

जैसे माँ
हो जलक
बापवर्ग,
पानी
100% प्राकृतिक, 0% विकल्प

DELHI JAL BOARD 

SAVE WATER SAVE LIFE



DELHI JAL BOARD
GOVT. OF NCT OF DELHI
SCHEDULE OF RATES
(ELECTRICAL AND MECHANICAL)
(2022)

DISCLAIMER

The Rates taken in the Delhi Jal Board Schedule of Rates (E&M) 2022 are indicative and actual rates shall be governed by the market forces. Further, its use by the Government Departments, PSUs, Private Bodies and individuals shall be at their own risk and discretion. Delhi Jal Board shall not be responsible for any ambiguity, discrepancy, dispute or financial loss arising directly or indirectly by using or following items of DJB SOR (E&M) 2022 by such Government Department / PSUs / Private Bodies / Individuals.

PREFACE

Delhi Jal Board is engaged in providing efficient and reliable Water Supply and Sewerage Services to the habitants of N.C.T. of Delhi through its network of Water Treatment Plants (WTPs), Sewage Treatment Plants (STPs), Booster Pumping Stations (BPSs) and Sewage Pumping Stations (SPSs) & allied infrastructure.

To meet efficient water & sanitation services, DJB undertakes works related to Construction of New Installations, Repair & Maintenance of existing Plants & machinery including procurement of such E&M equipment. The estimates / suggestive cost are being prepared based on the Rates procured from market/manufactures (including their Authorized Dealers and Distributors etc), in the absence of DJB's own SOR (E&M) that consumes lot of time. Sometimes wide variations in rates are also noticed.

Realizing this and in order to bring uniformity of rates being considered in preparing estimates/suggestive cost across entire E&M wing of DJB , sincere efforts were made to bring out First ever SOR (E&M)-2021-22 by sourcing rates for procurement / repair & maintenance of various E&M equipments and their spares from O.E.M / Market / CPWD-DSR E/M-2018 & CPWD DSR(Civil)-2019 respectively with a view to have all relevant information at one place i.e. in the SOR (E&M)-2021-22. Finally, the first ever SOR (E&M) 2021-22 came into force w.e.f. 01.01.2022.

Since the rates considered in this SOR were valid upto 31-03-2022 it was necessary to bring out second edition of SOR (E&M) 2022. In the process of bringing out the second edition of SOR the rates have been sourced from O.E.M / Market / CPWD-DSR E/M-2018/ CPWD DSR(CIVIL)-2021 / DJB Planning (Civil) approved/circulated rates for procurement / repair & maintenance of various E&M equipments and their spares respectively.

For the convenience of Field Engineers this SOR has been divided into two parts viz *Part- I Supply - Machinery & Equipments and Part- II Repair & Maintenance Works*. Efforts have also been made to include as much items as possible from the approved make of Delhi Jal Board with the objective of making it more handy.

The Draft SOR (E&M)-2022 was circulated to the committee members (constituted by Member(Dr.) vide letter no. DJB/Mem(Dr.)/2020/1585 dated 22.12.2020) to review for comments /suggestions/amendments if any. Further, a joint review meeting was held to discuss the draft SOR (E&M)-2022 with a view to finalize and arrive at a consensus to bring out this second edition i.e. SOR (E&M)-2022.

I thankfully acknowledge the efforts and contribution made by the following Committee Members in bringing out this edition i.e. SOR (E&M) -2022:-

1. Sh. M.K. Hans, CE (WW)
2. Sh. S.C. Vashisth, CE (SDW)NW
3. Sh. Jagdish Arora, A.C.E (P)-2
4. Sh. Bhupesh Kumar, A.C.E (M)-10

I convey my deep appreciations and sincere thanks to:

Sh. Sandeep Kapoor, ACE (E&M)- 2, Sh. Ravinder Kumar EE (E&M), Sh. Pawan Bhati JE (E&M), Sh. Jagmohan Rawat DM-I, Sh. Mukesh Kumar DM-I, Sh. Kashmir Singh DM-II, Sh. Govind Pandey DM-III and Computer Operators i.e. Sh. Rahul Shukla, Sh. Vijay Bahoriya & Sh. Shashank Srivastav.

Though all efforts, have been made to bring out this in a time bound manner, keeping in view the correctness of rates considered therein, however, errors, omissions and suggestions, if any may be brought to the notice of Executive Engineer (SDW)- XIV , Delhi Jal Board, Kilokari SPS Complex, Jal Vihar, Lajpat Nagar, New Delhi -110024.

Hope this SOR (E&M)-2022 will be useful to the engineers of DJB E&M wing and serve as ready reference in preparation of estimates for procurement / works / allied jobs being undertaken in DJB.

Sd/-
(D.K. Vaishya)
Principal Chief Engineer (E&M)

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Part- I

Supply

Machinery & Equipments

(Valid upto 31.03.2023)

CHAPTER-1

CENTRINGFUGAL PUMPS

1 (a) Rates for of Jyoti Make HS Series Pump Sets
(Rates are inclusive of CP and exclusive of cartage & GST)

DJB Item Code	SOR Reference	Description	Unit	Pump Model Rates Rs.						
				200 HS	250 HS	300 HS	350 HS	400 HS	400 HS	450 HS
1.1.1	OEM Code	Identical Pump	Each	753500	1194600	1383800	1524600	1760000	1980000	1980000

Rates for of Jyoti Make NC Series Pump Sets
(Rates are inclusive of CP and exclusive of cartage & GST)

DJB Item Code	SOR Reference	Description	Unit	Pump Model Rates Rs.					
				200 NC	250 NC	350 NC	500 NC	600 NC	600 VNC
1.2.1	OEM Code	Identical Pump	Each	1155000	1523500	2381650	3758700	4510000	5170000

1 (b) Rates for "Flowmore" make Pumps
(Rates are inclusive of CP and exclusive of cartage & GST)

DJB Item Code	SOR Reference	Description	Unit	Rates Rs.
1.3.1	OEM Rates	Flowmore Make Pump Fig. F5424B - 250x250/1 Stage	Each	1350760
		Drg. No. CSD 723 04 11 2K7		
		Complete Pump Assy. Without Motor (Completely identical with the pump in use with you.)		
1.3.2	OEM Rates	Flowmore Make Pump Fig. F5821 - 450x400/1 Stage	Each	2374280
		Drg. No. CSD 783 08 1 2K8		
		Complete Pump Assy. Without Motor (Completely identical with the pump in use with you.)		
1.3.3	OEM Rates	Flowmore Make Pump Fig. F5821A - 550x450/1 Stage	Each	2998744
		Drg. No. CSD 675 04 10 2K7A		
		Complete Pump Assy. Without Motor (Completely identical with the pump in use with you.)		
1.3.4	OEM Rates	Flowmore Make Pump Fig. F5821A - 550x450/1 Stage	Each	3087246
		Drg. No. CSD 492 08 02 2K7		
		Complete Pump Assy. Without Motor (Completely identical with the pump in use with you.)		
1.3.5	OEM Rates	Flowmore Make Pump Fig. F5822 - 500x400/1 Stage	Each	4496897
		Drg. No. CSD 675 02 10 2K7B		
		Complete Pump Assy. Without Motor (Completely identical with the pump in use with you.)		
1.3.6	OEM Rates	Flowmore Make Pump Fig. F5823 - 400x350/1 Stage	Each	2999744
		Drg. No. CSD 839 05 03 2K8		
		Complete Pump Assy. Without Motor (Completely identical with the pump in use with you.)		
1.3.7	OEM Rates	Flowmore Make Pump Fig. F5821 - 600x500/1 Stage	Each	3997788
		Drg. No. CSD 935 032 07 2K8		
		Complete Pump Assy. Without Motor (Completely identical with the pump in use with you.)		
1.3.8	OEM Rates	Flowmore Make Pump Fig. F5424B - 250x250/1 Stage	Each	1679286
		Drg. No.SALE 11000776-10		
		Complete Pump Assy. Without Motor (Completely identical with the pump in use with you.)		
1.3.9	OEM Rates	Flowmore Make Pump Fig. F5720 - 500x500/1 Stage	Each	4328790
		Drg. No. CSD 709 01 09 2K4		

		Complete Pump Assy. Without Motor (Completely identical with the pump in use with you.)		
1.3.10	OEM Rates	Flowmore Make Pump Fig. 7000 - 13h/5 Stage	Each	3076286
		Drg. No. CSD/ S-12343		
		Complete Pump Assy. Without Motor (Completely identical with the pump in use with you.)		
1.3.11	OEM Rates	Flowmore Make Pump Fig. 7000 - 13h/5 Stage	Each	3076286
		Drg. No. CSD/ S-12353		
		Complete Pump Assy. Without Motor (Completely identical with the pump in use with you.)		
1.3.12	OEM Rates	Flowmore Make Pump Fig. 7000 - 13h/5 Stage	Each	3076286
		Drg. No. CSD/ S-12363		
		Complete Pump Assy. Without Motor (Completely identical with the pump in use with you.)		

CHAPTER-2

SUBMERSIBLE PUMPS

2(a) Rates for Mody Make Submersible Dewatering Pump Sets:-

(Rates are inclusive of CP and exclusive of cartage and GST)

DJB Item Code	SOR Reference	Description	Unit	Rates Rs.
2.1.1	OEM Rates	M-100 M/1.5 HP	Each	44389
2.1.2	OEM Rates	M – 120 / 2 HP	Each	66334
2.1.3	OEM Rates	M-154 / 2 HP	Each	74813
2.1.4	OEM Rates	M – 204/3 HP	Each	84788
2.1.5	OEM Rates	M / G – 504 T / 5 HP	Each	139650
2.1.6	OEM Rates	M/G-530T/7.5 HP	Each	154613
2.1.7	OEM Rates	M/G-554T/10 HP	Each	174563

Rates for Mody Make Sewage Pump Sets:-

(Rates are inclusive of CP and exclusive of cartage and GST)

DJB Item Code	SOR Reference	Description	Unit	Rates Rs.
2.2.1	OEM Rates	MS-121S/2HP	Each	129675
2.2.2	OEM Rates	MS-231S/3HP	Each	164588
2.2.3	OEM Rates	MS-252S/5HP	Each	194513
2.2.4	OEM Rates	MS-481S/10HP	Each	210971
2.2.5	OEM Rates	MS-6152S/15HP	Each	347130
2.2.6	OEM Rates	MS-6202S/20HP	Each	394013

Rates for Mody Make Sludge Pump Sets:-

(Rates are inclusive of CP and exclusive of cartage and GST)

DJB Item Code	SOR Reference	Description	Unit	Rates Rs.
2.3.1	OEM Rates	NC 06/M1/6HP	Each	124688
2.3.2	OEM Rates	NC 08/M1/8HP	Each	184538
2.3.3	OEM Rates	NC 10/M1/10 HP	Each	203989

2(b) Rates for BS make submersible pump sets: -
(Rates are inclusive of CP, cartage and exclusive of GST)

DJB Item Code	SOR Reference	Description	Unit	Rates Rs.
2.4.1	OEM Rate	7.5 HP/ 16 stage, head 96-135-155, Discharge 180-120-60, Model No. CT-35	Each	45189
2.4.2	OEM	5 HP/ 32 stage, head 160-140-96, Discharge 50-75-110, Model No.J-45	Each	25574
2.4.3	OEM	5 HP/ 30 stage, head 66-120-148, Discharge 110-90-60, Model No.J-45	Each	24975
2.4.4	OEM	5 HP/ 25 stage, head 40-100-120, Discharge 170-120-90, Model No.J-43	Each	24098
2.4.5	OEM	3HP/ 28 stage, head 70-114-144, Discharge 85-60-30, Model No.J-42	Each	20894
2.4.6	OEM	7.5 HP/ 15 stage, head 89-124-133, Discharge 200-125-75, Model No. CT-55	Each	44397
2.4.7	OEM	7.5 HP/ 10 stage, head 73-90-95, Discharge 300-200-125, Model No. CT-66	Each	40007
2.4.8	OEM	10 HP/ 8 stage, head 46-65-73, Discharge 600-450-350, Model No.J-156	Each	44069
2.4.9	OEM	7.5 HP/ 9 stage, head 66-81-85, Discharge 300-200-125, Model No. CT-66	Each	39181
2.4.10	OEM	7.5 HP/ 6 stage, head 35-49-55, Discharge 600-450-350, Model No.J-156	Each	39240
2.4.11	OEM	6 HP/ 32 stage, head 90-128-167, Discharge 160-120-80, Model No.J-43	Each	27509
2.4.12	OEM	6 HP/ 35 stage, head 75-153-179, Discharge 130-75-50, Model No.J-45	Each	28035
2.4.13	OEM	5 HP/ 8 stage, head 48-66-71, Discharge 200-125-75, Model No. CT-55	Each	33597
2.4.14	OEM	5 HP/ 21 stage, head 70-109-122, Discharge 200-130-100, Model No.J-46	Each	28913
2.4.15	OEM	5 HP/ 14 stage, head 22-33-48, Discharge 350-300-200, Model No.J-44	Each	27293
2.4.16	OEM	10 HP/ 10 stage, head 70-89-97, Discharge 450-310-200, Model No.J-156N	Each	47111
2.4.17	OEM	10 HP/ 6 stage, head 22-48-55, Discharge 900-600-450, Model No.J-356	Each	42359
2.4.18	OEM	7.5 HP/ 7 stage, head 55-66-68, Discharge 400-250-200, Model No. J156N	Each	40761

2 (c) Rates for 'SU' Make Submersible pumps sets:-
(Rates are inclusive of CP & cartage and exclusive of GST)

DJB Item Code	SOR Reference	Model	Stage	Hp	Frame PipeSize	Discharge	Rates Rs.
2.5.1	OEM Rate	ECO	8	0.5	96	1.25"/1.5"	9440
2.5.2	OEM Rates	ECO	10	0.75	96	1.25"/1.5"	10375
2.5.3	OEM Rates	ECO	12	0.75	96	1.25"/1.5"	10615
2.5.4	OEM Rates	ECO	6	1	96	1.25"/1.5"	11990
2.5.5	OEM Rates	ECO	8	1	96	1.25"/1.5"	12355
2.5.6	OEM Rates	ECO	10	1	96	1.25"/1.5"	12430
2.5.7	OEM Rates	ECO	15	1	96	1.25"/1.5"	12760
2.5.8	OEM Rates	ECO	8	1.5	96	1.25"/1.5"	12950
2.5.9	OEM Rates	ECO	12	1.5	96	1.25"/1.5"	14300
2.5.10	OEM Rates	ECO	15	1.5	96	1.25"/1.5"	14575
2.5.11	OEM Rates	ECO	6	2	96	1.25"/2"	18865
2.5.12	OEM Rates	ECO	10	2	96	1.25"/1.5"	15620
2.5.13	OEM Rates	ECO	12	2	96	1.25"/1.5"	15875
2.5.14	OEM Rates	ECO	16	2	96	1.25"/1.5"	16280
2.5.15	OEM Rates	ECO	20	2	96	1.25"/1.5"	16910

DJB Item Code	SOR Reference	Model	Stage	Hp	Frame Pipe Size	Discharge	Rates Rs.Single Phase	Rates Rs.Three Phase
2.6.1	OEM Rate	SU4A	8	0.5	98	1.25"/1.5"	15160	15160
2.6.2	OEM Rates	SU4A	12	0.75	98	1.25"/1.5"	17470	17470
2.6.3	OEM Rates	SU4A	18	1.0	98	1.25"/1.5"	19990	19990
2.6.4	OEM Rates	SU4A	6	1.0	98	1.25"/1.5"	18100	18100
2.6.5	OEM Rates	SU4A	8	1.0	98	1.25"/1.5"	18550	18550
2.6.6	OEM Rates	SU4A	10	1.0	98	1.25"/1.5"	18920	18920
2.6.7	OEM Rates	SU4B	10	0.75	98	1.25"/1.5"	17105	17105
2.6.8	OEM Rates	SU4B	15	1.0	98	1.25"/1.5"	19275	19275
2.6.9	OEM Rates	SU4B	18	1.5	98	1.25"/1.5"	22400	21890
2.6.10	OEM Rates	SU4B	20	1.5	98	1.25"/1.5"	22950	21860
2.6.11	OEM Rates	SU4B	25	2.0	98	1.25"/1.5"	24940	23465
2.6.12	OEM Rates	SU4B	30	2.0	98	1.25"/1.5"	25830	24325
2.6.13	OEM Rates	SU4B	36	3.0	98	1.25"/1.5"	28105	27485
2.6.14	OEM Rates	SU4D	6	0.5	98	1.25"/1.5"	14820	14820
2.6.15	OEM Rates	SU4D	8	0.75	98	1.25"/1.5"	16785	16785
2.6.16	OEM Rates	SU4D	10	1.0	98	1.25"/1.5"	18920	18920
2.6.17	OEM Rates	SU4D	12	1.0	98	1.25"/1.5"	19515	19515
2.6.18	OEM Rates	SU4D	15	1.5	98	1.25"/1.5"	22220	21175
2.6.19	OEM Rates	SU4D	18	2.0	98	1.25"/1.5"	24365	22750
2.6.20	OEM Rates	SU4D	20	2.0	98	1.25"/1.5"	24700	23255
2.6.21	OEM Rates	SU4D	25	3.0	98	1.25"/1.5"	26765	26145
2.6.22	OEM Rates	SU4D	30	3.0	98	1.25"/1.5"	27595	26985
2.6.23	OEM Rates	SU4E	6	0.75	98	1.25"/1.5"	16830	16830
2.6.24	OEM Rates	SU4E	8	1.0	98	1.25"/1.5"	19330	19330
2.6.25	OEM Rates	SU4E	12	1.5	98	1.25"/1.5"	22440	20650
2.6.26	OEM Rates	SU4E	16	2.0	98	1.25"/1.5"	24785	22575
2.6.27	OEM Rates	SU4E	20	3.0	98	1.25"/1.5"	27093	25300
2.6.28	OEM Rates	SU4E	22	3.0	98	1.25"/1.5"	27550	25630
2.6.29	OEM Rates	SU4E	25	4.0	98	1.25"/1.5"	-----	27830
2.6.30	OEM Rates	SU4E	30	4.0	98	1.25"/1.5"	-----	28600
2.6.31	OEM Rates	SU4G	6	1.0	98	1.5"/2"	18875	18875

2.6.32	OEM Rates	SU4G	8	1.5	98	1.5"/2"	21550	20485
2.6.33	OEM Rates	SU4G	10	2.0	98	1.5"/2"	23430	21990
2.6.34	OEM Rates	SU4G	12	3.0	98	1.5"/2"	25100	24490
2.6.35	OEM Rates	SU4G	15	3.0	98	1.5"/2"	25775	25160
2.6.36	OEM Rates	SU4G	20	4.0	98	1.5"/2"	-----	28075
2.6.37	OEM Rates	SU4G	22	5.0	98	1.5"/2"	-----	30225
2.6.38	OEM Rates	SU4G	25	5.0	98	1.5"/2"	-----	30910
2.6.39	OEM Rates	SU4G	30	5.0	98	1.5"/2"	-----	31735
2.6.40	OEM Rates	SU4G	34	5.0	98	1.5"/2"	-----	33000
2.6.41	OEM Rates	SU4R	6	2.0	98	2"	25730	24290
2.6.42	OEM Rates	SU4R	7	2.0	98	2"	26490	25030
2.6.43	OEM Rates	SU4R	8	3.0	98	2"	28440	27830
2.6.44	OEM Rates	SU4R	9	3.0	98	2"	29205	28600
2.6.45	OEM Rates	SU4R	10	4.0	98	2"	31605	30940
2.6.46	OEM Rates	SU4R	10	5.0	98	2"	33290	32650
2.6.47	OEM Rates	SU4R	12	5.0	98	2"	34815	34135
2.6.48	OEM Rates	SU4R	14	5.0	98	2"	36335	35655

Radial Flow

DJB Item Code	SOR Reference	Model	Stage	HP	MOTOR MODEL	MIN. BORE Size	Discharge	Rates Rs.
2.7.1	OEM Rates	SU42	2	3	145	6"	2"/3"	35710
2.7.2	OEM Rates	SU42	3	3	145	6"	2"/3"	36830
2.7.3	OEM Rates	SU42	4	4	145	6"	2"/3"	37950
2.7.4	OEM Rates	SU42	5	5	145	6"	2"/3"	42640
2.7.5	OEM Rates	SU42	6	6	145	6"	2"/3"	47080
2.7.6	OEM Rates	SU42	7	7.5	145	6"	2"/3"	50515
2.7.7	OEM Rates	SU42	8	7.5	145	6"	2"/3"	51635
2.7.8	OEM Rates	SU42	9	10	145	6"	2"/3"	55325
2.7.9	OEM Rates	SU42	10	10	145	6"	2"/3"	56455
2.7.10	OEM Rates	SU42	11	10	145	6"	2"/3"	58375
2.7.11	OEM Rates	SU42	12	12.5	145	6"	2"/3"	64900
2.7.12	OEM Rates	SU42	13	12.5	145	6"	2"/3"	66030
2.7.13	OEM Rates	SU42	14	15	145	6"	2"/3"	70030
2.7.14	OEM Rates	SU42	15	15	145	6"	2"/3"	71155
2.7.15	OEM Rates	SU42	16	15	145	6"	2"/3"	73065
2.7.16	OEM Rates	SU42	17	17.5	145	6"	2"/3"	79930
2.7.17	OEM Rates	SU42	18	17.5	145	6"	2"/3"	81055
2.7.18	OEM Rates	SU42	19	20	145	6"	2"/3"	84150
2.7.19	OEM Rates	SU42	20	20	145	6"	2"/3"	86090
2.7.20	OEM Rates	SU42	21	22.5	145	6"	2"/3"	88165
2.7.21	OEM Rates	SU42	22	22.5	145	6"	2"/3"	89290

2.7.22	OEM Rates	SU42	23	22.5	145	6"	2"/3"	90420
2.7.23	OEM Rates	SU42	24	25	145	6"	2"/3"	94270
2.7.24	OEM Rates	SU42	25	25	145	6"	2"/3"	95400
2.7.25	OEM Rates	SU42A	2	3	145	6"	2"/3"	35710
2.7.26	OEM Rates	SU42A	3	3	145	6"	2"/3"	36850
2.7.27	OEM Rates	SU42A	4	3	145	6"	2"/3"	37950
2.7.28	OEM Rates	SU42A	5	4	145	6"	2"/3"	39065
2.7.29	OEM Rates	SU 42A	6	5	145	6"	2"/3"	43765
2.7.30	OEM Rates	SU 42A	7	6	145	6"	2"/3"	48225
2.7.31	OEM Rates	SU 42A	8	6	145	6"	2"/3"	49350
2.7.32	OEM Rates	SU 42A	9	7.5	145	6"	2"/3"	52780
2.7.33	OEM Rates	SU 42A	10	7.5	145	6"	2"/3"	53900
2.7.34	OEM Rates	SU 42A	11	10	145	6"	2"/3"	58355
2.7.35	OEM Rates	SU 42A	12	10	145	6"	2"/3"	59510
2.7.36	OEM Rates	SU 42A	13	10	145	6"	2"/3"	60610
2.7.37	OEM Rates	SU 42A	14	12.5	145	6"	2"/3"	67155
2.7.38	OEM Rates	SU 42A	15	12.5	145	6"	2"/3"	68255
2.7.39	OEM Rates	SU 42A	16	12.5	145	6"	2"/3"	70165
2.7.40	OEM Rates	SU 42A	17	15	145	6"	2"/3"	74195
2.7.41	OEM Rates	SU 42A	18	15	145	6"	2"/3"	75330
2.7.42	OEM Rates	SU 42A	19	15	145	6"	2"/3"	76440
2.7.43	OEM Rates	SU 42A	20	15	145	6"	2"/3"	78345
2.7.44	OEM Rates	SU 42A	21	17.5	145	6"	2"/3"	85250
2.7.45	OEM Rates	SU 42A	22	17.5	145	6"	2"/3"	86370

2.7.46	OEM Rates	SU 42A	23	17.5	145	6"	2"/3"	87505
2.7.47	OEM Rates	SU 42A	24	20	145	6"	2"/3"	91355
2.7.48	OEM Rates	SU 42A	25	20	145	6"	2"/3"	92500
2.7.49	OEM Rates	SU42B	2	3	145	6"	2"/3"	35710
2.7.50	OEM Rates	SU42B	3	3	145	6"	2"/3"	36850
2.7.51	OEM Rates	SU42B	4	3	145	6"	2"/3"	37950
2.7.52	OEM Rates	SU42B	5	4	145	6"	2"/3"	39065
2.7.53	OEM Rates	SU42B	6	4	145	6"	2"/3"	40975
2.7.54	OEM Rates	SU42B	7	5	145	6"	2"/3"	44500
2.7.55	OEM Rates	SU42B	8	6	145	6"	2"/3"	49325
2.7.56	OEM Rates	SU42B	9	6	145	6"	2"/3"	50490
2.7.57	OEM Rates	SU42B	10	7.5	145	6"	2"/3"	53900
2.7.58	OEM Rates	SU42B	11	7.5	145	6"	2"/3"	55795
2.7.59	OEM Rates	SU42B	12	10	145	6"	2"/3"	59500
2.7.60	OEM Rates	SU42B	13	10	145	6"	2"/3"	60615
2.7.61	OEM Rates	SU42B	14	10	145	6"	2"/3"	61810
2.7.62	OEM Rates	SU42B	15	10	145	6"	2"/3"	62870
2.7.63	OEM Rates	SU42B	16	12.5	145	6"	2"/3"	70165
2.7.64	OEM Rates	SU42B	17	12.5	145	6"	2"/3"	71300
2.7.65	OEM Rates	SU42B	18	12.5	145	6"	2"/3"	72415
2.7.66	OEM Rates	SU42B	19	15	145	6"	2"/3"	76500
2.7.67	OEM Rates	SU42B	20	15	145	6"	2"/3"	78340
2.7.68	OEM Rates	SU42B	21	15	145	6"	2"/3"	79470
2.7.69	OEM Rates	SU42B	22	15	145	6"	2"/3"	80600

2.7.70	OEM Rates	SU42B	23	17.5	145	6"	2"/3"	87500
2.7.71	OEM Rates	SU42B	24	17.5	145	6"	2"/3"	89365
2.7.72	OEM Rates	SU42B	25	17.5	145	6"	2"/3"	90500
2.7.73	OEM Rates	SU42C	7	3	145	6"	2"/3"	42100
2.7.74	OEM Rates	SU42C	8	4	145	6"	2"/3"	43230
2.7.75	OEM Rates	SU42C	10	5	145	6"	2"/3"	49060
2.7.76	OEM Rates	SU42C	12	6	145	6"	2"/3"	54615
2.7.77	OEM Rates	SU42C	14	7.5	145	6"	2"/3"	59170
2.7.78	OEM Rates	SU42C	15	7.5	145	6"	2"/3"	60305
2.7.79	OEM Rates	SU42C	18	10	145	6"	2"/3"	67015
2.7.80	OEM Rates	SU42C	22	12.5	145	6"	2"/3"	77715
2.7.81	OEM Rates	SU42C	24	12.5	145	6"	2"/3"	78840
2.7.82	OEM Rates	SU42C	24	15	145	6"	2"/3"	83620
2.7.83	OEM Rates	SU42C	28	15	145	6"	2"/3"	88110
2.7.84	OEM Rates	SU42C	30	15	145	6"	2"/3"	90350
2.7.85	OEM Rates	SU6A	2	3	145	6"	2.5"/3"	36520
2.7.86	OEM Rates	SU6A	3	4	145	6"	2.5"/3"	38500
2.7.87	OEM Rates	SU6A	4	5	145	6"	2.5"/3"	44020
2.7.88	OEM Rates	SU6A	5	6	145	6"	2.5"/3"	48565
2.7.89	OEM Rates	SU6A	6	7.5	145	6"	2.5"/3"	52850
2.7.90	OEM Rates	SU6A	7	7.5	145	6"	2.5"/3"	54820
2.7.91	OEM Rates	SU6A	8	10	145	6"	2.5"/3"	59365
2.7.92	OEM Rates	SU6A	9	10	145	6"	2.5"/3"	61340
2.7.93	OEM Rates	SU6A	10	12.5	145	6"	2.5"/3"	68585

2.7.94	OEM Rates	SU6A	11	12.5	145	6"	2.5"/3"	70425
2.7.95	OEM Rates	SU6A	12	15	145	6"	2.5"/3"	75590
2.7.96	OEM Rates	SU6A	13	15	145	6"	2.5"/3"	77585
2.7.97	OEM Rates	SU6A	14	17.5	145	6"	2.5"/3"	85330
2.7.98	OEM Rates	SU6A	15	17.5	145	6"	2.5"/3"	79345
2.7.99	OEM Rates	SU6A	16	20	145	6"	2.5"/3"	91245
2.7.100	OEM Rates	SU6A	20	20	145	6"	2.5"/3"	99255
2.7.101	OEM Rates	SU 6AA	2	3	145	6"	2.5"/3"	36520
2.7.102	OEM Rates	SU 6AA	4	4	145	6"	2.5"/3"	40480
2.7.103	OEM Rates	SU 6AA	5	5	145	6"	2.5"/3"	46025
2.7.104	OEM Rates	SU 6AA	6	6	145	6"	2.5"/3"	50560
2.7.105	OEM Rates	SU6AA	8	7.5	145	6"	2.5"/3"	56800
2.7.106	OEM Rates	SU6AA	10	10	145	6"	2.5"/3"	63335
2.7.107	OEM Rates	SU6AA	12	12.5	145	6"	2.5"/3"	72690
2.7.108	OEM Rates	SU6AA	14	15	145	6"	2.5"/3"	79555
2.7.109	OEM Rates	SU6AA	15	15	145	6"	2.5"/3"	81530
2.7.110	OEM Rates	SU6AA	17	17.5	145	6"	2.5"/3"	91320
2.7.111	OEM Rates	SU6AA	18	17.5	145	6"	2.5"/3"	93265
2.7.112	OEM Rates	SU 6AA	20	20	145	6"	2.5"/3"	99825
2.7.113	OEM Rates	SU 6AA	25	20	145	6"	2.5"/3"	107635
2.7.114	OEM Rates	SU 6B	3	5	145	6"	2.5"/3"	38165
2.7.115	OEM Rates	SU 6B	4	6	145	6"	2.5"/3"	46575
2.7.116	OEM Rates	SU 6B	5	7.5	145	6"	2.5"/3"	50865

2.7.117	OEM Rates	SU 6B	7	10	145	6"	2.5"/3"	57380
2.7.118	OEM Rates	SU 6B	8	12.5	145	6"	2.5"/3"	64760
2.7.119	OEM Rates	SU 6B	10	15	145	6"	2.5"/3"	71625
2.7.120	OEM Rates	SU 6B	12	17.5	145	6"	2.5"/3"	81370
2.7.121	OEM Rates	SU 6B	14	20	145	6"	2.5"/3"	87285
2.7.122	OEM Rates	SU 6B	15	22.5	145	6"	2.5"/3"	90090
2.7.123	OEM Rates	SU 6B	15	25	145	6"	2.5"/3"	96285
2.7.124	OEM Rates	SU 6BB	3	4	145	6"	3"/4"	38500
2.7.125	OEM Rates	SU 6BB	4	5	145	6"	3"/4"	44020
2.7.126	OEM Rates	SU 6BB	5	6	145	6"	3"/4"	48565
2.7.127	OEM Rates	SU 6BB	6	7.5	145	6"	3"/4"	52845
2.7.128	OEM Rates	SU 6BB	10	12.5	145	6"	3"/4"	68585
2.7.129	OEM Rates	SU 6BB	12	15	145	6"	3"/4"	75585
2.7.130	OEM Rates	SU 6BB	13	17.5	145	6"	3"/4"	83355
2.7.131	OEM Rates	SU 6BB	14	17.5	145	6"	3"/4"	85325
2.7.132	OEM Rates	SU 6BB	14	20	145	6"	3"/4"	87290
2.7.133	OEM Rates	SU 6BB	15	20	145	6"	3"/4"	89240
2.7.134	OEM Rates	SU 6BB	15	22.5	145	6"	3"/4"	90095
2.7.135	OEM Rates	SU 6BB	17	25	145	6"	3"/4"	100575
2.7.136	OEM Rates	SU 6BB	18	25	145	6"	3"/4"	102585
2.7.137	OEM Rates	SU 6C	3	5	145	6"	3"/4"	43200
2.7.138	OEM Rates	SU 6C	4	7.5	145	6"	3"/4"	50260
2.7.139	OEM Rates	SU 6C	6	10	145	6"	3"/4"	56175

2.7.140	OEM Rates	SU 6C	7	12.5	145	6"	3"/4"	76725
2.7.141	OEM Rates	SU 6C	8	15	145	6"	3"/4"	70000
2.7.142	OEM Rates	SU 6C	10	17.5	145	6"	3"/4"	80280
2.7.143	OEM Rates	SU 6C	11	20	145	6"	3"/4"	84470
2.7.144	OEM Rates	SU 6C	12	22.5	145	6"	3"/4"	87630
2.7.145	OEM Rates	SU 6C	13	25	145	6"	3"/4"	91795
2.7.146	OEM Rates	SU 6C	14	25	145	6"	3"/4"	94050
2.7.147	OEM Rates	SU 6D	2	4	145	6"	3"/4"	37370
2.7.148	OEM Rates	SU 6D	3	6	145	6"	3"/4"	45695
2.7.149	OEM Rates	SU 6D	4	7.5	145	6"	3"/4"	50260
2.7.150	OEM Rates	SU 6D	5	10	145	6"	3"/4"	54440
2.7.151	OEM Rates	SU 6D	6	12.5	145	6"	3"/4"	62700
2.7.152	OEM Rates	SU 6D	7	15	145	6"	3"/4"	67790
2.7.153	OEM Rates	SU 6D	8	15	145	6"	3"/4"	70050
2.7.154	OEM Rates	SU 6D	9	17.5	145	6"	3"/4"	78170
2.7.155	OEM Rates	SU 6D	10	20	145	6"	3"/4"	82215
2.7.156	OEM Rates	SU 6D	11	22.5	145	6"	3"/4"	85320
2.7.157	OEM Rates	SU 6D	12	25	145	6"	3"/4"	89575
2.7.158	OEM Rates	SU 6D	13	27.5	145	6"	3"/4"	93060
2.7.159	OEM Rates	SU 6FB	2	5	145	6"	3"/4"	40960
2.7.160	OEM Rates	SU 6FB	3	7.5	145	6"	3"/4"	47995
2.7.161	OEM Rates	SU 6FB	4	10	145	6"	3"/4"	52800
2.7.162	OEM Rates	SU 6FB	5	12.5	145	6"	3"/4"	60460

2.7.163	OEM Rates	SU 6FB	6	15	145	6"	3"/4"	65575
2.7.164	OEM Rates	SU 6FB	7	17.5	145	6"	3"/4"	73575
2.7.165	OEM Rates	SU 6FB	8	20	145	6"	3"/4"	77750
2.7.166	OEM Rates	SU 6FB	9	25	145	6"	3"/4"	82335
2.7.167	OEM Rates	SU 6FB	10	27.5	145	6"	3"/4"	86920
2.7.168	OEM Rates	SU6FB	10	30	145	6"	3"/4"	91055
2.7.169	OEM Rates	SU 6FC	2	6	145	6"	3"/4"	43480
2.7.170	OEM Rates	SU 6FC	3	10	145	6"	3"/4"	50570
2.7.171	OEM Rates	SU 6FC	4	12.5	145	6"	3"/4"	58300
2.7.172	OEM Rates	SU 6FC	5	15	145	6"	3"/4"	63340
2.7.173	OEM Rates	SU 6FC	6	17.5	145	6"	3"/4"	71335
2.7.174	OEM Rates	SU 6FC	7	20	145	6"	3"/4"	75505
2.7.175	OEM Rates	SU6FC	8	25	145	6"	3"/4"	80650
2.7.176	OEM Rates	SU7A	2	6	145	7"	3"/4"	44715
2.7.177	OEM Rates	SU7A	3	7.5	145	7"	3"/4"	49790
2.7.178	OEM Rates	SU7A	4	7.5	145	7"	3"/4"	52450
2.7.179	OEM Rates	SU7A	4	10	145	7"	3"/4"	55015
2.7.180	OEM Rates	SU7A	3	12.5	145	7"	3"/4"	57710
2.7.181	OEM Rates	SU7A	4	15	145	7"	3"/4"	63330
2.7.182	OEM Rates	SU7B	3	10	145	7"	3"/4"	52270
2.7.183	OEM Rates	SU7B	4	12.5	145	7"	3"/4"	60430
2.7.184	OEM Rates	SU7B	5	15	145	7"	3"/4"	66050
2.7.185	OEM Rates	SU 7BB	4	12.5	145	7"	3"/4"	60430

2.7.186	OEM Rates	SU 7BB	6	20	145	7"	3"/4"	76475
2.7.187	OEM Rates	SU 7BB	8	25	145	7"	3"/4"	84845
2.7.188	OEM Rates	SU 7C	7	20	145	7"	3"/4"	79185
2.7.189	OEM Rates	SU 7C	7	25	145	7"	3"/4"	82190
2.7.190	OEM Rates	SU 7D	2	12.5	145	7"	3"/4"	54990
2.7.191	OEM Rates	SU7D	2	15	145	7"	3"/4"	57900
2.7.192	OEM Rates	SU7D	5	20	145	7"	3"/4"	73770
2.7.193	OEM Rates	SU7D	6	25	145	7"	3"/4"	79410
2.7.194	OEM Rates	SU7E	3	15	145	7"	3"/4"	60605
2.7.195	OEM Rates	SU7E	4	20	145	7"	3"/4"	71075
2.7.196	OEM Rates	SU7E	5	25	145	7"	3"/4"	76710
2.7.197	OEM Rates	SU7F	4	25	145	7"	3"/4"	73965
2.7.198	OEM Rates	SU7G	3	20	145	7"	3"/4"	68350
2.7.199	OEM Rates	SU AB (JM)	2	7.5	145/186	8"	3"/4"	50735
2.7.200	OEM Rates	SU AB (JM)	3	10	145/186	8"	3"/4"	57180
2.7.201	OEM Rates	SU AB (JM)	3	12.5	145/186	8"	3"/4"	6258
2.7.202	OEM Rates	SU AB (JM)	4	15	145/186	8"	3"/4"	69345
2.7.203	OEM Rates	SU AB (JM)	4	17.5	145/186	8"	3"/4"	75120
2.7.204	OEM Rates	SU AB (JM)	5	20	145/186	8"	3"/4"	80950
2.7.205	OEM Rates	SU AB (JM)	6	25	145/186	8"	3"/4"	87890
2.7.206	OEM Rates	SU 8BB (JM)	2	10	145/186	8"	3"/4"	53275
2.7.207	OEM Rates	SU 8BB (JM)	3	15	145/186	8"	3"/4"	65470
2.7.208	OEM Rates	SU 8BB (JM)	4	20	145/186	8"	3"/4"	77055

2.7.209	OEM Rates	SU 8BB (JM)	5	25	145/186	8"	3"/4"	83960
2.7.210	OEM Rates	SU 8BC (JM)	2	12.5	145/186	8"	3"/4"	58685
2.7.211	OEM Rates	SU 8BC (JM)	3	17.5	145/186	8"	3"/4"	71250
2.7.212	OEM Rates	SU8BC (JM)	4	25	145/186	8"	3"/4"	80040
2.7.213	OEM Rates	SU8D (JM)	3	20	145/186	8"	3"/4"	73200
2.7.214	OEM Rates	SU8DE (JM)	2	15	145/186	8"	3"/4"	61600
2.7.215	OEM Rates	SU8DE (JM)	3	25	145/186	8"	3"/4"	76100
2.7.216	OEM Rates	SU8F (JM)	2	20	145/186	8"	3"/4"	69300
2.7.217	OEM Rates	SU9AB (JM)	2	25	145/186	8"	3"/4"	72250
Framesize 245 mm Suitable For Minimum 200mm Borewell Dia								
2.8.1	OEM Rates	SU 8A	1	10	186	8"	4"/5"/6"	62465
2.8.2	OEM Rates	SU 8A	2	15	186	8"	4"/5"/6"	73765
2.8.3	OEM Rates	SU 8A	3	25	186	8"	4"/5"/6"	95370
2.8.4	OEM Rates	SU 8A	4	32.5	186	8"	4"/5"/6"	110090
2.8.5	OEM Rates	SU 8A	5	40	186	8"	4"/5"/6"	127120
2.8.6	OEM Rates	SU 8A	6	50	186	8"	4"/5"/6"	139375
2.8.7	OEM Rates	SU 8A	7	55	186	8"	4"/5"/6"	145425
Framesize 245 mm Suitable For Minimum 300mm Borewell Dia								
2.9.1	OEM Rates	SU8A	5	40	245	12"	4"/5"/6"	191745
2.9.2	OEM Rates	SU8A	6	50	245	12"	4"/5"/6"	212400
2.9.3	OEM Rates	SU8A	7	55	245	12"	4"/5"/6"	219565
2.9.4	OEM Rates	SU8A	8	65	245	12"	4"/5"/6"	230705
2.9.5	OEM Rates	SU8A	9	70	245	12"	4"/5"/6"	253765

2.9.6	OEM Rates	SU8A	10	80	245	12"	4"/5"/6"	257815
2.9.7	OEM Rates	SU8A	11	90	245	12"	4"/5"/6"	274460
2.9.8	OEM Rates	SU8A	12	100	245	12"	4"/5"/6"	306860
Framesize 185 & 186 mm Suitable For Minimum 200mm Borewell Dia								
2.10.1	OEM Rates	SU8AB	2	7.5	186	8"	4"/5"/6"	Model Available Rate on Enquiry
2.10.2	OEM Rates	SU8AB	2	15	186	8"	4"/5"/6"	73770
2.10.3	OEM Rates	SU8AB	3	22.5	186	8"	4"/5"/6"	91705
2.10.4	OEM Rates	SU8AB	4	30	186	8"	4"/5"/6"	106150
2.10.5	OEM Rates	SU8AB	5	37.5	186	8"	4"/5"/6"	118415
2.10.6	OEM Rates	SU8AB	6	45	186	8"	4"/5"/6"	135700
2.10.7	OEM Rates	SU8AB	7	52.5	186	8"	4"/5"/6"	144150
2.10.8	OEM Rates	SU8AB	8	60	186	8"	4"/5"/6"	157870
2.10.9	OEM Rates	SU8AB	9	70	186	8"	4"/5"/6"	Model Available Rate on Enquiry
Framesize 245 mm Suitable For Minimum 300mm Borewell Dia								
2.11.1	OEM Rates	SU8AB	6	45	245	12"	4"/5"/6"	199430
2.11.2	OEM Rates	SU8AB	7	52.5	245	12"	4"/5"/6"	219660
2.11.3	OEM Rates	SU8AB	8	60	245	12"	4"/5"/6"	230705
2.11.4	OEM Rates	SU8AB	9	70	245	12"	4"/5"/6"	253775
2.11.5	OEM Rates	SU8AB	10	75	245	12"	4"/5"/6"	257875
2.11.6	OEM Rates	SU8AB	11	80	245	12"	4"/5"/6"	262230
2.11.7	OEM Rates	SU8AB	12	90	245	12"	4"/5"/6"	278560
2.11.8	OEM Rates	SU8AB	13	100	245	12"	4"/5"/6"	311115
Framesize 185 mm Suitable For Minimum 200mm Borewell Dia								
2.12.1	OEM Rates	SU8B	1	10	186	8"	4"/5"/6"	62470
2.12.2	OEM Rates	SU8B	2	20	186	8"	4"/5"/6"	86500
2.12.3	OEM Rates	SU8B	3	30	186	8"	4"/5"/6"	102300
2.12.4	OEM Rates	SU8B	4	40	186	8"	4"/5"/6"	123185

2.12.5	OEM Rates	SU8B	5	50	186	8"	4"/5"/6"	135280
2.12.6	OEM Rates	SU8B	6	60	186	8"	4"/5"/6"	150120
Framesize 245 mm Suitable For Minimum 300mm Borewell Dia								
2.13.1	OEM Rates	SU8B	4	40	245	8"/10	4"/5"/6"	186960
2.13.2	OEM Rates	SU8B	5	50	245	8"/10"	4"/5"/6"	207950
2.13.3	OEM Rates	SU8B	6	60	245	8"/10"	4"/5"/6"	222255
2.13.4	OEM Rates	SU8B	7	70	245	8"/10	4"/5"/6"	245000
2.13.5	OEM Rates	SU8B	8	80	245	8"/10	4"/5"/6"	249630
2.13.6	OEM Rates	SU8B	9	90	245	8"/10	4"/5"/6"	265875
2.13.7	OEM Rates	SU8B	10	100	245	8"/10	4"/5"/6"	298400
2.13.8	OEM Rates	SU8B	11	125	245	8"/10	4"/5"/6"	365515
2.13.9	OEM Rates	SU8B	12	150	245	8"/10	4"/5"/6"	396080
Framesize 185 & 186 mm Suitable For Minimum 200mm Borewell Dia								
2.14.1	OEM Rates	SU8BA	1	10	186	8"	4"/5"/6"	62470
2.14.2	OEM Rates	SU8BA	2	17.5	186	8"	4"/5"/6"	73105
2.14.3	OEM Rates	SU8BA	3	27.5	186	8"	4"/5"/6"	99055
2.14.4	OEM Rates	SU8BA	4	35	186	8"	4"/5"/6"	112585
2.14.5	OEM Rates	SU8BA	5	45	186	8"	4"/5"/6"	131380
2.14.6	OEM Rates	SU8BA	6	55	186	8"	4"/5"/6"	141530
2.14.7	OEM Rates	SU8BA	7	65	186	8"	4"/5"/6"	159755
2.14.8	OEM Rates	SU8BA	8	70	186	8"	4"/5"/6"	Model available Rates on enquiry
Framesize 245 mm Suitable For Minimum 300mm Borewell Dia								
2.15.1	OEM Rates	SU8BA	5	45	245	12"	4"/5"/6"	195960
2.15.2	OEM Rates	SU8BA	6	55	245	12"	4"/5"/6"	215425
2.15.3	OEM Rates	SU8BA	7	65	245	12"	4"/5"/6"	231475
2.15.4	OEM Rates	SU8BA	8	70	245	12"	4"/5"/6"	249295
2.15.5	OEM Rates	SU8BA	9	80	245	12"	4"/5"/6"	253650

2.15.6	OEM Rates	SU8BA	10	90	245	12"	4"/5"/6"	270165
2.15.7	OEM Rates	SU8BA	11	100	245	12"	4"/5"/6"	302690
2.15.8	OEM Rates	SU8BA	12	125	245	12"	4"/5"/6"	372215
2.15.9	OEM Rates	SU8BA	13	150	245	12"	4"/5"/6"	401610
Framesize 185 & 186 mm Suitable For Minimum 200mm Borewell Dia								
2.16.1	OEM Rates	SU8C	2	15	186	8"	4"/5"/6"	73770
2.16.2	OEM Rates	SU8C	3	20	186	8"	4"/5"/6"	88465
2.16.3	OEM Rates	SU8C	4	27.5	186	8"	4"/5"/6"	103000
2.16.4	OEM Rates	SU8C	5	35	186	8"	4"/5"/6"	117025
2.16.5	OEM Rates	SU8C	6	40	186	8"	4"/5"/6"	132550
2.16.6	OEM Rates	SU8C	7	50	186	8"	4"/5"/6"	143475
2.16.7	OEM Rates	SU8C	8	55	186	8"	4"/5"/6"	155580
2.16.8	OEM Rates	SU8C	9	65	186	8"	4"/5"/6"	167800

DJB Item Code	SOR Reference	Model	Stage	HP	MOTOR MODEL	MIN. BORE Size	Discharge	Rates Rs.(Each)
Framesize 245 mm Suitable For Minimum 300mm Borewell Dia								
2.17.1	OEM Rates	SU8C	6	40	245	12"	4"/5"/6"	195525
2.17.2	OEM Rates	SU8C	7	50	245	12"	4"/5"/6"	216885
2.17.3	OEM Rates	SU8C	8	60	245	12"	4"/5"/6"	224570
2.17.4	OEM Rates	SU8C	9	65	245	12"	4"/5"/6"	239990
2.17.5	OEM Rates	SU8C	10	70	245	12"	4"/5"/6"	258465
2.17.6	OEM Rates	SU8C	11	80	245	12"	4"/5"/6"	262295
2.17.7	OEM Rates	SU8C	12	90	245	12"	4"/5"/6"	281160
2.17.8	OEM Rates	SU8C	13	100	245	12"	4"/5"/6"	311140
Framesize 185 & 186 mm Suitable For Minimum 200mm Borewell Dia								

2.18.1	OEM Rates	SU8CA	1	7.5	186	8"	4"/5"/6"	Model available Rates on enquiry
2.18.2	OEM Rates	SU8CA	2	12.5	186	8"	4"/5"/6"	67250
2.18.3	OEM Rates	SU8CA	3	17.5	186	8"	4"/5"/6"	77000
2.18.4	OEM Rates	SU8CA	4	25	186	8"	4"/5"/6"	99275
2.18.5	OEM Rates	SU8CA	5	30	186	8"	4"/5"/6"	110095
2.18.6	OEM Rates	SU8CA	6	35	186	8"	4"/5"/6"	122270
2.18.7	OEM Rates	SU8CA	7	42.5	186	8"	4"/5"/6"	139735
2.18.8	OEM Rates	SU8CA	8	50	186	8"	4"/5"/6"	149260
2.18.9	OEM Rates	SU8CA	9	55	186	8"	4"/5"/6"	153490
2.18.10	OEM Rates	SU8CA	10	60	186	8"	4"/5"/6"	166150

Framesize 245 mm Suitable For Minimum 300mm Borewell Dia								
2.19.1	OEM Rates	SU8CA	9	55	245	12"	4"/5"/6"	228050
2.19.2	OEM Rates	SU8CA	10	60	245	12"	4"/5"/6"	239205
2.19.3	OEM Rates	SU8CA	11	70	245	12"	4"/5"/6"	262950
2.19.4	OEM Rates	SU8CA	12	80	245	12"	4"/5"/6"	266260
2.19.5	OEM Rates	SU8CA	13	90	245	12"	4"/5"/6"	283050
2.19.6	OEM Rates	SU8CA	14	100	245	12"	4"/5"/6"	315315

Framesize 185 & 186 mm Suitable For Minimum 250mm Borewell Dia								
2.20.1	OEM Rates	SU8D	1	17.5	186	10"	6"	77400
2.20.2	OEM Rates	SU8D	2	35	186	10"	6"	116480
2.20.3	OEM Rates	SU8D	3	55	186	10"	6"	149590
2.20.4	OEM Rates	SU8D	4	70	186	10"	6"	Model available Rates on enquiry

Framesize 245 mm Suitable For Minimum 300mm Borewell Dia								
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2.21.1	OEM Rates	SU8D	3	55	245	12"	6"	223910
2.21.2	OEM Rates	SU8D	4	70	245	12"	6"	259800
2.21.3	OEM Rates	SU8D	5	90	245	12"	6"	282505
2.21.4	OEM Rates	SU8D	6	125	245	12"	6"	385855
2.21.5	OEM Rates	SU8D	7	150	245	12"	6"	422985
2.21.6	OEM Rates	SU8D	8	150	245	12"	6"	434450
Framesize 185 & 186 mm Suitable For Minimum 250mm Borewell Dia								
2.22.1	OEM Rates	SU8DA	1	12.5	186	10"	5"/6"	67250
2.22.2	OEM Rates	SU8DA	2	25	186	10"	5"/6"	98620
2.22.3	OEM Rates	SU8DA	3	40	186	10"	5"/6"	129605
2.22.4	OEM Rates	SU8DA	4	50	186	10"	5"/6"	145075
2.22.5	OEM Rates	SU8DA	5	60	186	10"	5"/6"	163130
2.22.6	OEM Rates	SU8DA	6	75	186	10"	5"/6"	Model available Ratesn enquiry
Framesize 245 mm Suitable For Minimum 300mm Borewell Dia								
2.23.1	OEM Rates	SU8DA	3	40	245	12"	5"/6"	195115
2.23.2	OEM Rates	SU8DA	4	50	245	12"	5"/6"	218530
2.23.3	OEM Rates	SU8DA	5	60	245	12"	5"/6"	235975
2.23.4	OEM Rates	SU8DA	6	75	245	12"	5"/6"	262365
2.23.5	OEM Rates	SU8DA	7	85	245	12"	5"/6"	282260
2.23.6	OEM Rates	SU8DA	8	100	245	12"	5"/6"	318450
2.23.7	OEM Rates	SU8DA	9	125	245	12"	5"/6"	391400
2.23.8	OEM Rates	SU8DA	10	150	245	12"	5"/6"	425760
Framesize 185 & 186 mm Suitable For Minimum 250mm Borewell Dia								
2.24.1	OEM Rates	SU8DB	1	15	186	10"	5"/6"	71970
2.24.2	OEM Rates	SU8DB	2	30	186	10"	5"/6"	105600

2.24.3	OEM Rates	SU8DB	3	45	186	10"	5"/6"	134395
2.24.4	OEM Rates	SU8DB	4	60	186	10"	5"/6"	155830
Framesize 245 mm Suitable For Minimum 300mm Borewell Dia								
2.25.1	OEM Rates	SU8DB	3	45	245	12"	5"/6"	198585
2.25.2	OEM Rates	SU8DB	4	60	245	12"	5"/6"	228415
2.25.3	OEM Rates	SU8DB	5	75	245	12"	5"/6"	254710
2.25.4	OEM Rates	SU8DB	6	90	245	12"	5"/6"	274715
2.25.5	OEM Rates	SU8DB	7	105	245	12"	5"/6"	315370
2.25.6	OEM Rates	SU8DB	8	125	245	12"	5"/6"	329560
2.25.7	OEM Rates	SU8DB	9	150	245	12"	5"/6"	417010
Frame size 185 & 186 mm Suitable For Minimum 200mm Borewell Dia								
2.26.1	OEM Rates	SU8DC	1	12.5	186	8"	4"/5"/6"	63325
2.26.2	OEM Rates	SU8DC	2	22.5	186	8"	4"/5"/6"	88110
2.26.3	OEM Rates	SU8DC	3	35	186	8"	4"/5"/6"	106315
2.26.4	OEM Rates	SU8DC	4	45	186	8"	4"/5"/6"	127855
2.26.5	OEM Rates	SU8DC	5	55	186	8"	4"/5"/6"	137588
2.26.6	OEM Rates	SU8DC	6	65	186	8"	4"/5"/6"	155740
Frame size 245 mm Suitable For Minimum 300mm Borewell Dia								
2.27.1	OEM Rates	SU8DC	4	45	245	12"	4"/5"/6"	187075
2.27.2	OEM Rates	SU8DC	5	55	245	12"	4"/5"/6"	211195
2.27.3	OEM Rates	SU8DC	6	65	245	12"	4"/5"/6"	227220
2.27.4	OEM Rates	SU8DC	7	80	245	12"	4"/5"/6"	245045
2.27.5	OEM Rates	SU8DC	8	90	245	12"	4"/5"/6"	265885
2.27.6	OEM Rates	SU8DC	9	100	245	12"	4"/5"/6"	294150
2.27.7	OEM Rates	SU8DC	10	125	245	12"	4"/5"/6"	360885
2.27.8	OEM	SU8DC	11	150	245	12"	4"/5"/6"	434500

	Rates							
Framesize 185 & 186 mm Suitable For Minimum 250mm Borewell Dia								
2.28.1	OEM Rates	SU8E	2	10	186	8"	4"/5"	65275
2.28.2	OEM Rates	SU8E	3	15	186	8"	4"/5"	75790
2.28.3	OEM Rates	SU8E	4	20	186	8"	4"/5"	93655
2.28.4	OEM Rates	SU8E	5	25	186	8"	4"/5"	103175
2.28.5	OEM Rates	SU8E	6	30	186	8"	4"/5"	113980
2.28.6	OEM Rates	SU8E	7	35	186	8"	4"/5"	121920
2.28.7	OEM Rates	SU8E	8	40	186	8"	4"/5"	138860
2.28.8	OEM Rates	SU8E	9	45	186	8"	4"/5"	147470
2.28.9	OEM Rates	SU8E	10	50	186	8"	4"/5"	155030
2.28.10	OEM Rates	SU8E	11	55	186	8"	4"/5"	161070
2.28.11	OEM Rates	SU8E	12	60	186	8"	4"/5"	174100
2.28.12	OEM Rates	SU8E	13	65	186	8"	4"/5"	Modelavailable Rateson enquiry
2.28.13	OEM Rates	SU8E	14	70	186	8"	4"/5"	Modelavailable Rateson enquiry
2.28.14	OEM Rates	SU8E	15	75	186	8"	4"/5"	Modelavailable Ratesonenquiry
Framesize 245 mm Suitable For Minimum 300mm Borewell Dia								
2.29.1	OEM Rates	SU8E	10	50	245	12"	4"/5"	229350
2.29.2	OEM Rates	SU8E	11	55	245	12"	4"/5"	236875
2.29.3	OEM Rates	SU8E	12	60	245	12"	4"/5"	247645
2.29.4	OEM Rates	SU8E	13	65	245	12"	4"/5"	251815
2.29.5	OEM Rates	SU8E	14	70	245	12"	4"/5"	274935
2.29.6	OEM Rates	SU8E	15	70	245	12"	4"/5"	279195
Framesize 185 & 186 mm Suitable For Minimum 250mm Borewell Dia								
2.30.1	OEM Rates	SU8EA	3	10	186	8"	4"	69070

2.30.2	OEM Rates	SU8EA	3	12.5	186	8"	4"	71060
2.30.3	OEM Rates	SU8EA	4	15	186	8"	4"	79710
2.30.4	OEM Rates	SU8EA	5	20	186	8"	4"	97590
2.30.5	OEM Rates	SU8EA	6	25	186	8"	4"	107075
2.30.6	OEM Rates	SU8EA	7	30	186	8"	4"	117880
2.30.7	OEM Rates	SU8EA	8	35	186	8"	4"	125675
2.30.8	OEM Rates	SU8EA	9	35	186	8"	4"	129600
2.30.9	OEM Rates	SU8EA	10	40	186	8"	4"	146740
2.30.10	OEM Rates	SU8EA	11	45	186	8"	4"	155350
2.30.11	OEM Rates	SU8EA	12	50	186	8"	4"	163070
2.30.12	OEM Rates	SU8EA	13	50	186	8"	4"	166855
Framesize 245 mm Suitable For Minimum 300mm Borewell Dia								
2.31.1	OEM Rates	SU8EA	14	55	245	8"	4"	246105
2.31.2	OEM Rates	SU8EA	15	60	245	8"	4"	261520
Framesize 185 & 186 mm Suitable For Minimum 200mm Borewell Dia								
2.32.1	OEM Rates	SU8EA	1	12.5	186	8"	3"/4"/5"	63350
2.32.2	OEM Rates	SU8EA	2	25	186	8"	3"/4"/5"	91650
2.32.3	OEM Rates	SU8EA	3	40	186	8"	3"/4"/5"	119555
2.32.4	OEM Rates	SU8EA	4	50	186	8"	3"/4"/5"	133120
2.32.5	OEM Rates	SU8EA	5	60	186	8"	3"/4"/5"	146135
2.32.6	OEM Rates	SU8EA	6	75	186	8"	3"/4"/5"	Model Available Rate on Enquiry
Framesize 245 mm Suitable For Minimum 300mm Borewell Dia								
2.33.1	OEM Rates	SU 8DAG	3	40	245	12"	3"/4"/5"	183050
2.33.2	OEM Rates	SU 8DAG	4	50	245	12"	3"/4"/5"	203820
2.33.3	OEM Rates	SU 8DAG	5	60	245	12"	3"/4"/5"	218175

2.33.4	OEM Rates	SU 8DAG	6	75	245	12"	3"/4"/5"	241055
2.33.5	OEM Rates	SU 8DAG	7	85	245	12"	3"/4"/5"	257670
2.33.6	OEM Rates	SU 8DAG	8	100	245	12"	3"/4"/5"	289950
2.33.7	OEM Rates	SU 8DAG	9	125	245	12"	3"/4"/5"	356880
2.33.8	OEM Rates	SU 8DAG	10	125	245	12"	3"/4"/5"	361495
2.33.9	OEM Rates	SU 8DAG	11	150	245	12"	3"/4"/5"	434500
2.33.10	OEM Rates	SU 8DAG	12	150	245	12"	3"/4"/5"	440600
Framesize 185 & 186 mm Suitable For Minimum 200mm Borewell Dia								
2.34.1	OEM Rates	SU 8P1	3	10	186	8"	3"/4"	66660
2.34.2	OEM Rates	SU 8P1	4	12.5	186	8"	3"/4"	71115
2.34.3	OEM Rates	SU 8P1	5	15	186	8"	3"/4"	76775
2.34.4	OEM Rates	SU 8P1	6	17.5	186	8"	3"/4"	82280
2.34.5	OEM Rates	SU 8P1	7	20	186	8"	3"/4"	97445
2.34.6	OEM Rates	SU 8P1	8	25	186	8"	3"/4"	105565
2.34.7	OEM Rates	SU 8P1	9	27.5	186	8"	3"/4"	111705
2.34.8	OEM Rates	SU 8P1	10	30	186	8"	3"/4"	117515
2.34.9	OEM Rates	SU 8P1	11	35	186	8"	3"/4"	124010
2.34.10	OEM Rates	SU 8P1	12	35	186	8"	3"/4"	126525
2.34.11	OEM Rates	SU 8P1	12	40	186	8"	3"/4"	139770
2.34.12	OEM Rates	SU8P1	13	40	186	8"	3"/4"	142285
2.34.13	OEM Rates	SU8P1	16	50	186	8"	3"/4"	158180
Framesize 245 mm Suitable For Minimum 300mm Borewell Dia								
2.35.1	OEM Rates	SU8P1	18	55	245	12"	3"/4"	Model available Rateson enquiry
2.35.2	OEM Rates	SU8P1	19	60	245	12"	3"/4"	Model available Rateson enquiry
2.35.3	OEM Rates	SU8P1	20	60	245	12"	3"/4"	Model available Rateson enquiry

Framesize 185 & 186 mm Suitable For Minimum 200mm Borewell Dia								
2.36.1	OEM Rates	SU8P2	3	12.5	186	8"	3"/4"	68610
2.36.2	OEM Rates	SU8P2	4	15	186	8"	3"/4"	75880
2.36.3	OEM Rates	SU8P2	5	20	186	8"	3"/4"	92495
2.36.4	OEM Rates	SU8P2	6	22.5	186	8"	3"/4"	97260
2.36.5	OEM Rates	SU8P2	6	25	186	8"	3"/4"	100085
2.36.6	OEM Rates	SU8P2	7	27.5	186	8"	3"/4"	106645
2.36.7	OEM Rates	SU8P2	7	30	186	8"	3"/4"	110935
2.36.8	OEM Rates	SU8P2	8	35	186	8"	3"/4"	116530
2.36.9	OEM Rates	SU8P2	9	35	186	8"	3"/4"	119065
2.36.10	OEM Rates	SU8P2	10	40	186	8"	3"/4"	134725
2.36.11	OEM Rates	SU8P2	11	40	186	8"	3"/4"	137265
2.36.12	OEM Rates	SU8P2	11	45	186	8"	3"/4"	142010
2.36.13	OEM Rates	SU8P2	12	50	186	8"	3"/4"	147540
Frame size 245 mm Suitable For Minimum 300mm Borewell Dia								
2.37.1	OEM Rates	SU8P2	13	55	245	12"	3"/4"	Model available Rates on enquiry
2.37.2	OEM Rates	SU8P2	14	55	245	12"	3"/4"	Model available Rates on enquiry
2.37.3	OEM Rates	SU8P2	15	60	245	12"	3"/4"	Model available Rates on enquiry
2.37.4	OEM Rates	SU8P2	16	65	245	12"	3"/4"	Model available Rates on enquiry
2.37.5	OEM Rates	SU8P2	17	70	245	12"	3"/4"	Model available Rates on enquiry
2.37.6	OEM Rates	SU8P2	18	75	245	12"	3"/4"	Model available Rates on enquiry
2.37.7	OEM Rates	SU8P2	19	75	245	12"	3"/4"	Model available Rates on enquiry
2.37.8	OEM Rates	SU8P2	20	80	245	12"	3"/4"	Model available Rates on enquiry
Framesize 185 & 186 mm Suitable For Minimum 200mm Borewell Dia								
2.38.1	OEM Rates	SU8P3	4	10	186	8"	3"/4"	69190

2.38.2	OEM Rates	SU8P3	5	12.5	186	8"	3"/4"	73656
2.38.3	OEM Rates	SU8P3	6	15	186	8"	3"/4"	80925
2.38.4	OEM Rates	SU8P3	7	17.5	186	8"	3"/4"	84625
2.38.5	OEM Rates	SU8P3	8	20	186	8"	3"/4"	99960
2.38.6	OEM Rates	SU8P3	9	22.5	186	8"	3"/4"	104720
2.38.7	OEM Rates	SU8P3	10	25	186	8"	3"/4"	110630
2.38.8	OEM Rates	SU8P3	11	27.5	186	8"	3"/4"	120195
2.38.9	OEM Rates	SU8P3	12	30	186	8"	3"/4"	123185
2.38.10	OEM Rates	SU8P3	13	35	186	8"	3"/4"	Model available
2.38.11	OEM Rates	SU8P3	14	35	186	8"	3"/4"	Rates on enquiry
2.38.12	OEM Rates	SU8P3	15	40	186	8"	3"/4"	Model available
2.38.13	OEM Rates	SU8P3	16	40	186	8"	3"/4"	Rates on enquiry
2.38.14	OEM Rates	SU8P3	17	45	186	8"	3"/4"	Model available
2.38.15	OEM Rates	SU8P3	18	45	186	8"	3"/4"	Rates on enquiry
2.38.16	OEM Rates	SU8P3	19	50	186	8"	3"/4"	Model available
2.38.17	OEM Rates	SU8P3	20	50	186	8"	3"/4"	Rates on enquiry

Framesize 185 & 186 mm Suitable For Minimum 200mm Bore wellDia

2.39.1	OEM Rates	SU10A	1	20	186	10"	6"	90120
2.39.2	OEM Rates	SU10A	2	40	186	10"	6"	129285
2.39.3	OEM Rates	SU10A	2	50	186	10"	6"	137665
2.39.4	OEM Rates	SU10A	3	55	186	10"	6"	149340
2.39.5	OEM Rates	SU10A	3	60	186	10"	6"	157980
2.39.6	OEM Rates	SU10A	5	60	186	10"	6"	168390

Frame Size 245 mm Suitable For Minimum 300mm Bore wellDia								
2.40.1	OEM Rates	SU10A	2	40	245	12"	6"	193560
2.40.2	OEM Rates	SU10A	2	60	245	12"	6"	219825
2.40.3	OEM Rates	SU10A	3	60	245	12"	6"	230710
2.40.4	OEM Rates	SU10A	3	70	245	12"	6"	242900
2.40.5	OEM Rates	SU10A	4	80	245	12"	6"	259760
2.40.6	OEM Rates	SU10A	5	90	245	12"	6"	285640
2.40.7	OEM Rates	SU10A	4	100	245	12"	6"	297695
2.40.8	OEM Rates	SU10A	5	100	245	12"	6"	310710
2.40.9	OEM Rates	SU10A	2	120	245	12"	6"	353805
2.40.10	OEM Rates	SU10A	3	120	245	12"	6"	359855
2.40.11	OEM Rates	SU10A	6	125	245	12"	6"	385805
2.40.12	OEM Rates	SU10A	7	150	245	12"	6"	424160
2.40.13	OEM Rates	SU10A	4	60	245	12"	6"	237150
2.40.14	OEM Rates	SU10A	5	60	245	12"	6"	243595
2.40.15	OEM Rates	SU10A	3	80	245	12"	6"	254830
Frame Size 185 & 186 mm Suitable For Minimum 200mm Bore wellDia								
2.41.1	OEM Rates	SU10B	1	25	186	10"	6"	95865
2.41.2	OEM Rates	SU10B	2	50	186	10"	6"	137665
2.41.3	OEM Rates	SU10B	3	75	186	10"	6"	175340
Frame Size 245 mm Suitable For Minimum 300mm Bore wellDia								
2.42.1	OEM Rates	SU10B	2	50	245	12"	6"	210100
2.42.2	OEM Rates	SU10B	3	75	245	12"	6"	249030
2.42.3	OEM Rates	SU10B	4	75	245	12"	6"	257840
2.42.4	OEM Rates	SU10B	4	85	245	12"	6"	269910
2.42.5	OEM	SU10B	5	85	245	12"	6"	273815

	Rates							
2.42.6	OEM Rates	SU10B	4	100	245	12"	6"	297660
2.42.7	OEM Rates	SU10B	5	125	245	12"	6"	367260
2.42.8	OEM Rates	SU10B	6	150	245	12"	6"	411005

Framesize 245 mm Suitable For Minimum 300mm Bore wellDia								
2.43.1	OEM Rates	SU10B	5	85	245	12"	6"	188530
2.43.2	OEM Rates	SU10B	4	100	245	12"	6"	205961
2.43.3	OEM Rates	SU10B	5	125	245	12"	6"	254106
2.43.4	OEM Rates	SU10B	6	150	245	12"	6"	284373

**2 (d) Rates for 'LUBI' make Monoblock Pump Sets:-
(Rates are inclusive of CP, cartage and exclusive of GST)**

DJB Item Code	SOR Reference	Monoblock Pumpset(Lubi)				
		Model	Phase	Hz	HP	Rates Rs.
2.44.1	OEM	LBI-101	1	50	3	29061
2.44.2	OEM	LBI-101H	1	50	3	30458
2.44.3	OEM	LBI-103	1	50	3	28492
2.44.4	OEM	LBI-105L	1	50	3	30056
2.44.5	OEM	LBI-106	1	50	3	30029
2.44.6	OEM	LBI-111L	1	50	5	33961
2.44.7	OEM	LBI-111H	1	50	5	33961
2.44.8	OEM	LBI-113	1	50	5	32425
2.44.9	OEM	LBI-115L	1	50	5	33208
2.44.10	OEM	LBI-115H	1	50	5	33208
2.44.11	OEM	LBI-116	1	50	5	33392
2.44.12	OEM	LBI-1A	3	50	2	22570
2.44.13	OEM	LBI-1	3	50	3	21820
2.44.14	OEM	LBI-1H	3	50	3	22794
2.44.15	OEM	LBI-3	3	50	3	21765
2.44.16	OEM	LBI-5L	3	50	3	22718
2.44.17	OEM	LBI-6	3	50	3	22948
2.44.18	OEM	LBI-11L	3	50	5	28139
2.44.19	OEM	LBI-11H	3	50	5	29338
2.44.20	OEM	LBI-13	3	50	5	27387
2.44.21	OEM	LBI-15L	3	50	5	29061
2.44.22	OEM	LBI-15H	3	50	5	29061
2.44.23	OEM	LBI-16	3	50	5	29291
2.44.24	OEM	LBI-21L	3	50	5	37570
2.44.25	OEM	LBI-21H	3	50	7.5	37219
2.44.26	OEM	LBI-23	3	50	7.5	37985
2.44.27	OEM	LBI-25	3	50	7.5	38769
2.44.28	OEM	LBI-27H	3	50	7.5	39245
2.44.29	OEM	LBI-26	3	50	7.5	39245
2.44.30	OEM	LBI-27L	3	50	7.5	39245
2.44.31	OEM	LBI-24	3	50	7.5	38031
2.44.32	OEM	LBI-28	3	50	7.5	39936
2.44.33	OEM	LBI-31	3	50	10	41272
2.44.34	OEM	LBI-33	3	50	10	41364
2.44.35	OEM	LBI-35	3	50	10	41733
2.44.36	OEM	LBI-37H	3	50	10	41763
2.44.37	OEM	LBI-36	3	50	10	41763
2.44.38	OEM	LBI-37L	3	50	10	41763

2.44.39	OEM	LBI-38	3	50	10	42516
2.44.40	OEM	LBI-45	3	50	12.5	45189
2.44.41	OEM	LBI-43	3	50	12.5	53422
2.44.42	OEM	LBI-45H	3	50	12.5	55203
2.44.43	OEM	LBI-48H	3	50	12.5	56003
2.44.44	OEM	LBI-58	3	50	15	48982
2.44.45	OEM	LBI-53	3	50	15	55126
2.44.46	OEM	LBI-55	3	50	15	56294
2.44.47	OEM	LBI-54	3	50	15	59566
2.44.48	OEM	LBI-58H	3	50	15	57693
2.44.49	OEM	LBI-59	3	50	15	66073
2.44.50	OEM	LBI-63	3	50	20	86538
2.44.51	OEM	LBI-65	3	50	20	87398
2.44.52	OEM	LBI-64	3	50	20	89856
2.44.53	OEM	LBI-67	3	50	20	88381
2.44.54	OEM	LBI-69	3	50	20	90716

DJB Item Code	SOR Reference	<u>LSF" LUBI" BRAND LDS/LDT TYPE OIL FILLED A LRS/LKT TYPE WATER FILLED SINGLE & THREE PHASE PUMP SETS SUITABLE FOR 4" BORE WELL (WITHOUT PANEL)</u>					
		4A 1 1/4" Outlet					
		HP	STG	LDS (RS)	LDT(RS)	LRS(RS)	LKT(RS)
2.45.1	OEM	0.5	10	14336	---	16084	---
2.45.2	OEM	0.5	12	14763	---	16473	---
2.45.3	OEM	0.75	15	16150	---	18525	---
2.45.4	OEM	0.75	18	18155	---	19180	---
2.45.5	OEM	1.0	20	18886	---	22230	20292
2.45.6	OEM	1.0	24	19912	---	23095	21166
2.45.7	OEM	1.5	30	24548	22676	27997	25175
2.45.8	OEM	1.5	34	26210	---	29716	26866
2.45.9	OEM	2.0	40	28814	27320	31645	30638
2.45.10	OEM	2.0	46	30752	---	33963	32965
2.45.11	OEM	3.0	54	---	---	39359	---
2.45.12	OEM	3.0	62	---	---	46641	---
2.45.13	OEM	3.0	68	---	---	41943	---
		6A 1 1/4" Outlet					
		HP	STG	LDS (RS)	LDT(RS)	LRS(RS)	LKT(RS)
2.46.1	OEM	0.5	8.0	14317	16670	16084	17423
2.46.2	OEM	0.8	12.0	16302	15922	17851	---
2.46.3	OEM	1.0	14.0	17195	16663	20948	19095
2.46.4	OEM	1.0	16.0	18288	17756	21290	20140
2.46.5	OEM	1.5	18.0	22800	---	26790	24225
2.46.6	OEM	1.5	20.0	23304	21461	27294	24709
2.46.7	OEM	1.5	24.0	24406	---	28595	---
2.46.8	OEM	2.0	24.0	24479	24862	29137	28158
2.46.9	OEM	2.0	28.0	27180	26562	30800	29640
2.46.10	OEM	2.0	30.0	27750	---	31122	30172
2.46.11	OEM	3.0	40.0	---	---	38665	37012
		6B 1 1/4" Outlet					
		HP	STG	LDS (RS)	LDT(RS)	LRS(RS)	LKT(RS)
2.47.1	OEM	0.5	6	13253	---	---	---
2.47.2	OEM	0.5	8	13471	---	---	---
		7 1 1/4" Outlet					
		HP	STG	LDS (RS)	LDT(RS)	LRS(RS)	LKT(RS)
2.48.1	OEM	3	36	---	---	37905	---
2.48.2	OEM	4	45	---	---	---	43026
2.48.3	OEM	5	50	---	---	---	48650
2.48.4	OEM	6	60	---	---	---	57941

		8 H 1/4" Outlet					
		HP	STG	LDS (RS)	LDT(RS)	LRS(RS)	LKT(RS)
2.49.1	OEM	0.5	6	13899	14269	15694	
2.49.2	OEM	0.75	8	15570	15105	17195	18060
2.49.3	OEM	1	11	16198	16188	17832	18696
2.49.4	OEM	1.5	12	---	---	18221	---
2.49.5	OEM	1.5	16	21290	18838	24672	22914
2.49.6	OEM	1.5	18	23294	20824	26353	24690
2.49.7	OEM	2	19	24690	23332	28415	27455
2.49.8	OEM	2	21	25308	23912	29070	28006
2.49.9	OEM	2	24	26334	24975	30571	28899
2.49.10	OEM	3	28	34409	28890	34929	33374
2.49.11	OEM	3	32	35330	30372	37164	35492
		10 H 1/4" Outlet					
		HP	STG	LDS (RS)	LDT(RS)	LRS(RS)	LKT(RS)
2.50.1	OEM	0.5	5	13670	13965	15485	---
2.50.2	OEM	0.75	7	15314	14486	16996	---
2.50.3	OEM	1.0	10	16511	15979	17338	18449
2.50.4	OEM	1.5	12	19504	17651	20796	21147
2.50.5	OEM	1.5	14	20102	18268	23351	21670
2.50.6	OEM	2.0	16	22344	21005	26353	25365
2.50.7	OEM	2.0	18	24406	23038	28158	27180
2.50.8	OEM	3.0	26	33630	10	34280	32680
2.50.9	OEM	3.0	30	35026	---	35530	33886
2.50.10	OEM	3.0	35	37088	---	38114	---
2.50.11	OEM	4.0	32	---	36224	---	38361
2.50.12	OEM	4.0	38	---	38162	---	40109
2.50.13	OEM	5.0	40	---	42161	---	44868
2.50.14	OEM	5.0	48	---	44859	43681	48118
2.50.15	OEM	5.0	50	---	---	46920	48649
2.50.16	OEM	6.0	52	---	49162	---	54796
2.50.17	OEM	6.0	56	---	50464	---	55945
2.50.18	OEM	6.0	60	---	---	---	57086
		12 1/4" Outlet					
		HP	STG	LDS (RS)	LDT(RS)	LRS(RS)	LKT(RS)
2.51.1	OEM	0.5	4	13150	13044	15029	---
2.51.2	OEM	0.75	6	14706	13794	16435	---
2.51.3	OEM	1	8	15504	14934	16710	17604
2.51.4	OEM	1	10	15960	---	17090	---
2.51.5	OEM	1.5	12	18782	16929	20216	20539
2.51.6	OEM	2.0	16	21328	19969	23142	24482
2.51.7	OEM	3.0	20	28690	22525	29925	28348
2.51.8	OEM	3.0	24	29526	23408	30695	29089
2.51.9	OEM	4.0	28	---	31369	---	32975

2.51.10	OEM	4.0	32	---	32775	---	35330
2.51.11	OEM	5.0	36	---	36604	38741	39890
2.51.12	OEM	5.0	40	37820	37506	39558	40717
2.51.13	OEM	7.5	60	---	48440	---	---
15A 1.5" Outlet							
		HP	STG	LDS (RS)	LDT(RS)	LRS(RS)	LKT(RS)
2.52.1	OEM	0.75	5	14735	14231	16473	---
2.52.2	OEM	1	7	15504	14934	16710	17604
2.52.3	OEM	1.5	10	18807	17034	20264	20586
2.52.4	OEM	2.0	12	20130	19390	23475	23142
2.52.5	OEM	2.0	14	21708	21042	24111	25548
2.52.6	OEM	3.0	18	29640	22819	30780	29194
2.52.7	OEM	3.0	20	30638	23807	31645	30039
2.52.8	OEM	4.0	24	---	31435	---	33860
2.52.9	OEM	4.0	26	---	31948	---	34285
2.52.10	OEM	5.0	28	36832	35026	37060	38152
2.52.11	OEM	5.0	32	37411	36090	39225	40385
2.52.12	OEM	6.0	36	---	40422	---	46759
2.52.13	OEM	7.5	54	---	41506	---	47700
15H 1 1/4" Outlet							
		HP	STG	LDS (RS)	LDT(RS)	LRS(RS)	LKT(RS)
2.53.1	OEM	0.5	3	12872	12910	14887	---
2.53.2	OEM	0.75	5	14497	13585	16226	---
2.53.3	OEM	1	7	15342	14364	16596	17461
2.53.4	OEM	1.5	10	18449	16084	19912	20225
2.53.5	OEM	2	14	20340	19029	23037	23351
2.53.6	OEM	3	21	30600	23798	31645	30010
2.53.7	OEM	4	28	35293	32984	---	35207
2.53.8	OEM	5	35	38437	37126	40176	41315
2.53.9	OEM	6	42	---	42864	---	50312
20A 1.5" Outlet							
		HP	STG	LDS (RS)	LDT(RS)	LRS(RS)	LKT(RS)
2.54.1	OEM	1	5	15115	14564	16416	19228
2.54.2	OEM	1.5	8	18221	16302	19665	20007
2.54.3	OEM	2	10	19637	18867	23018	22753
2.54.4	OEM	3	15	29270	23304	31170	29564
2.54.5	OEM	4	18	---	30799	---	33269
2.54.6	OEM	4	20	---	32015	---	34333
2.54.7	OEM	5	22	35540	35245	37221	38323
2.54.8	OEM	5	24	---	35929	---	---
2.54.9	OEM	5	25	36480	36489	38114	39216
2.54.10	OEM	6	28	---	---	---	45391
2.54.11	OEM	6	30	---	39758	---	45952
25 2" Outlet							

		HP	STG	LDS (RS)	LDT(RS)	LRS(RS)	LKT(RS)
2.55.1	OEM	1.5	6	18639	16767	20035	20330
2.55.2	OEM	2	8	20530	19770	23807	23513
2.55.3	OEM	3	10	28329	22116	26866	28035
2.55.4	OEM	3	12	30077	23911	28326	29526
2.55.5	OEM	3	13	---	---	31530	---
2.55.6	OEM	4	14	---	31711	---	33288
2.55.7	OEM	4	16	---	32965	---	34333
2.55.8	OEM	5	18	37373	37098	37915	39010
2.55.9	OEM	5	20	38788	38532	39159	40270
2.55.10	OEM	6	22	---	---	---	46740
2.55.11	OEM	6	24	---	---	---	48688
31 2" Outlet							
		HP	STG	LDS (RS)	LDT(RS)	LRS(RS)	LKT(RS)
2.56.1	OEM	1.5	4	19703	17936	21565	21888
2.56.2	OEM	2	6	22724	22106	26353	26068
2.56.3	OEM	3	10	33288	28538	33022	34181
2.56.4	OEM	4	13	---	38404	---	---
2.56.5	OEM	5	16	44242	450619	46379	47490
2.56.6	OEM	6	20	---	---	---	58016
2.56.7	OEM	7.5	24	---	---	---	65474
40 2.5" Outlet							
		HP	STG	LDS (RS)	LDT(RS)	LRS(RS)	LKT(RS)
2.57.1	OEM	2	5	22468	21147	25479	25185
2.57.2	OEM	2	6	23503	22154	26391	26090
2.57.3	OEM	3	8	31977	26087	30875	36873
2.57.4	OEM	3	9	32642	---	31863	33022
2.57.5	OEM	4	9	---	33288	---	35454
2.57.6	OEM	4	10	---	34523	---	36518
2.57.7	OEM	5	12	40128	39928	41401	42494
2.57.8	OEM	6	15	---	46037	---	51224
2.57.9	OEM	7.5	16	---	47015	---	---
50 2.5" Outlet (C.I Bowl & SS IMPL)							
		HP	STG	LDS (RS)	LDT(RS)	LRS(RS)	LKT(RS)
2.58.1	OEM	3	6	32509	26875	32262	33459
2.58.2	OEM	3	8	---	---	34865	---
2.58.3	OEM	4	8	---	36546	---	39320
2.58.4	OEM	5	10	42360	42351	44622	45724
2.58.5	OEM	6	12	---	47747	---	54007
50 N 2.5" Outlet (NORYAL Bowl & SS IMPL)							
		HP	STG	LDS (RS)	LDT(RS)	LRS(RS)	LKT(RS)
2.59.1	OEM	3	6	29478	23427	29022	30267
2.59.2	OEM	3	7	---	---	30324	---
2.59.3	OEM	3	9	---	---	31569	32651
2.59.4	OEM	4	8	---	32139	---	35102

2.59.5	OEM	5	10	36965	36794	40555	40555
2.59.6	OEM	6	12	---	40888	---	44631
2.59.7	OEM	7.5	14	---	---	---	48934
2.59.8	OEM	7.5	15	---	---	---	49970

DJB Item Code	SOR Reference	<u>LSF" LUBI" BRAND LDS/LDT TYPE OIL FILLED A LRS/LKT TYPE WATER FILLED SINGLE & THREE PHASE SUBMERSIBLE PUMPSETS SUITABLE FOR 4" BORE WELL (WITHOUT PANEL - RAINBOW SERIES)</u>					
		HP	STG	LDS (RS)	LRS(RS)		
4A 1 1/4" Outlet							
		HP	STG	LDS (RS)	LRS(RS)		
2.60.1	OEM	0.5	8	---	---		
2.60.2	OEM	0.5	10	12852	14316		
2.60.3	OEM	0.5	12	13290	14668		
2.60.4	OEM	0.75	15	---	---		
2.60.5	OEM	0.75	18	---	---		
2.60.6	OEM	1	20	17014	---		
2.60.7	OEM	1	24	17898	---		
6A 1 1/4" Outlet							
		HP	STG	LDS (RS)	LRS(RS)		
2.61.1	OEM	0.5	8	12892	14316		
2.61.2	OEM	0.75	12	14696	15932		
2.61.3	OEM	1	14	15475	---		
2.61.4	OEM	1	16	16473	---		
2.61.5	OEM	1.5	18	20529	---		
2.61.6	OEM	1.5	20	20947	---		
2.61.7	OEM	1.5	24	21937	---		
2.61.8	OEM	2	28	24462	---		
2.61.9	OEM	2	30	24975	---		
6B 1 1/4" Outlet							
2.62.1	OEM	0.5	8	11428	---		
8H 1 1/4" Outlet							
		HP	STG	LDS (RS)	LRS(RS)		
2.63.1	OEM	0.5	6	12540	13955		
2.63.2	OEM	0.75	8	13984	15314		
2.63.3	OEM	1	11	15076	15903		
2.63.4	OEM	1.5	14	18078	19342		
2.63.5	OEM	1.5	16	19171	---		
2.63.6	OEM	1.5	18	20938	---		
2.63.7	OEM	2	19	22220	---		
2.63.8	OEM	2	21	22771	---		
2.63.9	OEM	2	22	23123	---		

2.63.10	OEM	2	24	23712	---		
0 H 1 1/4" Outlet							
		HP	STG	LDS (RS)	LRS(RS)		
2.64.1	OEM	1	10	14848	15466		
2.64.2	OEM	1	14	---	18819		
2.64.3	OEM	1.5	14	18078	19342		
2.64.4	OEM	2	16	20121	---		
2.64.5	OEM	2	18	21973	---		
12 1 1/4" Outlet							
		HP	STG	LDS (RS)	LRS(RS)	LDT(RS)	
2.65.1	OEM	1	8	13917	14867	13433	
2.65.2	OEM	1	10	14316	---	15266	
2.65.3	OEM	1.5	12	16929	---	17983	
2.65.4	OEM	2	16	19190	---	---	
15A 1.5" Outlet							
		HP	STG	LDS (RS)	LRS(RS)		
2.66.1	OEM	1	7	13917	14867		
2.66.2	OEM	1.5	10	17005	18059		
2.66.3	OEM	2	12	18126	---		
2.66.4	OEM	2	14	19541	---		
2.66.5	OEM	3	18	26742	---		
2.66.6	OEM	3	20	27654	---		
15H 1 1/4" Outlet							
		HP	STG	LDS (RS)	LRS(RS)		
2.67.1	OEM	0.5	4	10127	---		
2.67.2	OEM	1	7	13832	14810		
2.67.3	OEM	1.5	10	16596	17727		
2.67.4	OEM	2	13	---	20263		
2.67.5	OEM	2	14	18316	---		
20A 1.5 " Outlet							
		HP	STG	LDS (RS)	LRS(RS)		
2.68.1	OEM	1	5	13651	14582		
2.68.2	OEM	1.5	8	16387	17489		
2.68.3	OEM	2	10	17689	---		
2.68.4	OEM	3	15	26796	---		
25 2 " Outlet							
		HP	STG	LDS (RS)			
2.69.1	OEM	1.5	6	16767	---		
2.69.2	OEM	2	8	19589	---		
31 2 " Outlet							
		HP	STG	LDS (RS)			

2.70.1	OEM	2	6	20539	---		
40 2.5 " Outlet							
		HP	STG	LDS (RS)			
2.71.1	OEM	2	5	20216	---		
2.71.2	OEM	2	6	21147	---		
2.71.3	OEM	3	8	28775	---		
DJB Item Code	SOR Reference	<u>"LUBI" BRAND LRS TYPE WATER FILLED SINGLE PHASE SUBMERSIBLE PUMPSETS SUITABLE FOR 4"BORE WELL PS SERIES (Without Panel)</u>					
		4A 1 1/4" Outlet					
		HP	STG	LRS (RS)			
2.72.1	OEM	1.5	30	24652			
2.72.2	OEM	1.5	34	26144			
2.72.3	OEM	2.0	46	31236			
2.72.4	OEM	2.0	50	32651			
		5A 1 1/4" Outlet					
		HP	STG	LRS (RS)			
2.73.1	OEM	1.0	18	18943			
2.73.2	OEM	1.5	27	27246			
2.73.3	OEM	2.0	34	32053			
		6A 1 1/4" Outlet					
		HP	STG	LRS (RS)			
2.74.1	OEM	1.0	14	18430			
2.74.2	OEM	1.5	18	22477			
2.74.3	OEM	1.5	20	23009			
2.74.4	OEM	2.0	24	26809			
2.74.5	OEM	2.0	28	28158			
2.74.6	OEM	2.0	30	28623			
		6H 1 1/4" Outlet					
		HP	STG	LRS (RS)			
2.75.1	OEM	1.0	16	18734			
		8H 1 1/4" Outlet					
		HP	STG	LRS (RS)			
2.76.1	OEM	1.5	16	21707	---		
2.76.2	OEM	1.5	18	22230			
2.76.3	OEM	2.0	19	22638			
2.76.4	OEM	2.0	21	23009			
2.76.5	OEM	2.0	24	26381			
		10H 1 1/4" Outlet					

		HP	STG	LRS (RS)			
2.77.1	OEM	2.0	18	22420			
		12 1 1/4" Outlet					
		HP	STG	LRS (RS)			
2.78.1	OEM	2.0	16	21413			
		15A 1.5" Outlet					
		HP	STG	LRS (RS)			
2.78.2	OEM	2.0	12	20748			
2.78.3	OEM	2.0	14	21147			
		15H 1.5" Outlet					
		HP	STG	LRS (RS)			
2.79.1	OEM	2.0	14	21213			
		20A 1.5" Outlet					
		HP	STG	LRS (RS)			
2.80.1	OEM	2.0	10	22305			
		25 1.5" Outlet					
		HP	STG	LRS (RS)			
2.81.1	OEM	2.0	8	22486			
		31 2" Outlet					
		HP	STG	LRS (RS)			
2.82.1	OEM	2.0	6	24215			
		40 2.5" Outlet					
		HP	STG	LRS (RS)			
2.83.1	OEM	2.0	6	24291			
		4A 1 1/4" Outlet					
		HP	STG	LDS (RS)	LRS (RS)		
2.84.1	OEM	0.5	10	---	13262		
		0.5	12	12549	13556		
		5A 1 1/4" Outlet					
		HP	STG	LDS (RS)	LRS (RS)		
2.85.1	OEM	0.5	10	---	13471		
		6A 1 1/4" Outlet					
		HP	STG	LDS (RS)	LRS (RS)		
2.86.1	OEM	0.5	8	---	13262		
2.86.2	OEM	0.75	12	13186	14297		
2.86.3	OEM	1	14	13632	---		
		6B 1 1/4" Outlet					
		HP	STG	LDS (RS)	LRS (RS)		
2.87.1	OEM	0.5	8	11428	---		
		8H 1 1/4" Outlet					
		HP	STG	LDS (RS)	LRS (RS)		
2.88.1	OEM	0.5	6	10782	12920		
2.88.2	OEM	0.75	8	12511	13452		

2.88.3	OEM	1.0	11	---	14687	
2.88.4	OEM	1.5	11	---	---	
2.88.5	OEM	1.5	12	---	---	
2.88.6	OEM	1.5	14	---	17879	
10H 1 1/4" Outlet						
		HP	STG	LDS (RS)	LRS (RS)	
2.89.1	OEM	1	10	13471	14297	
2.89.2	OEM	1.5	12	---	17299	
2.89.3	OEM	1.5	14	16425	17879	
12 1 1/4" Outlet						
		HP	STG	LDS (RS)	LRS (RS)	
2.90.1	OEM	1	8	12559	13775	
2.90.2	OEM	1	10	12958	14155	
2.90.3	OEM	1.5	12	15266	16625	
15A 1.5" Outlet						
		HP	STG	LDS (RS)	LRS (RS)	
2.91.1	OEM	1.0	7	12483	13680	
2.91.2	OEM	1.5	10	14934	1670	
2.91.3	OEM	2.0	14	---	---	
15H 1 1/4" Outlet						
		HP	STG	LDS (RS)	LRS (RS)	
2.92.1	OEM	1	7	12483	13680	
2.92.2	OEM	1.5	10	14934	16701	
20A 1.5" Outlet						
		HP	STG	LDS (RS)	LRS (RS)	
2.93.1	OEM	1	5	12540	13490	
2.93.2	OEM	1.5	8	---	16179	
2.93.3	OEM	2	10	16264	---	
25 2 " Outlet						
		HP	STG	LDS (RS)	LRS (RS)	
2.94.1	OEM	1.5	6	---	16663	
2.94.2	OEM	2	8	17727	---	
2.94.3	OEM	3	12	25565	---	
8H 1 1/4" Outlet						
		HP	STG	LDS (RS)	LRS (RS)	
2.95.1	OEM	3	8			

DJB Item Code	SOR Reference	<u>"LUBI" BRAND (LDSW / LDTW TYPE) OIL FILLED SINGLE AND THREE PHASE COMPLETE STAINLESS - STEEL SUBMERSIBLE PUMPSETS SUITABLE FOR 4"BORE WELL RAINBOW PS SERIES (Without Panel)</u>				
		LDSW-2A/LDTW-2A 1.25" O/L				
		HP	STG	1 PH(Rs)	3 PH(Rs)	
2.96.1	OEM	0.5	6			
2.96.2	OEM	0.5	9			
2.96.3	OEM	0.75	13			
2.96.4	OEM	1	18			
2.96.5	OEM	1.5	23			
2.96.6	OEM	2	28			
2.96.7	OEM	2	33			
2.96.8	OEM	3	40			
2.96.9	OEM	3	48			
		LDSW-5A/LDTW-5A 1.5" O/L				
		HP	STG	1 PH(Rs)	3 PH(Rs)	
2.97.1	OEM	0.5				
2.97.2	OEM	0.75				
2.97.3	OEM	1				
2.97.4	OEM	1.5				
2.97.5	OEM	2				
2.97.6	OEM	3				
2.97.7	OEM	3				
2.97.8	OEM	4				
		LDSW-5A/LDTW-5A 1.5" O/L				
		HP	STG	1 PH(Rs)	3 PH(Rs)	
2.98.1	OEM	1	5			
2.98.2	OEM	1.5	7			
2.98.3	OEM	2	10			
2.98.4	OEM	3	12			
2.98.5	OEM	3	15			
2.98.6	OEM	4	18			
2.98.7	OEM	5	21			
2.98.8	OEM	5	25			
2.98.9	OEM	7.5	30			
DJB Item Code		<u>"LUBI" BRAND THREE PHASE MONOBLOCK PUMPING SETS AS PER IS: 9079-89 TYPE ' TEFC' , 350-440 VOLTS, 50Hz, A CLASS INSU, 2880 RPM</u>				
	2.0 HP	2880 RPM	A CLASS(Rs)			
2.99.1	LBH-1A	50 X 50	23332			
	3.0 HP	2880 RPM	A CLASS(Rs)			
2.100.1	LBH-33	50 X40	23275			

2.100.2	LBH-1	65 X50	23864			
2.100.3	LBH-2	65X50	24253			
2.100.4	LBH-2H	65 X 50	23674			
2.100.5	LBH-2A	65 X65	22895			
2.100.6	LBH-3	80 X65	24538			
	3.0 HP	2880 RPM	F CLASS(Rs)			
2.101.1	LMH-30(V)	65X50	15390			
	5.0 HP	2880 RPM	A CLASS(Rs)			
2.102.1	LBH-36	50 X40	32224			
2.102.2	LBH-46	65 X50	33734			
2.102.3	LBH-46HB	65 X50	34713			
2.102.4	LBH-46H	65 X50	35017			
2.102.5	LBH-6	65X50	33080			
2.102.6	LBH-68	100 X 75	33345			
2.102.7	LBH-4A	65 X65	31369			
2.102.8	LBH-4	65X50	31122			
2.102.9	LBH-5H	80X65	31986			
2.102.10	LBH-5	80 X65	31777			
2.102.11	LBH-5A	80 X80	31996			
	7.5 HP	2880 RPM	A CLASS(Rs)			
2.103.1	LBH-37	50X40	41933			
2.103.2	LBH-37H	65X50	42588			
2.103.3	LBH-48H	65X50	42313			
2.103.4	LBH-9H	75 X65	41239			
2.103.5	LBH-9A	75 X75	41695			
2.103.6	LBH-10	100 X 75	41733			
	10.0 HP	2880 RPM	A CLASS(Rs)			
2.104.1	LBH-41A	65 X 50	45923			
2.104.2	LBH-14H	65 X 50	46417			
2.104.3	LBH-	75 X65	45324			

	11H					
2.104.4	LBH-11HL	75 X65	44897			
2.104.5	LBH-12H	100 X 75	45742			
2.104.6	LBH-12HL	100 X 75	45761			
	12.5 HP	2880 RPM	A CLASS(Rs)			
2.105.1	LBH-18H	65 X 50	61094			
2.105.2	LBH-20H	75 X 65	60401			
2.105.3	LBH-22H	100 X 75	59384			
2.105.4	LBH-21A	100 X 100	61455			
	15.0 HP	2880 RPM	A CLASS(Rs)			
2.106.1	LBH-24H	65 X 50	66424			
2.106.2	LBH-25	75X65	67602			
2.106.3	LBH-29	100 X 75	68134			
2.106.4	LBH-29A	100 X 100	68761			
2.106.5	LBH-24	65 X 50	67991			
	20.0 HP	2880 RPM	A CLASS(Rs)			
2.107.1	LBH-40	65 X50	78527			
2.107.2	LBH-32	75 X65	78764			
2.107.3	LBH-31	100 X 75	79372			
2.107.4	LBH-30	100 X 100	79914			
	25.0 HP	2880 RPM	A CLASS(Rs)			
2.108.1	LBH-38A	100 X 75	88521			
	30.0 HP	2880 RPM	A CLASS(Rs)			
2.109.1	LBH-43	75 X65	99170			
2.109.2	LBH-44	100 X 75	99170			
2.109.3	LBH-45	125 X 100	101754			

DJB Item Code		<u>"LUBI" BRAND THREE PHASE MONOBLOCK PUMPING SETS AS PER IS: 9079-89 TYPE ' TEFC ' , 350-440 VOLTS, 50Hz, B CLASS INSU, 2880 RPM</u>				
	3.0 HP	2880 RPM	B CLASS(Rs)			
2.110.1	LBH-2	62 X50				
2.110.2	LBH-2A	62 X62				
2.110.3	LBH-2H	65X50				
	5.0 HP	2880 RPM	B CLASS(Rs)			
2.111.1	LBH-4A	62X62				
2.111.2	LBH-5	75X62				
2.111.3	LBH-6	62X50				
	7.5 HP	2880 RPM	B CLASS(Rs)			
2.112.1	LBH-8	62 X 50	407			
2.112.2	LBH-9	75X62				
2.112.3	LBH-7	65 X65				
DJB Item Code	SOR Reference	<u>"LUBI" BRAND 1(220V +5% - 15%) and 3 PHASE (380V +5% - 15%), B CLASS INSU, 50 Hz, 2900 RPM, IP68, LAP DRAINAGE PUMPS.</u>				

		MODEL	H.P	PHASE	OUTLET	Rates Rs.
2.113.1	OEM	LAP-2015	0.5	1 Phase	50 mm (2")	15552
2.113.2	OEM	LAP-2015-F With Float Switch	0,5	3 Phase	51 mm (2")	Deleted
2.113.3	OEM	LAP-2035	0.5	3 Phase	50 mm (2")	19344
2.113.4	OEM	LAP-2035 F With Float Switch	1	1 Phase	50 mm (2")	Deleted
2.113.5	OEM	LAP-2115	1	1 Phase	50 mm (2")	20096
2.113.6	OEM	LAP-2115-F With Float Switch	1	3 Phase	50 mm 2"	Deleted
2.113.7	OEM	LAP-2135	1	3 Phase	50 mm (2")	24656
2.113.8	OEM	LAP-2135-F With Float Switch	1.5	1 Phase	50 mm (2")	Deleted
2.113.9	OEM	LAP-21A15	1.5	1 Phase	50 mm (2")	25472

2.113.10	OEM	LAP-21A15-F	1.5	3 Phase	80 mm (2")	Deleted
2.113.11	OEM	LAP-21A35	1.5	3 Phase	50 mm (2")	28368
2.113.12	OEM	LAP-21A35-F With Float Switch	2	1 Phase	80 mm (2")	Deleted
2.113.13	OEM	LAP-3215	2	1 Phase	80 mm (3")	45968
2.113.14	OEM	LAP-3215-F With Float Switch	2	3 Phase	80 mm (2")	Deleted
2.113.15	OEM	LAP-3235	2	3 Phase	80 mm (3")	47376
2.113.16	OEM	LAP-3235 F With Float Switch	3	1 Phase	80 mm (2")	Deleted
2.113.17	OEM	LAP-2315	3	1 Phase	50 mm (2")	46960
2.113.18	OEM	LAP-2315 F With Float Switch	3	3 Phase	80 mm (2")	Deleted
2.113.19	OEM	LAP-2335	3	3 Phase	50 mm (2")	47296
2.113.20	OEM	LAP-2335 F With Float Switch	3	1 Phase	80 mm (3")	Deleted
2.113.21	OEM	LAP-3315	3	1 Phase	80 mm (3")	48784
2.113.22	OEM	LAP-3315 F With Float Switch	3	3 Phase	80 mm (2")	Deleted
2.113.23	OEM	LAP-3335	3	3 Phase	80 mm (3")	49184
2.113.24	OEM	LAP-3335 F With Float Switch	3	1 Phase	200 mm (3")	Deleted
2.113.25	OEM	LAP-4315	3	1 Phase	100 mm (4")	48800
2.113.26	OEM	LAP-4315 F With Float Switch	3	3 Phase	100 mm (4")	Deleted
2.113.27	OEM	LAP-4335	3	3 Phase	100 mm (4")	49216
2.113.28	OEM	LAP-4335 F With Float Switch	3	3 Phase	100 mm (4")	Deleted
DJB Item Code	SOR Reference	<u>"LUBI" BRAND 1(220V +5% - 15%) and 3 PHASE (380V +5% - 15%), B CLASS INSU, 50 Hz, 2900 RPM, IP68, LAP DRAINAGE PUMPS.</u>				
		MODEL	H.P	PHASE	OUTLET	Rates Rs.
2.114.1	OEM	LFP-2115	1	1 Phase	50 mm (2")	17863
2.114.2	OEM	LFP-2115-F With Float Switch	1	1 Phase	50 mm (2")	Deleted
2.114.3	OEM	LFP-2135	1	3 Phase	50 mm (2")	21703

2.114.4	OEM	LFP-2135-F With Float Switch	1	3 Phase	50 mm (2")	Deleted
2.114.5	OEM	LFP-2115U	1	1 Phase	50 mm (2")	16680
2.114.6	OEM	LFP-2115 U- F With Float Switch	1	1 Phase	50 mm (2")	Deleted
2.114.7	OEM	LFP-2135 U	1	3 Phase	50 mm (2")	20505
2.114.8	OEM	LFP-2135 U- F With Float Switch	1	3 Phase	50 mm (2")	Deleted
2.114.9	OEM	LFP-3215	2	1 Phase	80 mm (3")	38676
2.114.10	OEM	LFP-3215 F With Float Switch	2	1 Phase	80 mm (3")	Deleted
2.114.11	OEM	LFP-3235	2	3 Phase	80 mm (3")	31843
2.114.12	OEM	LFP-3235 F With Float Switch	2	3 Phase	80 mm (3")	Deleted
2.114.13	OEM	LFP-3215 U-F With Float Switch	2	1 Phase	80 mm (3")	38630
2.114.14	OEM	LFP-3235 U	2	3 Phase	80 mm (3")	39766
DJB Item Code	SOR Refere nce	<u>"LUBI" BRAND (LSM - AF & LSB - AF TYPE WITH S.S IMPELLER) MIXED FLOW SUBMERSIBLE PUMPSETS AS PER IS: 8034 SUITABLE FOR 6"BORE WELL</u>				
		LSM-10 AF/2.5" OIL				
		HP	STG	PS Rs.	PSLV Rs.	
2.115.1	OEM	3	3	31587	33430	
2.115.2	OEM	4	4	33354	35216	
2.115.3	OEM	5	5	37344	39235	
2.115.4	OEM	6	6	39282	41144	
2.115.5	OEM	7.5	7	---	---	
2.115.6	OEM	7.5	8	47908	49742	
2.115.7	OEM	10	10	57351	59185	
2.115.8	OEM	12.5	12	---	---	
2.115.9	OEM	15.0	15	---	---	
2.115.10	OEM	17.5	17	---	---	
2.115.11	OEM	20	18	---	---	
2.115.12	OEM	20	19	---	---	
2.115.13	OEM	20	20	---	---	
2.115.14	OEM	25.0	22	---	---	
2.115.15	OEM	25.0	25	---	---	
					Rates Rs.	

LSM-12 AF/2.5" OIL						
	OEM	HP	STG		PS	PSLV
2.116.1	OEM	4	3		31587	---
2.116.2	OEM	5	4		35577	37487
2.116.3	OEM	6	5		37553	39425
2.116.4	OEM	7.5	6		43557	45429
2.116.5	OEM	10	8		51832	55423
2.116.6	OEM	12.5	10		---	---
2.116.7	OEM	15	12		74432	---
2.116.8	OEM	15,0	13		---	---
2.116.9	OEM	17.5	14		---	---
2.116.10	OEM	20	14		---	---
2.116.11	OEM	20	16		---	---
2.116.12	OEM	25	20		---	---
2.116.13	OEM	25	22		---	---
2.116.14	OEM	30	24		---	---
LSM-14 AF/2.5" OIL					Rates Rs.	
	OEM	HP	STG		PS	PSLV
2.117.1	OEM	3	4		---	3454
2.117.2	OEM	4	3		31587	---
2.117.3	OEM	6	3		---	---
2.117.4	OEM	0	4		---	---
2.117.5	OEM	7.5	3		---	37981
2.117.6	OEM	10	7		51794	---
2.117.7	OEM	7.5	5		41819	---
2.117.8	OEM	12.5	10		---	---
2.117.9	OEM	15	10		---	---
2.117.10	OEM	15	12		---	---
2.117.11	OEM	17.5	12		---	---
2.117.12	OEM	17.5	14		---	---
2.117.13	OEM	20	14		---	---
2.117.14	OEM	20	16		---	---
2.117.15	OEM	25	18		---	---
2.117.16	OEM	30	21		---	---
LSM-16 AF/3" OIL					Rates Rs.	
	OEM	HP	STG		PS	PSLV
2.118.1	OEM	4	3		---	---
2.118.2	OEM	5	3		34456	36394
2.118.3	OEM	6	4		35767	37648
2.118.4	OEM	7.5	4		---	---
2.118.5	OEM	7.5	5		41819	43662
2.118.6	OEM	10	6		49324	51138
2.118.7	OEM	5	4		35577	---

2.118.8	OEM	12.5	8			
2.118.9	OEM	15	9			
2.118.10	OEM	15	10			
2.118.11	OEM	17.5	11			
2.118.12	OEM	20	13			
2.118.13	OEM	25	14			
2.118.14	OEM	25	16			
2.118.15	OEM	30	18			
2.118.16	OEM	30	19			
		LSM-20 AF/ 3 " OIL			Rates Rs.	
		HP	STG		PS	PSLV
2.119.1	OEM	4	3		34181	---
2.119.2	OEM	5	3		35321	---
2.119.3	OEM	6	3		36594	38446
2.119.4	OEM	6	4		---	---
2.119.5	OEM	7.5	4		43386	45229
2.119.6	OEM	7.5	5		45885	47737
2.119.7	OEM	10	5		51632	53428
2.119.8	OEM	10	6		54872	---
2.119.9	OEM	12.5	6			
2.119.10	OEM	12.5	7			
2.119.11	OEM	15	7			
2.119.12	OEM	15	8			
2.119.13	OEM	15	9			
2.119.14	OEM	17.5	8			
2.119.15	OEM	17.5	10			
2.119.16	OEM	20	9			
2.119.17	OEM	20	10			
2.119.18	OEM	25	12			
2.119.19	OEM	30	14			
2.119.20	OEM	30	15			
2.119.21	OEM	35	17			
2.119.22	OEM	40	22			
		LSM-25 AF/ 3 " OIL			Rates Rs.	
		HP	STG		PS	PSLV
2.120.1	OEM	5	2		33915	35834
2.120.2	OEM	7.5	3		40992	---
2.120.3	OEM	7.5	4		43519	45381
2.120.4	OEM	10	4		49248	---
2.120.5	OEM	10	5		51794	---
2.120.6	OEM	12.5	5			
2.120.7	OEM	12.5	6			
2.120.8	OEM	15	6			
2.120.9	OEM	15	7			
2.120.10	OEM	17.5	7			
2.120.11	OEM	20	8			

2.120.12	OEM	20	9			
2.120.13	OEM	25	10			
2.120.14	OEM	30	12			
2.120.15	OEM	35	14			
		LSM-30 AF/ 3 " OIL			RATES RS.	
		HP	STG		PS	PSLV
2.121.1	OEM	6	2		34200	36024
2.121.2	OEM	10	4		49257	---
2.121.3	OEM	10	3		46702	---
2.121.4	OEM	12.5	5			
2.121.5	OEM	15	5			
2.121.6	OEM	20	7			
2.121.7	OEM	20	8			
2.121.8	OEM	25	8			
2.121.9	OEM	30	10			

2 (e) Rates for Electronic Dosing Pumps :-
 (Rates are inclusive of CP and exclusive of cartage, GST)

DJB Item Code	SOR Reference	Description	Unit	Rates Rs.
2.122.1	OEM	Electronic Dosing pump Model No. B-12 Flow rate – 9.5LPH Pressure – 7KG/CM ² MOC – PP Make – Milton Roy	Each	33,400/-
2.122.2	OEM	Electronic Dosing pump Model No. UC-11 Flow rate – 4 LPH Pressure – 5.5 KG/CM ² MOC – PP Make – Milton Roy	Each	7900/-

CHAPTER-3

MOTORS

3 (a) Rates for 'ABB' make electric motors:-
(Rates are inclusive of CP, cartage and exclusive of GST)

Energy Efficient Totally Enclosed Fan Cooled (TEFC) Squirrel Cage Induction Motors (IE2) (Enclosure conforming to protection IP55) Horizontal Foot Mounted Induction Motors, continuously rated suitable for operation on 415V+/-10%, 50Hz+/-5%, A.C. supply with class 'F' insulation for 50 Deg C ambient temperature and altitude less than 1000M above MSL and confirming to IEC:60034-1 & IS 12615:2018.						
DJB Item Code	SOR Reference	Description				
		TWO POLE				
		KW	HP	Frame	Unit	Rate Rs.
3.1.1	OEM	0.37	0.5	M2BAX71MA2	-	9600
3.1.2	OEM	0.55	0.75	M2BAX71MB2	Each	10800
3.1.3	OEM	0.75	1	M2BAX80MA2	Each	11700
3.1.4	OEM	1.1	1.5	M2BAX80MB2	Each	13200
3.1.5	OEM	1.5	2	M2BAX90SA2	Each	16200
3.1.6	OEM	2.2	3	M2BAX90LA2	Each	19200
3.1.7	OEM	3.7	5	M2BAX100LC2	Each	25200
3.1.8	OEM	5.5	7.5	M2BAX132SA2	Each	40200
3.1.9	OEM	7.5	10	M2BAX132SB2	Each	42000
3.1.10	OEM	9.3	12.5	M2BAX160MLJ2	Each	76200
3.1.11	OEM	11	15	M2BAX160MLA2	Each	80700
3.1.12	OEM	15	20	M2BAX160MLB2	Each	91200
3.1.13	OEM	18.5	25	M2BAX160MLC2	Each	108900
3.1.14	OEM	22	30	M2BAX180MLA2	Each	123000
3.1.15	OEM	30	40	M2BAX200MLA2	Each	174000
3.1.16	OEM	37	50	M2BAX200MLB2	Each	202800
3.1.17	OEM	45	60	M2BAX225SMA2	Each	266400
3.1.18	OEM	55	75	M2BAX250SMA2	Each	366000
3.1.19	OEM	75	100	M2BAX280SA2	Each	518100
3.1.20	OEM	90	120	M2BAX280SMB2	Each	585000
3.1.21	OEM	110	150	M2BAX315SMA2	Each	708300
3.1.22	OEM	125	170	M2BAX315SB2	Each	855000
3.1.23	OEM	132	180	M2BAX315SMB2	Each	864600
3.1.24	OEM	160	215	M2BAX315SMC2	Each	947400
3.1.25	OEM	180	240	M2BAX315MA2	Each	997800
3.1.26	OEM	200	270	M2BAX315MLA2	Each	1098900
3.1.27	OEM	225	300	M2BAX355SA2	Each	1200000
3.1.28	OEM	250	335	M2BAX355SMA2	Each	1289700
3.1.29	OEM	315	425	M2BAX355SMB2	Each	1425000
3.1.30	OEM	355	475	M2BAX355SMC2	EACH	1602600
3.1.31	OEM	375	500	E2BA355MLD2	EACH	1800000

Energy Efficient Totally Enclosed Fan Cooled (TEFC) Squirrel Cage Induction Motors (IE2)
 (Enclosure conforming to protection IP55) Horizontal Foot Mounted Induction Motors, continuously rated suitable for operation on 415V+/-10%, 50Hz+/-5%, A.C. supply with class 'F' insulation for 50 Deg C ambient temperature and altitude less than 1000M above MSL and conforming to IEC:60034-1 & IS 12615:2018.

DJB Item Code	SOR Reference	Description				
		FOUR POLE				
		KW	HP	Frame	Unit	Rates Rs.
3.2.1	OEM	0.37	0.5	M2BAX71MB4	-	10500
3.2.2	OEM	0.55	0.75	M2BAX80MA4	Each	12600
3.2.3	OEM	0.75	1	M2BAX80MB4	Each	13500
3.2.4	OEM	1.1	1.5	M2BAX90SA4	Each	16200
3.2.5	OEM	1.5	2	M2BAX90LA4	Each	18600
3.2.6	OEM	2.2	3	M2BAX100LA4	Each	22200
3.2.7	OEM	3.7	5	M2BAX112MA4	Each	28800
3.2.8	OEM	5.5	7.5	M2BAX132SA4	Each	39000
3.2.9	OEM	7.5	10	M2BAX132MA4	Each	44700
3.2.10	OEM	9.3	12.5	M2BAX160MLJ4	Each	72000
3.2.11	OEM	11	15	M2BAX160MLA4	Each	76200
3.2.12	OEM	15	20	M2BAX160MLB4	Each	88200
3.2.13	OEM	18.5	25	M2BAX180MLA4	Each	117600
3.2.14	OEM	22	30	M2BAX180MLB4	Each	126000
3.2.15	OEM	30	40	M2BAX200MLA4	Each	174000
3.2.16	OEM	37	50	M2BAX225SMA4	Each	203400
3.2.17	OEM	45	60	M2BAX225SMB4	Each	244500
3.2.7	OEM	55	75	M2BAX250SMA4	Each	336000
3.2.19	OEM	75	100	M2BAX280SA4	Each	476700
3.2.20	OEM	90	120	M2BAX280SMB4	Each	534000
3.2.21	OEM	110	150	M2BAX315SMA4	Each	638100
3.2.22	OEM	125	170	M2BAX315SB4	Each	736500
3.2.23	OEM	132	180	M2BAX315SMB4	Each	742500
3.2.24	OEM	160	215	M2BAX315SMC4	Each	855900
3.2.25	OEM	180	240	M2BAX315MA4	Each	913200
3.2.26	OEM	200	270	M2BAX315MLA4	Each	1029300
3.2.27	OEM	225	300	M2BAX355SA4	Each	1176000
3.2.28	OEM	250	335	M2BAX355SMA4	Each	1245600
3.2.29	OEM	315	425	M2BAX355SMB4	Each	1441800
3.2.30	OEM	355	475	M2BAX355SMC4	EACH	1752000
3.2.31	OEM	400	540	E2BA355MLB4h	EACH	1913400

Energy Efficient Totally Enclosed Fan Cooled (TEFC) Squirrel Cage Induction Motors (IE2)
(Enclosure confirming to protection IP55) Horizontal Foot Mounted Induction Motors, continuously rated suitable
for operation on 415V+/-10%, 50Hz+/-5%, A.C. supply with class 'F' insulation for 50 Deg C ambient temperature and altitude less
than 1000M above MSL and confirming to IEC:60034-1 & IS 12615:2018.

DJB Item Code	SOR Reference	Description				
		SIX POLE				
		KW	HP	Frame	Unit	Rates Rs.
3.3.1	OEM	0.37	0.5	M2BAX80MA6	-	12900
3.3.2	OEM	0.55	0.75	M2BAX80MB6	Each	13500
3.3.3	OEM	0.75	1	M2BAX90SA6	Each	17100
3.3.4	OEM	1.1	1.5	M2BAX90LA6	Each	18600
3.3.5	OEM	1.5	2	M2BAX100LA6	Each	23400
3.3.6	OEM	2.2	3	M2BAX112MA6	Each	27300
3.3.7	OEM	3.7	5	M2BAX132SB6	Each	42000
3.3.8	OEM	5.5	7.5	M2BAX132MB6	Each	49500
3.3.9	OEM	7.5	10	M2BAX160MLA6	Each	78000
3.3.10	OEM	9.3	12.5	M2BAX160MLJ6	Each	92400
3.3.11	OEM	11	15	M2BAX160MLB6	Each	99000
3.3.12	OEM	15	20	M2BAX180MLA6	Each	126000
3.3.13	OEM	18	25	M2BAX200MLA6	Each	158700
3.3.14	OEM	22	30	M2BAX200MLB6	Each	1713300
3.3.15	OEM	30	40	M2BAX225SMA6	Each	244500
3.3.16	OEM	37	50	M2BAX250SMA6	Each	327000
3.3.17	OEM	45	60	M2BAX280SA6	Each	451800
3.3.18	OEM	55	75	M2BAX280SB6	Each	513900
3.3.19	OEM	75	100	M2BAX315SMA6	Each	595500
3.3.20	OEM	90	120	M2BAX315SMB6	Each	732900
3.3.21	OEM	110	150	M2BAX315SMC6	Each	824100
3.3.22	OEM	125	170	M2BAX315MA6	Each	964200
3.3.23	OEM	132	180	M2BAX315MLA6	Each	969000
3.3.24	OEM	160	215	M2BAX355SMA6	Each	1042500
3.3.25	OEM	200	270	M2BAX355SMB6	Each	1251600
3.3.26	OEM	250	335	M2BAX355SMC6	Each	1314000
3.3.27	OEM	275	370	E2BA355MLB6k	Each	1599900
3.3.28	OEM	315	425	E2BA355MLB6	Each	1941000
3.3.29	OEM	355*	475	E2BA355MLB6h	Each	1970100

Energy Efficient Totally Enclosed Fan Cooled (TEFC) Squirrel Cage Induction Motors (IE2)
 (Enclosure conforming to protection IP55) Horizontal Foot Mounted Induction Motors, continuously rated suitable for operation on 415V+/-10%, 50Hz+/-5%, A.C. supply with class 'F' insulation for 50 Deg C ambient temperature and altitude less than 1000M above MSL and confirming to IEC:60034-1 & IS 12615:2018.

DJB Item Code	SOR Reference	Description				
		Eight POLE				
		KW	HP	Frame	Unit	Rates Rs.
3.4.1	OEM	0.09	0.12	M2BAX71MA8	-	10800
3.4.2	OEM	0.12	0.16	M2BAX71MB8	Each	11400
3.4.3	OEM	0.18	0.25	M2BAX80MA8	Each	13200
3.4.4	OEM	0.25	0.34	M2BAX80MB8	Each	13500
3.4.5	OEM	0.37	0.5	M2BAX90SA8	Each	17400
3.4.6	OEM	0.55	0.75	M2BAX90LA8	Each	18600
3.4.7	OEM	0.75	1	M2BAX100LA8	Each	23100
3.4.8	OEM	1.1	1.5	M2BAX100LB8	Each	25500
3.4.9	OEM	1.5	2	M2BAX112MA8	Each	29400
3.4.10	OEM	2.2	3	M2BAX132SA8	Each	47100
3.4.11	OEM	3.7	5	M2BAX160MLA8	Each	65100
3.4.12	OEM	5.5	7.5	M2BAX160MLB8	Each	82500
3.4.13	OEM	7.5	10	M2BAX160MLC8	Each	99000
3.4.14	OEM	9.3	12.5	M2BAX180MLA8	Each	126300
3.4.15	OEM	11	15	M2BAX180MLB8	Each	136800
3.4.16	OEM	15	20	M2BAX200MLA8	Each	175200
3.4.17	OEM	18.5	25	M2BAX225SMA8	Each	225000
3.4.18	OEM	22	30	M2BAX225SMB8	Each	264000
3.4.19	OEM	30	40	M2BAX250SMA8	Each	330000
3.4.20	OEM	37	50	M2BAX280SA8	Each	472800
3.4.21	OEM	45	60	M2BAX280SB8	Each	528000
3.4.22	OEM	55	75	M2BAX315SMA8	Each	668100
3.4.23	OEM	75	100	M2BAX315SMB8	Each	783000
3.4.24	OEM	90	120	M2BAX315SMC8	Each	852000
3.4.25	OEM	110	150	M2BAX315MLA8	Each	942600
3.4.26	OEM	132	180	M2BAX355SMA8	Each	1143000
3.4.27	OEM	150	200	M2BAX355SB8	Each	1216800
3.4.28	OEM	160	215	M2BAX355SMB8	Each	1280700
3.4.29	OEM	180	240	M2BAX355SC8	Each	1406400
3.4.30	OEM	200	270	M2BAX355SMC8	EACH	1509000
3.4.31	OEM	225	300	E2BA355MLB8h	EACH	1830000
3.4.32	OEM	250*	335	E2BA355MLB8k	EACH	2100000

Energy Efficient Totally Enclosed Fan Cooled (TEFC) Squirrel Cage Induction Motors (IE3)

(Enclosure confirming to protection IP55) Horizontal Foot Mounted Induction Motors, continuously rated suitable for operation on 415V+/-10%, 50Hz+/-5%, A.C. supply with class 'F' insulation for 50 Deg C ambient temperature and altitude less than 1000M above MSL and confirming to IEC:60034-1 & IS 12615:2018.

DJB Item Code	SOR Reference	Description				
		Eight POLE				
		KW	HP	Frame	Unit	Rates Rs.
3.5.1	OEM	0.37	0.5	M2BAX71MC2	-	11400
3.5.2	OEM	0.55	0.75	M2BAX71MB2	Each	12900
3.5.3	OEM	0.75	1	M2BAX80MC2	Each	13500
3.5.4	OEM	1.1	1.5	M2BAX80MD2	Each	16800
3.5.5	OEM	1.5	2	M2BAX90SB2	Each	18000
3.5.6	OEM	2.2	3	M2BAX90SLA2	Each	21600
3.5.7	OEM	3.7	5	M2BAX100LKB2	Each	33000
3.5.8	OEM	5.5	7.5	M2BAX132SMA2	Each	49800
3.5.9	OEM	7.5	10	M2BAX132SMB2	Each	54000
3.5.10	OEM	9.3	12.5	M2BAX160MLJ2	Each	82800
3.5.11	OEM	11	15	M2BAX160MLA2	Each	90000
3.5.12	OEM	15	20	M2BAX160MLB2	Each	102600
3.5.13	OEM	18.5	25	M2BAX160MLC2	Each	126000
3.5.14	OEM	22	30	M2BAX180MLA2	Each	134100
3.5.15	OEM	30	40	M2BAX200MLA2	Each	202200
3.5.16	OEM	37	50	M2BAX200MLB2	Each	240600
3.5.17	OEM	45	60	M2BAX225SMA2	Each	303600
3.5.18	OEM	55	75	M2BAX250SMA2	Each	396000
3.5.19	OEM	75	100	M2BAX280SMB2	Each	570000
3.5.20	OEM	90	120	M2BAX280SMC2	Each	641700
3.5.21	OEM	110	150	M2BAX315SMB2	Each	772200
3.5.22	OEM	125	170	M2BAX315SC2	Each	920400
3.5.23	OEM	132	180	M2BAX315SMC2	Each	929400
3.5.24	OEM	160	215	M2BAX315SMD2	Each	1018200
3.5.25	OEM	180	240	M2BAX315MA2	Each	1119600
3.5.26	OEM	200	270	M2BAX315MLA2	Each	1158600
3.5.27	OEM	225	300	M2BAX355SA2	Each	1320000
3.5.28	OEM	250	335	M2BAX355SMA2	Each	1446000
3.5.29	OEM	315	425	M2BAX355SMB2	Each	1545000
3.5.30	OEM	355	475	M2BAX355SMC2	EACH	1714500
3.5.31	OEM	375	500	E3BA355MLD2	EACH	1962600

Energy Efficient Totally Enclosed Fan Cooled (TEFC) Squirrel Cage Induction Motors (IE3)
 (Enclosure conforming to protection IP55) Horizontal Foot Mounted Induction Motors, continuously rated suitable for
 operation on 415V+/-10%, 50Hz+/-5%, A.C. supply with class 'F' insulation for 50 Deg C ambient temperature and
 altitude less than 1000M above MSL and confirming to IEC:60034-1 & IS 12615:2018.

DJB Item Code	SOR Reference	Description				
		FOUR POLE				
		KW	HP	Frame	Unit	Rates Rs.
3.6.1	OEM	0.37	0.5	M2BAX71MLA4	-	12300
3.6.2	OEM	0.55	0.75	M2BAX80MC4	Each	14700
3.6.3	OEM	0.75	1	M2BAX80MLA4	Each	15900
3.6.4	OEM	1.1	1.5	M2BAX90SB4	Each	17700
3.6.5	OEM	1.5	2	M2BAX90SLA4	Each	20400
3.6.6	OEM	2.2	3	M2BAX100LB4	Each	24900
3.6.7	OEM	3.7	5	M2BAX112MLA4	Each	33600
3.6.8	OEM	5.5	7.5	M2BAX132SMA4	Each	47700
3.6.9	OEM	7.5	10	M2BAX132MLA4	Each	51600
3.6.10	OEM	9.3	12.5	M2BAX160MLJ4	Each	87600
3.6.11	OEM	11	15	M2BAX160MLA4	Each	89700
3.6.12	OEM	15	20	M2BAX160MLB4	Each	109500
3.6.13	OEM	18.5	25	M2BAX180MLA4	Each	135000
3.6.14	OEM	22	30	M2BAX180MLB4	Each	142200
3.6.15	OEM	30	40	M2BAX200MLA4	Each	192900
3.6.16	OEM	37	50	M2BAX225SMA4	Each	243000
3.6.17	OEM	45	60	M2BAX225SMB4	Each	287400
3.6.18	OEM	55	75	M2BAX250SMA4	Each	375000
3.6.19	OEM	75	100	M2BAX280SMB4	Each	504900
3.6.20	OEM	90	120	M2BAX280SMC4	Each	585600
3.6.21	OEM	110	150	M2BAX315SMB4	Each	683400
3.6.22	OEM	125	170	M2BAX315SC4	Each	787800
3.6.23	OEM	132	180	M2BAX315SMC4	Each	797400
3.6.24	OEM	160	215	M2BAX315SMD4	Each	945600
3.6.25	OEM	180	240	M2BAX315MB4	Each	1038900
3.6.26	OEM	200	270	M2BAX315MLB4	Each	1132200
3.6.27	OEM	225	300	M2BAX355SA4	Each	1327500
3.6.28	OEM	250	335	M2BAX355SMA4	Each	1376700
3.6.29	OEM	315	425	M2BAX355SMB4	Each	1579200
3.6.30	OEM	355	475	M2BAX355SMC4	EACH	1853400
3.6.31	OEM	400	540	E3BA355MLB4h	EACH	2085900

Energy Efficient Totally Enclosed Fan Cooled (TEFC) Squirrel Cage Induction Motors (IE3)
 (Enclosure conforming to protection IP55) Horizontal Foot Mounted Induction Motors, continuously rated suitable for operation on 415V+/-10%, 50Hz+/-5%, A.C. supply with class 'F' insulation for 50 Deg C ambient temperature and altitude less than 1000M above MSL and confirming to IEC:60034-1 & IS 12615:2018.

DJB Item Code	SOR Reference	Description				
		SIX POLE				
		KW	HP	Frame	Unit	Rates Rs.
3.7.1	OEM	0.37	0.5	M2BAX80MC6	-	14700
3.7.2	OEM	0.55	0.75	M2BAX80MLA6	Each	15900
3.7.3	OEM	0.75	1	M2BAX90SLA6	Each	18600
3.7.4	OEM	1.1	1.5	M2BAX90LB6	Each	22800
3.7.5	OEM	1.5	2	M2BAX100LKA6	Each	27600
3.7.6	OEM	2.2	3	M2BAX112MLA6	Each	30900
3.7.7	OEM	3.7	5	M2BAX132SMB6	Each	47700
3.7.8	OEM	5.5	7.5	M2BAX132MLA6	Each	60600
3.7.9	OEM	7.5	10	M2BAX160MLA6	Each	83400
3.7.10	OEM	9.3	12.5	M2BAX160MLJ6	Each	98400
3.7.11	OEM	11	15	M2BAX160MLB6	Each	107100
3.7.12	OEM	15	20	M2BAX180MLA6	Each	139500
3.7.13	OEM	18.5	25	M2BAX200MLA6	Each	180900
3.7.14	OEM	22	30	M2BAX200MLB6	Each	191100
3.7.15	OEM	30	40	M2BAX225SMA6	Each	285300
3.7.16	OEM	37	50	M2BAX250SMA6	Each	372000
3.7.17	OEM	45	60	M2BAX280SMB6	Each	498000
3.7.18	OEM	55	75	M2BAX280SMC6	Each	566400
3.7.19	OEM	75	100	M2BAX315SMB6	Each	653400
3.7.20	OEM	90	120	M2BAX315SMC6	Each	814500
3.7.21	OEM	110	150	M2BAX315SMD6	Each	898200
3.7.22	OEM	125	170	M2BAX315MB6	Each	1032900
3.7.23	OEM	132	180	M2BAX315MLB6	Each	1042800
3.7.24	OEM	160	215	M2BAX355SMA6	Each	1188000
3.7.25	OEM	200	270	M2BAX355SMB6	Each	1389000
3.7.26	OEM	250	335	M2BAX355SMC6	Each	1463700
3.7.27	OEM	275	370	E3BA355MLB6k	Each	1930200
3.7.28	OEM	315	425	E3BA355MLB6	Each	2101200
3.7.29	OEM	355*	475	E3BA355MLB6h	Each	2137500

Energy Efficient Totally Enclosed Fan Cooled (TEFC) Squirrel Cage Induction Motors (IE3)
 (Enclosure conforming to protection IP55) Horizontal Foot Mounted Induction Motors, continuously rated suitable for operation on
 415V+/-10%, 50Hz+/-5%, A.C. supply with class 'F' insulation for 50 Deg C ambient temperature and altitude less than 1000M
 above MSL and confirming to IEC:60034-1 & IS 12615:2018.

DJB Item Code	SOR Reference	Description				
		Eight POLE				
		KW	HP	Frame	Unit	Rates Rs.
3.8.1	OEM	0.09	0.12	M2BAX71MA8	-	13500
3.8.2	OEM	0.12	0.16	M2BAX71MB8	Each	13800
3.8.3	OEM	0.18	0.25	M2BAX80MA8	Each	14700
3.8.4	OEM	0.25	0.34	M2BAX80MB8	Each	15900
3.8.5	OEM	0.37	0.5	M2BAX90SA8	Each	17700
3.8.6	OEM	0.55	0.75	M2BAX90LA8	Each	21600
3.8.7	OEM	0.75	1	M2BAX100LKA8	Each	27000
3.8.8	OEM	1.1	1.5	M2BAX100LKB8	Each	30900
3.8.9	OEM	1.5	2	M2BAX112MLA8	Each	34200
3.8.10	OEM	2.2	3	M2BAX132SMA8	Each	54000
3.8.11	OEM	3.7	5	M2BAX160MLA8	Each	75900
3.8.12	OEM	5.5	7.5	M2BAX160MLB8	Each	89700
3.8.13	OEM	7.5	10	M2BAX160MLC8	Each	112200
3.8.14	OEM	9.3	12.5	M2BAX180MLA8	Each	142800
3.8.15	OEM	11	15	M2BAX180MLB8	Each	153900
3.8.16	OEM		20	M2BAX200MLA8	Each	211800
3.8.17	OEM		25	M2BAX225SMA8	Each	268200
3.8.18	OEM	22	30	M2BAX225SMB8	Each	297300
3.8.19	OEM	15	40	M2BAX250SMA8	Each	382200
3.8.20	OEM	18.5	50	M2BAX280SA8	Each	540000
3.8.21	OEM	45	60	M2BAX280SB8	Each	619800
3.8.22	OEM	55	75	M2BAX315SMA8	Each	755700
3.8.23	OEM	75	100	M2BAX315SMB8	Each	900000
3.8.24	OEM	90	120	M2BAX315SMC8	Each	1020000
3.8.25	OEM	110	150	M2BAX315MLA8	Each	1080000
3.8.26	OEM	132	180	M2BAX355SMA8	Each	1320000
3.8.27	OEM	150	200	M2BAX355SB8	Each	1440000
3.8.28	OEM	160	215	M2BAX355SMB8	Each	1500000
3.8.29	OEM	180	240	M2BAX355SC8	Each	1530000
3.8.30	OEM	200	270	M2BAX355SMC8	Each	1620000
3.8.31	OEM	225	300	E3BA355MLB8h	Each	2160000
3.8.32	OEM	250*	335	E3BA355MLB8k	Each	2220000

FRSM - 63 Effective from 15.01.2021
(Superseding FLP - 01 Effective from 19.06.2018)
Totally Enclosed Fan Cooled (TEFC) Squirrel Cage Flame Proof Motors
Enclosure conforming to protection IP55 as per IEC: 60034-5:2006, Horizontal foot mounted (B3)
induction motors, continuously rated suitable for , operation on 415V+/-10%, 3 phase, 50Hz+/-
5%A.C supply with class 'F' insulation for 0 - 50 Deg.C ambient temperature in Gas Group IIA &
IIB and altitude less than 1000M above MSL and conforming to IS/IEC 60079-1 (2007)

DJB Item Code	SOR Reference	Description				
		Two Pole				
		KW	HP	Frame	Unit	Rates Rs.
3.9.1	OEM	0.37	0.5	JHX71C2	-	18900
3.9.2	OEM	0.55	0.75	JHX71D2	Each	2100
3.9.3	OEM	0.75	1	JHX80C2	Each	21900
3.9.4	OEM	1.1	1.5	JHX80D2	Each	24000
3.9.5	OEM	1.5	2	JHX90SLC2	Each	27600
3.9.6	OEM	2.2	3	JHX90SLD2	Each	33600
3.9.7	OEM	3.7	5	JHX100LB2	Each	43500
3.9.8	OEM	5.5	7.5	JHX132SMB2	Each	61500
3.9.9	OEM	7.5	10	JHX132SMC2	Each	67200
3.9.10	OEM	9.3	12.5	JHX132SME2	Each	95700
3.9.11	OEM	11	15	JHX160MLB2	Each	118200
3.9.12	OEM	15	20	JHX160MLD2	Each	143400
3.9.13	OEM	18.5	25	JHX160MLE2	Each	163200
3.9.14	OEM	22	30	JHX180MLB2	Each	201600
3.9.15	OEM	30	40	JHX200MLB2	Each	262200
3.9.16	OEM	37	50	JHX200MLC2	Each	339000

DJB Item Code	SOR Reference	Description				
		Four Pole				
		KW	HP	Frame	Unit	Rates Rs.
3.10.1	OEM	0.25	0.33	JHX71B4	-	18300
3.10.2	OEM	0.37	0.5	JHX71C4	Each	18600
3.10.3	OEM	0.55	0.75	JHX80D4	Each	20400
3.10.4	OEM	0.75	1	JHX80E4	Each	21300
3.10.5	OEM	1.1	1.5	JHX90SLD4	Each	24900
3.10.6	OEM	1.5	2	JHX90SLE4	Each	26400
3.10.7	OEM	2.2	3	JHX100LB4	Each	34500
3.10.8	OEM	3.7	5	JHX112MB4	Each	42900
3.10.9	OEM	5.5	7.5	JHX132SMC4	Each	58200
3.10.10	OEM	7.5	10	JHX132SME4	Each	66300
3.10.11	OEM	9.3	12.5	JHX160MLB4	Each	101400
3.10.12	OEM	11	15	JHX160MLD4	Each	107100
3.10.13	OEM	15	20	JHX160MLE4	Each	130500
3.10.14	OEM	18.5	25	JHX180MLB4	Each	153900
3.10.15	OEM	22	30	JHX180MLC4	Each	177000

3.10.16	OEM	30	40	JHX200MLC4	Each	238200
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DJB Item Code	SOR Reference	Description					Rates Rs.
		Six Pole					
		KW	HP	Frame	Unit		
3.11.1	OEM	0.25	0.33	JHX80D6	-	23100	
3.11.2	OEM	0.37	0.5	JHX80D6	Each	21300	
3.11.3	OEM	0.55	0.75	JHX80E6	Each	21900	
3.11.4	OEM	0.75	1	JHX90SLD6	Each	25500	
3.11.5	OEM	1.1	1.5	JHX90SLE6	Each	27300	
3.11.6	OEM	1.5	2	JHX100LB6	Each	38400	
3.11.7	OEM	2.2	3	JHX112MB6	Each	44400	
3.11.8	OEM	3.7	5	JHX132SMC6	Each	58800	
3.11.9	OEM	5.5	7.5	JHX132SME6	Each	71100	
3.11.10	OEM	7.5	10	JHX160MLC6	Each	110100	
3.11.11	OEM	9.3	12.5	JHX160MLD6	Each	128100	
3.11.12	OEM	11	15	JHX160MLE6	Each	134700	
3.11.13	OEM	15	20	JHX180MLC6	Each	184800	
3.11.14	OEM	18.5	25	JHX200MLB6	Each	226500	
3.11.15	OEM	22	30	JHX200MLC6	Each	245700	

DJB Item Code	SOR Reference	Description					Rates Rs.
		Eight Pole					
		KW	HP	Frame	Unit		
3.12.1	OEM	0.37	0.5	JHX90SLA8	-	25500	
3.12.2	OEM	0.55	0.75	JHX90SLD8	Each	27900	
3.12.3	OEM	0.75	1	JHX100LA8	Each	33600	
3.12.4	OEM	1.1	1.5	JHX100LB8	Each	39000	
3.12.5	OEM	1.5	2	JHX112MA8	Each	45900	
3.12.6	OEM	2.2	3	JHX132SMB8	Each	60600	
3.12.7	OEM	3.7	5	JHX160MLB8	Each	112800	
3.12.8	OEM	5.5	7.5	JHX160MLD8	Each	137400	
3.12.9	OEM	7.5	10	JHX160MLE8	Each	176700	
3.12.10	OEM	9.3	12.5	JHX180MLA8	Each	186000	
3.12.11	OEM	11	15	JHX180MLB8	Each	252000	
3.12.12	OEM	15	20	JHX200MLC8	Each		

FRSM - 63 Effective from 15.01.2021

(Superseding SV-01 Smoke Effective from 02.02.2018)

1. Smoke Venting Energy Efficient Totally Enclosed Fan Cooled (TEFC) Squirrel Cage Motors (IE2)
(Enclosure confirming to protection IP55) Horizontal Foot Mounted Induction Motors, continuously rated suitable for operation on 415V+/-10%, 50Hz+/-5%, A.C. supply with class 'H' insulation for 50 Deg. C ambient temperature continuous and

250 Deg.C for 2 Hrs., Altitude less than 1000M above MSL.

Reference Standard: IEC:60034-30-1:2014, IEC:60034-1:2010 & BS EN12101-3:2002

DJB Item Code	SOR Reference	Description				Unit	Rates Rs.
		Two Pole					
		KW	HP	Frame			
3.13.1	OEM	0.37	0.5	S2BAX71MA2 IE2	-	12300	
3.13.2	OEM	0.55	0.75	S2BAX71MB2 IE2	Each	1380	
3.13.3	OEM	0.75	1	S2BAX80MA2 IE2	Each	14100	
3.13.4	OEM	1.1	1.5	S2BAX80MB2 IE2	Each	15600	
3.13.5	OEM	1.5	2	S2BAX90SA2 IE2	Each	19200	
3.13.6	OEM	2.2	3	S2BAX90LA2 IE2	Each	23400	
3.13.7	OEM	3.7	5	S2BAX100LC2 IE2	Each	31800	
3.13.8	OEM	5.5	7.5	S2BAX132SA2 IE2	Each	46500	
3.13.9	OEM	7.5	10	S2BAX132SB2 IE2	Each	48600	
3.13.10	OEM	9.3	12.5	S2BAX160MLJ2 IE2	Each	80400	
3.13.11	OEM	11	15	S2BAX160MLA2 IE2	Each	88800	
3.13.12	OEM	15	20	S2BAX160MLB2 IE2	Each	102000	
3.13.13	OEM	18.5	25	S2BAX160MLC2 IE2	Each	126500	
3.13.14	OEM	22	30	S2BAX180MLA2 IE2	Each	137700	
3.13.15	OEM	30	40	S2BAX200MLA2 IE2	Each	213300	
3.13.16	OEM	37	50	S2BAX200MLB2 IE2	Each	248400	
3.13.17	OEM	45	60	S2BAX225SMA2 IE2	Each	319800	
3.13.18	OEM	55	75	S2BAX250SMA2 IE2	Each	441000	

DJB Item Code	SOR Reference	Description				Unit	Rates Rs.
		Four Pole					
		KW	HP	Frame			
3.14.1	OEM	0.37	0.5	S2BAX71MB4 IE2	-	12900	
3.14.2	OEM	0.55	0.75	S2BAX80MA4 IE2	Each	14400	
3.14.3	OEM	0.75	1	S2BAX80MB4 IE2	Each	15600	
3.14.4	OEM	1.1	1.5	S2BAX90SA4 IE2	Each	18000	
3.14.5	OEM	1.5	2	S2BAX90LA4 IE2	Each	20700	
3.14.6	OEM	2.2	3	S2BAX100LA4 IE2	Each	26700	
3.14.7	OEM	3.7	5	S2BAX112MA4 IE2	Each	33300	
3.14.8	OEM	5.5	7.5	S2BAX132SA4 IE2	Each	43800	
3.14.9	OEM	7.5	10	S2BAX132MA4 IE2	Each	50400	
3.14.10	OEM	9.3	12.5	S2BAX160MLJ4 IE2	Each	82800	

3.14.11	OEM	11	15	S2BAX160MLA4 IE2	Each	85200
3.14.12	OEM	15	20	S2BAX160MLB4 IE2	Each	101100
3.14.13	OEM	18.5	25	S2BAX180MLA4 IE2	Each	135600
3.14.14	OEM	22	30	S2BAX180MLB4 IE2	Each	145200
3.14.15	OEM	30	40	S2BAX200MLA4 IE2	Each	206700
3.14.16	OEM	37	50	S2BAX225SMA4 IE2	Each	253200
3.14.17	OEM	45	60	S2BAX225SMB4 IE2	Each	299400
3.14.18	OEM	55	75	S2BAX250SMA4 IE2	Each	410100

DJB Item Code	SOR Reference	Description				
		Six Pole				
		KW	HP	Frame	Unit	Rates Rs.
3.15.1	OEM	0.37	0.5	S2BAX80MA6 IE2	-	15300
3.15.2	OEM	0.55	0.75	S2BAX80MB6 IE2	Each	22100
3.15.3	OEM	0.75	1	S2BAX90SA6 IE2	Each	19200
3.15.4	OEM	1.1	1.5	S2BAX90LA6 IE2	Each	21300
3.15.5	OEM	1.5	2	S2BAX100LA6 IE2	Each	26400
3.15.6	OEM	2.2	3	S2BAX112MA6 IE2	Each	31800
3.15.7	OEM	3.7	5	S2BAX132SB6 IE2	Each	47700
3.15.8	OEM	5.5	7.5	S2BAX132MB6 IE2	Each	54000
3.15.9	OEM	7.5	10	S2BAX160MLA6 IE2	Each	84300
3.15.10	OEM	9.3	12.5	S2BAX160MLJ6 IE2	Each	98100
3.15.11	OEM	11	15	S2BAX160MLB6 IE2	Each	104400
3.15.12	OEM	15	20	S2BAX180MLA6 IE2	Each	139800
3.15.13	OEM	18.5	25	S2BAX200MLA6 IE2	Each	190500
3.15.14	OEM	22	30	S2BAX200MLB6 IE2	Each	201000
3.15.15	OEM	30	40	S2BAX225SMA6 IE2	Each	299400
3.15.16	OEM	37	50	S2BAX250SMA6 IE2	Each	410400

FRSM - 63 Effective from 15.01.2021
(Superseding SV-01 Smoke Effective from 02.02.2018)

. Smoke Venting Energy Efficient Totally Enclosed Fan Cooled (TEFC) Squirrel Cage Motors (IE2)
(Enclosure confirming to protection IP55) Horizontal Foot Mounted Induction Motors, continuously
rated suitable for operation on 415V+/-10%, 50Hz+/-5%, A.C. supply with class 'H' insulation for 50
Deg. C ambient temperature continuous and
300 Deg.C for 2 Hrs., Altitude less than 1000M above MSL.
Reference Standard: IEC:60034-30-1:2014, IEC:60034-1:2010 & BS EN12101-3:2002

DJB Item Code	SOR Reference	Description				
		Two Pole				
		KW	HP	Frame	Unit	Rates Rs.
3.16.1	OEM	0.37	0.5	S2BAX71MA2 IE2	-	12900
3.16.2	OEM	0.55	0.7	S2BAX71MB2 IE2	Each	14100
3.16.3	OEM	0.75	1	S2BAX80MA2 IE2	Each	14400
3.16.4	OEM	1.1	1.5	S2BAX80MB2 IE2	Each	15900
3.16.5	OEM	1.5	2	S2BAX90SA2 IE2	Each	19500
3.16.6	OEM	2.2	3	S2BAX90LA2 IE2	Each	24300
3.16.7	OEM	3.7	5	S2BAX100LC2 IE2	Each	32100
3.16.8	OEM	5.5	7.5	S2BAX132SA2 IE2	Each	48300
3.16.9	OEM	7.5	10	S2BAX132SB2 IE2	Each	50400
3.16.10	OEM	9.3	12.5	S2BAX160MLJ2 IE2	Each	87000
3.16.11	OEM	11	15	S2BAX160MLA2 IE2	Each	92400
3.16.12	OEM	15	20	S2BAX160MLB2 IE2	Each	106500
3.16.13	OEM	18.5	25	S2BAX160MLC2 IE2	Each	132000
3.16.14	OEM	22	30	S2BAX180MLA2 IE2	Each	143100
3.16.15	OEM	30	40	S2BAX200MLA2 IE2	Each	222000
3.16.16	OEM	37	50	S2BAX200MLB2 IE2	Each	258000
3.16.17	OEM	45	60	S2BAX225SMA2 IE2	Each	332400
3.16.18	OEM	55	75	S2BAX250SMA2 IE2	Each	458400

DJB Item Code	SOR Reference	Description				
		Four Pole				
		KW	HP	Frame	Unit	Rates Rs.
3.17.1	OEM	0.37	0.5	S2BAX71MB4 IE2	-	13500
3.17.2	OEM	0.55	0.75	S2BAX80MA4 IE2	Each	15000
3.17.3	OEM	0.75	1	S2BAX80MB4 IE2	Each	16200
3.17.4	OEM	1.1	1.5	S2BAX90SA4 IE2	Each	18600
3.17.5	OEM	1.5	2	S2BAX90LA4 IE2	Each	21600
3.17.6	OEM	2.2	3	S2BAX100LA4 IE2	Each	27600
3.17.7	OEM	3.7	5	S2BAX112MA4 IE2	Each	34800
3.17.8	OEM	5.5	7.5	S2BAX132SA4 IE2	Each	45600
3.17.9	OEM	7.5	10	S2BAX132MA4 IE2	Each	52800
3.17.10	OEM	9.3	12.5	S2BAX160MLJ4 IE2	Each	86100
3.17.11	OEM	11	15	S2BAX160MLA4 IE2	Each	88800

3.17.12	OEM	15	20	S2BAX160MLB4 IE2	Each	10500
3.17.13	OEM	18.5	25	S2BAX180MLA4 IE2	Each	141000
3.17.14	OEM	22	30	S2BAX180MLB4 IE2	Each	150900
3.17.15	OEM	30	40	S2BAX200MLA4 IE2	Each	215100
3.17.16	OEM	37	50	S2BAX225SMA4 IE2	Each	263400
3.17.17	OEM	45	60	S2BAX225SMB4 IE2	Each	311400
3.17.18	OEM	55	75	S2BAX250SMA4 IE2	Each	426300

DJB Item Code	SORReference	Description				
		Six Pole				
		KW	HP	Frame	Unit	Rates Rs.
3.18.1	OEM	0.37	0.5	S2BAX80MA6 IE2	-	15900
3.18.2	OEM	0.55	0.75	S2BAX80MB6 IE2	Each	16500
3.18.3	OEM	0.75	1	S2BAX90SA6 IE2	Each	19800
3.18.4	OEM	1	1.5	S2BAX90LA6 IE2	Each	22200
3.18.5	OEM	1.5	2	S2BAX100LA6 IE2	Each	27600
3.18.6	OEM	2	3	S2BAX112MA6 IE2	Each	33000
3.18.7	OEM	3	5	S2BAX132SB6 IE2	Each	49800
3.18.8	OEM	5	7.5	S2BAX132MB6 IE2	Each	56100
3.18.9	OEM	7	10	S2BAX160MLA6 IE2	Each	87600
3.18.10	OEM	9	12.5	S2BAX160MLJ6 IE2	Each	102000
3.18.11	OEM	11	15	S2BAX160MLB6 IE2	Each	108600
3.18.12	OEM	15	20	S2BAX180MLA6 IE2	Each	145200
3.18.13	OEM	18.5	25	S2BAX200MLA6 IE2	Each	198000
3.18.14	OEM	22	30	S2BAX200MLB6 IE2	Each	209100
3.18.15	OEM	30	40	S2BAX225SMA6 IE2	Each	311100
3.18.16	OEM	37	50	S2BAX250SMA6 IE2	Each	426900

FRSM - 63 Effective from 15.01.2021
(Superseding SV-01 Smoke Effective from 02.02.2018)

1. Smoke Venting Energy Efficient Totally Enclosed Fan Cooled (TEFC) Squirrel Cage Motors (IE3)
(Enclosure confirming to protection IP55) Horizontal Foot Mounted Induction Motors, continuously rated suitable for
operation on 415V+/-10%, 50Hz+/-5%, A.C. supply with class 'H' insulation for 50 Deg. C ambient temperature
continuous and

250 Deg.C for 2 Hrs., Altitude less than 1000M above MSL.

Reference Standard: IEC:60034-30-1:2014, IEC:60034-1:2010 & BS EN12101-3:2002

DJB Item Code	SORReference	Description				
		Two Pole				
		KW	HP	Frame	Unit	Rates Rs.
3.19.1	OEM	0.37	0.5	S3BAX71MC2 IE3	-	14100
3.19.2	OEM	0.55	0.75	S3BAX71MB2 IE3	Each	15600
3.19.3	OEM	0.75	1	S3BAX80MC2 IE3	Each	16800
3.19.4	OEM	1.1	1.5	S3BAX80MD2 IE3	Each	2100
3.19.5	OEM	1.5	2	S3BAX90SB2 IE3	Each	21300
3.19.6	OEM	2.2	3	S3BAX90SLA2 IE3	Each	26700
3.19.7	OEM	3.7	5	S3BAX100LKB2 IE3	Each	40800
3.19.8	OEM	5.5	7.5	S3BAX132SMA2 IE3	Each	54000
3.19.9	OEM	7.5	10	S3BAX132SMB2 IE3	Each	58500
3.19.10	OEM	9.3	12.5	S3BAX160 MLJ2 IE3	Each	96600
3.19.11	OEM	11	15	S3BAX160 MLA2 IE3	Each	102000
3.19.12	OEM	15	20	S3BAX160 MLB2 IE3	Each	117300
3.19.13	OEM	18.5	25	S3BAX160 MLC2 IE3	Each	147000
3.19.14	OEM	22	30	S3BAX180 MLA2 IE3	Each	158400
3.19.15	OEM	30	40	S3BAX200 MLA2 IE3	Each	234000
3.19.16	OEM	37	50	S3BAX200 MLB2 IE3	Each	285600
3.19.17	OEM	45	60	S3BAX225 SMA2 IE3	Each	-----
3.19.18	OEM	55	75	S3BAX250 SMA2 IE3	Each	496200

DJB Item Code	SORReference	Description				
		Four Pole				
		KW	HP	Frame	Unit	Rates Rs.
3.20.1	OEM	0.37	0.5	S3BAX71MC4 IE3	-	14700
3.20.2	OEM	0.55	0.75	S3BAX80MC4 IE3	Each	17400
3.20.3	OEM	0.75	1	S3BAX80MLA4 IE3	Each	17700
3.20.4	OEM	1.1	1.5	S3BAX90SB4 IE3	Each	20700
3.20.5	OEM	1.5	2	S3BAX90SLA4 IE3	Each	23700
3.20.6	OEM	2.2	3	S3BAX100LB4 IE3	Each	29100
3.20.7	OEM	3.7	5	S3BAX112MLA4 IE3	Each	38400
3.20.8	OEM	5.5	7.5	S3BAX132SMA4 IE3	Each	51000
3.20.9	OEM	7.5	10	S3BAX132MLA4 IE3	Each	58500
3.20.10	OEM	9.3	12.5	S3BAX160 MLJ4 IE3	Each	102900

3.20.11	OEM	11	15	S3BAX160 MLA4 IE3	Each	104100
3.20.12	OEM	15	20	S3BAX160 MLB4 IE3	Each	122400
3.20.13	OEM	18.5	25	S3BAX180 MLA4 IE3	Each	159600
3.20.14	OEM	22	30	S3BAX180 MLB4 IE3	Each	166500
3.20.15	OEM	30	40	S3BAX200 MLA4 IE3	Each	225000
3.20.16	OEM	37	50	S3BAX225 SMA4 IE3	Each	291600
3.20.17	OEM	45	60	S3BAX225 SMB4 IE3	Each	344400
3.20.18	OEM	55	75	S3BAX250 SMA4 IE3	Each	463200

DJB Item Code	SOR Reference	Description				
		KW	HP	Frame	Unit	Rates Rs.
		Six Pole				
3.21.1	OEM	0.37	0.5	S3BAX80MC6 IE3	-	17700
3.21.2	OEM	0.55	0.75	S3BAX80MLA6 IE3	Each	18000
3.21.3	OEM	0.75	1	S3BAX90SLA6 IE3	Each	20700
3.21.4	OEM	1.1	1.5	S3BAX90LB6 IE3	Each	27600
3.21.5	OEM	1.5	2	S3BAX100LKA6 IE3	Each	32100
3.21.6	OEM	2.2	3	S3BAX112MLA6 IE3	Each	35400
3.21.7	OEM	3.7	5	S3BAX132SMB6 IE3	Each	54900
3.21.8	OEM	5.5	7.5	S3BAX132MLA6 IE3	Each	63000
3.21.9	OEM	7.5	10	S3BAX160 MLA6 IE3	Each	96300
3.21.10	OEM	9.3	12.5	S3BAX160 MLJ6 IE3	Each	122400
3.21.11	OEM	11	15	S3BAX160 MLB6 IE3	Each	129000
3.21.12	OEM	15	20	S3BAX180 MLA6 IE3	Each	153300
3.21.13	OEM	18.5	25	S3BAX200 MLA6 IE3	Each	213000
3.21.14	OEM	22	30	S3BAX200 MLB6 IE3	Each	220800
3.21.15	OEM	30	40	S3BAX225 SMA6 IE3	Each	332400
3.21.16	OEM	37	50	S3BAX250 SMA6 IE3	Each	467400

FRSM - 63 Effective from 15.01.2021

(Superseding SV-01 Smoke Effective from 02.02.2018)

1. Smoke Venting Energy Efficient Totally Enclosed Fan Cooled (TEFC) Squirrel Cage Motors (IE3)
(Enclosure confirming to protection IP55) Horizontal Foot Mounted Induction Motors, continuously rated suitable for operation on 415V+/-10%, 50Hz+/-5%, A.C. supply with class 'H' insulation for 50 Deg. C ambient temperature continuous and

300 Deg.C for 2 Hrs., Altitude less than 1000M above MSL.

Reference Standard: IEC:60034-30-1:2014, IEC:60034-1:2010 & BS EN12101-3:2002

DJB Item Code	SOR Reference	Description				
		Two Pole				
		KW	HP	Frame	Unit	Rates Rs.
3.22.1	OEM	0.37	0.5	S3BAX71MC2 IE3	-	14700
3.22.2	OEM	0.55	0.75	S3BAX71MB2 IE3	Each	16500
3.22.3	OEM	0.75	1	S3BAX80MC2 IE3	Each	17400
3.22.4	OEM	1.1	1.5	S3BAX80MD2 IE3	Each	21600
3.22.5	OEM	1.5	2	S3BAX90SB2 IE3	Each	22200
3.22.6	OEM	2.2	3	S3BAX90SLA2 IE3	Each	27900
3.22.7	OEM	3.7	5	S3BAX100LKB2 IE3	Each	42600
3.22.8	OEM	5.5	7.5	S3BAX132SMA2 IE3	Each	56100
3.22.9	OEM	7.5	10	S3BAX132SMB2 IE3	Each	60900
3.22.10	OEM	9.3	12.5	S3BAX160 MLJ2 IE3	Each	100200
3.22.11	OEM	11	15	S3BAX160 MLA2 IE3	Each	105900
3.22.12	OEM	15	20	S3BAX160 MLB2 IE3	Each	122100
3.22.13	OEM	18.5	25	S3BAX160 MLC2 IE3	Each	152700
3.22.14	OEM	22	30	S3BAX180 MLA2 IE3	Each	164700
3.22.15	OEM	30	40	S3BAX200 MLA2 IE3	Each	243000
3.22.16	OEM	37	50	S3BAX200 MLB2 IE3	Each	297300
3.22.17	OEM	45	60	S3BAX225 SMA2 IE3	Each	382200
3.22.7	OEM	55	75	S3BAX250 SMA2 IE3	Each	516300

DJB Item Code	SOR Reference	Description				
		Four Pole				
		KW	HP	Frame	Unit	Rates Rs.
3.23.1	OEM	0.37	0.5	S3BAX71MC4 IE3	-	15300
3.23.2	OEM	0.55	0.75	S3BAX80MC4 IE3	Each	18000
3.23.3	OEM	0.75	1	S3BAX80MLA4 IE3	Each	18300
3.23.4	OEM	1.1	1.5	S3BAX90SB4 IE3	Each	21600
3.23.5	OEM	1.5	2	S3BAX90SLA4 IE3	Each	24600
3.23.6	OEM	2.2	3	S3BAX100LB4 IE3	Each	29700
3.23.7	OEM	3.7	5	S3BAX112MLA4 IE3	Each	39900
3.23.8	OEM	5.5	7.5	S3BAX132SMA4 IE3	Each	52500
3.23.9	OEM	7.5	10	S3BAX132MLA4 IE3	Each	60900

3.23.10	OEM	9.3	12.5	S3BAX160 MLJ4 IE3	Each	106800
3.23.11	OEM	11	15	S3BAX160 MLA4 IE3	Each	108000
3.23.12	OEM	15	20	S3BAX160 MLB4 IE3	Each	127200
3.23.13	OEM	18.5	25	S3BAX180 MLA4 IE3	Each	165900
3.23.14	OEM	22	30	S3BAX180 MLB4 IE3	Each	173100
3.23.15	OEM	30	40	S3BAX200 MLA4 IE3	Each	233700
3.23.16	OEM	37	50	S3BAX225 SMA4 IE3	Each	363000
3.23.17	OEM	45	60	S3BAX225 SMB4 IE3	Each	358200
3.23.18	OEM	55	75	S3BAX250 SMA4 IE3	Each	481800

		Description				
		Six Pole				
DJB Item Code	SOR Reference	KW	HP	Frame	Unit	Rates Rs.
3.24.1	OEM	0.37	0.5	S3BAX80MC6 IE3	-	18300
3.24.2	OEM	0.55	0.75	S3BAX80MLA6 IE3	Each	18900
3.24.3	OEM	0.75	1	S3BAX90SLA6 IE3	Each	21900
3.24.4	OEM	1.1	1.5	S3BAX90LB6 IE3	Each	28800
3.24.5	OEM	1.5	2	S3BAX100LKA6 IE3	Each	333000
3.24.6	OEM	2.2	3	S3BAX112MLA6 IE3	Each	36600
3.24.7	OEM	3.7	5	S3BAX132SMB6 IE3	Each	57000
3.24.8	OEM	5.5	7.5	S3BAX132MLA6 IE3	Each	65400
3.24.9	OEM	7.5	10	S3BAX160 MLA6 IE3	Each	100200
3.24.10	OEM	9.3	12.5	S3BAX160 MLJ6 IE3	Each	127500
3.24.11	OEM	11	15	S3BAX160 MLB6 IE3	Each	134100
3.24.12	OEM	15	20	S3BAX180 MLA6 IE3	Each	159300
3.24.13	OEM	18.5	25	S3BAX200 MLA6 IE3	Each	221400
3.24.14	OEM	22	30	S3BAX200 MLB6 IE3	Each	229500
3.24.15	OEM	30	40	S3BAX225 SMA6 IE3	Each	345600
3.24.16	OEM	37	50	S3BAX250 SMA6 IE3	Each	486000

3 (b) Rates for CG POWER and Industrial solutions Ltd. Make Electric Motors:-
(Rates are inclusive of CP and exclusive of cartage and GST)

TOTALLY ENCLOSED FAN COOLED SQUIRREL CAGE 3 PH INDUSTION MOTORS - FOOT MOUNTED Squirrel cage Induction Motors with Enclosure conforming to protection IP 55 Horizontal Foot Mounted (B3), continuously rated (S1) suitable for operation on 415+/- 10% V,3 Phase 50Hz+/- 5% AC supply with ambient 50°C,Class "F" insulation with temperature rise limited to Class "B" altitude less than 1000 m above m.s.l. Performance Efficiency values are conforming to IS12615 / IS/IEC 60034						
SUPER PREMIUM EFFICIENCY - IE4						
DJB Item Code	SOR Reference	Description				
		2 Pole / 3000 RPM				
		KW	HP	Frame	Unit	Rates Rs.
3.25.1	OEM	0.37	0.5	-	-	-
3.25.2	OEM	0.55	0.75	PC80	Each	11648
3.25.3	OEM	0.75	1	PC80	Each	12041
3.25.4	OEM	1.1	1.5	PC80	Each	13136
3.25.5	OEM	1.5	2	PC90S	Each	15058
3.25.6	OEM	2.2	3	PC90L	Each	19322
3.25.7	OEM	3.7	5	PC100L	Each	24738
3.25.8	OEM	5.5	7.5	PC132S	Each	39101
3.25.9	OEM	7.5	10	PC132S	Each	40489
3.25.10	OEM	9.3	12.5	PC160M	Each	68201
3.25.11	OEM	11	15	PC160M	Each	70702
3.25.12	OEM	15	20	PC160M	Each	82819
3.25.13	OEM	18.5	25	PC160L	Each	106427
3.25.14	OEM	22	30	PC180M	Each	118090
3.25.15	OEM	30	40	PC200L	Each	175555
3.25.16	OEM	37	50	PC200L	Each	213165
3.25.17	OEM	45	60	PC225M	Each	274320
3.25.18	OEM	55	75	PC250M	Each	369260
3.25.19	OEM	75	100	PC280S	Each	443427
3.25.20	OEM	90	120	PC280M	Each	511485
3.25.21	OEM	110	150	PC315S	Each	646097
3.25.22	OEM	132	180	PC315M	Each	794055
3.25.23	OEM	160	215	PC315L	Each	869833
3.25.24	OEM	180	240	PC315L	Each	915671
3.25.25	OEM	200	270	PC315L	Each	1015510
3.25.26	OEM	225	300	PC355L	Each	1074622
3.25.27	OEM	250	335	PC355L	Each	1137485
3.25.28	OEM	275	370	PC355L	Each	1204235
3.25.29	OEM	315	425	PC355L	Each	1233194

DJB Item Code	SOR Reference	Description				
		4 Pole / 1500 RPM				
		K W	HP	Fram e	Unit	Rates Rs.
3.26.1	OEM	0.37	0.5	-	-	-
3.26.2	OEM	0.55	0.75	PC80	Each	12380
3.26.3	OEM	0.75	1	PC80	Each	12539
3.26.4	OEM	1.1	1.5	PC90S	Each	15476
3.26.5	OEM	1.5	2	PC90L	Each	18809
3.26.6	OEM	2.2	3	PC100L	Each	22378
3.26.7	OEM	3.7	5	PC112M	Each	28368
3.26.8	OEM	5.5	7.5	PC132S	Each	39360
3.26.9	OEM	7.5	10	PC132M	Each	46519
3.26.10	OEM	9.3	12.5	PC160M	Each	72547
3.26.11	OEM	11	15	PC160M	Each	75042
3.26.12	OEM	15	20	PC160L	Each	91488
3.26.13	OEM	18.5	25	PC180M	Each	117056
3.26.14	OEM	22	30	PC180L	Each	128207
3.26.15	OEM	30	40	PC200L	Each	176885
3.26.16	OEM	37	50	PC225S	Each	206817
3.26.17	OEM	45	60	PC225M	Each	250698
3.26.18	OEM	55	75	PC250M	Each	344504
3.26.19	OEM	75	100	PC280S	Each	403119
3.26.20	OEM	90	120	PC280M	Each	469550
3.26.21	OEM	110	150	PC315S	Each	568733
3.26.22	OEM	132	180	PC315M	Each	666410
3.26.23	OEM	160	215	PC315L	Each	842878
3.26.24	OEM	180	240	PC315L	Each	911093
3.26.25	OEM	200	270	PC315L	Each	949157
3.26.26	OEM	225	300	PC355L	Each	1171743
3.26.27	OEM	250	335	PC355L	Each	1195170
3.26.28	OEM	275	370	PC355L	Each	1266086
3.26.29	OEM	315	425	PC355L	Each	1358976

DJB Item Code	SOR Reference	Description				
		6 Pole / 1000 RPM				
		KW	HP	Frame	Unit	Rates Rs.
3.27.1	OEM	0.37	0.5	PC80	Each	13115
3.27.2	OEM	0.55	0.75	PC80	Each	13493
3.27.3	OEM	0.75	1	PC90S	Each	15180
3.27.4	OEM	1.1	1.5	PC90L	Each	16647
3.27.5	OEM	1.5	2	PC100L	Each	25513
3.27.6	OEM	2.2	3	PC112M	Each	26941
3.27.7	OEM	3.7	5	PC132S	Each	39696
3.27.8	OEM	5.5	7.5	PC132M	Each	48779
3.27.9	OEM	7.5	10	PC160M	Each	72774
3.27.10	OEM	9.3	12.5	PC160L	Each	79251
3.27.11	OEM	11	15	PC160L	Each	89505
3.27.12	OEM	15	20	PC180L	Each	116919
3.27.13	OEM	18.5	25	PC200L	Each	166966
3.27.14	OEM	22	30	PC200L	Each	183631
3.27.15	OEM	30	40	PC225M	Each	256865
3.27.16	OEM	37	50	PC250M	Each	345416
3.27.17	OEM	45	60	PC280S	Each	413733
3.27.18	OEM	55	75	PC280M	Each	475108
3.27.19	OEM	75	100	PC315S	Each	545245
3.27.20	OEM	90	120	PC315M	Each	682279
3.27.21	OEM	110	150	PC315M	Each	760792
3.27.22	OEM	132	180	PC315L	Each	888142
3.27.23	OEM	160	215	PC315L	Each	924757
3.27.24	OEM	180	240	PC355L	Each	1129726
3.27.25	OEM	200	270	PC355L	Each	1186182
3.27.26	OEM	225	300	PC355L	Each	1236745
3.27.27	OEM	250	335	PC355L	Each	1298595
3.27.28	OEM	275	370	PC355L	Each	1467999
3.27.29	OEM	315	425	PC355L	Each	1817278

TOTALLY ENCLOSED FAN COOLED SQUIRREL CAGE 3 PH INDUSTION MOTORS - FOOT MOUNTED

Squirrel cage Induction Motors with Enclosure conforming to protection IP 55 Horizontal Foot Mounted (B3),continuously rated (S1) suitable for operation on 415+/- 10% V,3 Phase 50Hz+/- 5% AC supply with ambient 50°C,Class "F" insulation with temperature rise limited to Class "B" altitude less than 1000 m above m.s.l. Performance Efficiency values are conforming to IS12615 / IS/IEC 60034

PREMIUM EFFICIENCY - IE3 (Cast Iron Series)

DJB Item Code	SOR Reference	Description				
		2 Pole / 3000 RPM				
		KW	HP	Frame	Unit	Rates Rs.
3.28.1	OEM	0.37	0.5	-	-	-
3.28.2	OEM	0.55	0.75	NG80	Each	8970
3.28.3	OEM	0.75	1	NG80	Each	9269
3.28.4	OEM	1.1	1.5	NG80	Each	10099
3.28.5	OEM	1.5	2	NG90S	Each	11566
3.28.6	OEM	2.2	3	NG90L	Each	14860
3.28.7	OEM	3.7	5	NG100L	Each	19910
3.28.8	OEM	5.5	7.5	NG132S	Each	30076
3.28.9	OEM	7.5	10	NG132S	Each	31125
3.28.10	OEM	9.3	12.5	ND160M	Each	52451
3.28.11	OEM	11	15	ND160M	Each	56849
3.28.12	OEM	15	20	ND160M	Each	63718
3.28.13	OEM	18.5	25	ND160L	Each	81847
3.28.14	OEM	22	30	ND180M	Each	90835
3.28.15	OEM	30	40	ND200L	Each	135030
3.28.16	OEM	37	50	ND200L	Each	163971
3.28.17	OEM	45	60	ND225M	Each	211023
3.28.18	OEM	55	75	ND250MX	Each	284043
3.28.19	OEM	75	100	ND280S	Each	370865
3.28.20	OEM	90	120	ND280M	Each	427808
3.28.21	OEM	110	150	ND315S	Each	516884
3.28.22	OEM	125	170	ND315M	Each	606462
3.28.23	OEM	132	180	ND315M	Each	635263
3.28.24	OEM	160	215	ND315LX	Each	695867
3.28.25	OEM	180	240	ND315LX	Each	732543
3.28.26	OEM	200	270	ND315LX	Each	812404
3.28.27	OEM	225	300	ND355LX*	Each	898771
3.28.28	OEM	250	335	ND355LX*	Each	951362
3.28.29	OEM	275	370	ND355LX*	Each	969379
3.28.30	OEM	315	425	ND355LX*	Each	1031391
3.28.31	OEM	355	473	-	Each	#VALUE!
3.28.32	OEM	375	500	-	Each	#VALUE!

DJB Item Code	SORReference	Description				
		4 Pole / 1500 RPM				
		KW	HP	Frame	Unit	Rates Rs.
3.29.1	OEM	0.37	0.5	-	-	-
3.29.2	OEM	0.55	0.75	NG80	Each	9287
3.29.3	OEM	0.75	1	NG80	Each	9425
3.29.4	OEM	1.1	1.5	NG90S	Each	12133
3.29.5	OEM	1.5	2	NG90L	Each	14125
3.29.6	OEM	2.2	3	NG100L	Each	16824
3.29.7	OEM	3.7	5	NG112M	Each	21310
3.29.8	OEM	5.5	7.5	NG132S	Each	30903
3.29.9	OEM	7.5	10	NG132M	Each	36521
3.29.10	OEM	9.3	12.5	ND160M	Each	56971
3.29.11	OEM	11	15	ND160M	Each	58941
3.29.12	OEM	15	20	ND160L	Each	71861
3.29.13	OEM	18.5	25	ND180M	Each	87959
3.29.14	OEM	22	30	ND180L	Each	96331
3.29.15	OEM	30	40	ND200L	Each	132885
3.29.16	OEM	37	50	ND225S	Each	162443
3.29.17	OEM	45	60	ND225M	Each	196911
3.29.18	OEM	55	75	ND250MX	Each	258829
3.29.19	OEM	75	100	ND280S	Each	329324
3.29.20	OEM	90	120	ND280M	Each	383595
3.29.21	OEM	110	150	ND315S	Each	464597
3.29.22	OEM	125	170	ND315M	Each	529257
3.29.23	OEM	132	180	ND315M	Each	544401
3.29.24	OEM	160	215	ND315LX	Each	688550
3.29.25	OEM	180	240	ND315LX	Each	744273
3.29.26	OEM	200	270	ND315LX	Each	775380
3.29.27	OEM	225	300	ND355LX	Each	915595
3.29.28	OEM	250	335	ND355LX	Each	976354
3.29.29	OEM	275	370	ND355LX	Each	989329
3.29.30	OEM	315	425	ND355LX*	Each	1110176
3.29.31	OEM	355	473	ND355LX*	Each	1790086
3.29.32	OEM	375	500	ND355LX*	Each	1474147

DJB Item Code	SORReference	Description				
		6 Pole / 1000 RPM				
		KW	HP	Frame	Unit	Rates Rs.
3.30.1	OEM	0.37	0.5	NG80	-	10080
3.30.2	OEM	0.55	0.75	NG80	Each	10358
3.30.3	OEM	0.75	1	NG90S	Each	12718
3.30.4	OEM	1.1	1.5	NG90L	Each	13359
3.30.5	OEM	1.5	2	NG100L	Each	20514
3.30.6	OEM	2.2	3	NG112M	Each	71652
3.30.7	OEM	3.7	5	NG132S	Each	31918
3.30.8	OEM	5.5	7.5	NG132M	Each	39770
3.30.9	OEM	7.5	10	ND160M	Each	55943
3.30.10	OEM	9.3	12.5	ND160L	Each	60960
3.30.11	OEM	11	15	ND160L	Each	68875
3.30.12	OEM	15	20	ND180L	Each	94032
3.30.13	OEM	18.5	25	ND200L	Each	128423
3.30.14	OEM	22	30	ND200L	Each	141258
3.30.15	OEM	30	40	ND225M	Each	197573
3.30.16	OEM	37	50	ND250M	Each	265710
3.30.17	OEM	45	60	ND280S	Each	332728
3.30.18	OEM	55	75	ND280M	Each	382080
3.30.19	OEM	75	100	ND315S	Each	436226
3.30.20	OEM	90	120	ND315M	Each	545822
3.30.21	OEM	110	150	ND315M	Each	608646
3.30.22	OEM	125	170	ND315LX	Each	693546
3.30.23	OEM	132	180	ND315LX	Each	710504
3.30.24	OEM	160	215	ND315LX	Each	773431
3.30.25	OEM	180	240	ND355LX	Each	944850
3.30.26	OEM	200	270	ND355LX	Each	997095
3.30.27	OEM	225	300	ND355LX	Each	1034356
3.30.28	OEM	250	335	ND355LX	Each	1086078
3.30.29	OEM	275	370	ND355LX	Each	1227781
3.30.30	OEM	315	425	ND355LX*	Each	1453837
3.30.31	OEM	355	473	-	Each	#VALUE!
3.30.32	OEM	375	500	-	Each	#VALUE!

DJB Item Code	SORReference	Description				
		8 Pole / 750 RPM				
		KW	HP	Frame	Unit	Rates Rs.
3.31.1	OEM	0.37	0.5	ND90S	-	12301
3.31.2	OEM	0.55	0.75	ND90L	Each	13451
3.31.3	OEM	0.75	1	ND100L	Each	16528
3.31.4	OEM	1.1	1.5	ND100L	Each	20096
3.31.5	OEM	1.5	2	ND112M	Each	23293
3.31.6	OEM	2.2	3	ND132S	Each	30829
3.31.7	OEM	3.7	5	ND160M	Each	47989
3.31.8	OEM	5.5	7.5	-	Each	73200
3.31.9	OEM	7.5	10	ND160L	Each	76015
3.31.10	OEM	9.3	12.5	ND180M	Each	98847
3.31.11	OEM	11	15	ND180L	Each	104246
3.31.12	OEM	15	20	ND200L	Each	146754
3.31.13	OEM	18.5	25	ND225S	Each	188310
3.31.14	OEM	22	30	ND225M	Each	226377
3.31.15	OEM	30	40	ND250M	Each	305641
3.31.16	OEM	37	50	ND280S	Each	398595
3.31.17	OEM	45	60	ND280M	Each	428412
3.31.18	OEM	55	75	ND315S	Each	467233
3.31.19	OEM	75	100	ND315M	Each	580147
3.31.20	OEM	90	120	ND315L	Each	785564
3.31.21	OEM	110	150	ND315LX	Each	831646
3.31.22	OEM	125	170	ND315LX	Each	913710
3.31.23	OEM	132	180	ND315LX	Each	963516
3.31.24	OEM	160	215	ND355LX	Each	1119472
3.31.25	OEM	180	240	ND355LX	Each	1148551
3.31.26	OEM	200	270	ND355LX	Each	1230397
3.31.27	OEM	225	300	ND355LX	Each	1748147
3.31.28	OEM	250	335	-	Each	#VALUE!
3.31.29	OEM	275	370	-	Each	#VALUE!
3.31.30	OEM	315	425	-	Each	#VALUE!
3.31.31	OEM	355	473	-	Each	#VALUE!
3.31.32	OEM	375	500	-	Each	#VALUE!

TOTALLY ENCLOSED FAN COOLED SQUIRREL CAGE 3 PH INDUSTION MOTORS - FOOT MOUNTED

Squirrel cage Induction Motors with Enclosure conforming to protection IP 55 Horizontal Foot Mounted (B3),continuously rated (S1) suitable for operation on 415+/- 10% V,3 Phase 50Hz+/- 5% AC supply with ambient 50°C,Class "F" insulation with temperature rise limited to Class "B" altitude less than 1000 m above m.s.l. Performance Efficiency values are conforming to IS12615 / IS/IEC 60034

PREMIUM EFFICIENCY - IE3 (Aluminum Series)

DJB Item Code	SORReference	Description				
		2 Pole / 3000 RPM				
		KW	HP	Frame	Unit	Rates Rs.
3.32.1	OEM	0.37	0.5	GD71	-	6866
3.32.2	OEM	0.55	0.75	GD71	Each	8918
3.32.3	OEM	0.75	1	GD80	Each	9211
3.32.4	OEM	1.1	1.5	GD80	Each	10059
3.32.5	OEM	1.5	2	GD90S	Each	11514
3.32.6	OEM	2.2	3	GD90L	Each	14789
3.32.7	OEM	3	4	GD100L	Each	17464
3.32.8	OEM	3.7	5	GD100L	Each	18956
3.32.9	OEM	4	5.5	GD112M	Each	23458
3.32.10	OEM	5.5	7.5	GD132S	Each	29948
3.32.11	OEM	7.5	10	GD132S	Each	30985
3.32.12	OEM	9.3*	12.5	GD132M	Each	46766

DJB Item Code	SORReference	Description				
		4 Pole / 1500 RPM				
		KW	HP	Frame	Unit	Rates Rs.
3.33.1	OEM	0.37	0.5	GD71	-	7055
3.33.2	OEM	0.55	0.75	GD80	Each	9251
3.33.3	OEM	0.75	1	GD80	Each	9376
3.33.4	OEM	1.1	1.5	GD90S	Each	11553
3.33.5	OEM	1.5	2	GD90L	Each	14064
3.33.6	OEM	2.2	3	GD100L	Each	16738
3.33.7	OEM	3	4	GD112M	Each	19206
3.33.8	OEM	3.7	5	GD112M	Each	21219
3.33.9	OEM	4	5.5	GD112M	Each	24412
3.33.10	OEM	5.5	7.5	GD132S	Each	29433
3.33.11	OEM	7.5	10	GD132M	Each	34779
3.33.12	OEM	9.3*	12.5	GD132M	Each	48324

DJB Item Code	SORReference	Description				
		6 Pole / 1000 RPM				
		KW	HP	Frame	Unit	Rates Rs.
3.34.1	OEM	0.37	0.5	GD80	-	10041
3.34.2	OEM	0.55	0.75	GD80	Each	10288
3.34.3	OEM	0.75	1	GD90S	Each	11596
3.34.4	OEM	1.1	1.5	GD90L	Each	12715
3.34.5	OEM	1.5	2	GD100L	Each	19538
3.34.6	OEM	2.2	3	GD112M	Each	20639
3.34.7	OEM	3	4	GD132S	Each	30385
3.34.8	OEM	3.7	5	GD132S	Each	30385
3.34.9	OEM	4	5.5	GD132S	Each	32601
3.34.10	OEM	5.5	7.5	GD132M	Each	37353
3.34.11	OEM	7.5	10	-	Each	#VALUE!
3.34.12	OEM	9.3*	12.5	-	Each	#VALUE!

TOTALLY ENCLOSED FAN COOLED SQUIRREL CAGE 3 PH INDUSTION MOTORS - FOOT MOUNTED

Squirrel cage Induction Motors with Enclosure conforming to protection IP 55 Horizontal Foot Mounted (B3),continuously rated (S1) suitable for operation on 415+/- 10% V,3 Phase 50Hz+/- 5% AC supply with ambient 50°C,Class "F" insulation with temperature rise limited to Class "B" altitude less than 1000 m above m.s.l. Performance Efficiency values are conforming to IS12615 / IS/IEC 60034

HIGH EFFICIENCY - IE2 (CAST IRON Series)

DJB Item Code	SORReference	Description				
		2 Pole / 3000 RPM				
		KW	HP	Frame	Unit	Rates Rs.
3.35.1	OEM	0.37	0.5	-	-	-
3.35.2	OEM	0.55	0.75	-	Each	#VALUE!
3.35.3	OEM	0.75	1	ND80	Each	8076
3.35.4	OEM	1.1	1.5	ND80	Each	8772
3.35.5	OEM	1.5	2	ND90S	Each	10080
3.35.6	OEM	2.2	3	ND90L	Each	12935
3.35.7	OEM	3.7	5	ND100L	Each	16781
3.35.8	OEM	5.5	5.3	ND112M	Each	21686
3.35.9	OEM	5.5	7.5	ND132S	Each	28582
3.35.10	OEM	7.5	10	ND132S	Each	31049
3.35.11	OEM	9.3	12.5	ND132M	Each	43246
3.35.12	OEM	9.3	12.5	ND160M	Each	50011
3.35.13	OEM	11	15	ND160M	Each	55190
3.35.14	OEM	15	20	ND160M	Each	56733
3.35.15	OEM	18.5	25	ND160L	Each	72901
3.35.16	OEM	22	30	ND180M	Each	81886

3.35.17	OEM	30	40	ND200L	Each	120231
3.35.18	OEM	37	50	ND200L	Each	145982
3.35.19	OEM	45	60	ND225M	Each	187856
3.35.20	OEM	55	75	ND250MX	Each	252897
3.35.21	OEM	75	100	ND280S	Each	330172
3.35.22	OEM	90	120	ND280M	Each	380878
3.35.23	OEM	110	150	ND315S	Each	470841
3.35.24	OEM	125	170	ND315M	Each	577600
3.35.25	OEM	132	180	ND315M	Each	578692
3.35.26	OEM	160	215	ND315LX	Each	633894
3.35.27	OEM	180	240	ND315LX	Each	667340
3.35.28	OEM	200	270	ND315LX	Each	740079
3.35.29	OEM	225	300	ND355LX*	Each	833333
3.35.30	OEM	250	335	ND355LX*	Each	853506
3.35.31	OEM	275	370	ND355LX*	Each	877625
3.35.32	OEM	315	425	ND355LX*	Each	939562
3.35.33	OEM	355	473	-		#VALUE!
3.35.34	OEM	375	500	-		#VALUE!

DJB Item Code	SORReference	Description					Rates Rs.
		4 Pole / 1500 RPM					
		KW	HP	Frame	Unit		
3.36.1	OEM	0.37	0.5	-	-	-	
3.36.2	OEM	0.55	0.75	ND80	Each	8076	
3.36.3	OEM	0.75	1	ND80	Each	8195	
3.36.4	OEM	1.1	1.5	ND90S	Each	10580	
3.36.5	OEM	1.5	2	ND90L	Each	12279	
3.36.6	OEM	2.2	3	ND100L	Each	14622	
3.36.7	OEM	3.7	5	ND112M	Each	19374	
3.36.8	OEM	5.5	5.3	-	Each	#VALUE!	
3.36.9	OEM	5.5	7.5	ND132S	Each	26901	
3.36.10	OEM	7.5	10	ND132M	Each	30390	
3.36.11	OEM	9.3	12.5	NG132M	Each	42017	
3.36.12	OEM	9.3	12.5	ND160M	Each	49117	
3.36.13	OEM	11	15	ND160M	Each	50746	
3.36.14	OEM	15	20	ND160L	Each	63983	
3.36.15	OEM	18.5	25	ND180M	Each	81856	
3.36.16	OEM	22	30	ND180L	Each	89652	
3.36.17	OEM	30	40	ND200L	Each	123708	
3.36.18	OEM	37	50	ND225S	Each	138342	
3.36.19	OEM	45	60	ND225M	Each	167680	
3.36.20	OEM	55	75	ND250MX	Each	230421	
3.36.21	OEM	75	100	ND280S	Each	293197	
3.36.22	OEM	90	120	ND280M	Each	341499	
3.36.23	OEM	110	150	ND315S	Each	423227	

3.36.24	OEM	125	170	ND315M	Each	482123
3.36.25	OEM	132	180	ND315M	Each	495933
3.36.26	OEM	160	215	ND315LX	Each	581855
3.36.27	OEM	180	240	ND315LX	Each	618848
3.36.28	OEM	200	270	ND315LX	Each	675612
3.36.29	OEM	225	300	ND355LX	Each	812355
3.36.30	OEM	250	335	ND355LX	Each	861942
3.36.31	OEM	275	370	ND355LX	Each	901251
3.36.32	OEM	315	425	ND355LX*	Each	1011337
3.36.33	OEM	355	473	ND355LX*		1175332
3.36.34	OEM	375	500	ND355LX*		1342912

DJB Item Code	SORReference	Description					Rates Rs.
		6 Pole / 1000 RPM					
		KW	HP	Frame	Unit		
3.37.1	OEM	0.37	0.5	ND80	-	8772	
3.37.2	OEM	0.55	0.75	ND80	Each	9010	
3.37.3	OEM	0.75	1	ND90S	Each	10141	
3.37.4	OEM	1.1	1.5	ND90L	Each	11129	
3.37.5	OEM	1.5	2	ND100L	Each	16013	
3.37.6	OEM	2.2	3	ND112M	Each	17040	
3.37.7	OEM	3.7	5	ND132S	Each	27749	
3.37.8	OEM	5.5	5.3	-	Each	#VALUE!	
3.37.9	OEM	5.5	7.5	ND132M	Each	34120	
3.37.10	OEM	7.5	10	ND160M	Each	49813	
3.37.11	OEM	9.3	12.5	-	Each	#VALUE!	
3.37.12	OEM	9.3	12.5	ND160L	Each	56742	
3.37.13	OEM	11	15	ND160L	Each	61296	
3.37.14	OEM	15	20	ND180L	Each	80063	
3.37.15	OEM	18.5	25	ND200L	Each	114299	
3.37.16	OEM	22	30	ND200L	Each	128686	
3.37.17	OEM	30	40	ND225M	Each	175915	
3.37.18	OEM	37	50	ND250M	Each	236534	
3.37.19	OEM	45	60	ND280S	Each	296207	
3.37.20	OEM	55	75	ND280M	Each	340170	
3.37.21	OEM	75	100	ND315S	Each	397388	
3.37.22	OEM	90	120	ND315M	Each	497223	
3.37.23	OEM	110	150	ND315M	Each	554432	
3.37.24	OEM	125	170	ND315LX	Each	631811	
3.37.25	OEM	132	180	ND315LX	Each	647244	
3.37.26	OEM	160	215	ND315LX	Each	704581	
3.37.27	OEM	180	240	ND355LX	Each	780449	
3.37.28	OEM	200	270	ND355LX	Each	835563	
3.37.29	OEM	225	300	ND355LX	Each	860655	
3.37.30	OEM	250	335	ND355LX	Each	920216	

3.37.31	OEM	275	370	ND355LX*	Each	1069839
3.37.32	OEM	315	425	ND355LX*	Each	1324365
3.37.33	OEM	355	473	-	Each	#VALUE!
3.37.34	OEM	375	500	-	Each	#VALUE!

DJB Item Code	SORReference	Description				
		8 Pole / 750 RPM				
		KW	HP	Frame	Unit	Rates Rs.
3.38.1	OEM	0.37	0.5	ND90S	Each	10675
3.38.2	OEM	0.55	0.75	ND90L	Each	11688
3.38.3	OEM	0.75	1	ND100L	Each	14366
3.38.4	OEM	1.1	1.5	ND100L	Each	17477
3.38.5	OEM	1.5	2	ND112M	Each	20255
3.38.6	OEM	2.2	3	ND132S	Each	26800
3.38.7	OEM	3.7	5	ND160M	Each	43615
3.38.8	OEM	5.5	5.3	-	Each	#VALUE!
3.38.9	OEM	5.5	7.5	ND160M	Each	54504
3.38.10	OEM	7.5	10	ND160L	Each	66100
3.38.11	OEM	9.3	12.5	ND180M	Each	85952
3.38.12	OEM	9.3	12.5	-	Each	#VALUE!
3.38.13	OEM	11	15	ND180L	Each	90637
3.38.14	OEM	15	20	ND200L	Each	127591
3.38.15	OEM	18.5	25	ND225S	Each	163733
3.38.16	OEM	22	30	ND225M	Each	196859
3.38.17	OEM	30	40	ND250M	Each	265771
3.38.18	OEM	37	50	ND280S	Each	346587
3.38.19	OEM	45	60	ND280M	Each	372530
3.38.20	OEM	55	75	ND315S	Each	406263
3.38.21	OEM	75	100	ND315M	Each	504452
3.38.22	OEM	90	120	ND315L	Each	683109
3.38.23	OEM	110	150	ND315LX	Each	756034
3.38.24	OEM	125	170	ND315LX	Each	794531
3.38.25	OEM	132	180	ND315LX	Each	837835
3.38.26	OEM	160	215	ND355LX	Each	973438
3.38.27	OEM	180	240	ND355LX	Each	998729
3.38.28	OEM	200	270	ND355LX	Each	1069900
3.38.29	OEM	225	300	ND355LX	Each	1520129
3.38.30	OEM	250	335	-	Each	#VALUE!
3.38.31	OEM	275	370	-	Each	#VALUE!
3.38.32	OEM	315	425	-	Each	#VALUE!
3.38.33	OEM	355	473	-	Each	#VALUE!
3.38.34	OEM	375	500	-	Each	#VALUE!

TOTALLY ENCLOSED FAN COOLED SQUIRREL CAGE 3 PH INDUSTION MOTORS - FOOT OUNTED Squirrel cage Induction Motors with Enclosure conforming to protection IP 55 Horizontal Foot Mounted (B3),continuously rated (S1) suitable for operation on 415+/- 10% V,3 Phase 50Hz+/- 5% AC supply with ambient 50°C,Class "F" insulation with temperature rise limited to Class "B" altitude less than 1000 m above m.s.l. Performance Efficiency values are conforming to IS12615 / IS/IEC 60034

PREMIUM EFFICIENCY - IE2 (Aluminum Series)

DJB Item Code	SORReference	Description				
		2 Pole / 3000 RP				
		KW	HP	Frame	Unit	Rates Rs.
3.39.1	OEM	0.18	0.25	GD63	Each	5124
3.39.2	OEM	0.25	0.33	GD63	Each	5273
3.39.3	OEM	0.37	0.5	GD71	Each	5996
3.39.4	OEM	0.55	0.75	GD71	Each	7778
3.39.5	OEM	0.75	1	GD80	Each	8006
3.39.6	OEM	1.1	1.5	GD80	Each	8735
3.39.7	OEM	1.5	2	GD90S	Each	10019
3.39.8	OEM	2.2	3	GD90L	Each	12862
3.39.9	OEM	3.7	5	GD100L	Each	15970
3.39.10	OEM	4	5.5	GD112M	Each	20389
3.39.11	OEM	5.5	7.5	GD132S	Each	27209
3.39.12	OEM	7.5	10	GD132S	Each	29555
3.39.13	OEM	9.3	12.5	GD132M*	Each	40672
3.39.14	OEM	11	15	GD132M*	Each	49672

DJB Item Code	SORReference	Description				
		4 Pole / 1500 RP				
		KW	HP	Frame	Unit	Rates Rs.
3.40.1	OEM	0.18	0.25	GD63	Each	5478
3.40.2	OEM	0.25	0.33	GD71	Each	5560
3.40.3	OEM	0.37	0.5	GD71	Each	6140
3.40.4	OEM	0.55	0.75	GD80	Each	8031
3.40.5	OEM	0.75	1	GD80	Each	8153
3.40.6	OEM	1.1	1.5	GD90S	Each	10059
3.40.7	OEM	1.5	2	GD90L	Each	12218
3.40.8	OEM	2.2	3	GD100L	Each	14542
3.40.9	OEM	3.7	5	GD112M	Each	18416
3.40.10	OEM	4	5.5	GD112M	Each	21237
3.40.11	OEM	5.5	7.5	GD132S	Each	25614
3.40.12	OEM	7.5	10	GD132M	Each	30259
3.40.13	OEM	9.3	12.5	GD132M*	Each	42020
3.40.14	OEM	11	15	GD132M*	Each	47742

DJB Item Code	SORReference	Description				
		6 Pole / 1000 RP				
		KW	HP	Frame	Unit	Rates Rs.
3.41.1	OEM	0.18	0.25	-	-	#VALUE!
3.41.2	OEM	0.25	0.33	-	--	#VALUE!
3.41.3	OEM	0.37	0.5	GD80	Each	8735
3.41.4	OEM	0.55	0.75	GD80M	Each	8964
3.41.5	OEM	0.75	1	GD90S	Each	10083
3.41.6	OEM	1.1	1.5	GD90L	Each	11078
3.41.7	OEM	1.5	2	GD100L	Each	15912
3.41.8	OEM	2.2	3	GD112M	Each	16949
3.41.9	OEM	3.7	5	GD132S	Each	26422
3.41.10	OEM	4	5.5	GD132S	Each	28350
3.41.11	OEM	5.5	7.5	GD132M	Each	32501
3.41.12	OEM	7.5	10	GD132M*	Each	52079
3.41.13	OEM	9.3	12.5	-	Each	#VALUE!
3.41.14	OEM	11	15	-	Each	#VALUE!

TOTALLY ENCLOSED FAN COOLED SQUIRREL CAGE 3 PH INDUCTION MOTORS-FOOT MOUNTED

Enclosure confirming to protection IP 55 Horizontal Foot Mounted (B3),continuously rated (S1) suitable for operation on 415+/- 10% V,3 Phase 50Hz+/- 5% AC supply with ambient 45°C with Class "F" insulation and altitude less than 1000 m above m.s.l. Efficiency values are conforming to IS12615 / IS/IEC 60034

SMART MOTOR -HIGHER OUTPUT - IE2

DJB Item Code	SORReference	Description				
		2 Pole / 3000 RPM				
		KW	HP	Frame	Unit	Rates Rs.
3.42.1	OEM	250	335	-	-	-
3.42.2	OEM	315	422	-	Each	#VALUE!
3.42.3	OEM	355	476	NG355LX	Each	1227482
3.42.4	OEM	375	503	NG355LX	Each	1292090
3.42.5	OEM	400	535	NG355LX	Each	1347652
3.42.6	OEM	425	570	NG355LX	Each	1403235
3.42.7	OEM	450	600	NG400LX	Each	1708875
3.42.8	OEM	500	670	NG400LX	Each	1764434
3.42.9	OEM	560	750	NG400LX	Each	1820014
3.42.10	OEM	630	850	NG400LX	Each	2014510
3.42.11	OEM	710#	950	-	Each	#VALUE!
3.42.12	OEM	710#	950	-	Each	#VALUE!

DJB Item Code	SORReference	Description				
		4 Pole / 1500 RPM				
		KW	HP	Frame	Unit	Rates Rs.
3.43.1	OEM	250	335	-	-	-
3.43.2	OEM	315	422	-	Each	#VALUE!
3.43.3	OEM	355	476	-	Each	#VALUE!
3.43.4	OEM	375	503	-	Each	#VALUE!
3.43.5	OEM	400	535	NG355LX	Each	1389348
3.43.6	OEM	425	570	ND400LX	Each	1625540
3.43.7	OEM	450	600	NG400LX	Each	1736643
3.43.8	OEM	500	670	NG400LX	Each	1792226
3.43.9	OEM	560	750	NG400LX	Each	1903389
3.43.10	OEM	630	850	NG400LX	Each	2014510
3.43.11	OEM	710#	950	ND450LX	Each	#VALUE!
3.43.12	OEM	710#	950	ND500LX*	Each	#VALUE!

DJB Item Code	SORReference	Description				
		6 Pole / 1000 RPM				
		KW	HP	Frame	Unit	Rates Rs.
3.44.1	OEM	250	335	-	-	-
3.44.2	OEM	315	422	-	Each	#VALUE!
3.44.3	OEM	355	476	NG355LX	Each	1409542
3.44.4	OEM	375	503	ND400LX	Each	1736643
3.44.5	OEM	400	535	NG400LX	Each	1903389
3.44.6	OEM	425	570	-	Each	#VALUE!
3.44.7	OEM	450	600	NG400LX	Each	1958948
3.44.8	OEM	500	670	NG400LX	Each	2042283
3.44.9	OEM	560	750	NG400LX	Each	2097888
3.44.10	OEM	630	850	ND450LX	Each	2653582
3.44.11	OEM	710#	950	ND500LX*	Each	2831989
3.44.12	OEM	710#	950	-	Each	#VALUE!

DJB Item Code	SORReference	Description				
		8 Pole / 750 RPM				
		KW	HP	Frame	Unit	Rates Rs.
3.45.1	OEM	250	335	NG355LX	Each	1528282
3.45.2	OEM	315	422	NG355LX	Each	1583822
3.45.3	OEM	355	476	NG400LX	Each	1681102
3.45.4	OEM	375	503	NG400LX	Each	1764434
3.45.5	OEM	400	535	NG400LX	Each	1903389
3.45.6	OEM	425	570	-	Each	#VALUE!
3.45.7	OEM	450	600	ND450LX	Each	2764746
3.45.8	OEM	500	670	ND450LX	Each	2987033
3.45.9	OEM	560	750	ND450LX	Each	#VALUE!
3.45.10	OEM	630	850	ND500LX*	Each	#VALUE!
3.45.11	OEM	710#	950	-	Each	#VALUE!
3.45.12	OEM	710#	950	-	Each	#VALUE!

TOTALLY ENCLOSED FAN COOLED SQUIRREL CAGE 3 PH INDUCTION MOTORS-FOOT MOUNTED
 Enclosure conforming to protection IP 55 Horizontal Foot Mounted (B3), continuously rated (S1) suitable for operation on 415+/- 10% V, 3 Phase 50Hz+/- 5% AC supply with ambient 45°C with Class "F" insulation and altitude less than 1000 m above m.s.l. Efficiency values are conforming to IS12615 / IS/IEC 60034

SMART MOTOR -HIGHER OUTPUT - IE3

DJB Item Code	SORReference	Description				
		2 Pole / 3000 RPM				
		KW	HP	Frame	Unit	Rates Rs.
3.46.1	OEM	250	335	-	-	-
3.46.2	OEM	315	422	-	Each	#VALUE!
3.46.3	OEM	355	476	NG355LX	Each	#VALUE!
3.46.4	OEM	375	503	NG355LX	Each	#VALUE!
3.46.5	OEM	400	535	NG355LX	Each	#VALUE!
3.46.6	OEM	425	570	NG355LX	Each	#VALUE!
3.46.7	OEM	450	600	NG400LX	Each	#VALUE!
3.46.8	OEM	500	670	NG400LX	Each	1940898
3.46.9	OEM	560	750	NG400LX	Each	2002035
3.46.10	OEM	630	850	NG400LX	Each	2215971
3.46.11	OEM	710#	950	-	Each	#VALUE!
3.46.12	OEM	710#	950	-	Each	#VALUE!

DJB Item Code	SORReference	Description				
		4 Pole / 1500 RPM				
		KW	HP	Frame	Unit	Rates Rs.
3.47.1	OEM	250	335	-	-	-
3.47.2	OEM	315	422	-	Each	#VALUE!
3.47.3	OEM	355	476	-	Each	#VALUE!
3.47.4	OEM	375	503	-	Each	#VALUE!
3.47.5	OEM	400	535	NG355LX	Each	1528300
3.47.6	OEM	425	570	ND400LX	Each	1788078
3.47.7	OEM	450	600	NG400LX	Each	1910331
3.47.8	OEM	500	670	NG400LX	Each	1971465
3.47.9	OEM	560	750	NG400LX	Each	2093740
3.47.10	OEM	630	850	NG400LX	Each	2215971
3.47.11	OEM	710#	950	ND450LX	Each	#VALUE!
3.47.12	OEM	710#	950	ND500LX*	Each	#VALUE!

DJB Item Code	SORReference	Description				
		6 Pole / 1000 RPM				
		KW	HP	Frame	Unit	Rates Rs.
3.48.1	OEM	250	335	-	-	-
3.48.2	OEM	315	422	-	Each	#VALUE!
3.48.3	OEM	355	476	NG355L X	Each	1513010
3.48.4	OEM	375	503	ND400L X	Each	1910331
3.48.5	OEM	400	535	NG400L X	Each	2093740
3.48.6	OEM	425	570	-	Each	#VALUE!
3.48.7	OEM	450	600	NG400L X	Each	2154856
3.48.8	OEM	500	670	NG400L X	Each	2246560
3.48.9	OEM	560	750	NG400L X	Each	2307694
3.48.10	OEM	630	850	ND450L X	Each	2918975
3.48.11	OEM	710#	950	ND500L X*	Each	#VALUE!
3.48.12	OEM	710#	950	-	Each	#VALUE!

DJB Item Code	SOR Refer ence	Description				
		8 Pole / 750 RPM				
		KW	HP	Frame	Unit	Rates Rs.
3.49.1	OEM	250	335	NG355LX	-	1071102
3.49.2	OEM	315	422	NG355LX	Each	1742236
3.49.3	OEM	355	476	NG400LX	Each	1849215
3.49.4	OEM	375	503	NG400LX	Each	1940898
3.49.5	OEM	400	535	NG400LX	Each	2093740
3.49.6	OEM	425	570	-	Each	#VALUE !
3.49.7	OEM	450	600	ND450LX	Each	3041247
3.49.8	OEM	500	670	ND450LX	Each	3285771
3.49.9	OEM	560	750	ND450LX	Each	#VALUE !
3.49.10	OEM	630	850	ND500LX*	Each	#VALUE !
3.49.11	OEM	710#	950	-	Each	#VALUE !
3.49.12	OEM	710#	950	-	Each	#VALUE !

**TOTALLY ENCLOSED FAN COOLED SQUIRREL CAGE 3 PH INDUCTION MOTORS-
FOOT MOUNTED**

Enclosure conforming to protection IP 55 Horizontal Foot Mounted (B3),continuously rated (S1) suitable for operation on 415+/- 10% V,3 Phase 50Hz+/- 5% AC supply with ambient 45°C with Class "F" insulation with temperature rise limited to class F and altitude less than 1000 m above m.s.l. Efficiency values are conforming to IS12615 / IS/IEC 60034

SMART MOTOR -HIGHER OUTPUT (IE3) for VFD Duty Application

DJB Item Code	SORReference	Description				
		2 Pole / 3000 RPM				
		KW	HP	Frame	Unit	Rates Rs.
3.50.1	OEM	250	335	-	-	-
3.50.2	OEM	315	422	-	Each	#VALUE!
3.50.3	OEM	355	476	NG355LX	Each	#VALUE!
3.50.4	OEM	375	503	NG355LX	Each	#VALUE!
3.50.5	OEM	400	535	NG355LX	Each	#VALUE!
3.50.6	OEM	425	570	NG355LX	Each	#VALUE!
3.50.7	OEM	450	600	NG400LX	Each	#VALUE!
3.50.8	OEM	500	670	NG400LX	Each	2032605
3.50.9	OEM	560	750	NG400LX	Each	2093740
3.50.10	OEM	630	850	NG400LX	Each	2307694
3.50.11	OEM	710#	950	-	Each	#VALUE!
3.50.12	OEM	710#	950	-	Each	#VALUE!

DJB Item Code	SORReference	Description				
		4 Pole / 1500 RPM				
		KW	HP	Frame	Unit	Rates Rs.
3.51.1	OEM	250	335	-	-	-
3.51.2	OEM	315	422	-	Each	#VALUE!
3.51.3	OEM	355	476	NG355LX	Each	1540403
3.51.4	OEM	375	503	NG355LX	Each	1621533
3.51.5	OEM	400	535	NG355LX	Each	1737655
3.51.6	OEM	425	570	ND400LX	Each	2043314
3.51.7	OEM	450	600	NG400LX	Each	2165546
3.51.8	OEM	500	670	NG400LX	Each	2226701
3.51.9	OEM	560	750	NG400LX	Each	2348954
3.51.10	OEM	630	850	NG400LX	Each	2471168
3.51.11	OEM	710#	950	ND450LX	Each	#VALUE!
3.51.12	OEM	710#	950	ND500LX	Each	#VALUE!

DJB Item Code	SORReference	Description				
		6 Pole / 1000 RPM				
		KW	HP	Frame	Unit	Rates Rs.
3.52.1	OEM	250	335	-	-	-
3.52.2	OEM	315	422	NG355LX	Each	1584817
3.52.3	OEM	355	476	NG355LX	Each	1859905
3.52.4	OEM	375	503	ND400LX	Each	2165545
3.52.5	OEM	400	535	NG400LX	Each	2348954
3.52.6	OEM	425	570	-	Each	#VALUE!
3.52.7	OEM	450	600	NG400LX	Each	2410073
3.52.8	OEM	500	670	NG400LX	Each	2501796
3.52.9	OEM	560	750	NG400LX	Each	2562909
3.52.10	OEM	630	850	ND450LX	Each	3320880
3.52.11	OEM	710#	950	ND500LX	Each	#VALUE!
3.52.12	OEM	710#	950	-	Each	#VALUE!

DJB Item Code	SORReference	Description				
		8 Pole / 750 RPM				
		KW	HP	Frame	Unit	Rates Rs.
3.53.1	OEM	250	335	NG355LX	-	1743786
3.53.2	OEM	315	422	NG355LX	Each	1829360
3.53.3	OEM	355	476	NG400LX	Each	2104433
3.53.4	OEM	375	503	NG400LX	Each	2196134
3.53.5	OEM	400	535	NG400LX	Each	2348954
3.53.6	OEM	425	570	-	Each	#VALUE!
3.53.7	OEM	450	600	ND450LX	Each	3443169
3.53.8	OEM	500	670	ND450LX	Each	3687697
3.53.9	OEM	560	750	ND450LX	Each	#VALUE!
3.53.10	OEM	630	850	-	Each	#VALUE!
3.53.11	OEM	710#	950	-	Each	#VALUE!
3.53.12	OEM	710#	950	-	Each	#VALUE!

TOTALLY ENCLOSED FAN COOLED SQUIRREL CAGE FLAME PROOF INDUCTION MOTORS

Enclosure conforming to protection IP 55 Horizontal Foot Mounted (B3), continuously rated (S1) suitable for operation on 415+/- 10% V, 3 Phase 50Hz+/- 5% AC supply with ambient 45°C ambient, Class "F" insulation with temperature rise limited to Class "B" and altitude less than 1000 m above m.s.l. Efficiency values are conforming to IS12615 / IS/IEC 60034 , Motors are suitable for Temperature class T4.

Flameproof Motors - IE3

DJB Item Code	SORReference	Description				
		2 Pole / 3000 RPM				
		KW	HP	Frame	Unit	Rates Rs.
3.54.1	OEM	0.37	0.5	E80	-	16549
3.54.2	OEM	0.55	0.75	E80	Each	18510
3.54.3	OEM	0.75	1	E80	Each	19066
3.54.4	OEM	1.1	1.5	E90L	Each	22296
3.54.5	OEM	1.5	2	E90L	Each	22793
3.54.6	OEM	2.2	3	E90L	Each	29799
3.54.7	OEM	3.7	5	E100L	Each	37854
3.54.8	OEM	5.5	7.5	E132M	Each	56141
3.54.9	OEM	7.5	10	E132M	Each	61988
3.54.10	OEM	9.3	12.5	E160L	Each	109956
3.54.11	OEM	11	15	E160L	Each	109956
3.54.12	OEM	15	20	E160L	Each	123525
3.54.13	OEM	18.5	25	E160L	Each	140288
3.54.14	OEM	22	30	E180L	Each	166408
3.54.15	OEM	30	40	E200L	Each	234197
3.54.16	OEM	37	50	E200L	Each	290153
3.54.17	OEM	45	60	E225M	Each	368288
3.54.18	OEM	55	75	E250M	Each	471420
3.54.19	OEM	75	100	E280M	Each	579485
3.54.20	OEM	90	120	E280M	Each	599383
3.54.21	OEM	110	150	E315M	Each	694436
3.54.22	OEM	132	180	E315M	Each	823357
3.54.23	OEM	160	215	E315L#	Each	933468
3.54.24	OEM	180	240	E315L#	Each	1119176
3.54.25	OEM	200	270	E315L#	Each	1390538
3.54.26	OEM	225	300	E355LX#	Each	1738189
3.54.27	OEM	250	335	E355LX#	Each	1825096

DJB Item Code	SORReference	Description				
		4 Pole / 1500 RPM				
		KW	HP	Frame	Unit	Rates Rs.
3.55.1	OEM	0.37	0.5	E80	-	16290
3.55.2	OEM	0.55	0.75	E80	Each	17955
3.55.3	OEM	0.75	1	E80	Each	18669
3.55.4	OEM	1.1	1.5	E90L	Each	21612
3.55.5	OEM	1.5	2	E90L	Each	24202
3.55.6	OEM	2.2	3	E100L	Each	30781
3.55.7	OEM	3.7	5	E112M	Each	38991
3.55.8	OEM	5.5	7.5	E132M	Each	53610
3.55.9	OEM	7.5	10	E132M	Each	61058
3.55.10	OEM	9.3	12.5	E160L	Each	96603
3.55.11	OEM	11	15	E160L	Each	96603
3.55.12	OEM	15	20	E160L	Each	117486
3.55.13	OEM	18.5	25	E180L	Each	133392
3.55.14	OEM	22	30	E180L	Each	158548
3.55.15	OEM	30	40	E200L	Each	212713
3.55.16	OEM	37	50	E225S	Each	277062
3.55.17	OEM	45	60	E225M	Each	350329
3.55.18	OEM	55	75	E250M	Each	429220
3.55.19	OEM	75	100	E280M	Each	526003
3.55.20	OEM	90	120	E280M	Each	536187
3.55.21	OEM	110	150	E315M	Each	640165
3.55.22	OEM	132	180	E315M	Each	774758
3.55.23	OEM	160	215	E315L#	Each	778186
3.55.24	OEM	180	240	E315L#	Each	931504
3.55.25	OEM	200	270	E315L#	Each	1110606
3.55.26	OEM	225	300	E355LX*	Each	1468078
3.55.27	OEM	250	335	E355LX*	Each	1512770

DJB Item Code	SORReference	Description				
		6 Pole / 1000 RPM				
		KW	HP	Frame	Unit	Rates Rs.
3.56.1	OEM	0.37	0.5	E80	-	18886
3.56.2	OEM	0.55	0.75	E80	Each	19404
3.56.3	OEM	0.75	1	E90L	Each	23647
3.56.4	OEM	1.1	1.5	E90L	Each	24330
3.56.5	OEM	1.5	2	E100L	Each	35215
3.56.6	OEM	2.2	3	E112M	Each	40919
3.56.7	OEM	3.7	5	E132M	Each	54214
3.56.8	OEM	5.5	7.5	E132M	Each	65679
3.56.9	OEM	7.5	10	E160L	Each	99540
3.56.10	OEM	9.3	12.5	E160L	Each	116443
3.56.11	OEM	11	15	E160L	Each	121878
3.56.12	OEM	15	20	E180L	Each	155919
3.56.13	OEM	18.5	25	E200L	Each	193882
3.56.14	OEM	22	30	E200L	Each	210310
3.56.15	OEM	30	40	E225M	Each	342951
3.56.16	OEM	37	50	E250M	Each	442680
3.56.17	OEM	45	60	E280M	Each	514120
3.56.18	OEM	55	75	E280M	Each	554542
3.56.19	OEM	75	100	E315M	Each	650248
3.56.20	OEM	90	120	E315M	Each	729350
3.56.21	OEM	110	150	E315L	Each	799628
3.56.22	OEM	132	180	E315L	Each	969250
3.56.23	OEM	160	215	E315L#	Each	1221153
3.56.24	OEM	180	240	E355LX	Each	1324127
3.56.25	OEM	200	270	E355LX	Each	1393829
3.56.26	OEM	225	300	-	Each	#VALUE!
3.56.27	OEM	250	335	-	Each	#VALUE!

TOTALLY ENCLOSED FAN COOLED SQUIRREL CAGE FLAME PROOF INDUCTION MOTORS						
Enclosure confirming to protection IP 55 Horizontal Foot Mounted (B3), continuously rated (S1) suitable for operation on 415+/- 10% V, 3 Phase 50Hz+/- 5% AC supply with ambient 45°C ambient, Class "F" insulation with temperature rise limited to Class "B" and altitude less than 1000 m above m.s.l. Efficiency values are conforming to IS12615 / IS/IEC 60034 , Motors are suitable for Temperature class T4.						
Flameproof Motors - IE2						
DJB Item Code	SORReference	Description				
		2 Pole / 3000 RPM				
		KW	HP	Frame	Unit	Rates Rs.
3.57.1	OEM	0.37	0.5	E80	Each	15476
3.57.2	OEM	0.55	0.75	E80	Each	17321
3.57.3	OEM	0.75	1	E80	Each	17836
3.57.4	OEM	1.1	1.5	E90L	Each	20865
3.57.5	OEM	1.5	2	E90L	Each	21323
3.57.6	OEM	2.2	3	E90L	Each	27874
3.57.7	OEM	3.7	5	E100L	Each	37039
3.57.8	OEM	5.5	7.5	E132M	Each	52533
3.57.9	OEM	7.5	10	E132M	Each	58008
3.57.10	OEM	9.3	12.5	E160L	Each	104777
3.57.11	OEM	11	15	E160L	Each	104777
3.57.12	OEM	15	20	E160L	Each	115571
3.57.13	OEM	18.5	25	E160L	Each	131242
3.57.14	OEM	22	30	E180L	Each	155699
3.57.15	OEM	30	40	E200L	Each	209596
3.57.16	OEM	37	50	E200L	Each	271444
3.57.17	OEM	45	60	E225M	Each	344583
3.57.18	OEM	55	75	E250M	Each	441079
3.57.19	OEM	75	100	E280M	Each	542159
3.57.20	OEM	90	120	E280M	Each	586250
3.57.21	OEM	110	150	E315M	Each	649708
3.57.22	OEM	125	170	E315M	Each	758608
3.57.23	OEM	132	180	E315M	Each	770332
3.57.24	OEM	150	200	E315L	Each	836545
3.57.25	OEM	160	215	E315L#	Each	873340
3.57.26	OEM	180	240	E315L#	Each	1047071
3.57.27	OEM	200	270	E315L#	Each	1300996
3.57.28	OEM	225	300	E355LX#	Each	1626233
3.57.29	OEM	250	335	E355LX#	Each	1707543
3.57.30	OEM	275	370	E355LX#	Each	1792900
3.57.31	OEM	315	425	E355LX#	Each	1882579
3.57.32	OEM	325	435	E355LX#	Each	1930723
3.57.33	OEM	355	476	E400LX*	Each	2659990
3.57.34	OEM	375	503	E400LX*	Each	2861705
3.57.35	OEM	400	535	E400LX*	Each	3147887

DJB Item Code	SORReference	Description				
		4 Pole / 1500 RPM				
		KW	HP	Frame	Unit	Rates Rs.
3.58.1	OEM	0.37	0.5	E80	Each	15216
3.58.2	OEM	0.55	0.75	E80	Each	16802
3.58.3	OEM	0.75	1	E80	Each	17458
3.58.4	OEM	1.1	1.5	E90L	Each	20865
3.58.5	OEM	1.5	2	E90L	Each	22649
3.58.6	OEM	2.2	3	E100L	Each	28789
3.58.7	OEM	3.7	5	E112M	Each	36463
3.58.8	OEM	5.5	7.5	E132M	Each	50148
3.58.9	OEM	7.5	10	E132M	Each	57117
3.58.10	OEM	9.3	12.5	E160L	Each	90381
3.58.11	OEM	11	15	E160L	Each	90381
3.58.12	OEM	15	20	E160L	Each	109916
3.58.13	OEM	18.5	25	E180L	Each	124784
3.58.14	OEM	22	30	E180L	Each	148343
3.58.15	OEM	30	40	E200L	Each	199028
3.58.16	OEM	37	50	E225S	Each	247941
3.58.17	OEM	45	60	E225M	Each	313519
3.58.18	OEM	55	75	E250M	Each	401575
3.58.19	OEM	75	100	E280M	Each	492139
3.58.20	OEM	90	120	E280M	Each	501679
3.58.21	OEM	110	150	E315M	Each	598938
3.58.22	OEM	125	170	E315M	Each	665614
3.58.23	OEM	132	180	E315M	Each	724860
3.58.24	OEM	150	200	E315L	Each	750410
3.58.25	OEM	160	215	E315L#	Each	761173
3.58.26	OEM	180	240	E315L#	Each	911108
3.58.27	OEM	200	270	E315L#	Each	1039074
3.58.28	OEM	225	300	E355LX#	Each	1466867
3.58.29	OEM	250	335	E355LX#	Each	1511519
3.58.30	OEM	275	370	E355LX#	Each	1546350
3.58.31	OEM	315	425	E355LX#	Each	1698081
3.58.32	OEM	325	435	E355LX#	Each	1728771
3.58.33	OEM	355	476	E400LX*	Each	2394003
3.58.34	OEM	375	503	E400LX*	Each	2575548
3.58.35		400	535	E400LX*	Each	2833102

DJB Item Code	SORReference	Description				
		6 Pole / 1000 RPM				
		KW	HP	Frame	Unit	Rates Rs.
3.59.1	OEM	0.37	0.5	E80	Each	17660
3.59.2	OEM	0.55	0.75	E80	Each	18998
3.59.3	OEM	0.75	1	E90L	Each	22109
3.59.4	OEM	1.1	1.5	E90L	Each	22771
3.59.5	OEM	1.5	2	E100L	Each	32955
3.59.6	OEM	2.2	3	E112M	Each	38287
3.59.7	OEM	3.7	5	E132M	Each	50728
3.59.8	OEM	5.5	7.5	E132M	Each	61470
3.59.9	OEM	7.5	10	E160L	Each	97349
3.59.10	OEM	9.3	12.5	E160L	Each	109538
3.59.11	OEM	11	15	E160L	Each	114043
3.59.12	OEM	15	20	E180L	Each	152491
3.59.13	OEM	18.5	25	E200L	Each	189652
3.59.14	OEM	22	30	E200L	Each	205723
3.59.15	OEM	30	40	E225M	Each	322583
3.59.16	OEM	37	50	E250M	Each	414163
3.59.17	OEM	45	60	E280M	Each	481003
3.59.18	OEM	55	75	E280M	Each	518826
3.59.19	OEM	75	100	E315M	Each	608356
3.59.20	OEM	90	120	E315M	Each	713392
3.59.21	OEM	110	150	E315L	Each	782121
3.59.22	OEM	125	170	E315L	Each	889151
3.59.23	OEM	132	180	E315L	Each	948044
3.59.24	OEM	150	200	E315L	Each	991549
3.59.25	OEM	160	215	E315L#	Each	1142542
3.59.26	OEM	180	240	E355LX	Each	1238849
3.59.27	OEM	200	270	E355LX	Each	1363326
3.59.28	OEM	225	300	E355LX	Each	1501222
3.59.29	OEM	250	335	E355LX	Each	1609153
3.59.30	OEM	275	370	E355LX	Each	1618516
3.59.31	OEM	315	425	-	Each	#VALUE!
3.59.32	OEM	325	435	-	Each	#VALUE!
3.59.33	OEM	355	476	-	Each	#VALUE!
3.59.34	OEM	375	503	-	Each	#VALUE!
3.59.35	OEM	400	535	-	Each	#VALUE!

DJB Item Code	SORReference	Description				
		8 Pole / 750 RPM				
		KW	HP	Frame	Unit	Rates Rs.
3.60.1	OEM	0.37	0.5	E90L	Each	21209
3.60.2	OEM	0.55	0.75	E90L	Each	22954
3.60.3	OEM	0.75	1	E100L	Each	27773
3.60.4	OEM	1.1	1.5	E100L	Each	32296
3.60.5	OEM	1.5	2	E112M	Each	38744
3.60.6	OEM	2.2	3	E132M	Each	51203
3.60.7	OEM	3.7	5	E160L	Each	82820
3.60.8	OEM	5.5	7.5	E160L	Each	97265
3.60.9	OEM	7.5	10	E160L	Each	118706
3.60.10	OEM	9.3	12.5	E180L	Each	150899
3.60.11	OEM	11	15	E180L	Each	158951
3.60.12	OEM	15	20	E200L	Each	714851
3.60.13	OEM	18.5	25	E225S	Each	266723
3.60.14	OEM	22	30	E225M	Each	351028
3.60.15	OEM	30	40	E250M	Each	431108
3.60.16	OEM	37	50	E280M	Each	553240
3.60.17	OEM	45	60	E280M	Each	564982
3.60.18	OEM	55	75	E315M	Each	688388
3.60.19	OEM	75	100	E315M	Each	806255
3.60.20	OEM	90	120	E315L	Each	882508
3.60.21	OEM	110	150	E315L	Each	1032093
3.60.22	OEM	125	170	E355LX	Each	1055559
3.60.23	OEM	132	180	E355LX	Each	1072658
3.60.24	OEM	150	200	E355LX	Each	1125920
3.60.25	OEM	160	215	E355LX	Each	1237678
3.60.26	OEM	180	240	E355LX	Each	1290126
3.60.27	OEM	200	270	E355LX	Each	1405992
3.60.28	OEM	225	300	E355LX	Each	1548140
3.60.29	OEM	250	335	E400LX	Each	2394003
3.60.30	OEM	275	370	-	Each	#VALUE!
3.60.31	OEM	315	425	-	Each	#VALUE!
3.60.32	OEM	325	435	-	Each	#VALUE!
3.60.33	OEM	355	476	-	Each	#VALUE!
3.60.34	OEM	375	503	-	Each	#VALUE!
3.60.35	OEM	400	535	-	Each	#VALUE!

TOTALLY ENCLOSED FAN COOLED SQUIRREL CAGE 3 PH INDUSTION MOTORS - FOOT MOUNTED

Squirrel cage Induction Motors with Enclosure conforming to protection IP 55 Horizontal Foot Mounted (B3),continuously rated (S1) suitable for operation on 415+/- 10% V,3 Phase 50Hz+/- 5% AC supply with ambient 50°C,Class "F" insulation with temperature rise limited to Class "B" altitude less than 1000 m above m.s.l. Performance Efficiency values are conforming to IS12615 / IS/IEC 60034

UL Listed Motors - IE2

DJB Item Code	SORReference	Description				
		2 Pole / 3000 RPM				
		KW	HP	Frame	Unit	Rates Rs.
3.61.1	OEM	0.37	0.5	-	Each	-
3.61.2	OEM	0.55	0.75	-	Each	#VALUE!
3.61.3	OEM	0.75	1	ND80	Each	8909
3.61.4	OEM	1.1	1.5	ND80	Each	9662
3.61.5	OEM	1.5	2	ND90S	Each	11093
3.61.6	OEM	2.2	3	ND90L	Each	14247
3.61.7	OEM	3.7	5	ND100L	Each	17660
3.61.8	OEM	4	5.5	ND112M	Each	23845
3.61.9	OEM	5.5	7.5	ND132S	Each	30076
3.61.10	OEM	7.5	10	ND132S	Each	32653
3.61.11	OEM	9.3	12.5	ND132M	Each	47571
3.61.12	OEM	9.3	12.5	ND160M	Each	55031
3.61.13	OEM	11	15	ND160M	Each	58084
3.61.14	OEM	15	20	ND160M	Each	62427
3.61.15	OEM	18.5	25	ND160L	Each	80181
3.61.16	OEM	22	30	ND180M	Each	90100
3.61.17	OEM	30	40	ND200L	Each	132272
3.61.18	OEM	37	50	ND200L	Each	160579
3.61.19	OEM	45	60	ND225M	Each	206659
3.61.20	OEM	55	75	ND250MX	Each	278209
3.61.21	OEM	75	100	ND280S	Each	347398
3.61.22	OEM	90	120	ND280M	Each	400779
3.61.23	OEM	110	150	ND315S	Each	517933
3.61.24	OEM	125	170	ND315M	Each	607734
3.61.25	OEM	132	180	ND315M	Each	636556
3.61.26	OEM	160	215	ND315LX	Each	697315
3.61.27	OEM	180	240	ND315LX	Each	734053
3.61.28	OEM	200	270	ND315LX	Each	814109
3.61.29	OEM	225	300	ND355LX*	Each	916705
3.61.30	OEM	250	335	ND355LX*	Each	938882
3.61.31	OEM	275	370	ND355LX*	Each	965401
3.61.32	OEM	315	425	ND355LX*	Each	988593
3.61.33	OEM	355	473	-	Each	#VALUE!
3.61.34	OEM	375	500	-	Each	#VALUE!

DJB Item Code	SORReference	Description				
		4 Pole / 1500 RPM				
		KW	HP	Frame	Unit	Rates Rs.
3.62.1	OEM	0.37	0.5	-	-	-
3.62.2	OEM	0.55	0.75	-	Each	#VALUE!
3.62.3	OEM	0.75	1	ND80	Each	9248
3.62.4	OEM	1.1	1.5	ND90S	Each	11428
3.62.5	OEM	1.5	2	ND90L	Each	13832
3.62.6	OEM	2.2	3	ND100L	Each	16467
3.62.7	OEM	3.7	5	ND112M	Each	20868
3.62.8	OEM	4	5.5	-	Each	#VALUE!
3.62.9	OEM	5.5	7.5	ND132S	Each	28966
3.62.10	OEM	7.5	10	ND132M	Each	31125
3.62.11	OEM	9.3	12.5	NG132M	Each	45289
3.62.12	OEM	9.3	12.5	ND160M	Each	55324
3.62.13	OEM	11	15	ND160M	Each	55842
3.62.14	OEM	15	20	ND160L	Each	68933
3.62.15	OEM	18.5	25	ND180M	Each	88194
3.62.16	OEM	22	30	ND180L	Each	96569
3.62.17	OEM	30	40	ND200L	Each	133245
3.62.7	OEM	37	50	ND225S	Each	155797
3.62.19	OEM	45	60	ND225M	Each	158844
3.62.20	OEM	55	75	ND250MX	Each	259405
3.62.21	OEM	75	100	ND280S	Each	315837
3.62.22	OEM	90	120	ND280M	Each	367870
3.62.23	OEM	110	150	ND315S	Each	455923
3.62.24	OEM	125	170	ND315M	Each	519378
3.62.25	OEM	132	180	ND315M	Each	534217
3.62.26	OEM	160	215	ND315LX	Each	626796
3.62.27	OEM	180	240	ND315LX	Each	666666
3.62.28	OEM	200	270	ND315LX	Each	760890
3.62.29	OEM	225	300	ND355LX	Each	875106
3.62.30	OEM	250	335	ND355LX	Each	928508
3.62.31	OEM	275	370	ND355LX	Each	1014994
3.62.32	OEM	315	425	ND355LX*	Each	1089442
3.62.33	OEM	355	473	ND355LX*	Each	1323548
3.62.34	OEM	375	500	ND355LX*	Each	1512391

DJB Item Code	SORReference	Description				
		6 Pole / 1000 RPM				
		KW	HP	Frame	Unit	Rates Rs.
3.63.1	OEM	0.37	0.5	-	-	-
3.63.2	OEM	0.55	0.75	-	Each	#VALUE!
3.63.3	OEM	0.75	1	ND90S	Each	11169
3.63.4	OEM	1.1	1.5	ND90L	Each	12224
3.63.5	OEM	1.5	2	ND100L	Each	17599
3.63.6	OEM	2.2	3	ND112M	Each	18770
3.63.7	OEM	3.7	5	ND132S	Each	29204
3.63.8	OEM	4	5.5	-	Each	#VALUE!
3.63.9	OEM	5.5	7.5	ND132M	Each	35926
3.63.10	OEM	7.5	10	ND160M	Each	54812
3.63.11	OEM	9.3	12.5	-	Each	#VALUE!
3.63.12	OEM	9.3	12.5	ND160L	Each	59710
3.63.13	OEM	11	15	ND160L	Each	67448
3.63.14	OEM	15	20	ND180L	Each	88096
3.63.15	OEM	18.5	25	ND200L	Each	125767
3.63.16	OEM	22	30	ND200L	Each	135405
3.63.17	OEM	30	40	ND225M	Each	193529
3.63.18	OEM	37	50	ND250M	Each	260220
3.63.19	OEM	45	60	ND280S	Each	311673
3.63.20	OEM	55	75	ND280M	Each	357911
3.63.21	OEM	75	100	ND315S	Each	437138
3.63.22	OEM	90	120	ND315M	Each	546953
3.63.23	OEM	110	150	ND315M	Each	609915
3.63.24	OEM	125	170	ND315LX	Each	664781
3.63.25	OEM	132	180	ND315LX	Each	711992
3.63.26	OEM	160	215	ND315LX	Each	741348
3.63.27	OEM	180	240	ND355LX	Each	817641
3.63.28	OEM	200	270	ND355LX	Each	879193
3.63.29	OEM	225	300	ND355LX	Each	905557
3.63.30	OEM	250	335	ND355LX	Each	968241
3.63.31	OEM	275	370	ND355LX*	Each	1176839
3.63.32	OEM	315	425	ND355LX*	Each	1456829
3.63.33	OEM	355	473	-	Each	#VALUE!
3.63.34	OEM	375	500	-	Each	#VALUE!

DJB Item Code	SORReference	Description				
		8 Pole / 750 RPM				
		KW	HP	Frame	Unit	Rates Rs.
3.64.1	OEM	0.37	0.5	984	Each	11489
3.64.2	OEM	0.55	0.75	ND90L	Each	12578
3.64.3	OEM	0.75	1	ND100L	Each	15454
3.64.4	OEM	1.1	1.5	ND100L	Each	18809
3.64.5	OEM	1.5	2	ND112M	Each	21783
3.64.6	OEM	2.2	3	ND132S	Each	28826
3.64.7	OEM	3.7	5	ND160M	Each	44853
3.64.8	OEM	4	5.5	-	Each	#VALUE!
3.64.9	OEM	5.5	7.5	ND160M	Each	56059
3.64.10	OEM	7.5	10	ND160L	Each	71056
3.64.11	OEM	9.3	12.5	-	Each	#VALUE!
3.64.12	OEM	9.3	12.5	ND180M	Each	92403
3.64.13	OEM	11	15	ND180L	Each	97441
3.64.14	OEM	15	20	ND200L	Each	137171
3.64.15	OEM	18.5	25	ND225S	Each	176031
3.64.16	OEM	22	30	ND225M	Each	211640
3.64.17	OEM	30	40	ND250M	Each	285706
3.64.18	OEM	37	50	ND280S	Each	372591
3.64.19	OEM	45	60	ND280M	Each	430532
3.64.20	OEM	55	75	ND315S	Each	521660
3.64.21	OEM	75	100	ND315M	Each	647762
3.64.22	OEM	90	120	ND315L	Each	734349
3.64.23	OEM	110	150	ND315LX	Each	777411
3.64.24	OEM	125	170	ND315LX	Each	854140
3.64.25	OEM	132	180	ND315LX	Each	900677
3.64.26	OEM	160	215	ND355LX	Each	1046465
3.64.27	OEM	180	240	ND355LX	Each	1073652
3.64.28	OEM	200	270	ND355LX	Each	1150158
3.64.29	OEM	225	300	ND355LX	Each	1634147
3.64.30	OEM	250	335	-	Each	#VALUE!
3.64.31	OEM	275	370	-	Each	#VALUE!
3.64.32	OEM	315	425	-	Each	#VALUE!
3.64.33	OEM	355	473	-	Each	#VALUE!
3.64.34	OEM	375	500	-	Each	#VALUE!

TOTALLY ENCLOSED FAN COOLED SQUIRREL CAGE 3 PH INDUCTION MOTORS-FOOT MOUNTED 208-230/460 Volt or 575 V 60 Hz, Ambient 40 degree ,class F insulation with class B temp rise. As per NEMA MG-1						
NEEMA MOTORS - PREMIUM SERIES						
DJB Item Code	SORReference	Description				
		2 Pole / 3000 RPM				
		KW	HP	Frame	Unit	Rates Rs.
3.65.1	OEM	0.75	1	143T	Each	12715
3.65.2	OEM	1.1	1.5	143T	Each	15098
3.65.3	OEM	1.5	2	145T	Each	15476
3.65.4	OEM	2.2	3	182T	Each	27139
3.65.5	OEM	3.7	5	184T	Each	29478
3.65.6	OEM	5.5	7.5	213T	Each	41797
3.65.7	OEM	7.5	10	215T	Each	44887
3.65.8	OEM	11	15	254T	Each	68896
3.65.9	OEM	15	20	256T	Each	74707
3.65.10	OEM	18.5	25	84TS ²	Each	113963
3.65.11	OEM	22	30	86TS ²	Each	115333
3.65.12	OEM	30	40	24TS ³	Each	173158
3.65.13	OEM	37	50	26TS ³	Each	182597
3.65.14	OEM	45	60	64TS ³	Each	257420
3.65.15	OEM	55	75	65TS ³	Each	287395
3.65.16	OEM	75	100	05TS ⁴	Each	368525

DJB Item Code	SORReference	Description				
		4 Pole / 1500 RPM				
		KW	HP	Frame	Unit	Rates Rs.
3.66.1	OEM	0.75	1	143T	Each	14283
3.66.2	OEM	1.1	1.5	145T	Each	14643
3.66.3	OEM	1.5	2	145T	Each	16250
3.66.4	OEM	2.2	3	182T	Each	27420
3.66.5	OEM	3.7	5	184T	Each	29917
3.66.6	OEM	5.5	7.5	213T	Each	46104
3.66.7	OEM	7.5	10	215T	Each	49638
3.66.8	OEM	11	15	254T	Each	74170
3.66.9	OEM	15	20	256T	Each	82484
3.66.10	OEM	18.5	25	284T	Each	125590
3.66.11	OEM	22	30	286T	Each	131223
3.66.12	OEM	30	40	324T	Each	191784
3.66.13	OEM	37	50	326T	Each	214256
3.66.14	OEM	45	60	364T	Each	269776
3.66.15	OEM	55	75	365T	Each	296042
3.66.16	OEM	75	100	405T	Each	369138

DJB Item Code	SORReference	Description				
		6 Pole / 1200 RPM				
		KW	HP	Frame	Unit	Rates Rs.
3.67.1	OEM	0.75	1	145T	Each	14979
3.67.2	OEM	1.1	1.5	182T	Each	26663
3.67.3	OEM	1.5	2	184T	Each	27993
3.67.4	OEM	2.2	3	213T	Each	43206

3.67.5	OEM	3.7	5	215T	Each	46955
3.67.6	OEM	5.5	7.5	254T	Each	77745
3.67.7	OEM	7.5	10	256T	Each	88136
3.67.8	OEM	11	15	284T	Each	126142
3.67.9	OEM	15	20	286T	Each	128960
3.67.10	OEM	18.5	25	324T	Each	173036
3.67.11	OEM	22	30	326T	Each	181567
3.67.12	OEM	30	40	364T	Each	277455
3.67.13	OEM	37	50	365T	Each	311198
3.67.14	OEM	45	60	404T	Each	343927
3.67.15	OEM	55	75	405T	Each	366400
3.67.16	OEM	75	100	-	Each	#VALUE!

TOTALLY ENCLOSED FAN COOLED 3 PH SLIP RING INDUCTION MOTORS Enclosure confirming to protection IP 55 Horizontal Foot Mounted (B3),continuously rated (S1) suitable for operation on 415+/- 10% V,3 Phase 50Hz+/- 5% AC supply with ambient 45°C,Class "F" insulation with temperature rise limited to Class "B" and altitude less than 1000 m above m.s.l. conforming to IS12615 / IS/IEC 60034

TEFC Slipping Motors

DJB Item Code	SORReference	Description				
		4 Pole / 1500 RPM				
		KW	HP	Frame	Unit	Rates Rs.
3.68.1	OEM	2.2	3	-	-	-
3.68.2	OEM	3	4	DW132S	Each	63919
3.68.3	OEM	3.7	5	DW132S	Each	65365
3.68.4	OEM	5.5	7.5	DW132M	Each	66731
3.68.5	OEM	7.5	10	NDW160M	Each	88355
3.68.6	OEM	11	15	NDW160L	Each	110553
3.68.7	OEM	15	20	NDW180L	Each	168314
3.68.8	OEM	18.5	25	NDW200L	Each	187002
3.68.9	OEM	22	30	NDW200L	Each	231001
3.68.10	OEM	30	40	NDW225M	Each	316730
3.68.11	OEM	37	50	NDW250M	Each	378584
3.68.12	OEM	45	60	NDW250M	Each	417243
3.68.13	OEM	55	75	NDW280S	Each	463283
3.68.14	OEM	75	100	NDW280M	Each	577582
3.68.15	OEM	90	120	NDW315S	Each	667361
3.68.16	OEM	110	150	NDW315M	Each	734068
3.68.17	OEM	125	170	NDW315LX	Each	773761
3.68.18	OEM	132	180	NDW315LX	Each	877903
3.68.19	OEM	150	200	NDW315LX	Each	896831
3.68.20	OEM	160	215	NDW315LX	Each	948818
3.68.21	OEM	180	240	NDW355L	Each	1054229
3.68.22	OEM	200	270	NDW355L	Each	1110902
3.68.23	OEM	225	300	NDW355LX	Each	1124672
3.68.24	OEM	250	335	NDW355LX	Each	1192727

3.68.25	OEM	275	370	NDW355LX	Each	2269273
3.68.26	OEM	300	402	NDW400LX	Each	2269273
3.68.27	OEM	315	436	NDW400LX	Each	2382736
3.68.28	OEM	350	470	NDW400LX	Each	2647473
3.68.29	OEM	370	500	NDW400LX *	Each	#VALUE!
3.68.30	OEM	450	600	-	Each	#VALUE!

DJB Item Code	SORReference	Description				
		6 Pole / 1000 RPM				
		KW	HP	Frame	Unit	Rates Rs.
3.69.1	OEM	2.2	3	DW132S	-	65999
3.69.2	OEM	3	4	DW132S	Each	69430
3.69.3	OEM	3.7	5	DW132M	Each	72922
3.69.4	OEM	5.5	7.5	NDW160M	Each	88950
3.69.5	OEM	7.5	10	NDW160L	Each	110968
3.69.6	OEM	11	15	NDW180L	Each	144076
3.69.7	OEM	15	20	NDW200L	Each	188054
3.69.8	OEM	18.5	25	NDW225M	Each	242484
3.69.9	OEM	22	30	NDW225M	Each	289771
3.69.10	OEM	30	40	NDW250M	Each	383184
3.69.11	OEM	37	50	NDW280S	Each	433847
3.69.12	OEM	45	60	NDW280M	Each	471396
3.69.13	OEM	55	75	NDW315S	Each	525671
3.69.14	OEM	75	100	NDW315M	Each	663988
3.69.15	OEM	90	120	NDW315LX	Each	736252
3.69.16	OEM	110	150	NDW315LX	Each	873859
3.69.17	OEM	125	170	NDW315LX	Each	948940
3.69.18	OEM	132	180	-	Each	#VALUE!
3.69.19	OEM	150	200	NDW355LX	Each	1017294
3.69.20	OEM	160	215	NDW355LX	Each	1085095
3.69.21	OEM	180	240	NDW355LX	Each	1152897
3.69.22	OEM	200	270	NDW355LX*	Each	1863239
3.69.23	OEM	225	300	NDW400LX	Each	2450163
3.69.24	OEM	250	335	NDW400LX	Each	2722375
3.69.25	OEM	275	370	NDW400LX	Each	2994630
3.69.26	OEM	300	402	NDW400LX	Each	3266806
3.69.27	OEM	315	436	NDW400LX	Each	3539061
3.69.28	OEM	350	470	NDW450LX*	Each	3783763

3.69.29	OEM	370	500	NDW450LX*	Each	4162143
3.69.30	OEM	450	600	NDW450LX*	Each	4578373

DJB Item Code	SORReference	Description					Rates Rs.
		8 Pole / 750 RPM					
		KW	HP	Frame	Unit		
3.70.1	OEM	2.2	3	-	Each	-	
3.70.2	OEM	3	4	NDW160M	Each	95120	
3.70.3	OEM	3.7	5	NDW160M	Each	98512	
3.70.4	OEM	5.5	7.5	NDW160L	Each	110410	
3.70.5	OEM	7.5	10	NDW180L	Each	150124	
3.70.6	OEM	11	15	NDW200L	Each	196701	
3.70.7	OEM	15	20	NDW225M	Each	252918	
3.70.8	OEM	18.5	25	NDW225M	Each	292471	
3.70.9	OEM	22	30	NDW250M	Each	381738	
3.70.10	OEM	30	40	NDW280S	Each	440411	
3.70.11	OEM	37	50	NDW280M	Each	505156	
3.70.12	OEM	45	60	NDW315S	Each	620904	
3.70.13	OEM	55	75	NDW315M	Each	718620	
3.70.14	OEM	75	100	NDW315LX	Each	791121	
3.70.15	OEM	90	120	NDW315LX	Each	935688	
3.70.16	OEM	110	150	NDW355LX	Each	996584	
3.70.17	OEM	125	170	NDW355LX	Each	1108543	
3.70.18	OEM	132	180	-	Each	#VALUE	
3.70.19	OEM	150	200	NDW355LX	Each	1220122	
3.70.20	OEM	160	215	NDW355LX	Each	1236229	
3.70.21	OEM	180	240	NDW400LX	Each	2007391	
3.70.22	OEM	200	270	NDW400LX	Each	2230255	
3.70.23	OEM	225	300	NDW400LX *	Each	2509034	
3.70.24	OEM	250	335	NDW450LX*	Each	3753056	
3.70.25	OEM	275	370	NDW450LX*	Each	4128361	
3.70.26	OEM	300	402	NDW450LX*	Each	4541110	
3.70.27	OEM	315	436	NDW450LX*	Each	4995336	

3.70.28	OEM	350	470	NDW450LX*	Each	5394959
3.70.29	OEM	370	500	NDW450LX*	Each	5826540
3.70.30	OEM	450	600	NDW450LX*	Each	6292678

SCREEN PROTECTED DRIP PROOF SLIP RING INDUCTION MOTORS
Enclosure confirming to protection IP 21 /23 Horizontal Foot Mounted (B3),continuously rated (S1) suitable for operation on 415+/- 10% V,3 Phase 50Hz+/- 5% AC supply with ambient 45°C,Class "F" insulation with temperature rise limited to Class "B" and altitude less than 1000 m above m.s.l. conforming to IS12615 / IS/IEC 60034

SPDP Slipping Motors

DJB Item Code	SORReference	Description				
		4 Pole / 1500 RPM				
		KW	HP	Frame	Unit	Rates Rs.
3.71.1	OEM	3.7	5	-	-	-
3.71.2	OEM	5.5	7.5	-	Each	#VALUE!
3.71.3	OEM	7.5	10	CW160M	Each	81490
3.71.4	OEM	11	15	CW160L	Each	90774
3.71.5	OEM	15	20	CW180M	Each	120628
3.71.6	OEM	18.5	25	CW180M	Each	123861
3.71.7	OEM	22	30	CW180L	Each	133145
3.71.8	OEM	30	40	CW200M	Each	169943
3.71.9	OEM	37	50	CW200L	Each	184760
3.71.10	OEM	45	60	CW225M	Each	255566
3.71.11	OEM	55	75	CW250S	Each	304076
3.71.12	OEM	75	100	CW250S	Each	319289
3.71.13	OEM	90	120	CW250MX	Each	389214
3.71.14	OEM	110	150	CW280M	Each	435095
3.71.15	OEM	125	170	CW280MX*	Each	540585
3.71.16	OEM	132	180	CW280MX*	Each	567623
3.71.17	OEM	150	200	CW315S*	Each	663692
3.71.18	OEM	160	215	CW315M*	Each	697819

3.71.19	OEM	180	240	CW315MX*	Each	772495
3.71.20	OEM	200	270	CW315MX*	Each	891573
3.71.21	OEM	225	300	CW315MX*	Each	892305
3.71.22	OEM	250	335	CW355L	Each	#VALUE!
3.71.23	OEM	275	369	CW355L	Each	#VALUE!
3.71.24	OEM	300	402	CW355L	Each	#VALUE!
3.71.25	OEM	325	435	CW355L	Each	#VALUE!
3.71.26	OEM	350	470	CW355L	Each	#VALUE!

DJB Item Code	SORReference	Description				
		6 Pole / 1000 RPM				
		KW	HP	Frame	Unit	Rates Rs.
3.72.1	OEM	3.7	5	-	-	-
3.72.2	OEM	5.5	7.5	CW160M	Each	81014
3.72.3	OEM	7.5	10	CW160L	Each	94526
3.72.4	OEM	11	15	CW180M	Each	121441
3.72.5	OEM	15	20	CW180L	Each	133819
3.72.6	OEM	18.5	25	CW200M	Each	181466
3.72.7	OEM	22	30	CW200L	Each	189420
3.72.8	OEM	30	40	CW225M	Each	240898
3.72.9	OEM	37	50	CW225M	Each	258570
3.72.10	OEM	45	60	CW250S	Each	336012
3.72.11	OEM	55	75	CW250M	Each	374595
3.72.12	OEM	75	100	CW280S	Each	455886
3.72.13	OEM	90	120	CW280M	Each	544751
3.72.14	OEM	110	150	CW315S*	Each	636495
3.72.15	OEM	125	170	CW315MX*	Each	713975
3.72.16	OEM	132	180	CW315MX*	Each	732705
3.72.17	OEM	150	200	CW315MX*	Each	800500
3.72.7	OEM	160	215	CW315MX*	Each	812008
3.72.19	OEM	180	240	CW355L	Each	#VALUE!
3.72.20	OEM	200	270	CW355L	Each	#VALUE!
3.72.21	OEM	225	300	CW355L	Each	#VALUE!
3.72.22	OEM	250	335	CW355L	Each	#VALUE!
3.72.23	OEM	275	369	CW355L	Each	#VALUE!
3.72.24	OEM	300	402	CW400LX	Each	#VALUE!

3.72.25	OEM	325	435	CW400LX	Each	#VALUE!
3.72.26	OEM	350	470	-	Each	#VALUE!

DJB Item Code	SORReference	Description				
		8 Pole / 750 RPM				
		KW	HP	Frame	Unit	Rates Rs.
3.73.1	OEM	3.7	5	CW160M	Each	82682
3.73.2	OEM	5.5	7.5	CW160L	Each	88057
3.73.3	OEM	7.5	10	CW180M	Each	121701
3.73.4	OEM	11	15	CW180L	Each	142249
3.73.5	OEM	15	20	CW200M	Each	175991
3.73.6	OEM	18.5	25	CW200L	Each	185056
3.73.7	OEM	22	30	CW225M	Each	243573
3.73.8	OEM	30	40	CW225M	Each	270373
3.73.9	OEM	37	50	CW250S	Each	340969
3.73.10	OEM	45	60	CW250M	Each	391394
3.73.11	OEM	55	75	CW280S	Each	474946
3.73.12	OEM	75	100	CW280M	Each	518744
3.73.13	OEM	90	120	CW315S*	Each	660932
3.73.14	OEM	110	150	CW315MX*	Each	715207
3.73.15	OEM	125	170	CW355L	Each	752795
3.73.16	OEM	132	180	CW355L	Each	794928
3.73.17	OEM	150	200	CW355L	Each	987004
3.73.18	OEM	160	215	CW355L	Each	1111957
3.73.19	OEM	180	240	CW355L	Each	1176897
3.73.20	OEM	200	270	CW355L	Each	1273442
3.73.21	OEM	225	300	CW400LX	Each	1955556

3.73.22	OEM	250	335	CW400LX	Each	2051805
3.73.23	OEM	275	369	-	Each	#VALUE!
3.73.24	OEM	300	402	-	Each	#VALUE!
3.73.25	OEM	325	435	-	Each	#VALUE!
3.73.26	OEM	350	470	-	Each	#VALUE!

DJB Item Code	SORReference	Description				
		10 Pole / 600 RPM				
		KW	HP	Frame	Unit	Rates Rs.
3.74.1	OEM	110	150	CW315MX*	Each	990576
3.74.2	OEM	125	170	CW355L	Each	1278282
3.74.3	OEM	150	200	CW355L	Each	1457189
3.74.4	OEM	160	215	CW355L	Each	1571456
3.74.5	OEM	180	240	CW355L	Each	1586442
3.74.6	OEM	200	270	CW400LX	Each	1837015
3.74.7	OEM	225	300	CW400LX	Each	2029705

TOTALLY ENCLOSED FAN COOLED SQUIRREL CAGE CRANE DUTY MOTORS MOUNTING: FOOT VOLTAGE : 415 V ± 10% FREQUENCY : 50Hz ± 5% COMBINED : 10% (ABSOLUTE SUM) AMBIENT : 50°C				PROTECTION :IP55 RATING : S3 / S4 (AS PER IS/IEC 60034-1, IS1231, IS2223) DUTY : INTERMITTENT INSULATION : CLASS F, TEMP RISE-CLASS B 40% CDF , 150 Starts stops per Hr		
TOTALLY ENCLOSED FAN COOLED SQUIRREL CAGE CRANE DUTY MOTORS						
DJB Item Code	SORReference	Description				
		4 Pole / 1500 RPM				
		KW	HP	Frame	Unit	Rates Rs.
3.75.1	OEM	0.25	0.34	GD63	Each	7469
3.75.2	OEM	0.55	0.75	GD71	Each	7900
3.75.3	OEM	0.75	1	ND80	Each	8787
3.75.4	OEM	1.1	1.5	ND80	Each	9232
3.75.5	OEM	1.5	2	ND90S	Each	9675
3.75.6	OEM	2.2	3	ND90L	Each	10587
3.75.7	OEM	3.7	5	ND100L	Each	14262
3.75.8	OEM	5.5	7.5	ND112M	Each	17873
3.75.9	OEM	7.5	10	ND132S	Each	24598
3.75.10	OEM	9.3	12.5	ND132M	Each	31244
3.75.11	OEM	11	15	ND160M	Each	48657
3.75.12	OEM	15	20	ND160M	Each	52948

3.75.13	OEM	18.5	25	ND160L	Each	56968
3.75.14	OEM	22.5	30	ND180M	Each	79712
3.75.15	OEM	27	36	ND180L	Each	85760
3.75.16	OEM	37	50	ND200L	Each	114384
3.75.17	OEM	40	53.33	ND225S	Each	148514
DJB Item Code	SORReference	Description				
		6 Pole / 1000 RPM				
		KW	HP	Frame	Unit	Rates Rs.
3.76.1	OEM	0.17	0.23	GD63	Each	7305
3.76.2	OEM	0.37	0.5	GD71	Each	8671
3.76.3	OEM	0.55	0.75	ND80	Each	9312
3.76.4	OEM	0.75	1	ND80	Each	9312
3.76.5	OEM	1.1	1.5	ND90S	Each	9974
3.76.6	OEM	1.5	2	ND90L	Each	11550
3.76.7	OEM	2.2	3	ND100L	Each	15058
3.76.8	OEM	3.7	5	ND112M	Each	17940
3.76.9	OEM	5.5	7.5	ND132S	Each	26358
3.76.10	OEM	7.5	10	ND132M	Each	29344
3.76.11	OEM	9.3	12.5	ND160M	Each	47360
3.76.12	OEM	11	15	ND160L	Each	52652
3.76.13	OEM	15	20	ND160L	Each	62674
3.76.14	OEM	18.5	25	ND180L	Each	85729

DJB Item Code	SORReference	Description				
		8 Pole / 750 RPM				
		KW	HP	Frame	Unit	Rates Rs.
3.77.1	OEM	0.55	0.75	ND90S	Each	10248
3.77.2	OEM	0.75	1	ND90L	Each	11550
3.77.3	OEM	1.1	1.5	ND100L	Each	13899
3.77.4	OEM	1.5	2	ND112M	Each	15287
3.77.5	OEM	2.2	3	ND132S	Each	19514
3.77.6	OEM	3.7	5	ND160M	Each	25876
3.77.7	OEM	5.5	7.5	ND160M	Each	49694
3.77.8	OEM	7.5	10	ND160M	Each	53641
3.77.9	OEM	9.3	12.5	ND160L	Each	64678
3.77.10	OEM	10	13.4	ND180M	Each	82356
3.77.11	OEM	12	16	ND180L	Each	91692

TOTALLY ENCLOSED FAN COOLED SLIPRING CRANE DUTY MOTORS MOUNTING : FOOT VOLTAGE : 415 V ± 10% FREQUENCY: 50Hz ± 5% COMBINED :10% (ABSOLUTE SUM) AMBIENT : 50°C	PROTECTION : IP55 RATING : S3 / S4 (AS PER IEC 60034) DUTY :INTERMITTENT INSULATION: CLASS F, TEMP RISE- CLASS B 40%CDF , 150 Starts Stops per Hr
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TOTALLY ENCLOSED FAN COOLED SLIPRING CRANE DUTY MOTORS

DJB Item Code	SORReference	Description				
		6 Pole / 1000 RPM				
		KW	HP	Frame	Unit	Rate after Discount
3.78.1	OEM	1.8	2.41	NDW112M	Each	46796
3.78.2	OEM	2.6	3.5	DW132S	Each	61616
3.78.3	OEM	4.5	6.03	DW132M	Each	73597
3.78.4	OEM	6.7	9	NDW160M	Each	83515
3.78.5	OEM	9	12.07	NDW160L	Each	103313
3.78.6	OEM	13.2	17.5	NDW180L	Each	155443
3.78.7	OEM	17.6	23.6	NDW200L	Each	204359
3.78.8	OEM	24.6	33	NDW225S	Each	252741
3.78.9	OEM	30.5	41	NDW225M	Each	311893
3.78.10	OEM	36	48.28	NDW250S	Each	329848
3.78.11	OEM	42	56	NDW250M	Each	470502
3.78.12	OEM	53.5	72	NDW280S	Each	517558
3.78.13	OEM	66.5	89	NDW280M	Each	604916
3.78.14	OEM	93	126	NDW315S	Each	723182
3.78.15	OEM	116	156	NDW315M	Each	819962

DJB Item Code	SORReference	Description				
		8 Pole / 750 RPM				
		KW	HP	Frame	Unit	Rate after Discount
3.79.1	OEM	1.7	2.3	DW132S	Each	66158
3.79.2	OEM	2.5	3.4	DW132M	Each	88889
3.79.3	OEM	4.8	6.4	NDW160M	Each	96310
3.79.4	OEM	6.7	9	NDW160L	Each	119932
3.79.5	OEM	9.3	11	NDW180L	Each	160973
3.79.6	OEM	13.5	18	NDW200L	Each	209712
3.79.7	OEM	20.2	27.2	NDW225S	Each	272636
3.79.8	OEM	26	35	NDW225M	Each	311893
3.79.9	OEM	31.5	42.2	NDW250S	Each	379749
3.79.10	OEM	37	50	NDW250MX	Each	472903

3.79.11	OEM	48	64	NDW280S	Each	528306
3.79.12	OEM	59	79	NDW280M	Each	575340
3.79.13	OEM	72	96	NDW315S	Each	771580
3.79.14	OEM	86	115.3	NDW315M	Each	837457

DJB Item Code	SORReference	Description				
		10 Pole / 600 RPM				
		KW	HP	Frame	Unit	Rates Rs.
3.80.1	OEM	15	20	NDW225S	Each	255834
3.80.2	OEM	18.5	25	NDW225M	Each	299791
3.80.3	OEM	22	30	NDW250M	Each	383184
3.80.4	OEM	38	51	NDW280S	Each	571311
3.80.5	OEM	46.5	62	NDW280M	Each	625067
3.80.6	OEM	60	80	NDW315S	Each	795782
3.80.7	OEM	66	88	NDW315M	Each	833809

TOTALLY ENCLOSED FAN COOLED SQUIRREL CAGE INDUCTION MOTORS FOR TEXTILE APPLICATIONS

Enclosure confirming to protection IP 54 Horizontal Foot Mounted (B3), continuously rated (S1) suitable for operation on 415+/- 10% V, 3 Ph 50Hz+/- 5% AC supply with ambient 45°C, Class "F" insulation with temp. rise limited to Class "B" and altitude less than 1000 m above m.s.l. confirming to IS12615 / IS/IEC 60034 with clean flow construction.

FOR LOOM / WEAVING APPLICATION (TE) / TB ON RHS

DJB Item Code	SORReference	Description				
		6 Pole / 1000 RPM				
		KW	HP	Frame	Unit	Rates Rs.
3.81.1	OEM	0.75	1	NR90L	Each	10166
3.81.2	OEM	1.1	1.5	R112M	Each	11828
3.81.3	OEM	1.5	2	R112M	Each	13573

DJB Item Code	SORReference	Description				
		8 Pole / 750 RPM				
		KW	HP	Frame	Unit	Rates Rs.
3.82.1	OEM	0.75	1	R112M	Each	13213
3.82.2	OEM	1.1	1.5	R112M	Each	17400
3.82.3	OEM	1.5	2	R132S	Each	18471

CARD APPLICATION (TE) / TB ON TOP

DJB Item Code	SORReference	Description				
		6 Pole / 1000 RPM				
		KW	HP	Frame	Unit	Rates Rs.

		KW	HP	Frame	Unit	Rates Rs.
3.83.1	OEM	0.75	1	NR90L	Each	9842
3.83.2	OEM	1.1	1.5	R112M	Each	18151
3.83.3	OEM	1.5	2	R112M	Each	22061

GINNING APPLICATION (TEFC) / TB ON RHS						
DJB Item Code	SORReference	Description				
		4 Pole / 1500 RPM				
		KW	HP	Frame	Unit	Rates Rs.
3.84.1	OEM	2.2	3	ND100L	Each	14942
3.84.2	OEM	3	4	ND112M	Each	17498
3.84.3	OEM	3.7	5	ND132S	Each	21527
3.84.4	OEM	5.5	7.5	ND132S	Each	25712
3.84.5	OEM	7.5	10	ND132M	Each	30628

RING FRAME, TEXTILE MOTOR : TB TOP, AMBIENT :45°C, RISE 75°C , IS12615 / IS/IEC 60034 ROLLER BEARING AT DE FOR 160 FR. AND ABOVE TO SUSTAIN HIGHER RADIAL LOAD						
DJB Item Code	SORReference	Description				
		4 Pole / 1500 RPM				
		KW	HP	Frame	Unit	Rates Rs.
3.85.1	OEM	3.7	5	ND112M	Each	22536
3.85.2	OEM	5.5	7.5	ND132S	Each	30866
3.85.3	OEM	7.5	10	ND132M	Each	36164
3.85.4	OEM	9.3	12.5	ND160M	Each	57075
3.85.5	OEM	11	15	ND160M	Each	58859
3.85.6	OEM	13	17.5	ND160L	Each	71178
3.85.7	OEM	15	20	ND160L	Each	73160
3.85.8	OEM	18.5	25	ND180M	Each	102992
3.85.9	OEM	22	30	ND180L	Each	109721
3.85.10	OEM	30	40	ND200L	Each	148023
3.85.11	OEM	37	50	ND225S	Each	190314
3.85.12	OEM	45	60	ND225M	Each	230681

DJB Item Code	SOR Reference	Description				
		6 Pole / 1000 RPM				
		KW	HP	Frame	Unit	Rates Rs.
3.86.1	OEM	3.7	5	ND132S	Each	32855
3.86.2	OEM	5.5	7.5	ND132M	Each	36643
MOUNTING : FOOT VOLTAGE: 415 V ± 10% FREQUENCY : 50Hz ± 5% AMBIENT : 50°C					PROTECTION : IP55 RATING: S1 DUTY : Continuous INSULATION : CLASS F, TEMP RISE-CLASS B Efficiency Class : IE2	
TOTALLY ENCLOSED FAN COOLED CRUSHER DUTY MOTORS						
DJB Item Code	SOR Reference	Description				
		4 Pole / 1500 RPM				
		KW	HP	Frame	Unit	Rates Rs.
3.87.1	OEM	45	60	ND225M	Each	190729
3.87.2	OEM	55	75	ND250M	Each	262120
3.87.3	OEM	75	100	ND280S	Each	319012
3.87.4	OEM	90	120	ND280M	Each	371578
3.87.5	OEM	110	150	ND315S	Each	460526
3.87.6	OEM	125	175	ND315M	Each	524637
3.87.7	OEM	132	180	ND315M	Each	539612
3.87.8	OEM	160	215	ND315LX	Each	633122
3.87.9	OEM	180	240	ND315LX	Each	673409
3.87.10	OEM	200	270	ND315LX	Each	768563
3.87.11	OEM	225	300	ND355LX	Each	911428
3.87.12	OEM	250	335	ND355LX	Each	937867

DJB Item Code	SORReference	Description					
		6 Pole / 1000 RPM					
		KW	HP	Frame	Unit	Rates Rs.	
3.88.1	OEM	45	60	-	-	-	
3.88.2	OEM	55	75	ND280M	Each	361523	
3.88.3	OEM	75	100	ND315S	Each	441524	
3.88.4	OEM	90	120	ND315M	Each	552486	
3.88.5	OEM	110	150	ND315M	Each	616063	
3.88.6	OEM	125	175	ND315L	Each	671488	
3.88.7	OEM	132	180	ND315LX	Each	719172	
3.88.8	OEM	160	215	ND315LX	Each	748827	
3.88.9	OEM	180	240	ND355LX	Each	825891	
3.88.10	OEM	200	270	ND355LX	Each	888059	
3.88.11	OEM	225	300	ND355LX	Each	914722	
3.88.12	OEM	250	335	ND355LX	Each	978016	
MOUNTING : FOOT VOLTAGE : 415 VOLTS ± 10% FREQUENCY : 50Hz ± 5% COMBINED : 10% (ABSOLUTE SUM) AMBIENT : 50°C				PROTECTION : IP55 EFFICIENCY : IE2 DUTY : S1 (CONTINUOUS) INSULATION :CLASS F, TEMP RISE- CLASS B BRAKE TYPE : DC			
TOTALLY ENCLOSED FAN COOLED SQUIRREL CAGE DC BRAKE MOTORS							
Brake - KIBOSH Series (CI)							
DJB Item Code	SORReference	Description					
		4 Pole / 1500 RPM					
		KW	HP	Frame	Brake size	Unit	Rates Rs.
3.89.1	OEM	0.37	0.5	-	-	-	#VALUE!
3.89.2	OEM	0.55	0.75	NG80	8	Each	19105
3.89.3	OEM	0.75	1	NG80	8	Each	19166
3.89.4	OEM	1.1	1.5	NG90S	10	Each	24919
3.89.5	OEM	1.5	2	NG90L	10	Each	25751

3.89.6	OEM	2.2	3	NG100L	12	Each	30909
3.89.7	OEM	3	4	NG100L	12	Each	31583
3.89.8	OEM	3.7	5	NG112M	14	Each	35590
3.89.9	OEM	5.5	7.5	NG132S	16	Each	48343
3.89.10	OEM	7.5	10	NG132M	16	Each	52253
3.89.11	OEM	9.3	12.5	NG132M	16	Each	62586
3.89.12	OEM	9.3	12.5	ND160M	18	Each	62586
3.89.13	OEM	11	15	ND160M	20	Each	83594
3.89.14	OEM	15	20	ND160L	20	Each	106485
3.89.15	OEM	18.5	25	ND180M	25	Each	157167
3.89.16	OEM	22	30	ND180L	25	Each	165578
3.89.17	OEM	30	40	ND200L	25	Each	205787
3.89.18	OEM	37	50	ND225S	25	Each	#VALUE!
3.89.19	OEM	45	60	ND225M	25	Each	#VALUE!

DJB Item Code	SORReference	Description					
		6 Pole / 1000 RPM					
		KW	HP	Frame	Brake size	Unit	Rates Rs.
3.90.1	OEM	0.37	0.5	NG80	8	Each	19559
3.90.2	OEM	0.55	0.75	NG80	8	Each	19779
3.90.3	OEM	0.75	1	NG90S	10	Each	25513
3.90.4	OEM	1.1	1.5	NG90L	10	Each	26465
3.90.5	OEM	1.5	2	NG100L	12	Each	31324
3.90.6	OEM	2.2	3	NG112M	14	Each	34935
3.90.7	OEM	3	4	NG132S	16	Each	48821
3.90.8	OEM	3.7	5	NG132S	16	Each	49932
3.90.9	OEM	5.5	7.5	NG132M	16	Each	52826
3.90.10	OEM	7.5	10	ND160M	18	Each	84964
3.90.11	OEM	9.3	12.5	ND160L	20	Each	105454
3.90.12	OEM	9.3	12.5	-	-	Each	-
3.90.13	OEM	11	15	ND160L	20	Each	108272
3.90.14	OEM	15	20	ND180L	25	Each	161156
3.90.15	OEM	18.5	25	ND200L	25	Each	195054
3.90.16	OEM	22	30	ND200L	25	Each	203566
3.90.17	OEM	30	40	ND225M	25	Each	#VALUE!
3.90.18	OEM	37	50	-	-	Each	#VALUE!
3.90.19	OEM	45	60	-	-	Each	#VALUE!

AMBIENT : 50°C PROTECTION : IP55
 MOUNTING : FOOT EFFICIENCY : IE2
 VOLTAGE : 415 VOLTS ± 10% RATING : S1 (CONTINUOUS)
 FREQUENCY : 50Hz ± 5% INSULATION : CLASS F, TEMP RISE-CLASS B
 COMBINED : 10% (ABSOLUTE SUM) BRAKE TYPE : DC APPLICABLE
 STANDARDS : IS/IEC 60034-30-1, IS 12615 : 2018; IS1231, IS2223

TOTALLY ENCLOSED FAN COOLED SQUIRREL CAGE DC BRAKE MOTORS

Brake - KIBOSH Series (Aluminum Series)

DJB Item Code	SORReference	Description					
		4 Pole / 1500 RPM					
		KW	HP	Frame	Brake size	Unit	Rates Rs.
3.91.1	OEM	0.37	0.5	GD71	6	Each	16647
3.91.2	OEM	0.55	0.75	GD80	8	Each	18492
3.91.3	OEM	0.75	1	GD80	8	Each	18550
3.91.4	OEM	1.1	1.5	GD90S	10	Each	24083
3.91.5	OEM	1.5	2	GD90L	10	Each	24919
3.91.6	OEM	2.2	3	GD100L	12	Each	33230
3.91.7	OEM	3.7	5	GD112M	14	Each	34441
3.91.8	OEM	5.5	7.5	GD132S	16	Each	51975
3.91.9	OEM	7.5	10	GD132M	16	Each	56160

DJB Item Code	SORReference	Description					
		6 Pole / 1000 RPM					
		KW	HP	Frame	Brake size	Unit	Rates Rs.
3.92.1	OEM	0.37	0.5	GD80	8	Each	18928
3.92.2	OEM	0.55	0.75	GD80	8	Each	19145
3.92.3	OEM	0.75	1	GD90S	10	Each	24681
3.92.4	OEM	1.1	1.5	GD90L	10	Each	25614
3.92.5	OEM	1.5	2	GD100L	12	Each	30314
3.92.6	OEM	2.2	3	GD112M	14	Each	33803
3.92.7	OEM	3.7	5	GD132S	16	Each	48303
3.92.8	OEM	5.5	7.5	GD132M	16	Each	56794
3.92.9	OEM	7.5	10	-	-	Each	#VALUE!

MOUNTIING
VOLTAGE : FOOT
: 415 VOLTS ± 10% PROTECTION :
RATING : IP55 S1
FREQUENCY : 50Hz ± 5% DUTY : Continuous
COMBINED : 10% (ABSOLUTE SUM) INSULATION : CLASS F, TEMP RISE-
CLASS F
AMBIENT : 50°C PAINT : RED

TOTALLY ENCLOSED FAN COOLED FIRE FIGHTING MOTORS

FIRE FIGHTING Series

DJB Item Code	SORReference	Description				Rates Rs.
		FIRE FIGHTING				
		FF Catref	Frame	Unit		
3.93.1	OEM	5.50KNE2-FF	ND112M	Each	17345	
3.93.2	OEM	9.30KNE2-FF	ND132M	Each	41084	
3.93.3	OEM	11KNE2-FF	ND132M	Each	46189	
3.93.4	OEM	15KE2-FF	ND160M	Each	53900	
3.93.5	OEM	22KE2-FF	ND160L	Each	73700	
3.93.6	OEM	30KE2-FF	ND180L	Each	108214	
3.93.7	OEM	45KE2-FF	ND200L	Each	169074	
3.93.8	OEM	55KE2-FF	ND225M	Each	202319	
3.93.9	OEM	60KE2-FF	ND225M	Each	212436	
3.93.10	OEM	75KE2-FF	ND250MX	Each	252656	
3.93.11	OEM	90KE2-FF	ND280M	Each	346111	

TOTALLY ENCLOSED FAN COOLED MOTORS FOR COMPRESSOR
APPLICATION MOUNTIING
VOLTAGE : FOOT
: 415 VOLTS ± 10% PROTECTION :
RATING : IP55S1
FREQUENCY : 50Hz ± 5% DUTY : Continuous
COMBINED : 10% (ABSOLUTE SUM) INSULATION : CLASS F, TEMP RISE-CLASS
F
AMBIENT : 50°C SERVICE FACTOR : 1.2

TOTALLY ENCLOSED FAN COOLED SQUIRREL CAGE DC BRAKE MOTORS

COMPRESSOR SERIES

DJB Item Code	SORReference	Description				
		COMPRESSOR SERIES				
		KW	Pole	Frame	Unit	Rate after Discount
3.94.1	OEM	7.5	2	NG132M	Each	48465
3.94.2	OEM	11	2	PC132M	Each	58103
3.94.3	OEM	15	2	ND160L	Each	67704
3.94.4	OEM	22	2	ND160L	Each	86570

3.94.5	OEM	30	2	ND200L	Each	168772
3.94.6	OEM	37	2	ND200L	Each	177638
3.94.7	OEM	45	2	ND200L	Each	197533
3.94.8	OEM	55	2	ND250MX	Each	283607
3.94.9	OEM	75	2	ND250MX	Each	298659
3.94.10	OEM	150	2	ND315LX	Each	738890
3.94.11	OEM	11	4	ND160M	Each	76192
3.94.12	OEM	15	4	ND160L	Each	83814
3.94.13	OEM	18.5	4	ND180L	Each	105948
3.94.14	OEM	22	4	ND180L	Each	129436
3.94.15	OEM	55	4	ND250MX	Each	329644
3.94.16	OEM	75	4	PC250M	Each	370133
3.94.17	OEM	90	4	ND280M	Each	436129
3.94.18	OEM	132	4	ND315LX	Each	716494
3.94.19	OEM	160	4	ND315LX	Each	818849
3.94.20	OEM	200	4	ND355LX	Each	1057682

TOTALLY ENCLOSED AIR OVER SMOKE EXTRACTION MOTORS MOUNTING: FOOT
PROTECTION: IP55
VOLTAGE: 415 VOLTS ± 10% RATING: S1/S2
FREQUENCY : 50Hz ± 5% Paint: RAL7032 (PEBBLE GREY)
Temperature : 300°C – 2Hrs Insulation : H Class
CI B3 IE2 TEAO ND Series Motor. T.BOX at TOP and 1m Flying leads

Smoke Extraction Motors							
DJB Item Code	SORreference	Description					
		2 POLE : 3000 RPM					
		KW	HP	Frame	CATREF	Unit	Rates Rs.
3.95.1	OEM	0.75	1	ND80	0.75KNE2TOP_SM3TE	Each	9903
3.95.2	OEM	1.1	1.5	ND80	1.1KNE2TOP_SM3TE	Each	10776
3.95.3	OEM	1.5	2	ND90S	1.5KNE2TOP_SM3TE	Each	12380
3.95.4	OEM	2.2	3	ND90L	2.2KNE2TOP_SM3TE	Each	15854
3.95.5	OEM	3.7	5	ND100L	3.7KNE2TOP_SM3TE	Each	19703
3.95.6	OEM	5.5	7.5	ND132S	5.5KNE2TOP_SM3TE	Each	32098
3.95.7	OEM	7.5	10	ND132S	7.5KNE2TOP_SM3TE	Each	36444
3.95.8	OEM	18.5	25	ND160L	18.5KE2TOP_SM3TE	Each	89505
3.95.9	OEM	22	30	ND180M	22KE2TOP_SM3TE	Each	100555
3.95.10	OEM	30	40	ND200L	30KE2TOP_SM3TE	Each	147626
3.95.11	OEM	37	50	ND200L	37KE2TOP_SM3TE	Each	179224

DJB Item Code	SORReference	Description					
		4 POLE : 1500 RPM					
		KW	HP	Frame	CATREF	Unit	Rates Rs.
3.96.1	OEM	0.55	0.75	ND80	0.55KNE4TOP_SM3TE	Each	10141
3.96.2	OEM	0.75	1	ND80	0.75KNE4TOP_SM3TE	Each	10279
3.96.3	OEM	1.1	1.5	ND90S	1.10KNE4TOP_SM3TE	Each	12715
3.96.4	OEM	1.5	2	ND90L	1.50KNE4TOP_SM3TE	Each	15418
3.96.5	OEM	2.2	3	ND100L	2.20KNE4TOP_SM3TE	Each	18370
3.96.6	OEM	3.7	5	ND112M	3.70KNE4TOP_SM3TE	Each	23272
3.96.7	OEM	5.5	7.5	ND132S	5.50KNE4TOP_SM3TE	Each	32336
3.96.8	OEM	7.5	10	ND132M	7.50KNE4TOP_SM3TE	Each	38207
3.96.9	OEM	11	15	ND160M	11KE4TOP_SM3TE	Each	62312
3.96.10	OEM	15	20	ND160L	15KE4TOP_SM3TE	Each	76909
3.96.11	OEM	18.5	25	ND180M	18.5KE4TOP_SM3TE	Each	98411
3.96.12	OEM	22	30	ND180L	22KE4TOP_SM3TE	Each	107793
3.96.13	OEM	30	40	ND200L	30KE4TOP_SM3TE	Each	148718

DJB Item Code	SORReference	Description					
		6 POLE : 1000 RPM					
		KW	HP	Frame	CATREF	Unit	Rates Rs.
3.97.1	OEM	0.75	1	ND90S	0.75KNE6TOP_SM3TE	Each	12423
3.97.2	OEM	1.1	1.5	ND90L	1.1KNE6TOP_SM3TE	Each	13630
3.97.3	OEM	1.5	2	ND100L	1.5KNE6TOP_SM3TE	Each	19642
3.97.4	OEM	2.2	3	ND112M	2.2KNE6TOP_SM3TE	Each	20929
3.97.5	OEM	3.7	5	ND132S	3.7KNE6TOP_SM3TE	Each	32574
3.97.6	OEM	5.5	7.5	ND132M	5.5KNE6TOP_SM3TE	Each	40074
3.97.7	OEM	7.5	10	ND160M	7.5KE6TOP_SM3TE	Each	61159
3.97.8	OEM	11	15	ND160L	11KE6TOP_SM3TE	Each	75265
3.97.9	OEM	15	20	ND180L	15KE6TOP_SM3TE	Each	98314
3.97.10	OEM	18.5	25	ND200L	18.5KE6TOP_SM3TE	Each	140364
3.97.11	OEM	22	30	ND200L	22KE6TOP_SM3TE	Each	151137

3 (c) Rates for Havells Make Electric Motors :-
(Rates are inclusive of CP and exclusive of cartage & GST)

Premium Series – IE3

2 Pole – 3000 rpm

DJB Item Code	SORReference	Description				Unit	Rates Rs.
		KW	HP	Frame	Cat. Ref.		
3.98.1	OEM	0.18	0.25	MHPE63ZAA2	MHHPTBS20X18	Each	6435
3.98.2	OEM	0.25	0.33	MHPE63ZBA2	MHHPTBS20X25	Each	6533
3.98.3	OEM	0.37	0.5	MHPE71ZAA2	MHHPTCS20X37	Each	6741
3.98.4	OEM	0.55	0.75	MHPE71ZBA2	MHHPTCS20X55	Each	8424
3.98.5	OEM	0.75	1	MHPE80ZAA2	MHHPTDS20X75	Each	8691
3.98.6	OEM	1.1	1.5	MHPE80ZBA2	MHHPTDS201X1	Each	9490
3.98.7	OEM	1.5	2	MHPE90SAA2	MHCPTES201X5	Each	11037
3.98.8	OEM	2.2	3	MHPE90LCA2	MHCPTFS202X2	Each	14138
3.98.9	OEM	3	4	MHPE100LAA2	MHCPTGS20003	Each	18155
3.98.10	OEM	3.7	5	MHPE100LBA2	MHCPTGS203X7	Each	18961
3.98.11	OEM	5.5	7.5	MHPE132SZA2	MHCPTIS205X5	Each	29439
3.98.12	OEM	7.5	10	MHPE132STA2	MHCPTIS207X5	Each	30479
3.98.13	OEM	9.3	12.5	MHPE132MRA2	MHCPTJS209X3	Each	---
3.98.14	OEM	9.3	12.5	MHPE160MTA2	MHCPTKS209X3	Each	49927
3.98.15	OEM	11	15	MHPE160MYA2	MHCPTKS20011	Each	53151
3.98.16	OEM	15	20	MHPE160MZA2	MHCPTKS20015	Each	62036
3.98.17	OEM	18.5	25	MHPE160LZA2	MHCPTLS218X5	Each	77922
3.98.18	OEM	22	30	MHPE180MZA2	MHCPTMS20022	Each	82258
3.98.19	OEM	30	40	MHPE200LPG2	MHCPTOS20030	Each	121693
3.98.20	OEM	37	50	MHPE200LRG2	MHCPTOS20037	Each	148538
3.98.21	OEM	45	60	MMHE225MP2	MHCPTQS20045	Each	191152
3.98.22	OEM	55	75	MHPE250MP2	MHCPTRS20055	Each	257992
3.98.23	OEM	75	100	MHPE280SV2	MHCPTSS20075	Each	332586
3.98.24	OEM	90	120	MHPE280MV2	MHCPTTS20090	Each	381960
3.98.25	OEM	110	150	MHPE315SYE2	MHCPTUS20110	Each	467662
3.98.26	OEM	132	180	MHPE315MZE2	MHCPTVS20132	Each	573729
3.98.27	OEM	160	215	MHPE315LYE2	MHCPTWS2160	Each	629805
3.98.28	OEM	180	240	MHPE315LYE2	MHCPTWS2180	Each	668363
3.98.29	OEM	200	270	MHPE315LZE2	MHCPTWS20200	Each	730652
3.98.30	OEM	225	300	MHPE355MA2	MHCPTY20225	Each	806663
3.98.31	OEM	250	335	MHPE355MB2	MHCPTY20250	Each	853847
3.98.32	OEM	275	370	MHPE355LA2	MHCPTZS20275	Each	879301
3.98.33	OEM	315	425	MHPE355LB2	MHCPTZS20315	Each	925691

4 Pole – 1500 rpm

DJB Item Code	SORReference	Description				Unit	Rates Rs.
		KW	HP	Frame	Cat. Ref.		
3.99.1	OEM	0.18	0.25	MHPE63ZAA4	MHHPTBS40X18	Each	6533
3.99.2	OEM	0.25	0.33	MHPE71ZAA4	MHHPTCS40X25	Each	6708
3.99.3	OEM	0.37	0.5	MHPE71ZBA4	MHHPTCS40X37	Each	6981
3.99.4	OEM	0.55	0.75	MHPE80ZAA4	MHHPTDS40X55	Each	8931
3.99.5	OEM	0.75	1	MHPE80ZBA4	MHHPTDS40X75	Each	9055
3.99.6	OEM	1.1	1.5	MHPE90SAA4	MHCPTES401X1	Each	11271
3.99.7	OEM	1.5	2	MHPE90LBA4	MHCPTFS401X5	Each	13169
3.99.8	OEM	2.2	3	MHPE100LAA4	MHCPTGS402X2	Each	15925
3.99.9	OEM	3	4	MHPE100LBA4	MHCPTGS40003	Each	17258
3.99.10	OEM	3.7	5	MHPE112MAA4	MHCPTHS403X7	Each	20579
3.99.11	OEM	5.5	7.5	MHPE132SRA4	MHCPTIS405X5	Each	29705
3.99.12	OEM	7.5	10	MHPE132MTA4	MHCPTJS407X5	Each	34788
3.99.13	OEM	9.3	12.5	MHPE132MRA4	MHCPTJS409X3	Each	----
3.99.14	OEM	9.3	12.5	MHPE160MYA4	MHCPTKS409X3	Each	53118
3.99.15	OEM	11	15	MHPE160MZA4	MHCPTKS40011	Each	54425
3.99.16	OEM	15	20	MHPE160LZA4	MHCPTLS40015	Each	66359
3.99.17	OEM	18.5	25	MHPE180MZA4	MHCPTMS418X5	Each	81393
3.99.18	OEM	22	30	MHPE180LZA4	MHCPTNS40022	Each	86548
3.99.19	OEM	30	40	MHPE200LRG4	MHCPTOS40030	Each	116890
3.99.20	OEM	37	50	MHPE225SP4	MHCPTPS40037	Each	147628
3.99.21	OEM	45	60	MHPE225MP4	MHCPTQS40045	Each	177522
3.99.22	OEM	55	75	MHPE250MP4	MHCPTRS40055	Each	238784
3.99.23	OEM	75	100	MHPE280SV4	MHCPTSS40075	Each	303245
3.99.24	OEM	90	120	MHPE280MV4	MHCPTTS40090	Each	351774
3.99.25	OEM	110	150	MHPE315SYE4	MHCPTUS40110	Each	410053
3.99.26	OEM	132	180	MHPE315MYE4	MHCPTVS40132	Each	482931
3.99.27	OEM	160	220	MHPE315LYE4	MHCPTWS40160	Each	616499
3.99.28	OEM	180	240	MHPE315LYE4	MHCPTWS40180	Each	683911
3.99.29	OEM	200	270	MHPE315LZE4	MHCPTWS40200	Each	685893
3.99.30	OEM	225	300	MHPE355MA4	MHCPTY40225	Each	855576
3.99.31	OEM	250	340	MHPE355MB4	MHCPTY40250	Each	873353
3.99.32	OEM	275	370	MHPE355MC4	MHCPTY40275	Each	924469
3.99.33	OEM	315	425	MHPE355LA4	MHCPTZS40315	Each	1001930

Premium Series – IE3

6 Pole – 1000 rpm

DJB Item Code	SOR Reference	Description				Unit	Rates Rs.
		KW	HP	Frame	Cat. Ref.		
3.100.1	OEM	0.18	0.25	MHPE71ZAA6	MHHPTCS60X18	Each	8749
3.100.2	OEM	0.25	0.33	MHPE71ZBA6	MHHPTCS60X25	Each	9224
3.100.3	OEM	0.37	0.5	MHPE80ZAA6	MHHPTDS60X37	Each	9458
3.100.4	OEM	0.55	0.75	MHPE80ZBA6	MHHPTDS60X55	Each	9718
3.100.5	OEM	0.75	1	MHPE90SAA6	MHCPTES60X75	Each	11564
3.100.6	OEM	1.1	1.5	MHPE90LBA6	MHCPTFS601X1	Each	12961
3.100.7	OEM	1.5	2	MHPE100LAA6	MHCPTGS601X5	Each	19578
3.100.8	OEM	2.2	3	MHPE112MAA6	MHCPTHS602X2	Each	20605
3.100.9	OEM	3	4	MHPE112MBA6	MHCPTHS60003	Each	21509
3.100.10	OEM	3.7	5	MHPE132SYA6	MHCPTIS603X7	Each	30654
3.100.11	OEM	5.5	7.5	MHPE132MZA6	MHCPTJS605X5	Each	37707
3.100.12	OEM	7.5	10	MHPE160MZA6	MHCPTKS607X5	Each	53001
3.100.13	OEM	9.3	12.5	MHPE160LYA6	MHCPTLS609X3	Each	58019
3.100.14	OEM	11	15	MHPE160LZA6	MHCPTLS60011	Each	64402
3.100.15	OEM	15	20	MHPE180LZG6	MHCPTNS60015	Each	83967
3.100.16	OEM	18.5	25	MHPE200LPG6	MHCPTOS618X5	Each	116682
3.100.17	OEM	22	30	MHPE200LRG6	MHCPTOS60022	Each	129532
3.100.18	OEM	30	40	MHPE225MP6	MHCPTQS60030	Each	174324
3.100.19	OEM	37	50	MHPE250MP6	MHCPTRS60037	Each	242873
3.100.20	OEM	45	60	MHPE280SV6	MHCPTSS60045	Each	299137
3.100.21	OEM	55	75	MHPE280MV6	MHCPTTS60055	Each	340113
3.100.22	OEM	75	100	MHPE315SVE6	MHCPTUS60075	Each	420524
3.100.23	OEM	90	120	MHPE315MYE6	MHCPTVS60090	Each	493409
3.100.24	OEM	110	150	MHPE315MZE6	MHCPTVS60110	Each	550277
3.100.25	OEM	132	180	MHPE315LZE6	MHCPTWS60132	Each	643702
3.100.26	OEM	160	220	MHPE355MA6	MHCPTY60160	Each	687499
3.100.27	OEM	180	240	MHPE355MB6	MHCPTY60180	Each	857110
3.100.28	OEM	200	270	MHPE355MC6	MHCPTY60200	Each	884306
3.100.29	OEM	250	340	MHPE355LA6	MHCPTZS60250	Each	995345
3.100.30	OEM	315	425	MHPE355LB6	MHCPTZS60315	Each	1342393

8 Pole – 750 rpm

DJB Item Code	SORR eference	Description				Unit	Rates Rs.
		KW	HP	Frame	Cat. Ref.		
3.101.1	OEM	0.37	0.5	MHPE90SAA8	MHCPTES80X37	Each	11453
3.101.2	OEM	0.55	0.75	MHPE90LBA8	MHCPTFS80X55	Each	12539
3.101.3	OEM	0.75	1	MHPE100LAA8	MHCPTGS80X75	Each	15418
3.101.4	OEM	1.1	1.5	MHPE100LBA8	MHCPTGS801X1	Each	18779
3.101.5	OEM	1.5	2	MHPE112MAA8	MHCPTHS801X5	Each	19695
3.101.6	OEM	2.2	3	MHPE132SZA8	MHCPTIS802X2	Each	26091
3.101.7	OEM	3.7	5	MHPE132MZA8	MHCPTJS803X7	Each	43901
3.101.8	OEM	5.5	7.5	MHPE160MZA8	MHCPTKS805X5	Each	52507
3.101.9	OEM	7.5	10	MHPE160LZA8	MHCPTLS807X5	Each	64370
3.101.10	OEM	9.3	12.5	MHPE180LYG8	MHCPTNS09X3	Each	80048
3.101.11	OEM	11	15	MHPE180LZG8	MHCPTNS80011	Each	84435
3.101.12	OEM	15	20	MHPE200LRG8	MHCPTOS80015	Each	116734
3.101.13	OEM	18.5	25	MHPE225SP8	MHCPTPS818X5	Each	149799
3.101.14	OEM	22	30	MHPE225MP8	MHCPTQS80022	Each	180083
3.101.15	OEM	30	40	MHPE250MP8	MHCPTRS80030	Each	243152
3.101.16	OEM	37	50	MHPE280SV8	MHCPTSS80037	Each	317077
3.101.17	OEM	45	60	MHPE280MV8	MHCPTTS80045	Each	349720
3.101.18	OEM	55	75	MHPEE315SYE8	MHCPTUS80055	Each	421928
3.101.19	OEM	75	100	MHPE315MYE8	MHCPTVS80075	Each	501124
3.101.20	OEM	90	120	MHPE315LZE8	MHCPTWS80090	Each	624936
3.101.21	OEM	110	150	MHPE315LZE8	MHCPTWS80110	Each	691587
3.101.22	OEM	132	180	MHPE355MA8	MHCPTY80132	Each	766500
3.101.23	OEM	160	220	MHPE355MC8	MHCPTY80160	Each	890552
3.101.24	OEM	180	240	MHPE355LA8	MHCPTZS80180	Each	913673
3.101.25	OEM	200	270	MHPE355LB8	MHCPTZS80200	Each	978790

Premium Series – IE2

2 Pole – 3000 rpm

DJB Item Code	SORReference	Description				Unit	Rates Rs.
		KW	HP	Frame	Cat. Ref.		
3.102.1	OEM	0.18	0.25	MHEE63ZAA2	MHHITBS20X18	Each	5610
3.102.2	OEM	0.25	0.33	MHEE63ZBA2	MHHITBS20X25	Each	5688
3.102.3	OEM	0.37	0.5	MHEE71ZAA2	MHHITCS20X37	Each	5772
3.102.4	OEM	0.55	0.75	MHEE71ZBA2	MHHITCS20X55	Each	7488
3.102.5	OEM	0.75	1	MHEE80ZAA2	MHHITDS20X75	Each	7748
3.102.6	OEM	1.1	1.5	MHEE80ZBA2	MHHITDS201X1	Each	8437
3.102.7	OEM	1.5	2	MHEE90SAA2	MHCITES201X5	Each	9965
3.102.8	OEM	2.2	3	MHEE90LCA2	MHCITFS202X2	Each	12539
3.102.9	OEM	3	4	MHEE100LAA2	MHCITGS20003	Each	14710
3.102.10	OEM	3.7	5	MHEE100LBA2	MHCITGS203X7	Each	15529
3.102.11	OEM	5.5	7.5	MHEE132SZA2	MHCITIS205X5	Each	27196
3.102.12	OEM	7.5	10	MHEE132STA2	MHCITIS207X5	Each	29744
3.102.13	OEM	9.3	12.5	MHEE132MRA2	MHCITJS209X3	Each	42302
3.102.14	OEM	9.3	12.5	MHEE160MTA2	MHCITKS209X3	Each	49179
3.102.15	OEM	11	15	MHEE160MYA2	MHCITKS20011	Each	51071
3.102.16	OEM	15	20	MHEE160MZA2	MHCITKS20015	Each	55517
3.102.17	OEM	18.5	25	MHEE160LZA2	MHCITLS218X5	Each	71344
3.102.18	OEM	22	30	MHEE180MZA2	MHCITMS20022	Each	75472
3.102.19	OEM	30	40	MHEE200LPG2	MHCITOS20030	Each	109512
3.102.20	OEM	37	50	MHEE200LRG2	MHCITOS20037	Each	128076
3.102.21	OEM	45	60	MMHE225MP2	MHCITQS20045	Each	164782
3.102.22	OEM	55	75	MHEE250MP2	MHCITRS20055	Each	232713
3.102.23	OEM	75	100	MHEE280SV2	MHCITSS20075	Each	285311
3.102.24	OEM	90	120	MHEE280MV2	MHCITTS20090	Each	330714
3.102.25	OEM	110	150	MHEE315SYE2	MHCITUS20110	Each	440544
3.102.26	OEM	132	180	MHEE315MZE2	MHCITVS20132	Each	543829
3.102.27	OEM	160	215	MHEE315LYE2	MHCITWS2160	Each	593301
3.102.28	OEM	180	240	MHEE315LYE2	MHCITWS2180	Each	640725
3.102.29	OEM	200	270	MHEE315LZE2	MHCITWS20200	Each	678542
3.102.30	OEM	225	300	MHEE355MA2	MHCITYS20225	Each	800098
3.102.31	OEM	250	335	MHEE355MB2	MHCITYS20250	Each	802471
3.102.32	OEM	275	370	MHEE355LA2	MHCITZS20275	Each	842641
3.102.33	OEM	315	425	MHEE355LB2	MHCITZS20315	Each	862875

4 Pole – 1500 rpm

DJB Item Code	SORReference	Description				Unit	Rates Rs.
		KW	HP	Frame	Cat. Ref.		
3.103.1	OEM	0.18	0.25	MHEE63ZAA4	MHHITBS40X18	Each	5688
3.103.2	OEM	0.25	0.33	MHEE71ZAA4	MHHITCS40X25	Each	5844
3.103.3	OEM	0.37	0.5	MHEE71ZBA4	MHHITCS40X37	Each	6078
3.103.4	OEM	0.55	0.75	MHEE80ZAA4	MHHITDS40X55	Each	7950
3.103.5	OEM	0.75	1	MHEE80ZBA4	MHHITDS40X75	Each	8054
3.103.6	OEM	1.1	1.5	MHEE90SAA4	MHCITES401X1	Each	10127
3.103.7	OEM	1.5	2	MHEE90LBA4	MHCITFS401X5	Each	11707
3.103.8	OEM	2.2	3	MHEE100LAA4	MHCITGS402X2	Each	14586
3.103.9	OEM	3	4	MHEE100LBA4	MHCITGS40003	Each	15321
3.103.10	OEM	3.7	5	MHEE112MAA4	MHCITHS403X7	Each	18467
3.103.11	OEM	5.5	7.5	MHEE132SRA4	MHCITIS405X5	Each	25922
3.103.12	OEM	7.5	10	MHEE132MTA4	MHCITJS407X5	Each	29679
3.103.13	OEM	9.3	12.5	MHEE132MRA4	MHCITJS409X3	Each	39410
3.103.14	OEM	9.3	12.5	MHEE160MYA4	MHCITKS409X3	Each	47398
3.103.15	OEM	11	15	MHEE160MZA4	MHCITKS40011	Each	48542
3.103.16	OEM	15	20	MHEE160LZA4	MHCITLS40015	Each	62946
3.103.17	OEM	18.5	25	MHEE180MZA4	MHCITMS418X5	Each	72846
3.103.18	OEM	22	30	MHEE180LZA4	MHCITNS40022	Each	80756
3.103.19	OEM	30	40	MHEE200LRG4	MHCITOS40030	Each	109096
3.103.20	OEM	37	50	MHEE225SP4	MHCITPS40037	Each	130111
3.103.21	OEM	45	60	MHEE225MP4	MHCITQS40045	Each	153699
3.103.22	OEM	55	75	MHEE250MP4	MHCITRS40055	Each	215326
3.103.23	OEM	75	100	MHEE280SV4	MHCITSS40075	Each	265525
3.103.24	OEM	90	120	MHEE280MV4	MHCITTS40090	Each	309283
3.103.25	OEM	110	150	MHEE315SYE4	MHCITUS40110	Each	386315
3.103.26	OEM	132	180	MHEE315MYE4	MHCITVS40132	Each	449878
3.103.27	OEM	160	220	MHEE315LYE4	MHCITWS40160	Each	532292
3.103.28	OEM	180	240	MHEE315LYE4	MHCITWS40180	Each	573495
3.103.29	OEM	200	270	MHEE315LZE4	MHCITWS40200	Each	594224
3.103.30	OEM	225	300	MHEE355MA4	MHCITYS40225	Each	749132
3.103.31	OEM	250	340	MHEE355MB4	MHCITYS40250	Each	781775
3.103.32	OEM	275	370	MHEE355MC4	MHCITYS40275	Each	845202
3.103.33	OEM	315	425	MHEE355LA4	MHCITZS40315	Each	937671

Premium Series – IE2

6 Pole – 1000 rpm

DJB Item Code	SORReference	Description				Unit	Rates Rs.
		KW	HP	Frame	Cat. Ref.		
3.104.1	OEM	0.18	0.25	MHEE71ZAA6	MHHITCS60X18	Each	7605
3.104.2	OEM	0.25	0.33	MHEE71ZBA6	MHHITCS60X25	Each	8028
3.104.3	OEM	0.37	0.5	MHEE80ZAA6	MHHITDS60X37	Each	8587
3.104.4	OEM	0.55	0.75	MHEE80ZBA6	MHHITDS60X55	Each	8808
3.104.5	OEM	0.75	1	MHEE90SAA6	MHCITES60X75	Each	10004
3.104.6	OEM	1.1	1.5	MHEE90LBA6	MHCITFS601X1	Each	10972
3.104.7	OEM	1.5	2	MHEE100LAA6	MHCITGS601X5	Each	15360
3.104.8	OEM	2.2	3	MHEE112MAA6	MHCITHS602X2	Each	17459
3.104.9	OEM	3	4	MHEE112MBA6	MHCITHS60003	Each	18044
3.104.10	OEM	3.7	5	MHEE132SYA6	MHCITIS603X7	Each	27651
3.104.11	OEM	5.5	7.5	MHEE132MZA6	MHCITJS605X5	Each	32617
3.104.12	OEM	7.5	10	MHEE160MZA6	MHCITKS607X5	Each	48282
3.104.13	OEM	9.3	12.5	MHEE160LYA6	MHCITLS609X3	Each	56297
3.104.14	OEM	11	15	MHEE160LZA6	MHCITLS60011	Each	59703
3.104.15	OEM	15	20	MHEE180LZG6	MHCITNS60015	Each	73333
3.104.16	OEM	18.5	25	MHEE200LPG6	MHCITOS618X5	Each	101524
3.104.17	OEM	22	30	MHEE200LRG6	MHCITOS60022	Each	108043
3.104.18	OEM	30	40	MHEE225MP6	MHCITQS60030	Each	155558
3.104.19	OEM	37	50	MHEE250MP6	MHCITRS60037	Each	211562
3.104.20	OEM	45	60	MHEE280SV6	MHCITSS60045	Each	254677
3.104.21	OEM	55	75	MHEE280MV6	MHCITTS60055	Each	292468
3.104.22	OEM	75	100	MHEE315SYE6	MHCITUS60075	Each	387166
3.104.23	OEM	90	120	MHEE315MYE6	MHCITVS60090	Each	443690
3.104.24	OEM	110	150	MHEE315MZE6	MHCITVS60110	Each	494839
3.104.25	OEM	132	180	MHEE315LZE6	MHCITWS60132	Each	581887
3.104.26	OEM	160	220	MHEE355MA6	MHCITYS60160	Each	605800
3.104.27	OEM	180	240	MHEE355MB6	MHCITYS60180	Each	742749
3.104.28	OEM	200	270	MHEE355MC6	MHCITYS60200	Each	766318
3.104.29	OEM	250	355	MHEE355LA6	MHCITZS60250	Each	864175
3.104.30	OEM	315	425	MHEE355LB6	MHCITZS60315	Each	1238790

8 Pole – 750 rpm

DJB Item Code	SOR Reference	Description				Unit	Rate Rs.
		KW	HP	Frame	Cat. Ref.		
3.105.1	OEM	0.37	0.5	MHEE90SAA8	MHCITES80X37	Each	10374
3.105.2	OEM	0.55	0.75	MHEE90LBA8	MHCITFS80X55	Each	11369
3.105.3	OEM	0.75	1	MHEE100LAA8	MHCITGS80X75	Each	13975
3.105.4	OEM	1.1	1.5	MHEE100LBA8	MHCITGS801X1	Each	17011
3.105.5	OEM	1.5	2	MHEE112MAA8	MHCITHS801X5	Each	19695
3.105.6	OEM	2.2	3	MHEE132SZA8	MHCITIS802X2	Each	26091
3.105.7	OEM	3.7	5	MHEE132MZA8	MHCITJS803X7	Each	43901
3.105.8	OEM	5.5	7.5	MHEE160MZA8	MHCITKS805X5	Each	52507
3.105.9	OEM	7.5	10	MHEE160LZA8	MHCITLS807X5	Each	64370
3.105.10	OEM	9.3	12.5	MHEE180LYG8	MHCITNS09X3	Each	80048
3.105.11	OEM	11	15	MHEE180LZG8	MHCITNS80011	Each	84435
3.105.12	OEM	15	20	MHEE200LRG8	MHCITOS80015	Each	116734
3.105.13	OEM	18.5	25	MHEE225SP8	MHCITPS818X5	Each	149799
3.105.14	OEM	22	30	MHEE225MP8	MHCITQS80022	Each	180083
3.105.15	OEM	30	40	MHEE250MP8	MHCITRS80030	Each	243152
3.105.16	OEM	37	50	MHEE280SV8	MHCITSS80037	Each	317077
3.105.17	OEM	45	60	MHEE280MV8	MHCITTS80045	Each	349720
3.105.18	OEM	55	75	MHEE315SYE8	MHCITUS80055	Each	471928
3.105.19	OEM	75	100	MHEE315MYE8	MHCITVS80075	Each	501124
3.105.20	OEM	90	120	MHEE315LZE8	MHCITWS80090	Each	624936
3.105.21	OEM	110	150	MHEE315LZE8	MHCITWS80110	Each	691587
3.105.22	OEM	132	180	MHEE355MA8	MHCITYS80132	Each	766500
3.105.23	OEM	160	220	MHEE355MC8	MHCITYS80160	Each	890552
3.105.24	OEM	180	240	MHEE355LA8	MHCITZS80180	Each	913673
3.105.25	OEM	200	270	MHEE355LB8	MHCITZS80200	Each	978790

CHAPTER-4

VALVES

DJB Item Code	SOR Reference	Type	Size (MM)	Unit	PN 1.0	PN 1.6
					Rates Rs.	Rates Rs.
For CI Sluice Valves Class I and Class II (With Cap)			100	Each	2450	2700
May Please Refer DJB Item Code 15.119 to 15.124 and Item Code DSR (Civil) 2019 1940-1945 for Class-I and DJB Item Code 15.142 to 15.147 and Item Code DSR (Civil) 2019 3311-3326 for Class-II			125	Each	2610	3300
			150	Each	3650	4100
			200	Each	7600	8900
			250	Each	10980	15000
			300	Each	15500	18500

4 (a)

Rate for 'AV' Make Valves:-

(Rates are inclusive of CP, cartage and exclusive of GST)

DJB Item Code	SOR Reference	Type	Size (MM)	Unit	PN 1.0	PN 1.6
					Rates Rs.	Rates Rs.
4.1.1	OEM Rates	"AV" BRAND CI Sluice Valve in-side screwed and non rising type to IS 14846 with SS 13% Cr. trim and stem of SS to AISI 410 and duly tested. The Valve shall be fitted with Hand Wheel for operation.	50	Each	3186	3663
			65	Each	3907	4493
			80	Each	4553	5236
4.1.2	OEM Rates	"AV" BRAND CI Sluice Valve Out-side screwed and non rising type to IS 14846 with SS 13% Cr. trim and stem of SS to AISI 410 and duly tested. The Valve shall be fitted with Hand Wheel for operation.	50	Each	3823	4396
			65	Each	4689	5392
			80	Each	5464	6283
4.1.3	OEM Rates	"AV" BRAND CI Swing Check Valve to IS 5312 part 1 with SS 13% Cr. trim and duly tested.	50	Each	3186	3982
			65		3908	4884
			80		4553	5692
			100		6622	8277
			125		11037	13797
			150		11722	14652
			200		11858	23573
			250		29387	36734
					52943	
			300		42354	
4.1.4	OEM Rates	"AV" BRAND CI Wafer type Butterfly Valve to IS 13095 with SG iron disc and EPDM rubber liner and with SS 13% Cr. spindle and lever operated.	50	Each	1549	3717
			65		1751	3911
			80		1882	4037
			100		2348	4482

			125		2864	4976
			150		3542	5624
			200		6801	8741
			250		11213	11945
						16117
			300		15575	
4.1.5	OEM Rates	“AV” BRAND CI Globe Valve as per ASA-125# with SS 13% Cr. trim and stem of SS to AISI 410 and duly tested. The Valve shall be fitted with Hand Wheel for operation.	50	Each	3505	3690
			65		4551	4791
			80		5614	5909
			100		9104	9583
			125		13652	14370
			150		16691	17569
			200		25490	26831
			250		36107	38007
			300		62205	65478

DJB Item Code	Sor Reference	Type	Unit	Size (MM)	CI Body		DI Body	
					PN 1.0	PN 1.6	PN 1.0	PN 1.6
					Rates Rs.	Rates Rs.	Rates Rs.	Rates Rs.
4.2.1	OEM Rates	1. "AV" BRAND CI Sluice valve in-side screwed and non rising type to IS 14846 with SS 13% Cr. trim and stem of SS to AISI 410 and duly tested. The valve shall be fitted with Hand Wheel for operation.	Each	50	May Please refer DJB item code 24.1.1		4814	5575
			Each	65			5697	6836
			Each	80			6639	7965
			Each	100			9654	1159
			Each	125			16091	1939
			Each	150			17089	20507
			Each	200			25749	30899
			Each	250			42843	51412
			Each	300			58335	69998
			Each	350			78770	94523	98461	118153
			Each	400	99348	119218	124185	149022
			Each	450	124181	149018	155226	186272
			Each	500	158246	189896	197808	237370
			Each	600	204023	244827	255029	306034
4.2.2	OEM Rates	2. "AV" BRAND CI Sluice valve out-side screwed and non rising type to IS 14846 with SS 13% Cr. trim and stem of SS to AISI 410 and duly tested. The valve shall be fitted with Hand Wheel for operation.	Each	50	May please refer DJB item code 24.1.2		5573	6688
			Each	65			6836	8203
			Each	80			7965	9559
			Each	100			11586	13903
			Each	125			19309	23171
			Each	150			20503	24608
			Each	200			30899	37079
			Each	250			51412	61695
			Each	300			69998	83997
			Each	350			82895	99234	103369	124042
			Each	400	104310	125173	130338	156465
			Each	450	130387	156464	162983	195580
			Each	500	166750	199379	207687	249224
			Each	600	214204	257845	207756	321307
4.2.3	OEM Rates	3. "AV" BRAND SI Swing Check Valve to IS 5312 part I with SS 13% Cr. trim and duly tested.	Each	50	4038	4847	5048	6058
			Each	65	4954	594	6191	7420
			Each	80	5772	6927	7216	8658
			Each	100	8396	10074	10494	12593
			Each	125	13992	16791	11491	20988
			Each	150	14861	17832	18575	22307
			Each	200	23908	28689	29805	358862
			Each	250	37256	44707	49119	55882
			Each	300	53695	72015	67119	80543
			Each	350	86390	92755	96620	115944
			Each	400	163596	124057	129220	155065
			Each	450	135975	163169	199968	203961
Each	500	15587	186644	194421	233306			

			Each	600	242147	290576	302684	363221
4.2.4	OEM Rates	4. "AV" Brand CI Wafer type Butterfly Valve to IS 13095 with SG iron disc and EPDM rubber liner and with SS 13% Cr. spindle and lever operated.	Each	50	3770	4524		
			Each	65	3966	4759		
			Each	80	4094	4913		
			Each	100	4546	5455		
			Each	125	5047	6055		
			Each	150	5704	6845		
			Each	200	8866	16639		
			Each	250	12115	14538		
			Each	300	16346	19615		
4.2.5	OEM Rates	5. "AV BRAND CI Globe Valve as per ASA-125# with SS 13% Cr. trim and stem of SS to AISI 410 and duly tested. The Valve shall be fitted with Hand Wheel for operation.	Each	50	3742	4490	4678	5613
			Each	65	4859	5830	6073	7288
			Each	80	59935	7192	7491	8989
			Each	100	9720	11663	12149	14579
			Each	125	15575	17489	78218	21862
			Each	150	17819	21383	22273	26728
			Each	200	27213	32654	34815	40819
			Each	250	38548	46256	48183	57820
			Each	300	66468	79690	83010	99612
			Each	350	92414	110898	115518	138622
			Each	400	130616	156740	163271	195925
			Each	450	236179	283415	29524	354269
			Each	500	355813	426979	444167	583720
			Each	600	474422	569305	593026	701632

4 (b) RATES FOR "DOROT" MAKE VALVES

(Rates are inclusive of CP and exclusive of Cartage & GST)

Rates for Series 100 standard Dorot Pressure Reducing Control Valve hydraulically operated, MOC (DI) Pressure Rating:PN 16; Tubing High pressure polypropylene, as per standard Technical Specification.

DJB Item Code	SOR Reference	Description Size(mm)	Unit	Rates Rs.
4.3.1	OEM Rates	80mm	Each	72173
4.3.2	OEM Rates	100mm	Each	78330
4.3.3	OEM Rates	150mm	Each	141280
4.3.4	OEM Rates	200mm	Each	268078
4.3.5	OEM Rates	250mm	Each	366727
4.3.6	OEM Rates	300mm	Each	477515
4.3.7	OEM Rates	350mm	Each	545294
4.3.8	OEM Rates	400mm	Each	961850
4.3.9	OEM Rates	450mm	Each	987411
4.3.10	OEM Rates	500mm	Each	1544516
4.3.11	OEM Rates	600mm	Each	1780666

Rates for Series 100 Standard Dorot Flow Control Valve Hydraulically operated, MOC (DI) Pressure Rating:PN 16; Tubing High pressure polypropylene, as per standard Technical Specification.

4.4.1	OEM Rates	80mm	Each	77960
4.4.2	OEM Rates	100mm	Each	86394
4.4.3	OEM Rates	150mm	Each	148562
4.4.4	OEM Rates	200mm	Each	241886
4.4.5	OEM Rates	250mm	Each	387148
4.4.6	OEM Rates	300mm	Each	480295
4.4.7	OEM Rates	350mm	Each	557600
4.4.8	OEM Rates	400mm	Each	968108
4.4.9	OEM Rates	450mm	Each	997390
4.4.10	OEM Rates	500mm	Each	1551102

4.4.11	OEM Rates	600mm	Each	1787524
Rates for Series 100 Standard Dorot Electrically Operated Valve, (On/Off Application), MOC (DI) Solenoid IP 65, Pressure Rating: PN 16; Tubing High pressure polypropylene, as per standard Technical Specification.				
4.5.1	OEM Rates	80mm	Each	52564
4.5.2	OEM Rates	100mm	Each	72836
4.5.3	OEM Rates	150mm	Each	135072
4.5.4	OEM Rates	200mm	Each	250471
4.5.5	OEM Rates	250mm	Each	349121
4.5.6	OEM Rates	300mm	Each	459740
4.5.7	OEM Rates	350mm	Each	527686
4.5.8	OEM Rates	400mm	Each	961261
4.5.9	OEM Rates	450mm	Each	990543
4.5.10	OEM Rates	500mm	Each	1544399
4.5.11	OEM Rates	600mm	Each	1780674
Rates for Tamper proof kinetic Double acting air Valve, as per standard technical specifications.				
4.6.1	OEM Rates	50mm	Each	25183
4.6.2	OEM Rates	80mm	Each	33966
4.6.3	OEM Rates	100mm	Each	49098
4.6.4	OEM Rates	150mm	Each	79037
4.6.5	OEM Rates	200mm	Each	119941
4.6.6	OEM Rates	250mm	Each	234956
4.6.7	OEM Rates	300mm	Each	480808

4(C) RATES FOR KIRLOSKAR VALVES

(Rates are inclusive of CP, cartage and exclusive of GST)

1. SLUICE VALVES

DJB Item Code	SOR Reference	Description	Unit	Rate Rs.
4.7.1	OEM rates	C.I. double flanged non rising spindle sluice valve P.N 1.0 IS:14 sub, CI body / wedge / bronze ring / S.S 410 shaft construction & S.S. IS : 6603 Gr. 12 CR 12 CISI marked manual operation		
4.7.2	OEM rates	50 mm dia	Each	6655
4.7.3	OEM rates	65 mm dia	Each	8029
4.7.4	OEM rates	80 mm dia	Each	9099
4.7.5	OEM rates	350 mm dia	Each	92639
4.7.6	OEM rates	400 mm dia	Each	115329
4.7.7	OEM rates	450 mm dia	Each	139400
4.7.8	OEM rates	500 mm dia	Each	179557
4.7.9	OEM rates	600 mm dia	Each	238958

DJB Item Code	SOR Reference	Description	Unit	Rate Rs.
4.8.1	OEM rates	CI double flanged non rising spindle sluice valve PN 1.6 IS :14 Sub, CI / Body / viedge / brongre ring / 55410 shabt contraction & SS CISI maked manual operation		
4.8.2	OEM rates	50 mm dia	Each	6764
4.8.3	OEM rates	65 mm dia	Each	8027
4.8.4	OEM rates	80 mm dia	Each	9539
4.8.5	OEM rates	350 mm dia	Each	98162
4.8.6	OEM rates	400 mm dia	Each	118189
4.8.7	OEM rates	450 mm dia	Each	148139
4.8.8	OEM rates	500 mm dia	Each	207392
4.8.9	OEM rates	600 mm dia	Each	271802

NON RETURN VALVES

DJB Item Code	SOR Reference	Description	Unit	Rate Rs.
4.9.1	OEM rates	CI double flanged swing type non return valve as per IS:5312 PN 1.0 CI body door / bronge to rubber ring / SS 410 twin pin		
4.9.2	OEM rates	50 mm dia	Each	4275
4.9.3	OEM rates	65 mm dia	Each	4870
4.9.4	OEM rates	80 mm dia	Each	5693
4.9.5	OEM rates	100 mm dia	Each	8492
4.9.6	OEM rates	125 mm dia	Each	13114
4.9.7	OEM rates	150 mm dia	Each	16059
4.9.8	OEM rates	200 mm dia	Each	28306
4.9.9	OEM rates	250 mm dia	Each	38810
4.9.10	OEM rates	300 mm dia	Each	52635
4.9.11	OEM rates	350 mm dia	Each	92598
4.9.12	OEM rates	400 mm dia	Each	119108
4.9.13	OEM rates	450 mm dia	Each	179851
4.9.14	OEM rates	500 mm dia	Each	235277
4.9.15	OEM rates	600 mm dia	Each	331223

DJB Item Code	SOR Reference	Description	Unit	Rate Rs.
4.10.1	OEM rates	CIDF swing type non return valve as per IS 5312, PN 1.6 CI 13004 , door / bronze to rubber ring / CS 410 tuing pin		
4.10.2	OEM rates	50 mm dia	Each	4487
4.10.3	OEM rates	65 mm dia	Each	5110
4.10.4	OEM rates	80 mm dia	Each	5975
4.10.5	OEM rates	100 mm dia	Each	8908
4.10.6	OEM rates	125 mm dia	Each	13763
4.10.7	OEM rates	150 mm dia	Each	17206
4.10.8	OEM rates	200 mm dia	Each	29822
4.10.9	OEM rates	250 mm dia	Each	42363
4.10.10	OEM rates	300 mm dia	Each	57457
4.10.11	OEM rates	350 mm dia	Each	97108
4.10.12	OEM rates	400 mm dia	Each	124905
4.10.13	OEM rates	450 mm dia	Each	188636
4.10.14	OEM rates	500 mm dia	Each	246785
4.10.15	OEM rates	600 mm dia	Each	347216

FOOT VALVES

DJB Item Code	SOR Referen ce	Description	Unit	Rate Rs.
4.11.1	OEM rates	CI foot valve as per IS 4038 flanged		
4.11.2	OEM rates	150 mm dia	Each	4828
4.11.3	OEM rates	200 mm dia	Each	13616
4.11.4	OEM rates	250 mm dia	Each	17375
4.11.5	OEM rates	300 mm dia	Each	30439
4.11.6	OEM rates	350 mm dia	Each	40222
4.11.7	OEM rates	400 mm dia	Each	48306
4.11.8	OEM rates	450 mm dia	Each	61027

4(d) Rates for IVC make valves: -

(Rates are inclusive of CP, cartage and exclusive of GST)

DJB Item Code	SOR Reference	Description	Unit	Rates Rs.	
				10 BAR	16 BAR
4.12.1	OEM	<u>Valve for Sewage Water application</u> SLUICE VALVE:-“IVC-Nasik” brand cast iron double flanged manually operated sluice valve generally conform to IS:14846 having body, door, dome, gland in graded cast iron to IS:210, Gr.Fg.260, four faces of SS ASTM A743 Gr.CF8 and spindle nut of leaded tin bronze to IS:318, outside screwed rising stainless steel AISI:431 spindle. Valves of size 350mmø and above will be with BTB and gear box arrangement for ease in operation. Valves to be tested by closed end method only. Flanges to be drilled as per IS:1538 Part-IV & VI. Valves are suitable for hydrostatic test pressure of 10Kg./Cm2 for seat and 15Kg./Cm2 for body(PN-1 rating)			
4.12.2	OEM	50	Each	8631	8721
4.12.3	OEM	80	Each	12708	12708
4.12.4	OEM	100	Each	16974	16947
4.12.5	OEM	150	Each	25794	27081
4.12.6	OEM	200	Each	43200	45351
4.12.7	OEM	250	Each	61029	64071
4.12.8	OEM	300	Each	80370	84375
4.12.9	OEM	350	Each	154710	162396
4.12.10	OEM	400	Each	260226	266220
4.12.11	OEM	450	Each	326240	333900
4.12.12	OEM	500	Each	370530	379080
4.12.13	OEM	600	Each	561240	574137
4.12.14	OEM	700	Each	780608	798158
4.12.15	OEM	750	Each	851172	870823
4.12.16	OEM	800	Each	951440	973392
4.12.17	OEM	900	Each	1153859	
4.12.18	OEM	1000	Each	1420719	
4.12.19	OEM	1100	Each	1880402	
4.12.20	OEM	1200	Each	2110492	

4.13.1	OEM	SLUICE VALVE – DIDF WATER:-		Rates Rs.	
				10 BAR	16 BAR
4.13.2	OEM	Size (mm)			
4.13.3	OEM	50	Each	10368	10665
4.13.4	OEM	80	Each	15390	15750
4.13.5	OEM	100	Each	19352	19800
4.13.6	OEM	150	Each	29385	29790
4.13.7	OEM	200	Each	53352	53541
4.13.8	OEM	250	Each	75150	75276
4.13.9	OEM	300	Each	98316	98415
4.13.10	OEM	350	Each	158220	176706
4.13.11	OEM	400	Each	273960	280242
4.13.12	OEM	450	Each	343530	351450
4.13.13	OEM	500	Each	390006	398897
4.13.14	OEM	600	Each	590733	604350
4.13.15	OEM	700	Each	821692	840166
4.13.16	OEM	750	Each	895972	916656
4.13.17	OEM	800	Each	1001513	1024624
4.13.18	OEM	900	Each	1214588	1242608
4.13.19	OEM	1000	Each	1495495	1529999
4.13.20	OEM	1100	Each	1979370	2025050
4.13.21	OEM	1200	Each	2221571	2272829
4.14.1	OEM	<p><u>For clear water application:-</u> NON-RETURN VALVE:- “IVC-Nasik” Brand cast iron double flanged single door swing check valve having body door cover of graded in cast iron to IS:210 Gr.Fg.260 body and door rings of SS ASTM A743 Gr.CF8 and bearing block of leaded tin bronze to IS:318 Gr.LTB2 hinge pin of stainless steel AISI:431. Valves generally conform to IS:5312. Flanges to be drilled as per IS:1538 Part-IV &VI. Valves are suitable for hydrostatic test pressure of 10Kg./Cm2 for seat and 15Kg./Cm2 for body(PN-1 Rating). Valve of size above 600mmø will be multi door.</p>		Rates Rs.	
				10 BAR	16 BAR
4.14.2	OEM	Size (mm)			
4.14.3	OEM	50	Each	10674	10674
4.14.4	OEM	80	Each	14013	14013
4.14.5	OEM	100	Each	18081	18081
4.14.6	OEM	150	Each	27342	28791
4.14.7	OEM	200	Each	44442	46665
4.14.8	OEM	250	Each	62280	65394
4.14.9	OEM	300	Each	90135	94626
4.14.10	OEM	350	Each	149337	156780
4.14.11	OEM	400	Each	231840	258030
4.14.12	OEM	450	Each	289593	321750
4.14.13	OEM	500	Each	406566	541710
4.14.14	OEM	600	Each	532170	591363

4.14.15	OEM	700	Each	867661	964161
4.14.16	OEM	750	Each	903591	1003989
4.14.17	OEM	800	Each	1096880	1218757
4.14.18	OEM	900	Each	1247836	
4.14.19	OEM	1000	Each	1635399	
4.14.20	OEM	1100	Each	2019453	
4.14.21	OEM	1200	Each	2544762	

4.15.1	OEM	<u>BUTTERFLY VALVE – CAST IRON</u>		Rates Rs.	
				10 BAR	16 BAR
4.15.2	OEM	Size (mm)			
4.15.3	OEM	80	Each	31950	33606
4.15.4	OEM	100	Each	35910	37800
4.15.5	OEM	150	Each	39906	42003
4.15.6	OEM	200	Each	43740	45450
4.15.7	OEM	250	Each	62244	63720
4.15.8	OEM	300	Each	66456	74520
4.15.9	OEM	350	Each	90450	92610
4.15.10	OEM	400	Each	110997	117486
4.15.11	OEM	450	Each	141030	144270
4.15.12	OEM	500	Each	143730	165348
4.15.13	OEM	600	Each	225657	237600
4.15.14	OEM	700	Each	287962	294606
4.15.15	OEM	750	Each	341863	355132
4.15.16	OEM	800	Each	420470	458302
4.15.17	OEM	900	Each	489722	508809
4.15.18	OEM	1000	Each	577254	618801
4.15.19	OEM	1100	Each	741416	786752
4.15.20	OEM	1200	Each	797058	858357

4.16.1	OEM	<u>FOR KINETIC AIR VALVE+ISV:CI:-</u>		Rates Rs.	
				10 BAR	16 BAR
4.16.2	OEM	Size (mm)			
4.16.3	OEM	80	Each	29376	30915
4.16.4	OEM	100	Each	39177	41238
4.16.5	OEM	150	Each	71370	75132
4.16.6	OEM	200	Each	116991	123156

4.17.1	OEM	NON-RETURN VALVE DIFD:- For clear water application:-		Rates Rs.	
				10 BAR	16 BAR
4.17.2	OEM	Size (mm)			
4.17.3	OEM	50	Each	12006	12006
4.17.4	OEM	80	Each	15750	17505
4.17.5	OEM	100	Each	20340	20340
4.17.6	OEM	150	Each	30762	32310
4.17.7	OEM	200	Each	49995	52497
4.17.8	OEM	250	Each	70074	73575
4.17.9	OEM	300	Each	101430	106461
4.17.10	OEM	350	Each	167994	176400
4.17.11	OEM	400	Each	260820	289647
4.17.12	OEM	450	Each	325800	361935
4.17.13	OEM	500	Each	457380	508176
4.17.14	OEM	600	Each	598680	665280
4.17.15	OEM	700	Each	989057	1087960
4.17.16	OEM	750	Each	1029445	1132394
4.17.17	OEM	800	Each	1181515	1299659
4.17.18	OEM	900	Each	1476072	1660574
4.17.19	OEM	1000	Each	2003647	2254109
4.17.20	OEM	1100	Each	2125741	2338308
4.17.21	OEM	1200	Each	2678697	2946699

4.18.1	OEM	BUTTER FLY VALVE:- DUCTILE IRON		Rates Rs.	
				10 BAR	16 BAR
4.18.2	OEM	Size (mm)			
4.18.3	OEM	80	Each	33606	35370
4.18.4	OEM	100	Each	37800	39870
4.18.5	OEM	150	Each	42300	44280
4.18.6	OEM	200	Each	46080	47880
4.18.7	OEM	250	Each	65520	67050
4.18.8	OEM	300	Each	69975	78480
4.18.9	OEM	350	Each	95220	97470
4.18.10	OEM	400	Each	116820	123750
4.18.11	OEM	450	Each	148590	151875
4.18.12	OEM	500	Each	151290	174060
4.18.13	OEM	600	Each	237600	250110
4.18.14	OEM	700	Each	303118	310111
4.18.15	OEM	750	Each	359856	373824
4.18.16	OEM	800	Each	442600	482423
4.18.17	OEM	900	Each	515498	535588
4.18.18	OEM	1000	Each	607635	651370
4.18.19	OEM	1100	Each	780439	828160

4.18.20	OEM	1200	Each	839009	903533
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4.19.1	OEM	<u>FOR SINGLE CHAMBER AIR VALVE + ISV : DUCTILE IRON:</u>		Rates Rs.	
				16 BAR	
	OEM	Size (mm)			
4.19.2	OEM	50	Each	29520	
4.19.3	OEM	80	Each	40050	
4.19.4	OEM	100	Each	54360	
4.19.5	OEM	150	Each	75240	
4.19.6	OEM	200	Each	103950	

4.20.1	OEM	<u>SLUICE VALVE – DIDF For sewage application:-</u>		Rates Rs.	
				10 BAR	16 BAR
	OEM	Size (mm)			
4.20.2	OEM	50	Each	15094	16502
4.20.3	OEM	80	Each	22239	24050
4.20.4	OEM	100	Each	29705	32603
4.20.5	OEM	150	Each	38640	41860
4.20.6	OEM	200	Each	62828	66814
4.20.7	OEM	250	Each	85431	92173
4.20.8	OEM	300	Each	112519	119945
4.20.9	OEM	350	Each	193341	214130
4.20.10	OEM	400	Each	299265	314236
4.20.11	OEM	450	Each	375301	394076
4.20.12	OEM	500	Each	426081	447392
4.20.13	OEM	600	Each	631339	662905
4.20.14	OEM	700	Each	858795	901744
4.20.15	OEM	750	Each	936295	983114
4.20.16	OEM	800	Each	1032860	1098951
4.20.17	OEM	900	Each	1298087	
4.20.18	OEM	1000	Each	1598312	
4.20.19	OEM	1100	Each	2066890	
4.20.20	OEM	1200	Each	2320520	

4.21.1	OEM	<u>Non return valve CIDF For sewage application:-</u>		Rates Rs.	
				10 BAR	16 BAR
	OEM	Size (mm)			
4.21.2	OEM	50	Each	11229	11229
4.21.3	OEM	80	Each	14737	14744
4.21.4	OEM	100	Each	19032	19032
4.21.5	OEM	150	Each	28780	30218
4.21.6	OEM	200	Each	46775	49118
4.21.7	OEM	250	Each	65563	68836
4.21.8	OEM	300	Each	94875	99606
4.21.9	OEM	350	Each	157190	165038
4.21.10	OEM	400	Each	244041	271010

4.21.12	OEM	450	Each	304831	338653
4.21.13	OEM	500	Each	427957	475484
4.21.14	OEM	600	Each	560147	622483
4.21.15	OEM	700	Each	913328	1014808
4.21.16	OEM	750	Each	951147	1056830
4.21.17	OEM	800	Each	1154611	1282901
4.21.18	OEM	900	Each	1313510	
4.21.19	OEM	1000	Each	1721471	
4.21.20	OEM	1100	Each	2125741	
4.21.21	OEM	1200	Each	2678697	

4.22.1	OEM	<u>SLUICE VALVE DIDF</u> <u>For Sewage application</u>		Rates Rs.	
				10 BAR	16 BAR
4.22.2	OEM	Size (mm)			
4.22.3	OEM	50	Each	16830	18342
4.22.4	OEM	80	Each	24750	26721
4.22.5	OEM	100	Each	33030	36225
4.22.6	OEM	150	Each	42930	46512
4.22.7	OEM	200	Each	69588	74241
4.22.8	OEM	250	Each	94923	102420
4.22.9	OEM	300	Each	125100	133272
4.22.10	OEM	350	Each	214830	237960
4.22.11	OEM	400	Each	315018	330777
4.22.12	OEM	450	Each	395055	414810
4.22.13	OEM	500	Each	448506	470970
4.22.14	OEM	600	Each	664560	697860
4.22.15	OEM	700	Each	903995	949204
4.22.16	OEM	750	Each	985574	1034858
4.22.17	OEM	800	Each	1087221	1156792
4.22.18	OEM	900	Each	1366407	
4.22.19	OEM	1000	Each	1682434	
4.22.20	OEM	1100	Each	2175674	
4.22.21	OEM	1200	Each	2442652	

4.23.1	OEM	<u>NON-RETURN VALVE:-</u> <u>For Sewage application</u>		Rates Rs.	
				10 BAR	16 BAR
4.23.2	OEM	Size (mm)			
4.23.3	OEM	50	Each	12636	12636
4.23.4	OEM	80	Each	16578	16587
4.23.5	OEM	100	Each	21411	21411
4.23.6	OEM	150	Each	32382	33993
4.23.7	OEM	200	Each	52623	55260
4.23.8	OEM	250	Each	73764	77445
4.23.9	OEM	300	Each	106735	112050
4.23.10	OEM	350	Each	176841	185670
4.23.11	OEM	400	Each	274554	304893

4.23.12	OEM	450	Each	342936	380988
4.23.13	OEM	500	Each	481455	534924
4.23.14	OEM	600	Each	630180	700299
4.23.15	OEM	700	Each	1041111	1145220
4.23.16	OEM	750	Each	1083627	1191992
4.23.17	OEM	800	Each	1243700	1368062
4.23.18	OEM	900	Each	1553759	1747979
4.23.19	OEM	1000	Each	2109101	2372746
4.23.20	OEM	1100	Each	2237621	2461378
4.23.21	OEM	1200	Each	2819681	3101788

EXTRA for ELECTRICAL ACTUATOR – AUMA EPAC / ROTORK SYNCROPAK	
FOR site per unit	
Sluice & Butterfly Valve upto 600 mm	182399
Sluice & Butterfly Valve 700 – 1200 mm	228000

4(e) Rates for MARCK MAKE Valves: -
(Rates are inclusive of CP, cartage and exclusive of GST)

DJB Item Code	SOR Reference	Description	Unit	Rates Rs.
4.24.1	OEM	CAST IRON BODY / GATE VALVE / FLANGED ENDRISING SPINDLE # 150 / WITH SS WORKING PARTS MOC		
4.24.2	OEM	40 MM	Each	6306
4.24.3	OEM	50 MM	Each	5963
4.24.4	OEM	80 MM	Each	752
4.24.5	OEM	100mm	Each	8450
4.24.6	OEM	125mm	Each	12950
4.24.7	OEM	150mm	Each	20100
4.24.8	OEM	200mm	Each	20929
4.24.9	OEM	250mm	Each	33471
4.24.10	OEM	300mm	Each	55971
4.25.1	OEM	CAST STEEL BODY / GATE VALVE / FLANGED ENDRISING SPINDLE # 150 / WITH SS WORKING PARTS / IBR & NON IBR NON IBR		
4.25.2	OEM	25mm	Each	4660
4.25.3	OEM	40mm	Each	6850
4.25.4	OEM	50mm	Each	7083
4.25.5	OEM	65mm	Each	9683
4.25.6	OEM	80mm	Each	11553
4.25.7	OEM	100mm	Each	16413
4.25.8	OEM	125mm	Each	26683
4.25.9	OEM	150mm	Each	29460
4.25.10	OEM	200mm	Each	49016
4.25.11	OEM	250mm	Each	80342
4.25.12	OEM	300mm	Each	108795
4.25.13	OEM	350 mm	Each	157350
4.25.14	OEM	400mm	Each	207833
4.25.15	OEM	400mm	Each	267658
4.25.16	OEM	450mm	Each	301348
4.25.17	OEM	500mm	Each	356456
4.25.18	OEM	600mm	Each	548543
4.26.1	OEM	CAST STEEL BODY / GATE VALVE / FLANGED ENDRISING SPINDLE # 150 / WITH SS WORKING PARTS / IBR & NON IBR		
4.26.2	OEM	25mm	Each	8638
4.26.3	OEM	40mm	Each	11181
4.26.4	OEM	50mm	Each	13043
4.26.5	OEM	65mm	Each	15726
4.26.6	OEM	80mm	Each	19120
4.26.7	OEM	100mm	Each	27722
4.26.8	OEM	125mm	Each	44008
4.26.9	OEM	150mm	Each	49376
4.26.10	OEM	200mm	Each	81250
4.26.11	OEM	250mm	Each	133715
4.26.12	OEM	300mm	Each	154008
4.26.13	OEM	350 mm	Each	216820
4.26.14	OEM	400mm	Each	288602
4.26.15	OEM	450mm	Each	405662
4.26.16	OEM	500mm	Each	461615
4.26.17	OEM	600mm	Each	671440
4.27.1	OEM	CAST STEEL BODY / GATE VALVE / FLANGED ENDRISING SPINDLE # 300 / WITH SS WORKING		

		PARTS / IBR & NON IBR		
4.27.2	OEM	25mm	Each	8001
4.27.3	OEM	40mm	Each	10000
4.27.4	OEM	50mm	Each	11005
4.27.5	OEM	65mm	Each	12026
4.27.6	OEM	80mm	Each	17040
4.27.7	OEM	100mm	Each	21381
4.27.8	OEM	125mm	Each	32091
4.27.9	OEM	150mm	Each	41438
4.27.10	OEM	200mm	Each	57280
4.27.11	OEM	250mm	Each	82840
4.27.12	OEM	300mm	Each	146198
4.27.13	OEM	350 mm	Each	210415
4.28.1	OEM	CAST STEEL BODY / GATE VALVE / FLANGED ENDRISING SPINDLE # 300 / WITH SS WORKING PARTS / IBR & NON IBR		
4.28.2	OEM	40mm	Each	13643
4.28.3	OEM	50mm	Each	16160
4.28.4	OEM	65mm	Each	21165
4.28.5	OEM	80mm	Each	31473
4.28.6	OEM	100mm	Each	40967
4.28.7	OEM	125mm	Each	64318
4.28.8	OEM	150mm	Each	74475
4.28.9	OEM	200mm	Each	128638
4.28.10	OEM	250mm	Each	262353
4.28.11	OEM	300mm	Each	355448
4.28.12	OEM	350 mm	Each	405662
4.28.13	OEM	400mm	Each	505487
4.29.1	OEM	IC / CF8 & IC / CF8M BODY / ASA 150# / GATE VALVE / FLANGED END / HANDWHEEL OPERATED		
4.29.2	OEM	25mm	Each	7200
4.29.3	OEM	40mm	Each	9675
4.29.4	OEM	50mm	Each	10368
4.29.5	OEM	65mm	Each	15840
4.29.6	OEM	80mm	Each	20096
4.29.7	OEM	100mm	Each	25803
4.29.8	OEM	125mm	Each	43200
4.29.9	OEM	150mm	Each	56475
4.29.10	OEM	200mm	Each	67103
4.29.11	OEM	250mm	Each	128546
4.29.12	OEM	300mm	Each	186578
4.30.1	OEM	IC / CF8 & IC / CF8M BODY / ASA 150# / GATE VALVE / FLANGED END / HANDWHEEL OPERATED		
4.30.2	OEM	25mm	Each	8100
4.30.3	OEM	40mm	Each	10296
4.30.4	OEM	50mm	Each	12788
4.30.5	OEM	65mm	Each	17856
4.30.6	OEM	80mm	Each	24021
4.30.7	OEM	100mm	Each	21876
4.30.8	OEM	125mm	Each	48600
4.30.9	OEM	150mm	Each	63963
4.30.10	OEM	250mm	Each	144143
4.30.11	OEM	300mm	Each	209348

4.31.1	OEM	FORGED STEEL BODY / 800# / GATE VALVE / SCREWED END / SOCKETWELD END / IBR & NON IBR		
4.31.2	OEM	15mm	Each	1686
4.31.3	OEM	20mm	Each	1998
4.31.4	OEM	25mm	Each	2393
4.31.5	OEM	32mm	Each	5546
4.31.6	OEM	40mm	Each	5546
4.31.7	OEM	50mm	Each	6555
4.32.1	OEM	FORGED STEEL BODY / 800# / GATE VALVE / SCREWED END / SOCKETWELD END / IBR & NON IBR		
4.32.2	OEM	15mm	Each	2108
4.32.3	OEM	20mm	Each	2503
4.32.4	OEM	25mm	Each	2988
4.32.5	OEM	32mm	Each	6930
4.32.6	OEM	40mm	Each	6930
4.32.7	OEM	50mm	Each	8195
4.33.1	OEM	IC / CF8 & IC / CF8M BODY / ASA 150# / GATE VALVE / FLANGED END / HANDWHEEL OPERATED		
4.33.2	OEM	15MM	Each	1458
4.33.3	OEM	20MM	Each	1755
4.33.4	OEM	25mm	Each	2268
4.33.5	OEM	40mm	Each	3015
4.33.6	OEM	50mm	Each	4041
4.33.7	OEM	65MM	Each	5768
4.34.1	OEM	IC / CF8 & IC / CF8M BODY / GATE VALVE / SCREWED END / HANDWHEEL OPERATED		
4.34.2	OEM	15MM	Each	1638
4.34.3	OEM	20MM	Each	1980
4.34.4	OEM	25mm	Each	2573
4.34.5	OEM	40mm	Each	3465
4.34.6	OEM	50mm	Each	4671
4.34.7	OEM	65MM	Each	6705
4.35.1	OEM	CAST IRON BODY / GLOBE VALVE / FLANGED END WITH SS WORKING PARTS		
4.35.2	OEM	40mm	Each	6210
4.35.3	OEM	50mm	Each	8028
4.35.4	OEM	65mm	Each	11688
4.35.5	OEM	80mm	Each	12347
4.35.6	OEM	100mm	Each	17333
4.35.7	OEM	125mm	Each	29950
4.35.8	OEM	150mm	Each	32158
4.35.9	OEM	200mm	Each	55363
4.35.10	OEM	250mm	Each	94785
4.35.11	OEM	300mm	Each	135405
4.35.12	OEM	350 mm	Each	222633

4.35.13	OEM	400mm	Each	310476
4.35.14	OEM	450mm	Each	403690
4.35.15	OEM	500mm	Each	464458
4.35.16	OEM	600mm	Each	740313
4.36.1		CAST IRON BODY / GLOBE VALVE / FLANGED END WITH SS WORKING PARTS		
4.36.2	OEM	25mm	Each	5178
4.36.3	OEM	40mm	Each	7430
4.36.4	OEM	50mm	Each	9918
4.36.5	OEM	65mm	Each	17150
4.36.6	OEM	80mm	Each	17730
4.36.7	OEM	100mm	Each	25400
4.36.8	OEM	125mm	Each	47965
4.36.9	OEM	150mm	Each	48587
4.36.10	OEM	200mm	Each	77708
4.36.11	OEM	250mm	Each	116358
4.36.12	OEM	300mm	Each	275933
4.36.13	OEM	350 mm	Each	31622
4.36.14	OEM	400mm	Each	494741

4(f)RATES FOR "SKOPE" MAKE VALVES

(Rates are inclusive of CP, cartage and exclusive of GST)

SKOPE Sluice valve

Product: SKOPE C.I. Wedge Gate Sluice Valve, Products Standard: IS-14846 duly, Body Material cum standard: IS -210 Gr. FG -200 Cast Iron, Products Description: Bolted Bonnet inside screw non - rising stem, Type of Seat: Renewable, Type of Wadge: Solid Wedge, Trim: Cu-Alloy Rings, stem SS (12 Cr. 12), Gland Packing: Lubricated Asbestos, End Details: Flanges as per IS 1538 F/F Drilled.

DJB Item Code	SOR Reference	Description					Rates Rs.
		Size	Rating	Sluice valve Each	Rating	Unit	Sluice valve Each
4.37.1	OEM Rates	50	PN - 1.0	7600	PN - 1.6	Each	7695
4.37.2	OEM Rates	65	PN - 1.0	8835	PN - 1.6	Each	9168
4.37.3	OEM Rates	80	PN - 1.0	9975	PN - 1.6	Each	10735
4.37.4	OEM Rates	350	PN - 1.0	104500	PN - 1.6	Each	105165
4.37.5	OEM Rates	400	PN - 1.0	130625	PN - 1.6	Each	133475
4.37.6	OEM Rates	450	PN - 1.0	157700	PN - 1.6	Each	167675
4.37.7	OEM Rates	500	PN - 1.0	203300	PN - 1.6	Each	234650
4.37.8	OEM Rates	600	PN - 1.0	267900	PN - 1.6	Each	307705

SKOPE Non- Return Valve

Product: SKOPE C.I. Reflux Valve (Non-Return Valve), Products Standard: as per IS 5312, Type of Pattern: Straight Type, Pressure/Class/Rating: PN-1.0 (PN10) and PN- 1.6 (PN 16), Body Material cum standard: IS -210 Gr.FG-200Cast Iron, Products Description: Bolted Cover, Type of Seat: Integral Seat/Renewable, Trim: Body Ring Gun Metal & Seat Ring Rubber, End Details: Flanges as per IS 1538.

DJB Item Code	SOR Reference	Description					Rates Rs.
		Size	Rating	Non- Return valve Each	Rating	Unit	Non- Return valve Each
4.38.1	OEM Rates	50	PN - 1.0	4608	PN - 1.6	Each	4845
4.38.2	OEM Rates	65	PN - 1.0	5225	PN - 1.6	Each	5463
4.38.3	OEM Rates	80	PN - 1.0	6104	PN - 1.6	Each	6402
4.38.4	OEM Rates	100	PN - 1.0	9168	PN - 1.6	Each	9499

4.38.5	OEM Rates	125	PN - 1.0	14108	PN - 1.6	Each	14630
4.38.6	OEM Rates	150	PN - 1.0	17100	PN - 1.6	Each	18525
4.38.7	OEM Rates	200	PN - 1.0	30352	PN - 1.6	Each	32110
4.38.8	OEM Rates	250	PN - 1.0	41705	PN - 1.6	Each	45599
4.38.9	OEM Rates	300	PN - 1.0	56668	PN - 1.6	Each	61550
4.38.10	OEM Rates	350	PN - 1.0	99228	PN - 1.6	Each	105070
4.38.11	OEM Rates	400	PN - 1.0	127632	PN - 1.6	Each	135185
4.38.12	OEM Rates	450	PN - 1.0	192755	PN - 1.6	Each	204060
4.38.13	OEM Rates	500	PN - 1.0	252082	PN - 1.6	Each	266950
4.38.14	OEM Rates	600	PN - 1.0	35492	PN - 1.6	Each	375630

RATES FOR SKOPE DUCTILE IRON NON-RETURN VALVES (RUBBER/BRONZE)

DJB Item Code	SOR Reference	Description				Rates Rs.
		Size	Rating	Material	Unit	Ductile Iron Non-Return Valves
4.39.1	OEM Rates	50	1	DI	Each	8218
4.39.2	OEM Rates	65	1	DI	Each	9120
4.39.3	OEM Rates	80	1	DI	Each	10640
4.39.4	OEM Rates	100	1	DI	Each	17005
4.39.5	OEM Rates	125	1	DI	Each	24083
4.39.6	OEM Rates	150	1	DI	Each	30020
4.39.7	OEM Rates	200	1	DI	Each	46930
4.39.8	OEM Rates	250	1	DI	Each	61845
4.39.9	OEM Rates	300	1	DI	Each	88920
4.39.10	OEM Rates	350	1	DI	Each	141550
4.39.11	OEM Rates	400	1	DI	Each	185250
4.39.12	OEM Rates	450	1	DI	Each	257450
4.39.13	OEM Rates	500	1	DI	Each	331550
4.39.14	OEM Rates	600	1	DI	Each	468350

**RATES FOR SKOPE DI RESILIENT SEATED SLUICE VALVE & DUCTILE IRON
NON-RETURN VALVES
(RUBBER/BRONZE)**

DJB Item Code	SOR Refer ence	Description			Rates Rs.		
		Size	Rating	Material	DI Resilient Seated Sluice Valve Each	Unit	Ductile Iron Non-Return Valves
4.40.1	OEM Rates	50	1.6	DI	7505	Each	8055
4.40.2	OEM Rates	65	1.6	DI	7980	Each	9405
4.40.3	OEM Rates	80	1.6	DI	8740	Each	10925
4.40.4	OEM Rates	100	1.6	DI	10735	Each	17433
4.40.5	OEM Rates	125	1.6	DI	16625	Each	24795
4.40.6	OEM Rates	150	1.6	DI	17955	Each	30780
4.40.7	OEM Rates	200	1.6	DI	27075	Each	48450
4.40.8	OEM Rates	250	1.6	DI	45647	Each	63745
4.40.9	OEM Rates	300	1.6	DI	60515	Each	91675
4.40.10	OEM Rates	350	1.6	DI	119890	Each	145825
4.40.11	OEM Rates	400	1.6	DI	150955	Each	190950
4.40.12	OEM Rates	450	1.6	DI	199025	Each	266665
4.40.13	OEM Rates	500	1.6	DI	291222	Each	359200
4.40.14	OEM Rates	600	1.6	DI	367412	Each	484405

<u>RATES FOR SKOPE Temper Proof Kinetic Air Valve & Foot Valve</u>					
DJB Item Code	SOR Refer ence	Description		Rates Rs.	Rates Rs.
		Size	TP Kinetic Air Valve	TP Kinetic Air Valve	Foot Valve
4.41.1	OEM Rates	MM	PN 1.0	PN 1.6	PN0.2
4.41.2	OEM Rates	50	13490	13965	2261
4.41.3	OEM Rates	80	13965	14440	3287
4.41.4	OEM Rates	100	17290	18430	4351
4.41.5	OEM Rates	150	36813	38843	5795
4.41.6	OEM Rates	200	40470	42720	16150
4.41.7	OEM Rates	250	.....	.....	20615
4.41.8	OEM Rates	300	.....	.....	36053
4.41.9	OEM Rates	350	.....	.....	47605
4.41.10	OEM Rates	400	.....	.....	57190
4.41.11	OEM Rates	450	.....	.....	69065

RATES FOR SKOPE C.I. Y Type Strainer

Y-Type
Cast Iron IBR 86 to 93 Grade A
Bolted Cover
SS 304 Screen having 1.2 mm dia perforation
Flange as per BS – 10 Table F F.F. undrilled
21.09kg/cm² (300 Psig. Hyd.)
Working Pressure: Max BOP 10.54kgf/cm² g. (150 Psig.) at 2200 C Steam

DJB Item Code	SOR Reference	Description		Unit	Rates Rs..
		Size/inch	mm		
4.42.1	OEM Rates	1	25	Each	2147
4.42.2	OEM Rates	1 1/2	40	Each	3610
4.42.3	OEM Rates	2	50	Each	5273
4.42.4	OEM Rates	2 1/2	65	Each	8170
4.42.5	OEM Rates	3	80	Each	9025
4.42.6	OEM Rates	4	100	Each	14963
4.42.7	OEM Rates	5	125	Each	23845
4.42.8	OEM Rates	6	150	Each	26410
4.42.9	OEM Rates	8	200	Each	48640

SKOPE C.I. Wedge Gate Sluice Valves

IS-14846 duly
PN 1.0 PD Type
IS -210 Gr. FG -200 Cast Iron
Bolted Bonnet inside screw non - rising stem
Renewable
Solid Wedge
Cu-Alloy Rings, stem SS (12 Cr. 12)
Lubricated Asbestos
Flanges as per IS 1538 F/F Drilled
1.5 MPa (Hyd.)
1.0 MPa (Hyd.)

DJB Item Code	SOR Reference	Description		Unit	Rates Rs.
		Size/inch	mm		
4.43.1	OEM Rates	2	50	Each	6185
4.43.2	OEM Rates	2 1/2	65	Each	8327
4.43.3	OEM Rates	3	80	Each	9472
4.43.4	OEM Rates	4	100	Each	14355
4.43.5	OEM Rates	5	125	Each	16616
4.43.6	OEM Rates	6	150	Each	18715
4.43.7	OEM Rates	8	200	Each	29925
4.43.8	OEM Rates	10	250	Each	48640

4.43.9	OEM Rates	12	300	Each	56905
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SKOPE Gun Metal Gate Valves

IS-778
Class-1
GM (IS318 LTB2)
Screwed in Bonnet, Inside Screw, Non-Rising Stem
Integral Seat
Solid Wedge
Cu-Alloy
PTFE
Screwed female thread to IS:554 Parallel
1.5 MPa (Hyd.)
1.0 MPa (Hyd.)

DJB Item Code	SOR Reference	Description		Unit	Rates Rs.
		Size/inch	mm		
4.44.1	OEM Rates	1/4	8	Each	646
4.44.2	OEM Rates	3/8	10	Each	646
4.44.3	OEM Rates	1/2	15	Each	217
4.44.4	OEM Rates	3/4	20	Each	941
4.44.5	OEM Rates	1	25	Each	1397
4.44.6	OEM Rates	1 1/4	32	Each	2185
4.44.7	OEM Rates	1 1/2	40	Each	2802
4.44.8	OEM Rates	2	50	Each	4275
4.44.9	OEM Rates	2 1/2	65	Each	7410
4.44.10	OEM Rates	3	80	Each	10735
4.44.11	OEM Rates	4	100	Each	20995

4(g) Rates for 'DALUI' Make Valves:-
(Rates are inclusive of CP, cartage and exclusive of GST)

DJB Item Code	SOR Reference	Description	Unit	Rates Rs.
		SLUICE VALVE PN 1.0 (Ductile Iron)		
4.45.1	OEM Rates	Hand wheel Ductile iron PN 1.0 Flanged (50 mm size)	Each	5348
4.45.2	OEM Rates	Hand wheel Ductile iron PN 1.0 Flanged (65 mm size)	Each	8125
4.45.3	OEM Rates	Hand wheel Ductile iron PN 1.0 Flanged (80 mm size)	Each	9257
4.45.4	OEM Rates	Hand wheel Ductile iron PN 1.0 Flanged (100 mm size)	Each	12033
4.45.5	OEM Rates	Hand wheel Ductile iron PN 1.0 Flanged (125 mm size)	Each	15633
4.45.6	OEM Rates	Hand wheel Ductile iron PN 1.0 Flanged (150 mm size)	Each	17896
4.45.7	OEM Rates	Hand wheel Ductile iron PN 1.0 Flanged (200 mm size)	Each	31266
4.45.8	OEM Rates	Hand wheel Ductile iron PN 1.0 Flanged (250 mm size)	Each	46283
4.45.9	OEM Rates	Hand wheel Ductile iron PN 1.0 Flanged (300 mm size)	Each	67110
4.45.10	OEM Rates	Hand wheel Ductile iron PN 1.0 Flanged (350 mm size)	Each	87937
4.45.11	OEM Rates	Hand wheel Ductile iron PN 1.0 Flanged (400 mm size)	Each	120335
4.45.12	OEM Rates	Hand wheel Ductile iron PN 1.0 Flanged (450 mm size)	Each	150419
4.45.13	OEM Rates	Hand wheel Ductile iron PN 1.0 Flanged (500 mm size)	Each	203643
4.45.14	OEM Rates	Hand wheel Ductile iron PN 1.0 Flanged (600 mm size)	Each	266125
4.45.15	OEM Rates	Encased Gear Ductile iron PN 1.0 Flanged (700 mm size)	Each	523717
4.45.16	OEM Rates	Encased Gear Ductile iron PN 1.0 Flanged (800 mm size)	Each	693186
4.45.17	OEM Rates	Encased Gear Ductile iron PN 1.0 Flanged (900 mm size)	Each	774180
4.45.18	OEM Rates	Encased Gear Ductile iron PN 1.0 Flanged (1000 mm size)	Each	907885
4.45.19	OEM Rates	Encased Gear Ductile iron PN 1.0 Flanged (1100 mm size)	Each	1165010
4.45.20	OEM Rates	Encased Gear Ductile iron PN 1.0 Flanged (1200 mm size)	Each	1511895
4.45.21	OEM Rates	Encased Gear Ductile iron PN 1.0 Flanged (1300 mm size)	Each	2046715
4.45.22	OEM Rates	Encased Gear Ductile iron PN 1.0 Flanged (1400 mm size)	Each	2431000
4.45.23	OEM Rates	Encased Gear Ductile iron PN 1.0 Flanged (1500 mm size)	Each	3169650
		SLUICE VALVE PN 1.6 (Ductile Iron)		

4.46.1	OEM Rates	Hand wheel Ductile iron PN 1.6 Flanged (50 mm size)	Each	5696
4.46.2	OEM Rates	Hand wheel Ductile iron PN 1.6 Flanged (65 mm size)	Each	8653
4.46.3	OEM Rates	Hand wheel Ductile iron PN 1.6 Flanged (80 mm size)	Each	9858
4.46.4	OEM Rates	Hand wheel Ductile iron PN 1.6 Flanged (100 mm size)	Each	12815
4.46.5	OEM Rates	Hand wheel Ductile iron PN 1.6 Flanged (125 mm size)	Each	16649
4.46.6	OEM Rates	Hand wheel Ductile iron PN 1.6 Flanged (150 mm size)	Each	19060
4.46.7	OEM Rates	Hand wheel Ductile iron PN 1.6 Flanged (200 mm size)	Each	33299
4.46.8	OEM Rates	Hand wheel Ductile iron PN 1.6 Flanged (250 mm size)	Each	49291
4.46.9	OEM Rates	Hand wheel Ductile iron PN 1.6 Flanged (300 mm size)	Each	71473
4.46.10	OEM Rates	Hand wheel Ductile iron PN 1.6 Flanged (350 mm size)	Each	93653
4.46.11	OEM Rates	Hand wheel Ductile iron PN 1.6 Flanged (400 mm size)	Each	128156
4.46.12	OEM Rates	Hand wheel Ductile iron PN 1.6 Flanged (450 mm size)	Each	160196
4.46.13	OEM Rates	Hand wheel Ductile iron PN 1.6 Flanged (500 mm size)	Each	216880
4.46.14	OEM Rates	Hand wheel Ductile iron PN 1.6 Flanged (600 mm size)	Each	283423
4.46.15	OEM Rates	Encased Gear Ductile iron PN 1.6 Flanged (700 mm size)	Each	557759
4.46.16	OEM Rates	Encased Gear Ductile iron PN 1.6 Flanged (800 mm size)	Each	738243
4.46.17	OEM Rates	Encased Gear Ductile iron PN 1.6 Flanged (900 mm size)	Each	824502
4.46.18	OEM Rates	Encased Gear Ductile iron PN 1.6 Flanged (1000 mm size)	Each	966898
4.46.19	OEM Rates	Encased Gear Ductile iron PN 1.6 Flanged (1100 mm size)	Each	1240735
4.46.20	OEM Rates	Encased Gear Ductile iron PN 1.6 Flanged (1200 mm size)	Each	1610169
4.46.21	OEM Rates	Encased Gear Ductile iron PN 1.6 Flanged(1300 mm size)	Each	2179752
4.46.22	OEM Rates	Encased Gear Ductile iron PN 1.6 Flanged (1400 mm size)	Each	2589015
4.46.23	OEM Rates	Encased Gear Ductile iron PN 1.6 Flanged (1500 mm size)	Each	3375677
		SLUICE VALVE PN 1.0 (Cast Iron)		
4.47.1	OEM Rates	Hand wheel Cast iron PN 1.0 Flanged (50 mm size)	Each	4021
4.47.2	OEM Rates	Hand wheel Cast iron PN 1.0 Flanged (65 mm size)	Each	5049
4.47.3	OEM Rates	Hand wheel Cast iron PN 1.0 Flanged (80 mm size)	Each	5704
4.47.4	OEM Rates	Hand wheel Cast iron PN 1.0 Flanged (350 mm size)	Each	58905

4.47.5	OEM Rates	Hand wheel Cast iron PN 1.0 Flanged (400 mm size)	Each	82654
4.47.6	OEM Rates	Hand wheel Cast iron PN 1.0 Flanged (450 mm size)	Each	97240
4.47.7	OEM Rates	Hand wheel Cast iron PN 1.0 Flanged (500 mm size)	Each	117623
4.47.8	OEM Rates	Hand wheel Cast iron PN 1.0 Flanged (600 mm size)	Each	173910
4.47.9	OEM Rates	Encased Gear Cast iron PN 1.0 Flanged (700 mm size)	Each	336600
4.47.10	OEM Rates	Encased Gear Cast iron PN 1.0 Flanged (800 mm size)	Each	467500
4.47.11	OEM Rates	Encased Gear Cast iron PN 1.0 Flanged (900 mm size)	Each	617100
4.47.12	OEM Rates	Encased Gear Cast iron PN 1.0 Flanged (1000 mm size)	Each	785400
4.47.13	OEM Rates	Encased Gear Cast iron PN 1.0 Flanged (1100 mm size)	Each	963050
4.47.14	OEM Rates	Encased Gear Cast iron PN 1.0 Flanged (1200 mm size)	Each	1168750
7		SLUICE VALVE PN 1.6 (Cast Iron)		
4.48.1	OEM Rates	Hand wheel Cast iron PN 1.6 Flanged (50 mm size)	Each	4423
4.48.2	OEM Rates	Hand wheel Cast iron PN 1.6 Flanged (65 mm size)	Each	5554
4.48.3	OEM Rates	Hand wheel Cast iron PN 1.6 Flanged (80 mm size)	Each	6274
4.48.4	OEM Rates	Hand wheel Cast iron PN 1.6 Flanged (350 mm size)	Each	64796
4.48.5	OEM Rates	Hand wheel Cast iron PN 1.6 Flanged (400 mm size)	Each	90919
4.48.6	OEM Rates	Hand wheel Cast iron PN 1.6 Flanged (450 mm size)	Each	106964
4.48.7	OEM Rates	Hand wheel Cast iron PN 1.6 Flanged (500 mm size)	Each	129385
4.48.8	OEM Rates	Hand wheel Cast iron PN 1.6 Flanged (600 mm size)	Each	191301
4.48.9	OEM Rates	Encased Gear Cast iron PN 1.6 Flanged (700 mm size)	Each	370260
4.48.10	OEM Rates	Encased Gear Cast iron PN 1.6 Flanged (800 mm size)	Each	514250
4.48.11	OEM Rates	Encased Gear Cast iron PN 1.6 Flanged (900 mm size)	Each	678810
4.48.12	OEM Rates	Encased Gear Cast iron PN 1.6 Flanged (1000 mm size)	Each	863940
4.48.13	OEM Rates	Encased Gear Cast iron PN 1.6 Flanged (1100 mm size)	Each	1059355
4.48.14	OEM Rates	Encased Gear Cast iron PN 1.6 Flanged (1200 mm size)	Each	1285625
		Butterfly Valve- PN 1.0 (Ductile Iron)		
4.49.1	OEM Rates	Lever Ductile iron PN 1.0 Flanged (50 mm size)	Each	11360
4.49.2	OEM Rates	Lever Ductile iron PN 1.0 Flanged (65 mm size)	Each	12118
4.49.3	OEM	Lever Ductile iron PN 1.0 Flanged (80 mm size)	Each	14137

	Rates			
4.49.4	OEM Rates	Lever Ductile iron PN 1.0 Flanged (100 mm size)	Each	15904
4.49.5	OEM Rates	Lever Ductile iron PN 1.0 Flanged (125 mm size)	Each	18176
4.49.6	OEM Rates	Lever Ductile iron PN 1.0 Flanged (150 mm size)	Each	18934
4.49.7	OEM Rates	Encased Gear Ductile iron PN 1.0 Flanged (200 mm size)	Each	26002
4.49.8	OEM Rates	Encased Gear Ductile iron PN 1.0 Flanged (250 mm size)	Each	32819
4.49.9	OEM Rates	Encased Gear Ductile iron PN 1.0 Flanged (300 mm size)	Each	46703
4.49.10	OEM Rates	Encased Gear Ductile iron PN 1.0 Flanged (350 mm size)	Each	52257
4.49.11	OEM Rates	Encased Gear Ductile iron PN 1.0 Flanged (400 mm size)	Each	74473
4.49.12	OEM Rates	Encased Gear Ductile iron PN 1.0 Flanged (450 mm size)	Each	93407
4.49.13	OEM Rates	Encased Gear Ductile iron PN 1.0 Flanged (500 mm size)	Each	104767
4.49.14	OEM Rates	Encased Gear Ductile iron PN 1.0 Flanged (600 mm size)	Each	149600
4.49.15	OEM Rates	Encased Gear Ductile iron PN 1.0 Flanged (700 mm size)	Each	177650
4.49.16	OEM Rates	Encased Gear Ductile iron PN 1.0 Flanged (750 mm size)	Each	231665
4.49.17	OEM Rates	Encased Gear Ductile iron PN 1.0 Flanged (800 mm size)	Each	290779
4.49.7	OEM Rates	Encased Gear Ductile iron PN 1.0 Flanged (900 mm size)	Each	415283
4.49.19	OEM Rates	Encased Gear Ductile iron PN 1.0 Flanged (1000 mm size)	Each	545607
4.49.20	OEM Rates	Encased Gear Ductile iron PN 1.0 Flanged (1100 mm size)	Each	561000
4.49.21	OEM Rates	Encased Gear Ductile iron PN 1.0 Flanged (1200 mm size)	Each	595343
4.49.22	OEM Rates	Encased Gear Ductile iron PN 1.0 Flanged (1300 mm size)	Each	806381
4.49.23	OEM Rates	Encased Gear Ductile iron PN 1.0 Flanged (1400 mm size)	Each	903490
4.49.24	OEM Rates	Encased Gear Ductile iron PN 1.0 Flanged (1500 mm size)	Each	1297374
4.49.25	OEM Rates	Encased Gear Ductile iron PN 1.0 Flanged (1600 mm size)	Each	1347794
4.49.26	OEM Rates	Encased Gear Ductile iron PN 1.0 Flanged (1700 mm size)	Each	1823254
4.49.27	OEM Rates	Encased Gear Ductile iron PN 1.0 Flanged (1800 mm size)	Each	2330315
4.49.28	OEM Rates	Encased Gear Ductile iron PN 1.0 Flanged (1900 mm size)	Each	2480413
4.49.29	OEM Rates	Encased Gear Ductile iron PN 1.0 Flanged (2000 mm size)	Each	2326693
4.49.30	OEM Rates	Encased Gear Ductile iron PN 1.0 Flanged (2100 mm size)	Each	2475826
4.49.31	OEM	Encased Gear Ductile iron PN 1.0 Flanged (2200 mm size)	Each	2916857

	Rates			
4.49.32	OEM Rates	Encased Gear Ductile iron PN 1.0 Flanged (2400 mm size)	Each	3030361
4.49.33	OEM Rates	Encased Gear Ductile iron PN 1.0 Flanged (2500 mm size)	Each	3523159
		Butterfly Valve- PN 1.6 (Ductile Iron)		
4.50.1	OEM Rates	Lever Ductile iron PN 1.6 Flanged (50 mm size)	Each	12497
4.50.2	OEM Rates	Lever Ductile iron PN 1.6 Flanged (65 mm size)	Each	13330
4.50.3	OEM Rates	Lever Ductile iron PN 1.6 Flanged (80 mm size)	Each	15551
4.50.4	OEM Rates	Lever Ductile iron PN 1.6 Flanged (100 mm size)	Each	17495
4.50.5	OEM Rates	Lever Ductile iron PN 1.6 Flanged (125 mm size)	Each	19994
4.50.6	OEM Rates	Lever Ductile iron PN 1.6 Flanged (150 mm size)	Each	20828
4.50.7	OEM Rates	Encased Gear Ductile iron PN 1.6 Flanged (200 mm size)	Each	28603
4.50.8	OEM Rates	Encased Gear Ductile iron PN 1.6 Flanged (250 mm size)	Each	36100-
4.50.9	OEM Rates	Encased Gear Ductile iron PN 1.6 Flanged (300 mm size)	Each	51374
4.50.10	OEM Rates	Encased Gear Ductile iron PN 1.6 Flanged (350 mm size)	Each	57483
4.50.11	OEM Rates	Encased Gear Ductile iron PN 1.6 Flanged (400 mm size)	Each	81920
4.50.12	OEM Rates	Encased Gear Ductile iron PN 1.6 Flanged (450 mm size)	Each	102747
4.50.13	OEM Rates	Encased Gear Ductile iron PN 1.6 Flanged (500 mm size)	Each	115244
4.50.14	OEM Rates	Encased Gear Ductile iron PN 1.6 Flanged (600 mm size)	Each	164560
4.50.15	OEM Rates	Encased Gear Ductile iron PN 1.6 Flanged (700 mm size)	Each	195415
4.50.16	OEM Rates	Encased Gear Ductile iron PN 1.6 Flanged (750 mm size)	Each	254832
4.50.17	OEM Rates	Encased Gear Ductile iron PN 1.6 Flanged (800 mm size)	Each	319857
4.50.18	OEM Rates	Encased Gear Ductile iron PN 1.6 Flanged (900 mm size)	Each	456811
4.50.19	OEM Rates	Encased Gear Ductile iron PN 1.6 Flanged (1000 mm size)	Each	600167
4.50.20	OEM Rates	Encased Gear Ductile iron PN 1.6 Flanged (1100 mm size)	Each	617100
4.50.21	OEM Rates	Encased Gear Ductile iron PN 1.6 Flanged (1200 mm size)	Each	654877
4.50.22	OEM Rates	Encased Gear Ductile iron PN 1.6 Flanged (1300 mm size)	Each	887018
4.50.23	OEM Rates	Encased Gear Ductile iron PN 1.6 Flanged (1400 mm size)	Each	992889
4.50.24	OEM Rates	Encased Gear Ductile iron PN 1.6 Flanged (1500 mm size)	Each	1427111
4.50.25	OEM	Encased Gear Ductile iron PN 1.6 Flanged (1600 mm size)	Each	1482573

	Rates			
4.50.26	OEM Rates	Encased Gear Ductile iron PN 1.6 Flanged (1700 mm size)	Each	2005580
4.50.27	OEM Rates	Encased Gear Ductile iron PN 1.6 Flanged (1800 mm size)	Each	2563347
4.50.28	OEM Rates	Encased Gear Ductile iron PN 1.6 Flanged (1900 mm size)	Each	2728453
4.50.29	OEM Rates	Encased Gear Ductile iron PN 1.6 Flanged (2000 mm size)	Each	2559363
4.50.30	OEM Rates	Encased Gear Ductile iron PN 1.6 Flanged (2100 mm size)	Each	2723409
4.50.31	OEM Rates	Encased Gear Ductile iron PN 1.6 Flanged (2200 mm size)	Each	3208543
4.50.32	OEM Rates	Encased Gear Ductile iron PN 1.6 Flanged (2400 mm size)	Each	3333397
4.50.33	OEM Rates	Encased Gear Ductile iron PN 1.6 Flanged (2500 mm size)	Each	3875475
		Butterfly Valve- PN 1.0 (Cast Iron)		
4.51.1	OEM Rates	Lever Cast iron PN 1.0 Flanged (50 mm size)	Each	9257
4.51.2	OEM Rates	Lever Cast iron PN 1.0 Flanged (65 mm size)	Each	9874
4.51.3	OEM Rates	Lever Cast iron PN 1.0 Flanged (80 mm size)	Each	11519
4.51.4	OEM Rates	Lever Cast iron PN 1.0 Flanged (100 mm size)	Each	12959
4.51.5	OEM Rates	Lever Cast iron PN 1.0 Flanged (125 mm size)	Each	14810
4.51.6	OEM Rates	Lever Cast iron PN 1.0 Flanged (150 mm size)	Each	15428
4.51.7	OEM Rates	Encased Gear Cast iron PN 1.0 Flanged (200 mm size)	Each	21187
4.51.8	OEM Rates	Encased Gear Cast iron PN 1.0 Flanged (250 mm size)	Each	26741
4.51.9	OEM Rates	Encased Gear Cast iron PN 1.0 Flanged (300 mm size)	Each	38055
4.51.10	OEM Rates	Encased Gear Cast iron PN 1.0 Flanged (350 mm size)	Each	42580
4.51.11	OEM Rates	Encased Gear Cast iron PN 1.0 Flanged (400 mm size)	Each	60682
4.51.12	OEM Rates	Encased Gear Cast iron PN 1.0 Flanged (450 mm size)	Each	76109
4.51.13	OEM Rates	Encased Gear Cast iron PN 1.0 Flanged (500 mm size)	Each	83426
4.51.14	OEM Rates	Encased Gear Cast iron PN 1.0 Flanged (600 mm size)	Each	111078
4.51.15	OEM Rates	Encased Gear Cast iron PN 1.0 Flanged (700 mm size)	Each	139876
		Butterfly Valve- PN 1.6 (Cast Iron)		
4.52.1	OEM Rates	Lever Cast iron PN 1.6 Flanged (50 mm size)	Each	10182
4.52.2	OEM Rates	Lever Cast iron PN 1.6 Flanged (65 mm size)	Each	10860
4.52.3	OEM Rates	Lever Cast iron PN 1.6 Flanged (80 mm size)	Each	12671
4.52.4	OEM	Lever Cast iron PN 1.6 Flanged (100 mm size)	Each	14255

	Rates			
4.52.5	OEM Rates	Lever Cast iron PN 1.6 Flanged (125 mm size)	Each	16291
4.52.6	OEM Rates	Lever Cast iron PN 1.6 Flanged (150 mm size)	Each	16970
4.52.7	OEM Rates	Encased Gear Cast iron PN 1.6 Flanged (200 mm size)	Each	23305
4.52.8	OEM Rates	Encased Gear Cast iron PN 1.6 Flanged (250 mm size)	Each	29415
4.52.9	OEM Rates	Encased Gear Cast iron PN 1.6 Flanged (300 mm size)	Each	41860
4.52.10	OEM Rates	Encased Gear Cast iron PN 1.6 Flanged (350 mm size)	Each	46838
4.52.11	OEM Rates	Encased Gear Cast iron PN 1.6 Flanged (400 mm size)	Each	66750
4.52.12	OEM Rates	Encased Gear Cast iron PN 1.6 Flanged (450 mm size)	Each	83720
4.52.13	OEM Rates	Encased Gear Cast iron PN 1.6 Flanged (500 mm size)	Each	91768
4.52.14	OEM Rates	Encased Gear Cast iron PN 1.6 Flanged (600 mm size)	Each	122186
4.52.15	OEM Rates	Encased Gear Cast iron PN 1.6 Flanged (700 mm size)	Each	153864

CI Dual Plate Check Valve

DJB Item Code	SOR Reference	Description	Unit	PN 1.0	PN 1.6
4.53.1	OEM Rates	Cast Iron Flange end Dual Plate Check Valve as per API: 594 & Flange as per ISS (50 mm size)	Each	2899	3189
4.53.2	OEM Rates	Cast Iron Flange end Dual Plate Check Valve as per API: 594 & Flange as per ISS (65 mm size)	Each	3082	3391
4.53.3	OEM Rates	Cast Iron Flange end Dual Plate Check Valve as per API: 594 & Flange as per ISS (80 mm size)	Each	3227	3550
4.53.4	OEM Rates	Cast Iron Flange end Dual Plate Check Valve as per API: 594 & Flange as per ISS (100 mm size)	Each	3738	4112
4.53.5	OEM Rates	Cast Iron Flange end Dual Plate Check Valve as per API: 594 & Flange as per ISS (125 mm size)	Each	4995	5495
4.53.6	OEM Rates	Cast Iron Flange end Dual Plate Check Valve as per API: 594 & Flange as per ISS (150 mm size)	Each	6509	7160
4.53.7	OEM Rates	Cast Iron Flange end Dual Plate Check Valve as per API: 594 & Flange as per ISS (200 mm size)	Each	11742	12916
4.53.8	OEM Rates	Cast Iron Flange end Dual Plate Check Valve as per API: 594 & Flange as per ISS (250 mm size)	Each	17960	19756
4.53.9	OEM Rates	Cast Iron Flange end Dual Plate Check Valve as per API: 594 & Flange as per ISS (300 mm size)	Each	23684	26053
4.53.10	OEM Rates	Cast Iron Flange end Dual Plate Check Valve as per API: 594 & Flange as per ISS (350 mm size)	Each	32235	37070
4.53.11	OEM Rates	Cast Iron Flange end Dual Plate Check Valve as per API: 594 & Flange as per ISS (400 mm size)	Each	45764	52629
4.53.12	OEM Rates	Cast Iron Flange end Dual Plate Check Valve as per API: 594 & Flange as per ISS (450 mm size)	Each	54935	63175
4.53.13	OEM Rates	Cast Iron Flange end Dual Plate Check Valve as per API: 594 & Flange as per ISS (500 mm size)	Each	63431	72946
4.53.14	OEM	Cast Iron Flange end Dual Plate Check Valve as per	Each	72419	83282

	Rates	API: 594 & Flange as per ISS (600 mm size)			
4.53.15	OEM Rates	Cast Iron Flange end Dual Plate Check Valve as per API: 594 & Flange as per ISS (700 mm size)	Each	104837	120562
4.53.16	OEM Rates	Cast Iron Flange end Dual Plate Check Valve as per API: 594 & Flange as per ISS (750 mm size)	Each	118074	135784
4.53.17	OEM Rates	Cast Iron Flange end Dual Plate Check Valve as per API: 594 & Flange as per ISS (800 mm size)	Each	131038	150693
4.53.18	OEM Rates	Cast Iron Flange end Dual Plate Check Valve as per API: 594 & Flange as per ISS (900 mm size)	Each	182143	209465
4.53.19	OEM Rates	Cast Iron Flange end Dual Plate Check Valve as per API: 594 & Flange as per ISS (1000 mm size)	Each	234032	269137
4.53.20	OEM Rates	Cast Iron Flange end Dual Plate Check Valve as per API: 594 & Flange as per ISS (1100 mm size)	Each	296734	341244
4.53.21	OEM Rates	Cast Iron Flange end Dual Plate Check Valve as per API: 594 & Flange as per ISS (1200 mm size)	Each	421171	484347
4.53.22	OEM Rates	Cast Iron Flange end Dual Plate Check Valve as per API: 594 & Flange as per ISS (1300 mm size)	Each	555180	638456
4.53.23	OEM Rates	Cast Iron Flange end Dual Plate Check Valve as per API: 594 & Flange as per ISS (1400 mm size)	Each	747533	859663
4.53.24	OEM Rates	Cast Iron Flange end Dual Plate Check Valve as per API: 594 & Flange as per ISS (1500 mm size)	Each	911625	1048369
		DI Dual Plate Check Valve			
DJB Item Code	SOR Reference	Description	Unit	PN 1.0	PN 1.6
4.54.1	OEM Rates	Ductile Iron Flange end Dual Plate Check Valve as per API: 594 & Flange as per ISS (50 mm size)	Each	3391	3731
4.54.2	OEM Rates	Ductile Iron Flange end Dual Plate Check Valve as per API: 594 & Flange as per ISS (65 mm size)	Each	3573	3930
4.54.3	OEM Rates	Ductile Iron Flange end Dual Plate Check Valve as per API: 594 & Flange as per ISS (80 mm size)	Each	3752	4127
4.54.4	OEM Rates	Ductile Iron Flange end Dual Plate Check Valve as per API: 594 & Flange as per ISS (100 mm size)	Each	5092	5602
4.54.5	OEM Rates	Ductile Iron Flange end Dual Plate Check Valve as per API: 594 & Flange as per ISS (125 mm size)	Each	6759	7435
4.54.6	OEM Rates	Ductile Iron Flange end Dual Plate Check Valve as per API: 594 & Flange as per ISS (150 mm size)	Each	8921	9813
4.54.7	OEM Rates	Ductile Iron Flange end Dual Plate Check Valve as per API: 594 & Flange as per ISS (200 mm size)	Each	1845	20301
4.54.8	OEM Rates	Ductile Iron Flange end Dual Plate Check Valve as per API: 594 & Flange as per ISS (250 mm size)	Each	28142	30956
4.54.9	OEM Rates	Ductile Iron Flange end Dual Plate Check Valve as per API: 594 & Flange as per ISS (300 mm size)	Each	36680	40348
4.54.10	OEM Rates	Ductile Iron Flange end Dual Plate Check Valve as per API: 594 & Flange as per ISS (350 mm size)	Each	48187	55416
4.54.11	OEM Rates	Ductile Iron Flange end Dual Plate Check Valve as per API: 594 & Flange as per ISS (400 mm size)	Each	71216	81898
4.54.12	OEM Rates	Ductile Iron Flange end Dual Plate Check Valve as per API: 594 & Flange as per ISS (450 mm size)	Each	84119	96737
4.54.13	OEM Rates	Ductile Iron Flange end Dual Plate Check Valve as per API: 594 & Flange as per ISS (500mm size)	Each	94304	108450
4.54.14	OEM Rates	Ductile Iron Flange end Dual Plate Check Valve as per API: 594 & Flange as per ISS (600 mm size)	Each	110193	126722
4.54.15	OEM Rates	Ductile Iron Flange end Dual Plate Check Valve as per API: 594 & Flange as per ISS (700 mm size)	Each	156714	180220

4.54.16	OEM Rates	Ductile Iron Flange end Dual Plate Check Valve as per API: 594 & Flange as per ISS (750 mm size)	Each	176126	202546
4.54.17	OEM Rates	Ductile Iron Flange end Dual Plate Check Valve as per API: 594 & Flange as per ISS (800 mm size)	Each	201932	232223
4.54.18	OEM Rates	Ductile Iron Flange end Dual Plate Check Valve as per API: 594 & Flange as per ISS (900 mm size)	Each	269607	310049
4.54.19	OEM Rates	Ductile Iron Flange end Dual Plate Check Valve as per API: 594 & Flange as per ISS (1000 mm size)	Each	343369	394875
4.54.20	OEM Rates	Ductile Iron Flange end Dual Plate Check Valve as per API: 594 & Flange as per ISS (1100 mm size)	Each	470946	541588
4.54.21	OEM Rates	Ductile Iron Flange end Dual Plate Check Valve as per API: 594 & Flange as per ISS (1200 mm size)	Each	555180	638456
4.54.22	OEM Rates	Ductile Iron Flange end Dual Plate Check Valve as per API: 594 & Flange as per ISS (1300 mm size)	Each	638138	733859
4.54.23	OEM Rates	Ductile Iron Flange end Dual Plate Check Valve as per API: 594 & Flange as per ISS (1400 mm size)	Each	820463	943532
4.54.24	OEM Rates	Ductile Iron Flange end Dual Plate Check Valve as per API: 594 & Flange as per ISS (1500 mm size)	Each	957206	1100787

Cast Iron DF Swing Type Check Valve/Non Return Valve

DJB Item Code	SOR Reference	Description	Unit	PN 1.0 (CI)	PN 1.6 (DI)	PN 2.0 (DI)
4.55.1	OEM Rates	Cast Iron DF Swing Type Check Valve/Non Return Valve as per IS: 5312 Pt-1 single door check valve (40 mm size)	Each	3146	3460	3806
4.55.2	OEM Rates	Cast Iron DF Swing Type Check Valve/Non Return Valve as per IS: 5312 Pt-1 single door check valve (50 mm size)	Each	3431	3774	4151
4.55.3	OEM Rates	Cast Iron DF Swing Type Check Valve/Non Return Valve as per IS: 5312 Pt-1 single door check valve (65 mm size)	Each	4003	4404	4844
4.55.4	OEM Rates	Cast Iron DF Swing Type Check Valve/Non Return Valve as per IS: 5312 Pt-1 single door check valve (80 mm size)	Each	4671	5137	5651
4.55.5	OEM Rates	Cast Iron DF Swing Type Check Valve/Non Return Valve as per IS: 5312 Pt-1 single door check valve (100 mm size)	Each	6100	6710	7381
4.55.6	OEM Rates	Cast Iron DF Swing Type Check Valve/Non Return Valve as per IS: 5312 Pt-1 single door check valve (125 mm size)	Each	7625	8387	9226
4.55.7	OEM Rates	Cast Iron DF Swing Type Check Valve/Non Return Valve as per IS: 5312 Pt-1 single door check valve (150 mm size)	Each	9721	10694	11763
4.55.8	OEM Rates	Cast Iron DF Swing Type Check Valve/Non Return Valve as per IS: 5312 Pt-1 single door check valve (200 mm size)	Each	18108	19920	21912
4.55.9	OEM Rates	Cast Iron DF Swing Type Check Valve/Non Return Valve as per IS: 5312 Pt-1 single door check valve (250 mm size)	Each	29545	32500	35750
4.55.10	OEM Rates	Cast Iron DF Swing Type Check Valve/Non Return Valve as per IS: 5312 Pt-1 single door check valve (300 mm size)	Each	37170	40887	44975
4.55.11	OEM Rates	Cast Iron DF Swing Type Check Valve/Non Return Valve as per IS: 5312 Pt-1 single door check valve (350 mm size)	Each	60996	70145	77160

4.55.12	OEM Rates	Cast Iron DF Swing Type Check Valve/Non Return Valve as per IS: 5312 Pt-1 single door check valve (400 mm size)	Each	81964	94335	103684
4.55.13	OEM Rates	Cast Iron DF Swing Type Check Valve/Non Return Valve as per IS: 5312 Pt-1 single door check valve (450 mm size)	Each	104837	142006	156207
4.55.14	OEM Rates	Cast Iron DF Swing Type Check Valve/Non Return Valve as per IS: 5312 Pt-1 single door check valve (500 mm size)	Each	159162	191590	210749
4.55.15	OEM Rates	Cast Iron DF Swing Type Check Valve/Non Return Valve as per IS: 5312 Pt-1 single door check valve (600 mm size)	Each	276389	333572	366920
Ductile Iron DF Swing Type Check Valve/Non Return Valve						
DJB Item Code	SOR Reference	Description	Unit	PN 1.0	PN 1.6	PN 2.0
4.56.1	OEM Rates	Ductile Iron DF Swing Type Check Valve/Non Return Valve as per IS: 5312 Pt-1 single door check valve (40 mm size)	Each	4861	5347	5882
4.56.2	OEM Rates	Ductile Iron DF Swing Type Check Valve/Non Return Valve as per IS: 5312 Pt-1 single door check valve (50 mm size)	Each	5147	5662	6228
4.56.3	OEM Rates	Ductile Iron DF Swing Type Check Valve/Non Return Valve as per IS: 5312 Pt-1 single door check valve (65 mm size)	Each	6290	6920	7612
4.56.4	OEM Rates	Ductile Iron DF Swing Type Check Valve/Non Return Valve as per IS: 5312 Pt-1 single door check valve (80 mm size)	Each	7339	8073	8881
4.56.5	OEM Rates	Ductile Iron DF Swing Type Check Valve/Non Return Valve as per IS: 5312 Pt-1 single door check valve (100 mm size)	Each	9912	10903	11994
4.56.6	OEM Rates	Ductile Iron DF Swing Type Check Valve/Non Return Valve as per IS: 5312 Pt-1 single door check valve (125 mm size)	Each	14868	16355	17990
4.56.7	OEM Rates	Ductile Iron DF Swing Type Check Valve/Non Return Valve as per IS: 5312 Pt-1 single door check valve (150 mm size)	Each	15631	17193	18913
4.56.8	OEM Rates	Ductile Iron DF Swing Type Check Valve/Non Return Valve as per IS: 5312 Pt-1 single door check valve (200 mm size)	Each	30498	35548	36903
4.56.9	OEM Rates	Ductile Iron DF Swing Type Check Valve/Non Return Valve as per IS: 5312 Pt-1 single door check valve (250 mm size)	Each	42888	47147	51894
4.56.10	OEM Rates	Ductile Iron DF Swing Type Check Valve/Non Return Valve as per IS: 5312 Pt-1 single door check valve (300 mm size)	Each	62903	69193	76112
4.56.11	OEM Rates	Ductile Iron DF Swing Type Check Valve/Non Return Valve as per IS: 5312 Pt-1 single door check valve (350 mm size)	Each	81964	90160	99175
4.56.12	OEM Rates	Ductile Iron DF Swing Type Check Valve/Non Return Valve as per IS: 5312 Pt-1 single door	Each	110555	121611	133772

		check valve (400 mm size)				
4.56.13	OEM Rates	Ductile Iron DF Swing Type Check Valve/Non Return Valve as per IS: 5312 Pt-1 single door check valve (450 mm size)	Each	142066	156207	171828
4.56.14	OEM Rates	Ductile Iron DF Swing Type Check Valve/Non Return Valve as per IS: 5312 Pt-1 single door check valve (500 mm size)	Each	213486	234835	258318
4.56.15	OEM Rates	Ductile Iron DF Swing Type Check Valve/Non Return Valve as per IS: 5312 Pt-1 single door check valve (600 mm size)	Each	371695	408864	449750

Cast Iron /Ductile Iron DF Swing Type Check Valve/Non Return Valve

DJB Item Code	SOR Reference	Description	Unit	PN 1.0	PN 1.6	PN 2.0
4.57.1	OEM Rates	Cast Iron /Ductile Iron DF Swing Type Check Valve/Non Return Valve as per IS: 5312 (Part-2) Multi Door check valve (700 mm size)	Each	537859	845988	930587
4.57.2	OEM Rates	Cast Iron /Ductile Iron DF Swing Type Check Valve/Non Return Valve as per IS: 5312 (Part-2) Multi Door check valve (750 mm size)	Each	570677	896310	985941
4.57.3	OEM Rates	Cast Iron /Ductile Iron DF Swing Type Check Valve/Non Return Valve as per IS: 5312 (Part-2) Multi Door check valve (800 mm size)	Each	592556	929858	1022843
4.57.4	OEM Rates	Cast Iron /Ductile Iron DF Swing Type Check Valve/Non Return Valve as per IS: 5312 (Part-2) Multi Door check valve (900 mm size)	Each	833225	1298883	1428772
4.57.5	OEM Rates	Cast Iron /Ductile Iron DF Swing Type Check Valve/Non Return Valve as per IS: 5312 (Part-2) Multi Door check valve (1000 mm size)	Each	920741	1433075	1576382
4.57.6	OEM Rates	Cast Iron /Ductile Iron DF Swing Type Check Valve/Non Return Valve as per IS: 5312 (Part-2) Multi Door check valve (1100 mm size)	Each	1188759	1802100	1982311
4.57.7	OEM Rates	Cast Iron /Ductile Iron DF Swing Type Check Valve/Non Return Valve as per IS: 5312 (Part-2) Multi Door check valve (1200 mm size)	Each	1403903	2104031	2314434
4.57.8	OEM Rates	Cast Iron /Ductile Iron DF Swing Type Check Valve/Non Return Valve as per IS: 5312 (Part-2) Multi Door check valve (1300 mm size)	Each	1859715	2866149	3152764
4.57.9	OEM Rates	Cast Iron /Ductile Iron DF Swing Type Check Valve/Non Return Valve as per IS: 5312 (Part-2) Multi Door check valve (1400 mm size)	Each	2324644	3537105	3890816
4.57.10	OEM Rates	Cast Iron /Ductile Iron DF Swing Type Check Valve/Non Return Valve as per IS: 5312 (Part-2) Multi Door check valve (1500 mm size)	Each	3418594	5214495	5735945

CI Double Acting Kinetic Air Valve

DJB Item Code	SOR Reference	Description	Unit	PN 1.0 Rubber Ball	PN 1.6 Rubber Ball	PN 1.0-S.S 304 Ball	PN 1.6 S.S 304 Ball
4.58.1	OEM Rates	CI Double Acting Kinetic Air Valve as per IS: 14845 FIG DK Rubber Covered Wooden Ball with isolating Sluice Valve (DN-40 mm size)	Each	8500	9350	11900	13090
4.58.2	OEM Rates	CI Double Acting Kinetic Air Valve as per IS: 14845 FIG DK Rubber Covered Wooden Ball with isolating	Each	10200	11220	12750	14025

		Sluice Valve (DN-50 mm size)					
4.58.3	OEM Rates	CI Double Acting Kinetic Air Valve as per IS: 14845 FIG DK Rubber Covered Wooden Ball with isolating Sluice Valve (DN-80 mm size)	Each	12750	14025	15300	16830
4.58.4	OEM Rates	CI Double Acting Kinetic Air Valve as per IS: 14845 FIG DK Rubber Covered Wooden Ball with isolating Sluice Valve (DN-100 mm size)	Each	16150	17765	21250	23375
4.58.5	OEM Rates	CI Double Acting Kinetic Air Valve as per IS: 14845 FIG DK Rubber Covered Wooden Ball with isolating Sluice Valve (DN-150 mm size)	Each	27200	29920	3400	37400
4.58.6	OEM Rates	CI Double Acting Kinetic Air Valve as per IS: 14845 FIG DK Rubber Covered Wooden Ball with isolating Sluice Valve (DN-200 mm size)	Each	49300	54230	55250	60755

CI Single Acting Air Valve

DJB Item Code	SOR Reference	Description	Unit	PN 1.0 Rubber Ball	PN 1.6 Rubber Ball	PN 1.0-S.S 304 Ball	PN 1.6 S.S 304 Ball
4.59.1	OEM Rates	CI Single Acting Air Valve as per IS: 14845 FIG S-2 with isolating Valve (DN-25 mm size)	Each	2975	3273	3400	3740
4.59.2	OEM Rates	CI Single Acting Air Valve as per IS: 14845 FIG S-2 with isolating Valve (DN-40 mm size)	Each	4080	4488	4675	5100
4.59.3	OEM Rates	CI Single Acting Air Valve as per IS: 14845 FIG S-2 with isolating Valve (DN-50 mm size)	Each	5270	5797	5950	6545

CI Tamper Proof Air valve

DJB Item Code	SOR Reference	Description	Unit	PN 1.0	PN 1.6
4.60.1	OEM Rates	CI Tamper Proof Air valve with SS 304 Ball as per AWWA C-512 with Isolating Sluice Valve (DN-40 mm size)	Each	7650	8415
4.60.2	OEM Rates	CI Tamper Proof Air valve with SS 304 Ball as per AWWA C-512 with Isolating Sluice Valve (DN-50 mm size)	Each	8500	9350
4.60.3	OEM Rates	CI Tamper Proof Air valve with SS 304 Ball as per AWWA C-512 with Isolating Sluice Valve (DN-80 mm size)	Each	10200	11220
4.60.4	OEM Rates	CI Tamper Proof Air valve with SS 304 Ball as per AWWA C-512 with Isolating Sluice Valve (DN-100 mm size)	Each	12750	14025
4.60.5	OEM Rates	CI Tamper Proof Air valve with SS 304 Ball as per AWWA C-512 with Isolating Sluice Valve (DN-150 mm size)	Each	27200	29920
4.60.6	OEM	CI Tamper Proof Air valve with SS	Each	40800	44880

	Rates	304 Ball as per AWWA C-512 with Isolating Sluice Valve (DN-200 mm size)					
DI Tamper Proof Air valve							
DJB Item Code	SOR Reference	Description	Unit	PN 1.0	PN 1.6	PN 2.0	PN 2.5
4.61.1	OEM Rates	DI Tamper Proof Air valve with SS 304 Ball as per AWWA C-512 with Isolating Sluice Valve (DN-40 mm size)	Each	10625	11688	12856	15428
4.61.2	OEM Rates	DI Tamper Proof Air valve with SS 304 Ball as per AWWA C-512 with Isolating Sluice Valve (DN-50 mm size)	Each	12325	13558	14913	17896
4.61.3	OEM Rates	DI Tamper Proof Air valve with SS 304 Ball as per AWWA C-512 with Isolating Sluice Valve (DN-80 mm size)	Each	15725	17298	19027	22833
4.61.4	OEM Rates	DI Tamper Proof Air valve with SS 304 Ball as per AWWA C-512 with Isolating Sluice Valve (DN-100 mm size)	Each	23375	25713	28284	33941
4.61.5	OEM Rates	DI Tamper Proof Air valve with SS 304 Ball as per AWWA C-512 with Isolating Sluice Valve (DN-150 mm size)	Each	33150	36465	40112	48134
4.61.6	OEM Rates	DI Tamper Proof Air valve with SS 304 Ball as per AWWA C-512 with Isolating Sluice Valve (DN-200 mm size)	Each	55250	60775	66853	80223

CHAPTER – 5

BAR SCREENS

5 (a) Rates for ‘Jash’ Make Multirake Mechanical Coarse Bar Screens of average Bar Spacing 20mm:-
(Rates are inclusive of CP and exclusive of cartage & GST)

DJB Item Code	SOR Reference	Description	Unit	Rates Rs.		
				Upto 5000 mm	5000 mm – 10000 mm	10000 mm – 15000 mm
5.1.1	OEM Rates	Channel Depth				
5.1.2	OEM Rates	Channel Width				
5.1.3	OEM Rates	Upto 1000 mm	Each	28,40,000	35,25,000	44,20,000
5.1.4	OEM Rates	1000 mm – 1500 mm	Each	32,50,000	40,55,000	52,65,000
5.1.5	OEM Rates	1500 mm – 2000 mm	Each	37,50,000	46,90,000	62,25,000

5 (b) Rates for Mechanical Coarse & Fine Bar Screens with Control Panels of ‘Johnson’ make

(Rates are inclusive of CP and exclusive of cartage & GST)

DJB Item Code	SOR Reference	Description	Unit	Rates Rs.
5.2.1	OEM Rates	Johnson Screens COB-C* Cable Rake bar screen along with control panel, suitable for channel 1.5m wide X 1.5 M Liquid depth & 7.6m Channel depth , Bar Space-25mm	Each	3018958
5.2.2	OEM Rates	Johnson Screens KUR-D* Multirake bar screen along with control panel, suitable for channel 2.2m wide X 1.5M Liquid depth & 2.4m Channel depth , Bar Space-10mm	Each	3545068
5.2.3	OEM Rates	Johnson Screens Subo Mechanical Rotary Drum Screen along with control panel, suitable for channel 2.44m wide X 1.5M Liquid depth & 2.44m Channel depth, Bar Space-6mm	Each	5681000
5.2.4	OEM Rates	Johnson Screens KUR-D* MultiRake bar screen along with control panel, suitable for channel 1.225m wide X 1.875M Liquid depth & 8.05m Channel depth, Bar Space -20mm	Each	3299303

CHAPTER - 6

SLUICE GATE

6 (a) Rates for Supply of Bharat Industrial Corporation (BIC) make Sluice gates: -

(Rates are inclusive of CP and exclusive of cartage & GST)

DJB Item Code	SOR Reference	Description	Unit	Rates Rs.
6.1.1	OEM	Supply of manually operated C.I sluice gate of seating & unseating head, as per IS 13349 complete with all gear arrangement and S.S. 316 shaft etc. as per requirement: - MOC SHALL BE AS UNDER: - Wall thimble C.I FG 200 IS 210 Frame C.I FG 200 IS 210 Shutter & stiffeners C.I GF 200 IS 210 Seal retainer bar S.S 316 Wedges C.I. FG 200 IS 210 Fasteners S.S. 316 Rubber Seal EPDM rubber Spindle S.S. 316 Operating Nut Bronze Thrust Nut SS 316 Make – BIC Class – 3 Depth of installation 11 to 15 MTR (Consider approx)		
6.1.2	OEM	500 x 500 (WxH)	Each	329000
6.1.3	OEM	600 x 600	Each	364000
6.1.4	OEM	700 x 700	Each	434000
6.1.5	OEM	800 x 800	Each	504000
6.1.6	OEM	900 x 900	Each	574000
6.1.7	OEM	1000 x 1000	Each	714000
6.1.8	OEM	1100 x 1100	Each	805000
6.1.9	OEM	1200 x 1200	Each	910000
6.1.10	OEM	1300 x 1300	Each	945000
6.1.11	OEM	1400 x 1400	Each	1022000
6.1.12	OEM	1500 x 1500	Each	1120000
6.1.13	OEM	1600 x 1600	Each	1302000
6.1.14	OEM	1800 x 1800	Each	1540000
6.1.15	OEM	2000 x 2000	Each	1855000
6.1.16	OEM	2100 X 2100	Each	1995000
6.1.17	OEM	2200 X 2200	Each	2415000
6.1.18	OEM	2400 x 2400	Each	2835000
6.1.19	OEM	2500 X 2500	Each	3150000
6.1.20	OEM	1200 X 1000	Each	952000
6.1.21	OEM	1500 X 1200	Each	1085000
6.1.22	OEM	1800 X 900	Each	1225000

6.1.23	OEM	500 X 750	Each	434000
6.1.24	OEM	600 X 400	Each	364000
6.1.25	OEM	600X 750	Each	469000
6.1.26	OEM	750X 600	Each	504000
6.1.27	OEM	750 X 900	Each	546000
6.1.28	OEM	750 X 1100	Each	686000
6.1.29	OEM	900 X 600	Each	504000
6.1.30	OEM	900 X 1200	Each	784000
6.1.31	OEM	1000 X 1200	Each	924000
6.1.32	OEM	1000 X1500	Each	1022000
6.1.33	OEM	1200 X1500	Each	1085000
6.1.34	OEM	1200 X 1800	Each	1225000
6.1.35	OEM	1400 X 1000	Each	805000
6.1.36	OEM	1500 X1000	Each	903000
6.1.37	OEM	1500 X 1800	Each	1120000
6.1.38	OEM	1500 X 2000	Each	1330000
6.1.39	OEM	1600 X 1200	Each	1155000
6.1.40	OEM	1600 X 2000	Each	1435000
6.1.41	OEM	2250 X 2500	Each	3150000
6.1.42	OEM	2500 X2000	Each	3010000

6 (b) Rates for Oriental make manually operated CI Sluice Gates.

(Rates are inclusive of CP, cartage and exclusive of GST)

DJB Item Code	SOR Reference	Description	Unit	Rates Rs.		
6.2.1	OEM	Supply of manually operated C.I sluice gate of seating & unseating head, as per IS 13349 complete set with all gear arrangement and S.S. 316 shaft etc. as per requirement: - MOC SHALL BE AS UNDER: - Wall thimble C.I FG 200 IS 210 Frame C.I FG 200 IS 210 Shutter & stiffeners C.I GF 200 IS 210 Seal retainer bar S.S 316 Wedges C.I. FG 200 IS 210 Fasteners S.S. 316 Rubber Seal EPDM rubber Spindle S.S. 316 Operating Nut Bronze Thrust Nut SS 316 Make – Oriental Class – 3 Depth of installation 11 to 15 MTR (Consider approx)				
6.2.2	OEM RATES	500X500(WxH)	3	11TO15	Each	907500
6.2.3	OEM RATES	600x600	3	11TO15	Each	1028500
6.2.4	OEM RATES	700x700	3	11TO15	Each	1318900
6.2.5	OEM RATES	800x800	3	11TO15	Each	1585100
6.2.6	OEM RATES	900x900	3	11TO15	Each	1633500
6.2.7	OEM RATES	1000x1000	3	11TO15	Each	1754500
6.2.8	OEM RATES	1100x1100	3	11TO15	Each	1827100
6.2.9	OEM RATES	1200x1200	3	11TO15	Each	1936000
6.2.10	OEM RATES	1300x1300	3	11TO15	Each	2057000
6.2.11	OEM RATES	1400x1400	3	11TO15	Each	2238500
6.2.12	OEM RATES	1500x1500	3	11TO15	Each	2359500
6.2.13	OEM RATES	1600x1600	3	11TO15	Each	2432100
6.2.14	OEM	1800x1800	3	11TO15	Each	2722500

	RATES					
6.2.15	OEM RATES	2000x2000	3	11TO15	Each	3158100
6.2.16	OEM RATES	2100x2100	3	11TO15	Each	3932500
6.2.17	OEM RATES	2200x2200	3	11TO15	Each	4598000
6.2.7	OEM RATES	2400x2400	3	11TO15	Each	4779500
6.2.19	OEM RATES	2500x2500	3	11TO15	Each	5094100
6.2.20	OEM RATES	1200X1000	3	11TO15	Each	1875500
6.2.21	OEM RATES	1500X1200	3	11TO15	Each	2069100
6.2.22	OEM RATES	1800X900	3	11TO15	Each	2722500
6.2.23	OEM RATES	500X750	3	11TO15	Each	919600
6.2.24	OEM RATES	600X400	3	11TO15	Each	786500
6.2.25	OEM RATES	600X750	3	11TO15	Each	931700
6.2.26	OEM RATES	750X600	3	11TO15	Each	931700
6.2.27	OEM RATES	750X900	3	11TO15	Each	1391500
6.2.28	OEM RATES	750X1100	3	11TO15	Each	1657700
6.2.29	OEM RATES	900X600	3	11TO15	Each	1294700
6.2.30	OEM RATES	900X1200	3	11TO15	Each	1706100
6.2.31	OEM RATES	1000X1200	3	11TO15	Each	1839200
6.2.32	OEM RATES	1000X1500	3	11TO15	Each	199650
6.2.33	OEM RATES	1200X1500	3	11TO15	Each	2069100
6.2.34	OEM RATES	1200X1800	3	11TO15	Each	2589400
6.2.35	OEM RATES	1400X1000	3	11TO15	Each	1948100
6.2.36	OEM RATES	1500X1000	3	11TO15	Each	2008600
6.2.37	OEM RATES	1500X1800	3	11TO15	Each	2238500
6.2.27	OEM RATES	1500X2000	3	11TO15	Each	2553100

6.2.28	OEM RATES	1600X1200	3	11TO15	Each	2117500
6.2.29	OEM RATES	1600X2000	3	11TO15	Each	2589400
6.2.41	OEM RATES	2250X2500	3	11TO15	Each	4731100
6.2.42	OEM RATES	2500X2000	3	11TO15	Each	4900500

1. *The cost for class- II sluice gate shall be applicable @2% (two percentages) lower than above quoted Rates Rs.s of class 3.*
2. *The cost for class - I sluice gate shall be applicable @5% (Five percentages) lower than above quoted Rates Rs.s of class 3.*
3. *Erection charges for new SPS/STP shall be @20% of above cost & cost for electrical actuators will be @ 30% of above cost of manually operated sluice gates.*



6 (c) Rates for 'JASH MAKE' Sluice Gates
(Rates are inclusive of CP & Exclusive of Cartage & GST)

DJB Item Code	SOR Reference	Description (Gate Size)	Unit	Rates Rs.
6.3.1	OEM	Supply of manually operated C.I sluice gate of seating & unseating head, as per IS 13349 complete with all gear arrangement and S.S. 316 shaft etc. as per requirement: - MOC SHALL BE AS UNDER: - Wall thimble C.I FG 200 IS 210 Frame C.I FG 200 IS 210 Shutter & stiffeners C.I GF 200 IS 210 Seal retainer bar S.S 316 Wedges C.I. FG 200 IS 210 Fasteners S.S. 316 Rubber Seal EPDM rubber Spindle S.S. 316 Operating Nut Bronze Thrust Nut SS 316 Make – JASH Class – 2 Depth of installation 7 to 8 MTR (Consider approx)		
6.3.2	OEM Rates	500x500 (WxH)	Each	410000
6.3.3	OEM Rates	800x800	Each	540000
6.3.4	OEM Rates	1000x1000	Each	625000
6.3.5	OEM Rates	1100x1100	Each	710000
6.3.6	OEM Rates	1200x1200	Each	775000
6.3.7	OEM Rates	1500x1500	Each	955000
6.3.8	OEM Rates	1800x1800	Each	1420000
6.3.9	OEM Rates	2000x2000	Each	1785000

CHAPTER-7

EOT CRANE / HOISTS

7 (a) RATES FOR 'WESTER' MAKE EOT CRANES:-

(Rates are inclusive of CP & cartage and exclusive of GST)

DJB Item Code	SOR Reference	Description	Unit	Capacity	Lift	Span	Rates Rs.
7.1.1	OEM Rates	Supply /Installation / Testing & Commissioning of 1 Ton EOT Crane (Single Girder)	Each	1 Ton	Upto 6m	Upto 6 m	312300
DJB Item Code	SOR Reference	Description			Unit	Rates Rs.	
Rates for Single Girder EOT Span (details)							
7.2.1	OEM Rates	6-9 meters			Each	346500	
7.2.2	OEM Rates	9-12 meters			Each	381600	
7.2.3	OEM Rates	12-15 meters			Each	450000	
7.2.4	OEM Rates	15-18 meters			Each	513000	
7.2.5	OEM Rates	18-20 meters			Each	589500	

DJB Item Code	SOR Reference	Description	Unit	Capacity	Lift	Span	Rates Rs.
7.3.1	OEM Rates	Supply /Installation / Testing & Commissioning of 2 Ton EOT Crane (Single Girder)	Each	2 Ton	Upto 6m	Upto 6 m	391500
DJB Item Code	SOR Reference	Description			Unit	Rates Rs.	
Rates for Single Girder EOT Span (details)							
7.4.1	OEM Rates	6-9 meters			Each	427500	
7.4.2	OEM Rates	9-12 meters			Each	472500	
7.4.3	OEM Rates	12-15 meters			Each	544500	
7.4.4	OEM Rates	15-18 meters			Each	603000	
7.4.5	OEM Rates	18-20 meters			Each	652500	

DJB Item Code	SOR Reference	Description	Unit	Capacity	Lift	Span	Rates Rs.
7.5.1	OEM Rates	Supply /Installation / Testing & Commissioning of 3 Ton EOT Crane (Single Girder)	Each	3 Ton	Upto 6m	Upto 6 m	598500
DJB Item Code	SOR Reference	Description			Unit	Rates Rs.	
Rates for Single Girder EOT Span (details)							
7.6.1	OEM Rates	6-9 meters			Each	625500	
7.6.2	OEM Rates	9-12 meters			Each	670500	
7.6.3	OEM Rates	12-15 meters			Each	715500	
7.6.4	OEM Rates	15-18 meters			Each	792000	
7.6.5	OEM Rates	18-20 meters			Each	891000	

DJB Item Code	SOR Reference	Description	Unit	Capacity	Lift	Span	Rates Rs.
7.7.1	OEM Rates	Supply /Installation / Testing & Commissioning of 5 Ton EOT Crane (Single Girder)	Each	5 Ton	Upto 6m	Upto 6m	697500
7.7.2	OEM Rates	5 ton EOT crane (Double Girder)					742500
DJB Item Code	SOR Reference	Description	Unit	Single Girder Rates Rs.		Double Girder Rates Rs.	
EOT Span (Details) :-							
7.8.1	OEM Rates	6-9 meters	Each	715500		796500	
7.8.2	OEM Rates	9-12 meters	Each	769500		868500	
7.8.3	OEM Rates	12-15 meters (Box Span)	Each	819000		936000	
7.8.4	OEM Rates	15-18 meters (Box Span)	Each	895500		1048500	
7.8.5	OEM Rates	18-20 meters (Box Span)	Each	981000		1219500	

DJB Item Code	SOR Reference	Description	Unit	Capacity	Lift	Span	Rates Rs.
7.9.1	OEM Rates	Supply /Installation / Testing & Commissioning of 7.5 Ton EOT Crane (Single Girder)	Each	7.5 Ton	Upto 6m	Upto 6m	967500
7.9.2		7.5 ton EOT crane (Double Girder)					1084500
DJB Item Code	SOR Reference	Description	Unit	Single Girder Rates Rs.		Double Girder Rates Rs.	
EOT Span (Details) :-							
7.10.1	OEM Rates	6-9 meters	Each	1039500		1156500	
7.10.2	OEM Rates	9-12 meters	Each	1147500		1255500	

7.10.3	OEM Rates	12-15 meters (Box Span)	Each	1219500	1338300
7.10.4	OEM Rates	15-18 meters (Box Span)	Each	1323000	1489500
7.10.5	OEM Rates	18-20 meters (Box Span)	Each	1435500	1660500

DJB Item Code	SOR Reference	Description	Unit	Capacity	Lift	Span	Rates Rs.
7.11.1	OEM Rates	Supply /Installation / Testing & Commissioning of 10 Ton EOT Crane (Single Girder)	Each	10 Ton	Upto 6 m	Upto 6 m	1489500.0
7.11.2	OEM Rates	10 ton EOT crane (Double Girder)					1624500
DJB Item Code	SOR Reference	Description	Unit	Single Girder Rates Rs.		Double Girder Rates Rs.	
EOT Span (Details) :-							
7.11.1	OEM Rates	6-9 meters	Each	1597500		1705500	
7.11.2	OEM Rates	9-12 meters	Each	1660500		1777500	
7.11.3	OEM Rates	12-15 meters (Box Span)	Each	1795500		1872000	
7.11.4	OEM Rates	15-18 meters (Box Span)	Each	1953000		2047500	
7.11.5	OEM Rates	18-20 meters (Box Span)	Each	2092500		2317500	

DJB Item Code	SOR Reference	Description	Unit	Capacity	Lift	Span	Rates Rs.
7.12.1	OEM Rates	Supply /Installation / Testing & Commissioning of 15 Ton EOT Crane	Each	15 Ton	Upto 6 m	Upto 6 m	1759500

		(Single Girder)					
7.12.2	OEM Rates	15 ton EOT crane (Double Girder)		15 Ton			2002500
DJB Item Code	SOR Reference	Description	Unit	Single Girder Rates Rs.		Double Girder Rates Rs.	
EOT Span (Details) :-							
7.13.1	OEM Rates	6-9 meters	Each	1867500		2119500	
7.13.2	OEM Rates	9-12 meters	Each	2002500		2227500	
7.13.3	OEM Rates	12-15 meters (Box Span)	Each	2146500		2328300	
7.13.4	OEM Rates	15-18 meters (Box Span)	Each	2313000		2479500	
7.13.5	OEM Rates	18-20 meters (Box Span)	Each	2452500		2650500	

DJB Item Code	SOR Reference	Description	Unit	Capacity	Lift	Span	Rates Rs.
7.14.1	OEM Rates	Supply /Installation / Testing & Commissioning of 20 Ton EOT Crane (Single Girder)	Each	20 Ton	Upto 6 m	Upto 6 m	2335500
7.14.1	OEM Rates	20 ton EOT crane (Double Girder)		20 Ton			2569500
DJB Item Code	SOR Reference	Description	Unit	Single Girder Rates Rs.		Double Girder Rates Rs.	
EOT Span (Details) :-							
7.15.1	OEM Rates	6-9 meters	Each	2515500		2673000	
7.15.2	OEM Rates	9-12 meters	Each	2686500		2835000	
7.15.3	OEM Rates	12-15 meters (Box Span)	Each	2857500		3010500	
7.15.4	OEM	15-18 meters (Box	Each	3042000		3199500	

7 (b) RATES FOR W.H. BRADY & CO. LTD. CRANES & HOIST

(Rates are inclusive of CP, cartage and exclusive of GST)

DJB Item Code	SOR Reference	Description	Unit	Rates Rs.
Rates for SG HOT Crane				
7.16.1	OEM Rates	2T HOT, Span 10 mtr Lift 12 M	Each	594938
7.16.2	OEM Rates	3T HOT, Span 10 mtr Lift 12 M	Each	761188
7.16.3	OEM Rates	5T HOT, Span 10 mtr Lift 12 M	Each	974938
Rates for SG EOT Crane				
7.17.1	OEM Rates	2T EOT, Span 10 mtr Single Girder Lift 12 M	Each	1177050
7.17.2	OEM Rates	3T EOT, Span 10 mtr Single Girder Lift 12 M	Each	1259938
7.17.3	OEM Rates	5T EOT, Span 10 mtr Single Girder Lift 12 M	Each	1616663
Rates for DG EOT Crane				
7.18.1	OEM Rates	2T DG EOT Span 10mtr lift 12 M	Each	1508688
7.18.2	OEM Rates	3T DG EOT Span 10mtr lift 12 M	Each	2090475
7.18.3	OEM Rates	5T DG EOT Span 10mtr lift 12 M	Each	3374638
	Rates	Span)		
7.15.5	OEM Rates	18-20 meters (Box Span)	Each	3289500
				3465000

Rates for Electric Wire Rope Hoist With Power Trolley
(Rates are inclusive of CP, cartage and exclusive of GST)

DJB Item Code	SOR Reference	Description	Unit	Rates Rs.
7.19.1	OEM Rates	MORRIS Make 1T x 6m lift, Electric Wire Rope Hoist.	Each	375250
7.19.2	OEM Rates	MORRIS Make 2T x 6m lift, Electric Wire Rope Hoist.	Each	427500
7.19.3	OEM Rates	MORRIS Make 3T x 6m lift, Electric Wire Rope Hoist.	Each	510025
7.19.4	OEM Rates	MORRIS Make 5T x 6m lift, Electric Wire Rope Hoist.	Each	693500
7.19.5	OEM Rates	MORRIS Make 7.5T x 6m lift, Electric Wire Rope Hoist.	Each	914375
7.19.6	OEM Rates	MORRIS Make 10T x 6m lift, Electric Wire Rope Hoist.	Each	978500
Rates for Manual Hoist Chain Pulley Block				
DJB Item Code	SOR Reference	Description	Unit	Rates Rs.
7.20.1	OEM Rates	MORRIS Make 1T x 3m lift, Chain Pulley Block (ES Model).	Each	52250
7.20.2	OEM Rates	MORRIS Make 2T x 3m lift, Chain Pulley Block (ES Model).	Each	89775
7.20.3	OEM Rates	MORRIS Make 3T x 3m lift, Chain Pulley Block (ES Model).	Each	102125
7.20.4	OEM Rates	MORRIS Make 5T x 3m lift, Chain Pulley Block (ES Model).	Each	137750
7.20.5	OEM Rates	MORRIS Make 7.5T x 3m lift, Chain Pulley Block (ES Model).	Each	230375
7.20.6	OEM Rates	MORRIS Make 10T x 3m lift, Chain Pulley Block (ES Model).	Each	254125

7 (c)

Rates for 'REVA MAKE' EOT CRANES

(Rates are inclusive of CP and exclusive of Cartage & GST)

DJB Item Code	SOR Reference	Description	Unit	Capacity (T)	Height of Lift (M)	Travel Length (M)	Rates Rs.
7.21.1	OEM Rates	Supply of S/G EOT Crane	Each	3	8	15	8,25,716
7.21.2	OEM Rates		Each	5	8	15	8,95,342
7.21.3	OEM Rates		Each	2	8	15	7,56,371
7.21.4	OEM Rates	Supply of Electric Wire Rope Hoist	Each	3	8	15	3,26,238
7.21.5	OEM Rates		Each	5	8	15	3,70,881
7.21.6	OEM Rates		Each	2	8	15	2,72,055

CHAPTER - 8

TRANSFORMERS

8 (a) Rates for supply of “CG Power and Industrial Solutions Ltd.” make Transformers: -

(Rates are inclusive of CP and exclusive of cartage and GST)

DJB Item Code	SOR Reference	Description	Unit	Rates Rs.	
				Indoor, CRT dry type, off load tap link (OCTL)	Outdoor, oil cooled type off load tap changer (OCTC)
8.1.1		Up to 11 KV (3.3 KV, 6.6 KV)			
8.1.2	OEM	250 KVA	Each	Deleted	Deleted
8.1.3	OEM	315 KVA	Each		
8.1.4	OEM	400 KVA	Each		
8.1.5	OEM	500 KVA	Each		
8.1.6	OEM	630 KVA	Each		
8.1.7	OEM	750 KVA	Each		
8.1.8	OEM	800 KVA	Each		
8.1.9	OEM	1000 KVA	Each		
8.1.10	OEM	1250 KVA	Each		
8.1.11	OEM	1600 KVA	Each		
8.1.12	OEM	2000 KVA	Each		
8.1.13	OEM	2500 KVA	Each		
8.1.14	OEM	3000 KVA	Each		
8.1.15	OEM	3150 KVA	Each		

CHAPTER- 9

HT PANELS

9(a) Rates for supply of ABB make ,Indoor 11kv/3.3kv HT Panel,3-Phase,350MVA rupturing Capacity, HT VCB type switchgear of Current rating upto 800A				
(Rates are inclusive of CP, cartage and exclusive of GST)				
DJB Item Code	SOR Reference	Description	Unit	Rates Rs.
9.1.1	OEM Rates	IEC Metal Enclosed Indoor Switchgear Supply of upto 12kV, LeanGear ZN1, Aluminium Busbar, Upto 800A, 18.4kA/3 sec, 40 Digree ambient, Operating hight<=1000 meters, 1 Incomer cum outgoing single panel HT Board	Each	970000
9.1.2	OEM Rates	IEC Metal Enclosed Indoor Switchgear Supply of upto 12kV, LeanGear ZN1, Aluminium Busbar, Upto 800A, 18.4kA/3 sec, 40 Digree ambient, Operating hight<=1000 meters, 3 panel HT Board	Each	2200000
9.1.3	OEM Rates	IEC Metal Enclosed Indoor Switchgear Supply of upto 12kV, LeanGear ZN1, Aluminium Busbar, Upto 800A, 18.4kA/3 sec, 40 Digree ambient, Operating hight<=1000 meters, 5 panel HT Board	Each	3650000
9.1.4	OEM Rates	IEC Metal Enclosed Indoor Switchgear Supply of upto 12kV, LeanGear ZN1, Aluminium Busbar, Upto 800A, 18.4kA/3 sec, 40 Digree ambient, Operating hight<=1000 meters, 7 panel HT Board	Each	5080000
9.1.5	OEM Rates	IEC Metal Enclosed Indoor Switchgear Supply of upto 12kV, LeanGear ZN1, Aluminium Busbar, Upto 800A, 18.4kA/3 sec, 40 Digree ambient, Operating hight<=1000 meters, 10 panel HT Board	Each	7200000
9.1.6	OEM Rates	IEC Metal Enclosed Indoor Switchgear Supply of upto 12kV, LeanGear ZN1, Aluminium Busbar, Upto 800A, 18.4kA/3 sec, 40 Digree ambient, Operating hight<=1000 meters, 13 panel HT Board	Each	9330000

9(b) Rates for supply of “CG Power and Industrial Solutions Ltd.” Make HT Panels:-

(Rates are inclusive of CP and exclusive of cartage and GST)

Supply of 400A, 360A, 800A-11KV/3.3KV, 3 phase, 315 MVA HT (vacuum circuit breaker) switchgear with all necessary protection, metering indication and other accessories as required :-

DJB Item Code	SOR Reference	Description	Unit	Rates Rs.
9.2.1	OEM Rates	1 Panel Board	Each	446000
9.2.2	OEM Rates	3 Panel Board	Each	1176000
9.2.3	OEM Rates	5 Panel Board	Each	1779000
9.2.4	OEM Rates	7 Panel Board	Each	2362000
9.2.5	OEM Rates	10 Panel Board	Each	3327000
9.2.6	OEM Rates	13 Panel Board	Each	4263000

CHAPTER-10

LT PANELS

10 (a) Rates for ABB Make LT Panels:- (Rates are inclusive of CP and exclusive of cartage and GST)				
DJB Item Code	SOR Reference	Description	Unit	Rates Rs.
10.1.1	OEM Rates	Main LT Panel - 1		
		Incomer		
		Based (O\C,S\C&E\F) RELEASE with 6N0+6NC Aux. Contact - ABB - 1 Nos.	Eac h	553770
		Under Voltage release for ACB - ABB -1 Nos.		
		3-Phase Digital Multifunction Meter ,CL-1.0, 96x96sq.mm.- Conzery/L&T -1 Nos.		
		3-Phase Digital Voltmeter 0-SOOV ,CL-1.0, 96x96sq.mm. - Conzery/L&T -1 Nos.		
		3-Phase Digital Ammeter 0-2000A ,CL-1.0, 96x96sq.mm. - Conzery/L&T -1 Nos.		
		CT For meter Resin Cast CL-1 2000A/5A,15VA- AE -3 Nos.		
		CT For meter Resin Cast CL-1 2000A/SA,15VA for APFC Relay- AE -3 Nos.		
		Phase indication light LED type 220V AC- L&T-Esbee/Vaishno 1 Set		
		Control MCB SP 6A ,10KA- ABB -3 Nos.		
		CT Shorting Terminal- C.Well/Elmex - 4 Nos.		
		Neutral Link- Reputed - 1 Nos.		
		Outgoing Section		
		1x630A MCCB O/G Feeder		
		630A,36KA TP, MCCB with Thermal Magnetic Release Based (O\C,S\C) RELEASE - ABB -1 Nos.		
		Spreader Links & Extended ROH for 630J,36KA TP, MCCB ABB -1 Nos.		
		2x400A MCCB O/G Feeder		
		400A,36KA TP, MCCB with Thermal Magnetic Release Based (O\C,S\C) RELEASE - ABB -2 Nos.		
		Spreader Links & Extended ROH for '100A,36KA TP, MCCB - ABB - 2 Nos.		
		2x250A MCCB O/G Feeder		
		250A,36KA TP, MCCB with Thermal Magnetic Release Based (O\C,S\C) RELEASE - ABB -2 Nos.		
		Spreader Links & Extended ROH for 250A,36KA TP, MCCB		
1x100A MCCB O/G Feeder				

		100A,36KA TP, MCCB with Thermal Magnetic Release Based (O\C,S\C) RELEASE - ABB -1 Nos.		
		Spreader Links & Extended ROH for 100A,36KA TP, MCCB - ABB - 1 Nos.		
Main LT Panel-2				
DJB Item Code	SOR Reference	Description	Unit	Rates Rs.
10.1.2		Incomer		
	OEM Rates	1000A, SOKA FP, ACB MOO with Microprocessor Release Based (O\C,S\C&E\F) RELEASE with 6N0+6NC Aux. Contact - ABB - 1 Nos.	Each	419490
		Under Voltage release for ACB - ABB - 1 Nos.		
		3-Phase Digital Multifunction Meter ,CL-1.0, 96x96sq.mm. - Conzerv / L&T - 1 Nos.		
		3-Phase Digital Voltmeter 0-500V ,CL-1.0, 96x96sq.mm. - Conzerv / L&T - 1 Nos.		
		3-Phase Digital Ammeter 0-1000A ,CL-1.0, 96x96sq.mm. - Conzerv / L&T - 1 Nos.		
		CT For meter Resin CastCL-11000A/ 5A,15VA - AE - 3 Nos.		
		CT For meter Resin CastCL-11000A/5A,15VA for A PFC Relay- AE - 1 Nos.		
		Phase indication light LED type 220V AC - L&T - Esbee / Vaishno - 1 Set.		
		Control MCB SP GA ,10KA - ABB - 3 Nos.		
		CT Shorting Terminal -C.Well / Elmex - 4 Nos.		
		Neutral Link - Reputed - 1 Nos.		
		Outgoing Section -		
		1x630A MCCB O/G Feeder		
		630A,36KA TP,MCCB with Thermal Magnetic Release Based (O\C,S\C) RELEASE - ABB - 1 Nos.		
		Spreader Links & Extended ROH for 630A,36KA TP, MCCB - ABB - 1 Nos.		
		2x400A MCCB O/G Feeder		
		400A,36KA TP, MCCB with Thermal Magnetic Release Based (O\C,S\C) RELEASE - ABB - 2 Nos.		
		Spreader Links & Extended ROH for 400A,36KA TP, MCCB - ABB - 2 Nos.		
		2x250A MCCB O/G Feeder		

		250A,36KA TP, MCCB with Thermal Magnetic Release Based (O\C,S\C) RELEASE - ABB - 2 Nos.		
		Spreader Links & Extended ROH for 250A,36KA TP, MCCB - ABB - 2 Nos.		
		1x100A MCCB O/G Feeder		
		100A,36KA TP, MCCB with Thermal Magnetic Release Based (O\C,S\C) RELEASE - ABB - 1 Nos.		
		Spreader Links & Extended ROH for 100A,36KA TP, MCCB - ABB - 1 Nos.		
Main LT Panel-3				
DJB Item Code	SOR Reference	Description	Unit	Rates Rs.
		Incomer		
10.1.3	OEM Rates	630A,36KA FP, MCCB with Thermal Magnetic Release Based (O\C,S\C) RELEASE - ABB-1 Nos.	Each	289080
		Spreader Links & Extended ROH for 630A.36KA FP, MCCB - ABB-1 Nos.		
		3-Phase Digital Multifunction Meter ,CL-1.0, 96x96sq.mm. - Conzerv/L&T -1 Nos.		
		3-Phase Digital Voltmeter 0-SOOV ,CL-1.0, 96x96sq.mm . - Conzerv/L&T -1 Nos.		
		3-Phase Digital Ammeter 0-600A ,CL-1.0, 96x96sq.mm. - Conzerv/L&T -1 Nos.		
		CT For meter Resin Cast CL-1600A/5A,15VA - AE - 3 Nos.		
		CT For meter Resin Cast CL-1600A/SA,15VA for APFC Relay - AE - 1 Nos.		
		Phase indication light LED type 220V AC - L&T - Esbee / Vaishno - 1 Set.		
		Control MCB SP 6A ,10KA - AE - 3 Nos.		
		CT Shorting Terminal - C.Well / Elmex - 4 Nos.		
		Neutral Link - Reputed 1 Nos.		
		Outgoing Section-		
		1x250A MCCB O/ G Feeder		
		250A,25KA TP, MCCB with Thermal Magnetic Release Based (O\C,S\C) RELEASE - ABB-1 Nos.		
		Spreader Links & Extended ROH for 250A,25KA TP, MCCB - ABB-1 Nos.		

	3x100A MCCB O/G Feeder	
	100A,25KA TP, MCCB with Thermal Magnetic Release Based (O\C,S\C) RELEASE - ABB-3 Nos.	
	Spreader Links & Extended ROH for 100A,25KA TP, MCCB - ABB -3 Nos.	
	6x63A MCCB O/G Feeder	
	63A,25KA TP, MCCB with Thermal Magnetic Release Based (O\C,S\C) RELEASE - ABB-6 Nos.	
	Extended ROH for 63A,25KA TP, MCCB - ABB-6 Nos.	
	Terminal 63A - C.Well / Elmex - 24 Nos.	
	4x40A MCCB O/G Feeder	
	40A,25KA TP, MCCB with Thermal Magnetic Release Based (O\C,S\C) RELEASE - ABB - 4 Nos.	
	Extended ROH for 40A.25KA TP, MCCB - ABB - 4 Nos.	
	Terminal 40A C.Well / Elmex - 16 Nos.	

DJB Item Code	SOR Reference	Main LT Panel 4		Unit	Rates Rs.
		Description			
10.1.4	OEM Rate	Incomer -		Each	177750
		400A,36KA FP, MCCB with Thermal Magnetic Release Based (O\C,S\C) RELEASE - ABB - 1 Nos.			
		Spreader Links & Extended ROH for 400A,36KA FP, MCCB - ABB - 1 Nos			
		3-Phase Digital Multifunction Meter ,CL-1.0, 96x96sq.mm. - Konzerv / L&T - 1 Nos			
		3-Phase Digital Voltmeter 0-500V ,CL-1.0, 96x96sq.mm. - Konzerv / L&T - 1 Nos			
		3-Phase Digital Ammeter 0-400A ,CL-1.0, 96x96sq.mm. - Konzerv / L&T - 1 Nos			
		CT For meter Resin Cast CL-1400A/5A,15VA - AE - 3 Nos			
		CT For meter Resin Cast CL-1400A/5A,15VA for APFC Relay - AE - 1 Nos			
		Phase indication light LED type 220V AC - L&T - Esbee / Vaishno - 1 Set			
		Control MCB SP 6A ,10KA ABB - 3 Nos			
		CT Shorting Terminal - C.Well / Elmex - 4 Nos			
		Neutral Link - Reputed - 1 - Nos.			
		Outgoing Section			

	1x250A MCCB O/G Feeder		
	250A,25KA TP, MCCB with Thermal Magnetic Release Based (O/C,S/C) RELEASE - ABB - 1 Nos.		
	Spreader Links & Extended ROH for 250A,25KA TP, MCCB - ABB - 1 Nos.		
	3x100A MCCB O/G Feeder		
	100A,25KA TP, MCCB with Thermal Magnetic Release Based (O/C,S/C) RELEASE - ABB - 3 Nos.		
	Spreader Links & Extended ROH for 100A,25KA TP, MCCB - ABB - 3 Nos.		
	6x63A MCB O/G Feeder		
	63A TPN MCB 10KA - ABB - 6 Nos.		
	Terminal 63A -C.Well / Elmex - 24 Nos.		
	4x32A MCB O/G Feeder		
	32A TPN MCB 10 KA - ABB - 6 Nos.		
	Terminal 32A -C.Well / Elmex - 16 Nos.		

Note :-

Main LT Panels 1 to 4 Single front, Indoor, Floor Mounted Type Panel fabricated (frame-2.0 mm, Door, Partition & cover-1.6 mm & Gland Plate-3 mm thick) CRCA Sheet duly Power Coated

Considered Earth Bus-Bar-GI Strip

10(b) S/I/T/C of Electrical Feeder Pillars/Panel boards for submersible pump sets.
(Rate are inclusive of CP & Cartage and exclusive of GST)

DJB Item Code	SOR Reference	Description	Unit	Rate Rs.
10.2.1	MKT Rates	<p>A) OUT DOOR TYPE 7.5 TO 10HP Hut type electrical feeder pillar/metal board of welded construction of size 1370mm x 760mm x 460mm fabricated with 16 SWG M.S. sheet with horizontal and vertical intermediate chamber of suitable size on suitable size insulating board to make the Panel Robust, having double door with 14 SWG S.S hinges along with double locking arrangement with arrangement for mounting of switch gear and electrical energy meter i/c powder coating, Vermin proof having following items.</p> <ol style="list-style-type: none"> 1. MCCB 63 Amp, 4 Pole-1 No 2. RCCB/ELCB 63 Amp, 4 Pole with earth fault indicator and positive contact indication protecting a circuit automatically 1No 3. Fully automatic star delta starter of 10HP, 3Phase oil immersed type 1No 4. Digital Ampere meter 96mmx96mm square shape of 0-30 Amp range 1No 5. Digital Voltmeter of 96mm x 96 mm square shape of 0-500 volt range with selector switch 1No 6. LED Indicating lamps with fitting (a set of 3 lamps) 1Set 7. Shunt capacitor of 5 KVAR with three phase isolator 1No 8. Motor Protection Assembly having Earth Leakage protection, Phase sequence corrector, Single phasing protection, Over load protection, High voltage-low voltage protection. 1No 9. Programmable time switch (i.e. RYB Phase & facility to change over from automatic to manual & vice versa) up to 10 H.P.1No 10. Complete wiring of panel board & installation of electrical accessories in the panel with required copper conductor wire & thimbling etc as required. The panel board shall be mounted on the base frame of 600mm height made of 50x50x6mm angle iron frame. <p>Make:-All the insert used in Panel must be of DJB approved makes and should be ISI marked where make of that equipment is not approved.</p>	Each	44500
10.2.2	MKT	B)IN DOOR TYPE 7.5 TO 10HP	Each	39600

	Rates	<p>LT Cubical type electrical Panel board Floor/Wall Mounted of welded construction of size 1370mm x 760mm x 460mm fabricated with 16 SWG M.S. sheet with horizontal and vertical intermediate chamber of suitable size on suitable size insulating board to make the Panel Robust, having double door with 14 SWG S.S hinges along with double locking arrangement with arrangement for mounting of switch gear and electrical energy meter i/c powder coating ,Vermin proof having following items.</p> <ol style="list-style-type: none"> 1. MCCB 63 Amp, 4 Pole-1No. 2. RCCB/ELCB 63 Amp, 4 Pole with earth fault indicator and positive contact indication protecting a circuit automatically 1No 3. Fully automatic star delta starter of 10HP, 3Phase oil immersed type 1No 4. Digital Ampere meter 96mmx96mm square shape of 0-30 Amp range 1No 5. Digital Voltmeter of 96mm x 96 mm square shape of 0-500 volt range with selector switch 1No 6. LED Indicating lamps with fitting (a set of 3 lamps) 1Set 7. Shunt capacitor of 5 KVAR with three phase isolator 1No 8. Motor Protection Assembly having Earth Leakage protection, Phase sequence corrector, Single phasing protection, Over load protection, High voltage-low voltage protection. 1No 9. Programmable time switch (i.e. RYB Phase & facility to change over from automatic to manual & vice versa) up to 10 H.P.1No 10. Complete wiring of panel board & installation of electrical accessories in the panel with required copper conductor wire & thimbling etc as required. The panel board shall be mounted on the base frame of 600mm height made of 50x50x6mm angle iron frame. <p>Make:-All the insert used in Panel must be of DJB approved makes and should be ISI marked where make of that equipment is not approved.</p>		
10.2.3	MKT Rates	<p>C) OUT DOOR TYPE 5HP Hut type electrical feeder pillar/metal board board Floor/Wall Mounted of welded construction of size 1370mm x 760mm x 460mm fabricated with 16 SWG M.S. sheet with horizontal and vertical intermediate chamber of suitable size on suitable size insulating board to make the Panel Robust, having double door</p>	Each	38000

		<p>with 14 SWG S.S hinges along with double locking arrangement with arrangement for mounting of switch gear and electrical energy meter i/c powder coating , Vermin proof having following items.</p> <ol style="list-style-type: none"> 1.MCCB 63 Amp, 4 Pole-1No. 2. RCCB/ELCB 63 Amp, 4 Pole with earth fault indicator and positive contact indication protecting a circuit automatically 1No 3. DOL starter of 5HP, 3Phase oil immersed type 1No 4. Digital Ampere meter 96mmx96mm square shape of 0-30 Amp range 1No 5. Digital Voltmeter of 96mm x 96 mm square shape of 0-500 volt range with selector switch 1No 6. LED Indicating lamps with fitting (a set of 3 lamps) 1Set 7. Shunt capacitor of 5 KVAR with three phase isolator 1No 8. Motor Protection Assembly having Earth Leakage protection, Phase sequence corrector, Single phasing protection, Over load protection, High voltage-low voltage protection. 1No 9. Programmable time switch (i.e. RYB Phase & facility to change over from automatic to manual & vice versa) up to 10 H.P.1No <p>Complete wiring of panel board & installation of electrical accessories in the panel with required copper conductor wire & thimbling etc as required. The panel board shall be mounted on the base frame of 600mm height made of 50x50x6mm angle iron frame.</p> <p>Make:-All the insert used in Panel must be of DJB approved makes and should be ISI marked where make of that equipment is not approved.</p>		
10.2.4	MKT Rates	<p>D)IN DOOR TYPE 5HP LT Cubical type electrical Panel board Floor/Wall Mounted of welded construction of size 1370mm x 760mm x 460mm fabricated with 16 SWG M.S. sheet with horizontal and vertical intermediate chamber of suitable size on suitable size insulating board to make the Panel Robust, having double door with 14 SWG S.S hinges along with double locking arrangement with arrangement for mounting of switch gear and electrical energy meter i/c powder coating , Vermin proof having following items.</p> <ol style="list-style-type: none"> 1.MCCB 63 Amp, 4 Pole-1No. 2. RCCB/ELCB 63 Amp, 4 Pole with earth fault indicator and positive contact indication protecting a circuit automatically 1No 	Each	36500

		<p>3. DOL starter of 5HP, 3Phase oil immersed type 1No</p> <p>4. Digital Ampere meter 96mmx96mm square shape of 0-30 Amp range 1No</p> <p>5. Digital Voltmeter of 96mm x 96 mm square shape of 0-500 volt range with selector switch 1No</p> <p>6. LED Indicating lamps with fitting (a set of 3 lamps) 1Set</p> <p>7. Shunt capacitor of 5 KVAR with three phase isolator 1No</p> <p>8. Motor Protection Assembly having Earth Leakage protection, Phase sequence corrector, Single phasing protection, Over load protection, High voltage-low voltage protection. 1No</p> <p>9. Programmable time switch (i.e. RYB Phase & facility to change over from automatic to manual & vice versa) up to 10 H.P. 1No</p> <p>Complete wiring of panel board & installation of electrical accessories in the panel with required copper conductor wire & thimbling etc as required. The panel board shall be mounted on the base frame of 600mm height made of 50x50x6mm angle iron frame.</p> <p>Make:-All the insert used in Panel must be of DJB approved makes and should be ISI marked where make of that equipment is not approved.</p>		
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CHAPTER-11

Variable Frequency Drives (VFDs)

11(a) Rates for Supply of ABB make AC VFDs & Soft Starters Modules

(Rates are inclusive of CP, cartage and exclusive of GST)

Option 1 :- Drive				
DJB Item Code	SOR Reference	Description	Unit	Rates Rs.
11.1.1	OEM Rates	250 KW pump motor, Model No.- PSTX470-600-70	Each	281960
11.1.2	OEM Rates	160KW pump Motor, Model No.- PSTX300-600-70	Each	198170
11.1.3	OEM Rates	132KW Pump motor, Model No.-PSTX250-600-70	Each	180880
11.1.4	OEM Rates	125KW Pump motor, Model No.-PSTX250-600-70	Each	180880
11.1.5	OEM Rates	90KW Pump motor, Model No.-PSTX170-600-70	Each	157225
11.1.6	OEM Rates	75KW Pump motor, Model No.-PSTX142-600-70	Each	142595
11.1.7	OEM Rates	45KW Pump motor, Model No.-PSTX85-600-70	Each	118085
11.1.8	OEM Rates	40KW Pump motor, Model No.-PSTX85-600-70	Each	118085
11.1.9	OEM Rates	30KW Pump motor, Model No.-PSTX60-600-70	Each	89775
11.1.10	OEM Rates	22KW Pump motor, Model No.-PSTX45-600-70	Each	76475
11.1.11	OEM Rates	18KW Pump motor, Model No.-PSTX37-600-70	Each	70775
11.1.12	OEM Rates	10KW Pump motor, Model No.-PSTX30-600-70	Each	65265

Option-2 Drive with Panel:-				
DJB Item Code	SOR Reference	Description	Unit	Rates Rs.
11.2.1	OEM Rates	VFD PANEL FOR 250KW with Module	Each	712025
11.2.2	OEM Rates	VFD PANEL FOR 160KW with Module	Each	523735
11.2.3	OEM Rates	VFD PANEL FOR 132KW with Module	Each	446975
11.2.4	OEM Rates	VFD PANEL FOR 125KW with Module	Each	446975
11.2.5	OEM Rates	VFD PANEL FOR 90KW with Module	Each	292695
11.2.6	OEM Rates	VFD PANEL FOR 75KW with Module	Each	243105
11.2.7	OEM Rates	VFD PANEL FOR 45KW	Each	178790
11.2.8	OEM Rates	VFD PANEL FOR 40KW with Module	Each	178790
11.2.9	OEM Rates	VFD PANEL FOR 30KW with Module	Each	125970
11.2.10	OEM Rates	VFD PANEL FOR 22KW with Module	Each	111435
11.2.11	OEM Rates	VFD PANEL FOR 18KW with Module	Each	96235
11.2.12	OEM Rates	VFD PANEL FOR 10KW with Module	Each	65835

11(b) Rates for AC VFDs of Schneider Electric Make:-

(Rates are inclusive of CP, cartage and exclusive of GST)

Altivar process AC variable Frequency drive module only along with interface module, Integrated Modbus TCP/IP communication which is suitable for AC Squirrel Cage Induction Motor as per below mentioned ratings:-

DJB Item Code	SOR Reference	Description	Unit	Rates Rs.
11.3.1	OEM Rates	AC Drive ALTIVAR – 11 KW, 23.5 Amps	Each	133000
11.3.2	OEM Rates	AC Drive ALTIVAR – 18 KW, 39.2 Amps	Each	164400
11.3.3	OEM Rates	AC Drive ALTIVAR – 22 KW, 46.3 Amps	Each	174300
11.3.4	OEM Rates	AC Drive ALTIVAR – 30 KW, 61.5 Amps	Each	198200
11.3.5	OEM Rates	AC Drive ALTIVAR – 37 KW, 74.5 Amps	Each	241000
11.3.6	OEM Rates	AC Drive ALTIVAR – 45 KW, 88 Amps	Each	293000
11.3.7	OEM Rates	AC Drive ALTIVAR – 55 KW, 106 Amps	Each	362100
11.3.8	OEM Rates	AC Drive ALTIVAR – 75 KW, 145 Amps	Each	403500
11.3.9	OEM Rates	AC Drive ALTIVAR – 90 KW, 173 Amps	Each	475000
11.3.10	OEM Rates	AC Drive ALTIVAR – 132 KW, 211 Amps	Each	632700
11.3.11	OEM Rates	AC Drive ALTIVAR – 160 KW, 302 Amps	Each	780700
11.3.12	OEM Rates	AC Drive ALTIVAR – 250 KW, 481 Amps	Each	1184100

11(c) Rates for AC VFDs Selection of Danfoss Make
(Rates are inclusive of CP, cartage and exclusive of GST)

DJB Item Code	SOR Reference	Description						Unit	Rates Rs.	
		Application Type (Variable Torque)	KW Rating	Motor Calculated Amp	Drive Ambient Temp	Drive Model / Rating	Drive Amper e Rating		IP 20 Module Rates Rs.	Drive Unit Panel Rates Rs.
11.4.1	OEM Rates	Fan/Pump	10	18.19	50	FC-202P 11K	24	Each	68476	58500
11.4.2	OEM Rates	Fan/Pump	18	32.74	50	FC-202P 18K	37.5	Each	84194	67500
11.4.3	OEM Rates	Fan/Pump	22	40.01	50	FC-202P 22K	44	Each	97872	72000
11.4.4	OEM Rates	Fan/Pump	30	54.56	50	FC-202P 30K	61	Each	1126703	76500
11.4.5	OEM Rates	Fan/Pump	37.5	68.20	50	FC-202P 37K	73	Each	135297	85500
11.4.6	OEM Rates	Fan/Pump	45	81.84	50	FC-202P 45K	90	Each	164309	85500
11.4.7	OEM Rates	Fan/Pump	75	136.40	50	FC-202P 75K	147	Each	221444	94500
11.4.8	OEM Rates	Fan/Pump	90	163.68	50	FC-202P 90K	177	Each	252624	103500
11.4.9	OEM Rates	Fan/Pump	125	227.33	45	FC-202 N110	212	Each	297590	112500
11.4.10	OEM Rates	Fan/Pump	132	240.06	45	FC-202N 132	260	Each	358527	117000
11.4.11	OEM Rates	Fan/Pump	160	290.98	45	FC-202N 160	315	Each	437427	130500
11.4.12	OEM Rates	Fan/Pump	250	454.66	45	FC-202N 250	480	Each	621659	148500
11.4.13	OEM Rates	Fan/Pump	15	27.28	50	FC-202P 15K	32	Each	68477	58500
11.4.14	OEM Rates	Fan/Pump	200	363.72	45	FC-202N 200	395	Each	521663	139500
11.4.15	OEM Rates	Fan/Pump	55	100.02	50	FC-202P 55K	106	Each	195362	94500

Rates for VFD Selection of Danfoss Make:-
(Rates are inclusive of CP, cartage and exclusive of GST)

DJB Item Code	SOR Reference	Description								Unit	Rates Rs.
		Application Type (Variable Torque)	KW Rating	Motor Calculated Amp	Drive Ambient Temp	Drive Model / Rating	Drive Amper e Rating	Mains Switch Type	IP Rating		IP 54/55 Drive Module with disconnect Switch Rates Rs.
11.5.1	OEM Rates	Fan/Pump	10	18.19	50	FC-202P 11K	24	Disconnect	IP 55	Each	94387
11.5.2	OEM Rates	Fan/Pump	18	32.74	50	FC-202P 18K	37.5	Disconnect	IP 55	Each	114584
11.5.3	OEM Rates	Fan/Pump	22	40.01	50	FC-202P 22K	44	Disconnect	IP 55	Each	132195
11.5.4	OEM Rates	Fan/Pump	30	54.56	50	FC-202P 30K	61	Disconnect	IP 55	Each	151221
11.5.5	OEM Rates	Fan/Pump	37.5	68.20	50	FC-202P 37K	73	Disconnect	IP 55	Each	181136
11.5.6	OEM Rates	Fan/Pump	45	81.84	50	FC-202P 45K	90	Disconnect	IP 55	Each	217773
11.5.7	OEM Rates	Fan/Pump	75	136.40	50	FC-202P 75K	147	Disconnect	IP 55	Each	296015
11.5.8	OEM Rates	Fan/Pump	90	163.68	50	FC-202P 90K	177	Disconnect	IP 55	Each	335383
11.5.9	OEM Rates	Fan/Pump	125	227.33	45	FC-202 N110	212	Switch-Fuse Unit	IP 54	Each	441050
11.5.10	OEM Rates	Fan/Pump	132	240.06	45	FC-202N 132	260	Switch-Fuse Unit	IP 54	Each	516323
11.5.11	OEM Rates	Fan/Pump	160	290.98	45	FC-202N 160	315	Switch-Fuse Unit	IP 54	Each	613807
11.5.12	OEM		250	454.6	45	FC-202N	480	Switch-	IP	Each	894876

	Rates	Fan/Pu mp		6		250		Fuse Unit	54		
11.5.13	OEM Rates	Fan/Pu mp	15	27.28	50	FC-202P 15K	32	Disconn ector	IP 54	Each	94387
11.5.14	OEM Rates	Fan/Pu mp	200	363.7 2	45	FC-202N 200	395	Switch- Fuse Unit	IP 54	Each	771371
11.5.15	OEM Rates	Fan/Pu mp	55	100.0 2	50	FC-202P 55K	106	Disconn ector	IP 55	Each	256995



11(d) Rates for Siemens make VFDS
(Rates are inclusive of CP & exclusive of Cartage & GST)

DJB Item Code	SOR Reference	Particulars	Each	Rates Rs.
11.6		Sinamics G120XA based Electrical Control panels As per BOM mentioned above		
11.6.1	OEM Rates	250 KW VFD Panel	Each	565000
11.6.2	OEM Rates	160 KW VFD Panel	Each	445000
11.6.3	OEM Rates	132 KW VFD Panel	Each	403000
11.6.4	OEM Rates	110 KW VFD Panel	Each	360000
11.6.5	OEM Rates	90 KW VFD Panel	Each	325000
11.6.6	OEM Rates	75 KW VFD Panel	Each	280000
11.6.7	OEM Rates	55 KW VFD Panel	Each	254000
11.6.8	OEM Rates	45 KW VFD Panel	Each	225000
11.6.9	OEM Rates	37 KW VFD Panel	Each	205000
11.6.10	OEM Rates	30 KW VFD Panel	Each	178000
11.6.11	OEM Rates	22 KW VFD Panel	Each	159000
11.6.12	OEM Rates	18.5 KW VFD Panel	Each	146000
11.6.13	OEM Rates	11 KW VFD Panel	Each	120000

CHAPTER-12

SOFT STARTERS

12 (a) Rates for Supply of ABB make Soft Starters Modules & Panels

(Rates are inclusive of CP, cartage and exclusive of GST)

Option-1Drive:-Soft Starters Module				
DJB Item Code	SOR Reference	Description	Unit	Rates Rs.
12.1.1	OEM Rates	250KW pump motor, Model No.-ACS580-01-430A-4	Each	600875
12.1.2	OEM Rates	160KW pump motor, Model No.-ACS580-01-293A-4	Each	434625
12.1.3	OEM Rates	132KW pump motor, Model No.-ACS580-01-246A-4	Each	371450
12.1.4	OEM Rates	125KW pump motor, Model No.-ACS580-01-246A-4	Each	371450
12.1.5	OEM Rates	90KW pump motor, Model No.-ACS560-01-169A-4	Each	244150
12.1.6	OEM Rates	75KW pump motor, Model No.-ACS560-01-145A-4	Each	203300
12.1.7	OEM Rates	45KW pump motor, Model No.-ACS560-01-088A-4	Each	150100
12.1.8	OEM Rates	40KW pump motor, Model No.-ACS560-01-088A-4	Each	150100
12.1.9	OEM Rates	30KW pump motor, Model No.-ACS560-01-062A-4	Each	106875
12.1.10	OEM Rates	22KW pump motor, Model No.-ACS560-01-046A-4	Each	94525
12.1.11	OEM Rates	18KW pump motor, Model No.-ACS560-01-039A-4	Each	82175

12.1.12	OEM Rates	10KW pump motor, Model No.-ACS560-01-025A-4	Each	55100
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Option-2 Soft Starter with Panel:-

DJB Item Code	SOR Reference	Description	Unit	Rates Rs.
12.2.1	OEM Rates	Soft Starter panel for 250KW with Module	Each	551617
12.2.2	OEM Rates	Soft Starter panel for 160KW with Module	Each	419947
12.2.3	OEM Rates	Soft Starter panel for 132KW with Module	Each	355110
12.2.4	OEM Rates	Soft Starter panel for 125KW with Module	Each	355110
12.2.5	OEM Rates	Soft Starter panel for 90KW with Module	Each	320197
12.2.6	OEM Rates	Soft Starter panel for 75KW with Module	Each	294262
12.2.7	OEM Rates	Soft Starter panel for 45KW with Module	Each	255360
12.2.8	OEM Rates	Soft Starter panel for 40KW with Module	Each	255360
12.2.9	OEM Rates	Soft Starter panel for 30KW with Module	Each	210472
12.2.10	OEM Rates	Soft Starter panel for 22KW with Module	Each	190522
12.2.11	OEM Rates	Soft Starter panel for 18KW with Module	Each	181545
12.2.12	OEM Rates	Soft Starter panel for 10KW with Module	Each	174562

12(b) Rates for Soft Starter of Schneider Electric Make:-
(Rates are inclusive of CP, cartage and exclusive of GST)

Alt start 22 Soft Starter module only along with interface module, Integrated Modbus serial communication which is suitable for AC Squirrel Cage Induction Motor as per below mentioned ratings:-

DJB Item Code	SOR Reference	Description	Unit	Rates Rs.
12.3.1	OEM Rates	Soft Starter ALTISTART– 11 KW	Each	48300
12.3.2	OEM Rates	Soft Starter ALTISTART – 18 KW	Each	54600
12.3.3	OEM Rates	Soft Starter ALTISTART – 22 KW	Each	63300
12.3.4	OEM Rates	Soft Starter ALTISTART – 30 KW	Each	69400
12.3.5	OEM Rates	Soft Starter ALTISTART – 37 KW	Each	77500
12.3.6	OEM Rates	Soft Starter ALTISTART – 45 KW	Each	88800
12.3.7	OEM Rates	Soft Starter ALTISTART – 55 KW	Each	98000
12.3.8	OEM Rates	Soft Starter ALTISTART – 75 KW	Each	125700
12.3.9	OEM Rates	Soft Starter ALTISTART – 90 KW	Each	157500
12.3.10	OEM Rates	Soft Starter ALTISTART – 132 KW	Each	174100
12.3.11	OEM Rates	Soft Starter ALTISTART – 160 KW	Each	194700
12.3.12	OEM Rates	Soft Starter ALTISTART – 250 KW	Each	255500

CHAPTER-13

LIQUID ROTOR STARTER (LRS)

13(a) Rates for Parimal Engineering Industries (PEI) Make – LRRC

(Rates are inclusive of CP, cartage and exclusive of GST)

“PEI” make. Liquid Rotor Res. Controller motorized / manually operated suitable for following slip ring motor having starting & running interlocking arrangement & suitable cable entry gland plate & having M.S. Electrodes in horizontal movement & tank shall be Epoxy coated inside & PP Partition between phase & having shorting contractor in Delta connected as per following Redding.

DJB Item Code	SOR Reference	Description	Unit	Rates Rs.
13.1.1	OEM Rates	0-150 HP	Each	190337
13.1.2	OEM Rates	151-250 HP	Each	231990
13.1.3	OEM Rates	251-400 HP	Each	301055
13.1.4	OEM Rates	401-550 HP	Each	374348
13.1.5	OEM Rates	551-750 HP	Each	405983

13(b) RATES FOR ‘ENTERPRISING ENGINEERS MAKE’ MOTORISED AS WELL AS MANUALLY OPERATED NEW LIQUID ROTOR STARTER.
(Rates are inclusive of CP, cartage and exclusive of GST)

DJB Item Code	SOR Reference	Unit	Model / Type of LRS / Motor Rating	Rates Rs.
13.2.1	OEM Rates	Each	LRS Type MER-3 / Up to 250 HP	261725
13.2.2	OEM Rates	Each	LRS Type MER-4 / 251 HP-350 HP	294975
13.2.3	OEM Rates	Each	LRS Type MER-5 / 351 HP – 550 HP	330600
13.2.4	OEM Rates	Each	LRS Type LSHM-E1 / Up to 150 HP	242250
13.2.5	OEM Rates	Each	LRS Type LSHM-1R / 151 HP-350 HP	275500
13.2.6	OEM Rates	Each	LRS Type LSHM-2R / 351 HP-550 HP	304000

13(c) RATES FOR 'ADVANCE MAKE MOTORIZED CUM MANUALLY OPERATED LIQUID ROTOR STARTERS (LT/HT) TYPE ALRHM: -

DJB Item Code	SOR Reference	Details / Particulars	Unit	Rates Rs.
13.3.1	OEM Rates	100-150 HP	Each	198000
13.3.2	OEM Rates	151-200 HP	Each	202500
13.3.3	OEM Rates	201-250 HP	Each	209250
13.3.4	OEM Rates	251-300 HP	Each	218250
13.3.5	OEM Rates	301-500 HP	Each	229500
13.3.6	OEM Rates	501-750 HP	Each	279000
13.3.7	OEM Rates	751-1000 HP	Each	310500

CHAPTER-14

AUTOMATIC POWER FACTOR CORRECTOR (APFC) PANELS

14(a) RATES FOR "KHATAU" MAKE LT APFC CAPACITOR PANEL (Rates are inclusive of CP, cartage and exclusive of GST)				
DJB Item Code	SOR Reference	Description	Unit	Rates Rs.
14.1.1	OEM Rates	10KVA, 415V, 3Ph, 50Hz, indoor type LT APFC Panel	Each	76000
14.1.2	OEM Rates	20KVA, 415V, 3Ph, 50Hz, indoor type LT APFC Panel	Each	76000
14.1.3	OEM Rates	25KVA, 415V, 3Ph, 50Hz, indoor type LT APFC Panel	Each	80750
14.1.4	OEM Rates	50KVA, 415V, 3Ph, 50Hz, indoor type LT APFC Panel	Each	85500
14.1.5	OEM Rates	60KVA, 415V, 3Ph, 50Hz, indoor type LT APFC Panel	Each	137750
14.1.6	OEM Rates	70KVA, 415V, 3Ph, 50Hz, indoor type LT APFC Panel	Each	156750
14.1.7	OEM Rates	80KVA, 415V, 3Ph, 50Hz, indoor type LT APFC Panel	Each	166250
14.1.8	OEM Rates	95KVA, 415V, 3Ph, 50Hz, indoor type LT APFC Panel	Each	175750
14.1.9	OEM Rates	100KVA, 415V, 3Ph, 50Hz, indoor type LT APFC Panel	Each	194750
14.1.10	OEM Rates	110KVA, 415V, 3Ph, 50Hz, indoor type LT APFC Panel	Each	218500
14.1.11	OEM Rates	125KVA, 415V, 3Ph, 50Hz, indoor type LT APFC Panel	Each	247000
14.1.12	OEM Rates	150KVA, 415V, 3Ph, 50Hz, indoor type LT APFC Panel	Each	280250
14.1.13	OEM Rates	200KVA, 415V, 3Ph, 50Hz, indoor type LT APFC Panel	Each	370500
14.1.14	OEM Rates	225KVA, 415V, 3Ph, 50Hz, indoor type LT APFC Panel	Each	380000

14.1.15	OEM Rates	250KVA, 415V, 3Ph, 50Hz, indoor type LT APFC Panel	Each	451250
14.1.16	OEM Rates	280KVA, 415V, 3Ph, 50Hz, indoor type LT APFC Panel	Each	498750
14.1.17	OEM Rates	285KVA, 415V, 3Ph, 50Hz, indoor type LT APFC Panel	Each	508250
14.1.18	OEM Rates	300KVA, 415V, 3Ph, 50Hz, indoor type LT APFC Panel	Each	536750
14.1.19	OEM Rates	350KVA, 415V, 3Ph, 50Hz, indoor type LT APFC Panel	Each	617500
14.1.20	OEM Rates	378KVA, 415V, 3Ph, 50Hz, indoor type LT APFC Panel	Each	665000
14.1.21	OEM Rates	500KVA, 415V, 3Ph, 50Hz, indoor type LT APFC Panel	Each	845500

14(b) RATES FOR "HAVELLS" MAKE APFC CAPACITOR PANEL
(Rates are inclusive of CP, cartage and exclusive of GST)

DJB Item Code.	SOR Reference	Description			Unit	Rates Rs.
		KW	HP	Frame		
14.2.1	OEM Rates	10 kVAr	QHKTCB5010X0	10 kVAr / 415 V SecuRite APFC Panel CYCAP	Each	37109
14.2.2	OEM Rates	12 kVAr	QHKTCB5012X0	12 kVAr / 415 V SecuRite APFC Panel CYCAP	Each	41231
14.2.3	OEM Rates	15 kVAr	QHKTCB5015X0	15 kVAr / 415 V SecuRite APFC Panel CYCAP	Each	51537
14.2.4	OEM Rates	25 kVAr	QHKTCB5025X0	25 kVAr / 415 V SecuRite APFC Panel CYCAP	Each	85894
14.2.5	OEM Rates	30 kVAr	QHKTCB5030X0	30 kVAr / 415 V SecuRite APFC Panel CYCAP	Each	89055
14.2.6	OEM Rates	50 kVAr	QHKTCB5050X0	50 kVAr / 415 V SecuRite APFC Panel CYCAP	Each	107760
14.2.7	OEM Rates	75 kVAr	QHKTCB5075X0	75 kVAr / 415 V SecuRite APFC Panel CYCAP	Each	161639
14.2.8	OEM Rates	100 kVAr	QHKTCB5100X0	100 kVAr / 415 V SecuRite APFC Panel CYCAP	Each	194903
14.2.9	OEM Rates	125 kVAr	QHKTCB5125X0	125 kVAr / 415 V SecuRite APFC Panel CYCAP	Each	234259
14.2.10	OEM Rates	150 kVAr	QHKTCB5150X0	150 kVAr / 415 V SecuRite APFC Panel CYCAP	Each	281112
14.2.11	OEM Rates	175 kVAr	QHKTCB5175X0	175 kVAr / 415 V SecuRite APFC Panel CYCAP	Each	327965
14.2.12	OEM Rates	200 kVAr	QHKTCB5200X0	200 kVAr / 415 V SecuRite APFC Panel CYCAP	Each	367006
14.2.13	OEM Rates	225 kVAr	QHKTCB5225X0	225 kVAr / 415 V SecuRite APFC Panel CYCAP	Each	412883
14.2.14	OEM Rates	250 kVAr	QHKTCB5250X0	250 kVAr / 415 V SecuRite APFC Panel CYCAP	Each	458759

14.2.15	OEM Rates	275 kVAr	QHKTCB5275X0	275 kVAr / 415 V SecuRite APFC Panel CYCAP	Each	504635
14.2.16	OEM Rates	300 kVAr	QHKTCB5300X0	300 kVAr / 415 V SecuRite APFC Panel CYCAP	Each	538795
14.2.17	OEM Rates	325 kVAr	QHKTCB5325X0	325 kVAr / 415 V SecuRite APFC Panel CYCAP	Each	583695
14.2.7	OEM Rates	350 kVAr	QHKTCB5350X0	350 kVAr / 415 V SecuRite APFC Panel CYCAP	Each	628595
14.2.19	OEM Rates	100 kVAr	QHKTMB5100X0	100 kVAr / 415 V SecuRite APFC Panel SQCAP	Each	219269
14.2.20	OEM Rates	125 kVAr	QHKTMB5125X0	125 kVAr / 415 V SecuRite APFC Panel SQCAP	Each	263542
14.2.21	OEM Rates	150 kVAr	QHKTMB5150X0	150 kVAr / 415 V SecuRite APFC Panel SQCAP	Each	316248
14.2.21	OEM Rates	175 kVAr	QHKTMB5175X0	175 kVAr / 415 V SecuRite APFC Panel SQCAP	Each	368959
14.2.23	OEM Rates	200 kVAr	QHKTMB5200X0	200 kVAr / 415 V SecuRite APFC Panel SQCAP	Each	413859
14.2.24	OEM Rates	225 kVAr	QHKTMB5225X0	225 kVAr / 415 V SecuRite APFC Panel SQCAP	Each	465589
14.2.25	OEM Rates	250 kVAr	QHKTMB5250X0	250 kVAr / 415 V SecuRite APFC Panel SQCAP	Each	517324
14.2.26	OEM Rates	275 kVAr	QHKTMB5275X0	275 kVAr / 415 V SecuRite APFC Panel SQCAP	Each	569054
14.2.27	OEM Rates	300 kVAr	QHKTMB5300X0	300 kVAr / 415 V SecuRite APFC Panel SQCAP	Each	609071
14.2.28	OEM Rates	325 kVAr	QHKTMB5325X0	325 kVAr / 415 V SecuRite APFC Panel SQCAP	Each	659831
14.2.29	OEM Rates	350 kVAr	QHKTMB5350X0	350 kVAr / 415 V SecuRite APFC Panel SQCAP	Each	710583
14.2.30	OEM Rates	100 kVAr	QHKTEB5100X0	100 kVAr / 415 V SecuRite APFC Panel SQCAP DTR	Each	291294

14.2.31	OEM Rates	125 kVAr	QHKTEB5125X0	125 kVAr / 415 V SecuRite APFC Panel SQCAP DTR	Each	322106
14.2.32	OEM Rates	150 kVAr	QHKTEB5150X0	150 kVAr / 415 V SecuRite APFC Panel SQCAP DTR	Each	386530
14.2.33	OEM Rates	175 kVAr	QHKTEB5175X0	175 kVAr / 415 V SecuRite APFC Panel SQCAP DTR	Each	450947
14.2.34	OEM Rates	200 kVAr	QHKTEB5200X0	200 kVAr / 415 V SecuRite APFC Panel SQCAP DTR	Each	507560
14.2.35	OEM Rates	225 kVAr	QHKTEB5225X0	225 kVAr / 415 V SecuRite APFC Panel SQCAP DTR	Each	571007
14.2.36	OEM Rates	250 kVAr	QHKTEB5250X0	250 kVAr / 415 V SecuRite APFC Panel SQCAP DTR	Each	634453
14.2.37	OEM Rates	275 kVAr	QHKTEB5275X0	275 kVAr / 415 V SecuRite APFC Panel SQCAP DTR	Each	697895
14.2.27	OEM Rates	300 kVAr	QHKTEB5300X0	300 kVAr / 415 V SecuRite APFC Panel SQCAP DTR	Each	749630
14.2.28	OEM Rates	325 kVAr	QHKTEB5325X0	325 kVAr / 415 V SecuRite APFC Panel SQCAP DTR	Each	812095
14.2.29	OEM Rates	350 kVAr	QHKTEB5350X0	350 kVAr / 415 V SecuRite APFC Panel SQCAP DTR	Each	874565

CHAPTER-15

FLOWMETERS

15(a) Rates for “Endress & Hauser” (E&H) make Electromagnetic Flow Meter
(Rates are inclusive of CP and exclusive of cartage and GST)

DJB Item Code	SOR Reference	Description	Unit	Rates Rs.
15.1.1	OEM Rates	100 MM dia	Each	106934
15.1.2	OEM Rates	150 MM dia	Each	117956
15.1.3	OEM Rates	200 MM dia	Each	148712
15.1.4	OEM Rates	250 MM dia	Each	168607
15.1.5	OEM Rates	300 MM dia	Each	20209
15.1.6	OEM Rates	400 MM dia	Each	339625
15.1.7	OEM Rates	450 MM dia	Each	365908
15.1.8	OEM Rates	500 MM dia	Each	400985
15.1.9	OEM Rates	600 MM dia	Each	460824
15.1.10	OEM Rates	700 MM dia	Each	520690
15.1.11	OEM Rates	800 MM dia	Each	621011
15.1.12	OEM Rates	900 MM dia	Each	728494
15.1.13	OEM Rates	1000 MM dia	Each	779561
15.1.14	OEM Rates	1100 MM dia	Each	1291059
15.1.15	OEM Rates	1200 MM dia	Each	1408003

15(b) Rates for “Forbes- Marshall” make electromagnetic flow meter:-
(Rates are inclusive of CP and exclusive of cartage and GST)

DJB Item Code	SOR Reference	Meter Size	Description	Unit	Rates Rs.
15.2.1	OEM Rates	25	Optiffux 2000 + IFC 050	Each	217440
15.2.2	OEM Rates	50	Optiffux 2000 + IFC 050	Each	236520
15.2.3	OEM Rates	80	Optiffux 2000 + IFC 050	Each	250290
15.2.4	OEM Rates	100	Optiffux 2000 + IFC 050	Each	273510
15.2.5	OEM Rates	125	Optiffux 2000 + IFC 050	Each	283320
15.2.6	OEM Rates	150	Optiffux 2000 + IFC 050	Each	297270
15.2.7	OEM Rates	200	Optiffux 2000 + IFC 050	Each	349020
15.2.8	OEM Rates	250	Optiffux 2000 + IFC 050	Each	401760
15.2.9	OEM Rates	300	Optiffux 2000 + IFC 050	Each	439830
15.2.10	OEM Rates	350	Optiffux 2000 + IFC 050	Each	640719
15.2.11	OEM Rates	400	Optiffux 2000 + IFC 050	Each	720540
15.2.12	OEM Rates	450	Optiffux 2000 + IFC 050	Each	830250
15.2.13	OEM Rates	500	Optiffux 2000 + IFC 050	Each	987210
15.2.14	OEM Rates	600	Optiffux 2000 + IFC 050	Each	1608840
15.2.15	OEM Rates	700	Optiffux 2000 + IFC 050	Each	1699920
15.2.16	OEM Rates	800	Optiffux 2000 + IFC 050	Each	2008260
15.2.17	OEM Rates	900	Optiffux 2000 + IFC 050	Each	2527110
15.2.7	OEM Rates	1000	Optiffux 2000 + IFC 050	Each	2739338
15.2.19	OEM Rates	1200	Optiffux 2000 + IFC 050	Each	3024450
15.2.20	OEM Rates	1400	Optiffux 2000 + IFC 300	Each	4879530
15.2.21	OEM Rates	1600	Optiffux 2000 + IFC 300	Each	5738040
15.2.22	OEM Rates	1800	Optiffux 2000 + IFC 300	Each	7704990
15.2.23	OEM Rates	2000	Optiffux 2000 + IFC 300	Each	9154980

15(c) Rates for “IOTA Flow” make electromagnetic flow meters:-
(Rates are inclusive of CP, cartage and exclusive of GST)

DJB Item Code	SOR Reference	Description	Unit	Rates Rs.
15.3.1	OEM Rates	10 MM	Each	56400
15.3.2	OEM Rates	25 MM	Each	71560
15.3.3	OEM Rates	50 MM	Each	47800
15.3.4	OEM Rates	80 MM	Each	53040
15.3.5	OEM Rates	100 MM	Each	55120
15.3.6	OEM Rates	125 MM	Each	65560
15.3.7	OEM Rates	150 MM	Each	67600
15.3.8	OEM Rates	200 MM	Each	71200
15.3.9	OEM Rates	250 MM	Each	82800
15.3.10	OEM Rates	300 MM	Each	119400
15.3.11	OEM Rates	350 MM	Each	189600
15.3.12	OEM Rates	400 MM	Each	200800
15.3.13	OEM Rates	450 MM	Each	237000
15.3.14	OEM Rates	500 MM	Each	275400
15.3.15	OEM Rates	600 MM	Each	324200
15.3.16	OEM Rates	700 MM	Each	419600
15.3.17	OEM Rates	800 MM	Each	464400
15.3.18	OEM Rates	900 MM	Each	502000
15.3.19	OEM Rates	1000 MM	Each	560400

CHAPTER-16

INSTRUMENTATION

16(a) Rates for “Endress + Hauser (E&H)” Make Instrumentation
(Rates are inclusive of CP & exclusive of Cartage & GST)

DJB Item Code	SOR Reference	Description	Unit	Rates Rs.
16.1.1	OEM Rates	Open Channel Ultrasonic Flow Transmitter as per standard specifications.	Each	1,35,000
16.1.2	OEM Rates	Radar Type Microwave Level Transmitter as per standard specifications.	Each	1,62,000
16.1.3	OEM Rates	Ultrasonic Level Transmitter as per standard specifications.	Each	90,000
16.1.4	OEM Rates	Pressure Transmitters as per standard specifications.	Each	45,000
16.1.5	OEM Rates	Turbidity Measurement Transmitter as per standard specifications.	Each	3,15,000
16.1.6	OEM Rates	pH Measurement as per standard specifications.	Each	1,35,000
16.1.7	OEM Rates	Chlorine Measurement Transmitter as per standard specifications.	Each	2,70,000
16.1.8	OEM Rates	Ammonia Measurement as per standard specifications.	Each	18,00,000
16.1.9	OEM Rates	Total Suspended Solids Measurement Transmitter as per standard specifications.	Each	3,15,000
16.1.10	OEM Rates	COD/BOD Analyzer as per standard specifications.	Each	18,00,000
16.1.11	OEM Rates	Dissolved Oxygen Measurement as per standard specifications.	Each	2,25,000
16.1.12	OEM Rates	Phosphate Measurement as per standard specifications.	Each	19,80,000
16.1.13	OEM Rates	Nitrate Measurement as per standard specifications.	Each	19,80,000
16.1.14	OEM Rates	TOC Measurement as per standard specifications.	Each	27,00,000
16.1.15	OEM Rates	TDS Measurement as per standard specifications.	Each	1,35,000

CHAPTER-17

PLC & SCADA

17(a) Rates For "ABB " Make PLC & SCADA System:-
(Rates are inclusive of CP, Cartage and exclusive of GST)

DJB Item Code	SOR Reference	Description	Unit	Rates Rs.
17.1.1	OEM Rates	PLC Panel with HMI at Pumping Station as per standard technical specification.	Each	267376
17.1.2	OEM Rates	PLC Panel with SCADA at central Location as per standard technical specification.	Each	1126741

Note:-
(SCADA Development, Engineering, Testing & Commissioning charges of Rs. 17000/- per man day basis will be charge extra)

CHAPTER-18
POWER CABLES

Important Note:

May please refer 29(l) of Chapter No. 29 for LT Aluminium Power Cables, HT Three core Aluminium Power cables, Copper Power Cables, Submersible Power Cables, Flexible Cables, Instrumentation Cables etc.

Further, the Price lists have to be obtained from Manufacturers or Authorised Dealer duly signed & stamped through official communications only.

CHAPTER-19

LED LIGHTS & LUMINOUS

19(a) Rates for LED Lightings:-

(Rates are inclusive of CP, cartage and exclusive of GST)

DJB Item Code	SOR Reference	Description	Unit	Rates Rs.
19.1		LED (Tube Light) Decorative ultra slim square profile LED lighting fixture with extruded polycarbonate, environmental friendly, energy efficient ready to use pack. Lamp Type Order		
19.1.1	MKT Rates	18 W LED 6000 K	Each	219
19.1.2	MKT Rates	20 W LED 6000 K	Each	240
19.2		Higher Wattage Decorative ultra slim polycarbonate LED lighting fixture with high lumen output, environmental friendly, energy efficient ready to use pack.		
19.2.1	MKT Rates	22 W LED 6500 K	Each	264
19.2.2	MKT Rates	25 W LED 6500 K	Each	422
19.3		Higher Wattage Decorative ultra slim aluminum LED lighting fixture with high lumen output, environmental friendly, energy efficient ready to use pack.		
19.3.1	MKT Rates	24 W LED 6500 K	Each	422
19.3.2	MKT Rates	30 W LED 6500 K	Each	539
19.3.3	MKT Rates	36 W LED 6500 K	Each	689
19.4		Square Slim surface mounted LED panel with premium diffuser to ensure glare free & even light distribution		
19.4.1	MKT Rates	12 W LED 3000 K	Each	682
19.4.2	MKT Rates	18 W LED 3000 K	Each	1023
19.4.3	MKT Rates	24 W LED 3000 K	Each	1534

19.5		Round Bulkhead designed for modern homes available in non PIR as well as PIR sensor with premium quality diffuser for glare free light and easy to install snap fit installer. Dimension: ø 170 mm, Height: 75 mm for 6.5 W, ø 220 mm, Height: 99 mm for 13.5 W.		
19.5.1	MKT Rates	6.5 W LED 6000 K	Each	721
19.5.2	MKT Rates	13.5 W LED 6000 K	Each	908
19.6		Hexa Bulkhead designed for modern homes available in non PIR as well as PIR sensor with premium quality diffuser for glare free light and easy to install snap fit installer. Dimension: Length: 198 mm, Width: 99 mm & Height: 41 for 6.5 W, Length: 230 mm, Width: 105 mm & Height: 41 for 13.5 W.		
19.6.1	MKT Rates	6.5 W LED 6000 K	Each	673
19.6.2	MKT Rates	13.5 W LED 6000 K	Each	976
19.7		LED Lamps		
19.7.1	MKT Rates	Adore LED Lamps	Each	
19.7.2	MKT Rates	5W	Each	99
19.7.3	MKT Rates	7W	Each	106
19.7.4	MKT Rates	9W	Each	114
19.7.5	MKT Rates	10 W	Each	114
19.7.6	MKT Rates	15W	Each	228
19.7.7	MKT Rates	20W	Each	315
19.8		LED(COB) Down light with crisp light throw and high CRI.		
19.8.1	MKT Rates	6 W LED 6500 K	Each	673
19.8.2	MKT Rates	9 W LED 6500 K	Each	885
19.8.3	MKT Rates	12W LED 6500 K	Each	1234
19.8.4	MKT Rates	18W LED 3000 K	Each	1090
19.8.5	MKT Rates	24 W LED 3000 K	Each	1847
19.9.		LED decorative diffuser 2x2 panel light		
19.9.1	MKT Rates	FLAT 2X2PLR28/30W	Each	2637
19.9.2	MKT Rates	FLAT 2X2PLR 36/40W	Each	2656
19.9.3	MKT Rates	FLAT 2X2PLR 42/48W	Each	2884

19.10.		LED Outdoor Luminaries		
		New generation energy saving and environmental friendly long life LED street light made up of pressure die cast aluminum housing with high efficient LED as lighting source and PC cover having TOP Opening separate driver compartment with IP66 protection and impact resistance of IK07.		
19.10.1	MKT Rates	Suitable for pole dia Ø 43 mm (max.)	Each	
19.10.2	MKT Rates	18/20 W LED	Each	1670
19.10.3	MKT Rates	24/25W LED	Each	1746
19.10.4	MKT Rates	35/36W LED	Each	2470
19.10.5	MKT Rates	45W LED	Each	3491
19.10.6	MKT Rates	70/72W LED	Each	5180

Note:- Havells / Orient / Bajaj / Phillips / CG & other Reputed OEM Make.

CHAPTER-20

FANS & AIR CIRCULATORS

20(a) Rates for Fans & Air Circulators

(Rates are inclusive of CP, cartage and exclusive of GST)

DJB ITEM CODE	SOR Reference	Description	Unit	Rates Rs.
20.1		Ceiling fan		
20.1.1	MKT Rates	900 mm	Each	1585
20.1.2	MKT Rates	1050/ 1200 mm	Each	1585
20.1.3	MKT Rates	1400 mm	Each	1686
20.2		Heavy Duty Exhaust Fans(900/1440RPM)		
20.2.1	MKT Rates	300 mm	Each	2074
20.2.2	MKT Rates	380 mm	Each	2380
20.2.3	MKT Rates	450 mm (TP)	Each	3270
20.2.4	MKT Rates	600 mm (TP)	Each	7636
20.3.		Air Circulators		
20.3.1	MKT Rates	450 mm	Each	3249
20.3.2	MKT Rates	600 mm	Each	5330
20.4.	MKT Rates	Wall Fans		
20.4.1	MKT Rates	400 mm	Each	1743
20.5.		Pedestal Fans		
20.5.1	MKT Rates	450 mm	Each	3155
20.5.2	MKT Rates	600 mm	Each	6439

Note:- Havells/ CG / Orient/ Usha/Almonard& other reputed OEM Makes

CHAPTER-21

COUPLINGS

21(a) RATES FOR 'FENNER' MAKE COUPLINGS *(Rates are inclusive of CP, cartage and exclusive of GST)*

DJB Item Code	SOR Reference	Description	Unit	Rates Rs.
21.1		Fena flex tyre coupling with flange finish bore key bore		
21.1.1	OEM rates	F 40	Each	2133
21.1.2	OEM rates	F 45	Each	2718
21.1.3	OEM rates	F 50	Each	3078
21.1.4	OEM rates	F 60	Each	4257
21.1.5	OEM rates	F 70	Each	5054
21.1.6	OEM rates	F 80	Each	6615
21.1.7	OEM rates	F 85	Each	8307
21.1.8	OEM rates	F 90	Each	9171
21.1.9	OEM rates	F 100	Each	11331
21.1.10	OEM rates	F 110	Each	14477
21.1.11	OEM rates	F 120	Each	19418
21.1.12	OEM rates	F 140	Each	29543
21.1.13	OEM rates	F 160	Each	42021
21.1.14	OEM rates	F 180	Each	64643
21.1.15	OEM rates	F 200	Each	115515
21.1.16	OEM rates	F 220	Each	141327
21.1.17	OEM rates	F 250	Each	189248

DJB Item Code	SOR Reference	Description	Unit	Rates Rs.
21.2		Fena flex tyre type coupling spare tyre		
21.2.1	OEM rates	F 40	Each	347
21.2.2	OEM rates	F 45	Each	504
21.2.3	OEM rates	F 50	Each	558
21.2.4	OEM rates	F 60	Each	779
21.2.5	OEM rates	F 70	Each	972
21.2.6	OEM rates	F 80	Each	1346
21.2.7	OEM rates	F 85	Each	1755
21.2.8	OEM rates	F 90	Each	2030
21.2.9	OEM rates	F 100	Each	2475
21.2.10	OEM rates	F 110	Each	2952
21.2.11	OEM rates	F 120	Each	3623
21.2.12	OEM rates	F 140	Each	4185
21.2.13	OEM rates	F 160	Each	5886
21.2.14	OEM rates	F 180	Each	9718
21.2.15	OEM rates	F 200	Each	11988
21.2.16	OEM rates	F 220	Each	14697
21.2.17	OEM rates	F 250	Each	19215

CI BUSH TYPE COUPLING

DJB Item Code	SOR Reference	Description	Unit	Rates Rs.
21.3	OEM rates	CI Bush type coupling finished bore & keyway	Each	
21.3.1	OEM rates	FBC 1	Each	1400
21.3.2	OEM rates	FBC 2	Each	2138
21.3.3	OEM rates	FBC 2A	Each	2682
21.3.4	OEM rates	FBC 3	Each	3596
21.3.5	OEM rates	FBC 4	Each	4950
21.3.6	OEM rates	FBC 4A	Each	5801
21.3.7	OEM rates	FBC 5	Each	7128
21.3.8	OEM rates	FBC 6	Each	10530
21.3.9	OEM rates	FBC 6A	Each	11390
21.3.10	OEM rates	FBC 6B	Each	12258
21.3.11	OEM rates	FBC 7	Each	18792
21.3.12	OEM rates	FBC 7A	Each	20822
21.3.13	OEM rates	FBC 8	Each	24899
21.3.14	OEM rates	FBC 8A	Each	27720
21.3.15	OEM rates	FBC 8B	Each	45824
21.3.16	OEM rates	FBC 9	Each	60363
21.3.17	OEM rates	FBC 9A	Each	71253
21.3.18	OEM rates	FBC 10	Each	75699
21.3.19	OEM rates	FBC 10A	Each	87287
21.3.20	OEM rates	FBC 11	Each	107456
SPARE BUSHES				
21.4	OEM rates	Bush type coupling spare bushes set		
21.4.1	OEM rates	FBC 1	Each	140
21.4.2	OEM rates	FBC 2	Each	185
21.4.3	OEM rates	FBC 2A	Each	279
21.4.4	OEM rates	FBC 3	Each	324
21.4.5	OEM rates	FBC 4	Each	324
21.4.6	OEM rates	FBC 4A	Each	491
21.4.7	OEM rates	FBC 5	Each	491
21.4.8	OEM rates	FBC 6	Each	653
21.4.9	OEM rates	FBC 6A	Each	819
21.4.10	OEM rates	FBC 6B	Each	981
21.4.11	OEM rates	FBC 7	Each	981
21.4.12	OEM rates	FBC 7A	Each	1143
21.4.13	OEM rates	FBC 8	Each	1305
21.4.14	OEM rates	FBC 8A	Each	1472
21.4.15	OEM rates	FBC 8B	Each	3501
21.4.16	OEM rates	FBC 9	Each	3789
21.4.17	OEM rates	FBC 9A	Each	4374
21.4.18	OEM rates	FBC 10	Each	4667

21.4.19	OEM rates	FBC 10A	Each	4959
21.4.20	OEM rates	FBC 11	Each	5832
SPARE PINS				
21.5	OEM rates	Bush Type coupling spare pins set		
21.5.1	OEM rates	FBC 1		451
21.5.2	OEM rates	FBC 2		603
21.5.3	OEM rates	FBC 2A		901
21.5.4	OEM rates	FBC 3		1382
21.5.5	OEM rates	FBC 4		1382
21.5.6	OEM rates	FBC 4A		2061
21.5.7	OEM rates	FBC 5		2061
21.5.8	OEM rates	FBC 6		2754
21.5.9	OEM rates	FBC 6A		3456
21.5.10	OEM rates	FBC 6B		4127
21.5.11	OEM rates	FBC 7		4127
21.5.12	OEM rates	FBC 7A		6039
21.5.13	OEM rates	FBC 8		6903
21.5.14	OEM rates	FBC 8A		7767
21.5.15	OEM rates	FBC 8B		13577
21.5.16	OEM rates	FBC 9		14711
21.5.17	OEM rates	FBC 9A		16965
21.5.18	OEM rates	FBC 10		18099
21.5.19	OEM rates	FBC 10A		23198
21.5.20	OEM rates	FBC 11		27347

**21(b) RATES FOR "UNIQUE" MAKE - "PX" TYRE TYPE
AUTOMATIC FLEXIBLE CUSHIONCOUPLING**

(Rates are inclusive of CP, cartage and exclusive of GST)

DJB Item Code	SOR Refer ence	Unit	Description				Rates(Rs.)	
			FENNE R CODE	MAX BORE MM	MAX SPEED RPM	HP RATING/ 100 RPM	COPMPLE TE COUPLING	SPARE TYRE
21.6.1	PX40	Each	F40	30	4500	0.22	1418	356
21.6.2	PX45	Each	F45	32	4500	0.39	2012	513
21.6.3	PX50	Each	F50	38	4500	0.56	2453	558
21.6.4	PX60	Each	F60	45	4000	1.11	3542	788
21.6.5	PX70	Each	F70	50	3600	1.70	4370	995
21.6.6	PX80	Each	F80	65	3100	2.65	5931	1382
21.6.7	PX85	Each	F85	70	3000	3.20	7286	1661
21.6.8	PX90	Each	F90	76	2880	3.82	7686	2102
21.6.9	PX100	Each	F100	85	2600	5.29	9275	2624
21.6.10	PX110	Each	F110	90	2300	7.46	12627	3015
21.6.11	PX120	Each	F120	102	2050	12.4	16974	3560
21.6.12	PX140	Each	F140	120	1800	19.7	22158	4050
21.6.13	PX160	Each	F160	130	1600	32.6	31113	5531
21.6.14	PX180	Each	F180	155	1450	57.50	55868	8483

RATES FOR "UNIQUE" MAKE - "PLAIN BUSH" COUPLING "PB" SERIES

(Rates are inclusive of CP, cartage and exclusive of GST)

DJB Item Code	SOR Reference	Unit	Description				Rates Rs.		
			Number of Pins/ Bush	Max Bore MM	Max Speed RPM	HP/100 RPM	Complete Coupling	Spare Bush Set	Spare Pin set
21.7.1	PB 1	Each	03	28	6000	1.90	1184	108	383
21.7.2	PB 2	Each	04	30	5000	4.41	1827	149	612
21.7.3	PB 2A	Each	06	42	4300	7.34	2345	230	917
21.7.4	PB 3	Each	04	48	3500	8.84	3173	270	1148
21.7.5	PB 4	Each	04	65	2900	11.82	4401	270	1148
21.7.6	PB 4A	Each	06	65	2900	17.66	5207	401	1719
21.7.7	PB 5	Each	06	75	2500	23.66	6390	401	1719
21.7.8	PB 6	Each	08	95	2200	33.58	9396	531	2291
21.7.9	PB 6A	Each	10	95	2200	41.74	10220	666	2871
21.7.10	PB 6B	Each	12	95	2200	50.29	11025	797	3438
21.7.11	PB 7	Each	12	115	1900	59.13	16803	797	3438
21.7.12	PB 7A	Each	14	120	1850	73.96	18779	927	4941
21.7.13	PB 8	Each	16	130	1800	82.8	22370	1062	5652
21.7.14	PB 8A	Each	18	135	1600	103.47	24863	1197	6359
21.7.15	PB 8B	Each	12	140	1540	124.27	41189	2826	11061
21.7.16	PB 9	Each	13	150	1420	141.4	53722	3065	11984
21.7.17	PB 9A	Each	15	160	1350	188.98	63302	3528	13829
21.7.18	PB 10	Each	16	170	1300	198.43			
21.7.19	PB 10A	Each	17	180	1200	248.8			
21.7.20	PB 11	Each	20	190	1080	327.25			

RATES FOR "UNIQUE" MAKE- "TC" TYRE TYPE AUTOMATIC FLEXIBLE CUSHION COUPLING

(Rates are inclusive of CP, cartage and exclusive of GST)

DJB Item Code	SOR Reference	Unit	Description			Rates Rs.	
			MAX BORE MM	MAX SPEED RPM	HP RATING/100 RPM	COPMLETE COUPLING	SPARE TYRE
21.8.1	TC/Z/001	Each	9	6000	0	518	140
21.8.2	TC/Z/002	Each	11	6000	0	648	212
21.8.3	TC/Z/003	Each	14	6000	0	734	212
21.8.4	TC/Z/004	Each	18	5500	0	783	261
21.8.5	TC/Y/005	Each	20	5500	0.07	1008	261
21.8.6	TC/X/006	Each	22	5500	0.14	1089	351
21.8.7	TC/W/007	Each	24	5500	0.21	1089	351
21.8.8	TC/V/008	Each	28	5500	0.28	1467	468
21.8.9	TC/U/009	Each	32	5500	0.42	1818	666
21.8.10	TC/US/0095	Each	38	5500	0.55	2012	666
21.8.11	TC/T/010	Each	44	4400	0.63	2723	752
21.8.12	TC/S/011	Each	46	4300	0.77	3114	860
21.8.13	TC/R/012	Each	44	4200	0.98	3150	972
21.8.14	TC/Q/013	Each	50	3750	1.54	3902	1089
21.8.15	TC/P/014	Each	55	3200	2.10	4878	1175
21.8.16	TC/O/015	Each	70	2750	3.10	6966	1701
21.8.17	TC/N/016	Each	85	2700	6.60	9275	2151
21.8.18	TC/M/017	Each	90	2600	4.20	10580	2669
21.8.19	TC/L/018	Each	95	2550	8.40	14981	3236
21.8.20	TC/K/019	Each	100	2450	11	15494	3740

21.8.21	TC/J/020	Each	125	2200	16.80	23054	3960
21.8.22	TC/J/021	Each	125	2000	21	24669	4721
21.8.23	TC/H/022	Each	140	1700	33.60	37157	5796
21.8.24	TC/G/023	Each	140	1600	52	43722	7934
21.8.25	TC/F/024	Each	170	1300	75.20	61290	12951
21.8.26	TC/E/025	Each	145	1250	96.10	75387	25785



CHAPTER- 22

RUBBER / PVC HOSES/RUBBER SHEETS

22(a) RATES FOR 'JYOTI' MAKE RUBBER / PVC HOSES

(Rates are inclusive of CP, cartage and exclusive of GST)

DJB Item Code	SOR Reference	Description	Unit	Rates Rs.
22.1		Rubber water suction & discharge hose heavy duty , W/P 7 bar (kg /cm ²) of size IS: 3549.1983		
22.1.1	OEM rates	50 mm dia	Mtr.	490
22.1.2	OEM rates	63 mm dia	Mtr.	560
22.1.3	OEM rates	75 mm dia	Mtr.	630
22.1.4	OEM rates	100 mm dia	Mtr.	770
22.1.5	OEM rates	125 mm dia	Mtr.	1050
22.1.6	OEM rates	200 mm dia	Mtr.	1750
22.2		Rubber water suction & discharge hose heavy duty , W/P 10 bar (kgf /cm ²) IS: 3549-1983		
22.2.1	OEM rates	25 mm dia	Mtr.	298
22.2.2	OEM rates	38 mm dia	Mtr.	420
22.2.3	OEM rates	50 mm dia	Mtr.	532
22.2.4	OEM rates	63 mm dia	Mtr.	665
22.2.5	OEM rates	75 mm dia	Mtr.	770
22.2.6	OEM rates	100 mm dia	Mtr.	980
22.2.7	OEM rates	125 mm dia	Mtr.	1225
22.2.8	OEM rates	150 mm dia	Mtr.	1680
22.2.9	OEM rates	200 mm dia	Mtr.	2590
22.3.		PVC Suction Hose (General)		
22.3.1	OEM rates	50 mm dia	Mtr.	153
22.3.2	OEM rates	63 mm dia	Mtr.	207
22.3.3	OEM rates	75 mm dia	Mtr.	270
22.3.4	OEM rates	90 mm dia	Mtr.	389
22.3.5	OEM rates	100 mm dia	Mtr.	448

22(b)

RATES FOR 'JYOTI' MAKE RUBBER MATS FOR ELECTRICAL PURPOSE

(Rates are inclusive of CP, cartage and exclusive of GST)

DJB Item Code	SOR Reference	Description	Unit	Rates Rs.
22.4		Rubber mats for electrical purpose as per IS: 5424 – 1969, black, red, blue plain chequered of following thickness of:- (1mx 2 m)		
22.4.1	OEM rates	10 mm thickness	Each	2940
22.4.2	OEM rates	12.5 mm thickness	Each	3640
22.4.3	OEM rates	15 mm thickness	Each	4620
22.4.4	OEM rates	19 mm thickness	Each	5530
22.4.5	OEM rates	25 mm thickness	Each	7000

22(c)

RATES FOR INSULATING MATS FOR ELECTRICAL PURPOSE:-

(Rates are inclusive of CP, cartage and exclusive of GST)

DJB Item Code	SOR Reference	Description	Unit	Rates Rs.
		15652/2006		
22.5	OEM rates	Insulating mats for electrical purpose conforming to IS 1562/2000 of following sizes		
22.5.1	OEM rates	2mm thickness	Per Sqm	560
22.5.2	OEM rates	2.5mm thickness	Per Sqm	700
22.5.3	OEM rates	3mm thickness	Per Sqm	840

22(d)

RATES FOR 'JYOTI' MAKE NEOPRENE RUBBER SHEET:-

(Rates are inclusive of CP, cartage and exclusive of GST)

DJB Item Code	SOR Reference	Description	Unit	Rates Rs.
22.6		Neoprene Rubber Sheet:-	Unit	
22.6.1	OEM rates	50 % Neoprene (1.5 mm to 25 mm)	Per Kg	245
22.6.2	OEM rates	75 % Neoprene (1.5 mm to 25 mm)	Per Kg	315
22.6.3	OEM rates	100 % Neoprene (1.5 mm to 25 mm)	Per Kg	385



CHAPTER- 23

SODIUM HYPO CHLORITE SOLUTION

23(a) Rates for ‘Chopra’s make Sodium Hypo Chlorite Solution:
(Rates are inclusive of CP, cartage and exclusive of GST)

DJB Item Code	SOR Reference	Description	Unit	Rates Rs.
23.1.1	OEM	Sodium Hypo Chlorite Solution having 9% to 12% available chlorine in disposable PVC Jerry Cane of 35 Ltr each	Per Ltr	10.74

CHAPTER- 24

FIRE FIGHTING EQUIPMENTS

24(a) RATES FOR FIRE FIGHTING EQUIPMENTS

(Rates are inclusive of CP, cartage and exclusive of GST)

DJB Item Code.	SOR Reference	Description	Unit	Rates Rs.
24.1	OEM rates	CO2 type fire extinguisher ISI marked conforming to IS: 15683, complete with delivery hose horn, wheel type release valve, locking arrangement, operation manual and bracket, operating temperature:-30 ⁰ C to +60 ⁰ C of following capacity: Life Guard Make		
24.1.1		2 Kg	Each	4712
24.1.2		3 Kg	Each	5525
24.1.3		4.5 Kg	Each	6337
24.2	OEM rates	CO2 Wheeled fire extinguisher ISI marked conforming to IS: 16018. Complete with composite trolley with handle & wheel, operation manual, wheel type release valve, locking arrangement and shut-off valve fitted with delivery house horn, operating temperature:- 30 ⁰ C to + 55 ⁰ C of following capacity:		
24.2.1		6.5 Kg	Each	10075
24.2.2		9 Kg	Each	11700
24.2.3		22.5 Kg	Each	21125
24.3	OEM rates	Refilling of fire extinguisher CO2 type of following capacity:		
24.3.1		2 Kg	Each	195
24.3.2		3 Kg	Each	260
24.3.3		4.5 Kg	Each	357
24.3.4		6.5 Kg (wheeled type)	Each	552
24.3.5		9 Kg (wheeled type)	Each	617
24.3.6		22.5 Kg (wheeled type)	Each	1560
24.4	OEM rates	Accessories for firefighting :-		
24.4.1		Heavy duty leek proof fire bucket as per IS: 2546/1974	Each	975
24.4.2		Fire bucket stand for six buckets	Each	975

Note: Life Guard / Cease Fire / Omax / Minimax and other OEM Makes.

CHAPTER-25

ASBESTOS GLAND PACKING

Rates for Gland Packing

(Rates are inclusive of CP, cartage and exclusive of GST)

DJB Item Code.	SOR Reference	Description of Item	Unit	Rates Rs.
25.1	Mkt Rates	Asbestos Graphite lubricated gland packing (non-metallic) style no. 1100		
25.1.1	Mkt Rates	6 mm to 32 mm	KG	474/-
25.2	Mkt Rates	Gland Packing Greased & Graphite (non-metallic) style no. 101		
25.2.1	Mkt Rates	6 mm to 32 mm	KG	568/-

CHAPTER-26

ANNUAL MAINTENANCE CONTRACT FOR RISING MAINS OF VARIOUS INSTALLATIONS

(These Rates are inclusive of G.S.T, Contractor's Profit, Overheads, Carriage & other Levies etc.)

DJB Item Code	SOR Reference	Description	Unit	Rates Rs.
26.1.1	DSR 2021/0020	Hydraulic Excavator (3 D) with Driver and Fuel.	Per Hour	1170.69
26.1.2	DSR 2021/0028	Hire and running charges of crane 20 Tonne Capacity.	Per Hour	1170.69
26.1.3	DSR 2021/0070	Hiring of 100/125 KVA heavy duty DG Set at site with fuel and operator.	Per Hour	401.37
26.1.4	DSR 2021/0040	Hiring Charges of breaker with tractor, air compressor 250 CFM with two leads.	Per Hour	267.58
26.1.5	DSR 2021/10.22/186	Welding by gas or electric plant complete i/c transportation of plant at site etc.	cm	3.40
26.1.6	DSR 2021/2.6	Earth work in excavation mechanical means (Hydraulic excavator)/manual means in foundation trenches or drains (not exceeding 1.5 m in with or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.	Cum	205.45
26.1.7	DSR 2021/2.9.1	Earth work in a excavation by mechanical means (Hydraulic excavator)/manual means in foundation trenches or drains (not exceeding 1.5 m in with or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of surplus excavated soils as directed, within a lead of 50 m. i) Ordinary Rock ii) Hard Rock (Required Blasting) iii) Hard Rock (Blasting Prohibited)	Cum Cum Cum	523.55 846.25 1258.60
26.1.8	Approved Rate	Providing push on joints to centrifugally (Spun) cast iron pipes or ductile pipes including testing of joints and including the cost of rubber gasket. a) 600 mm dia.	each	928.90

		b) 700 mm dia. c) 800 mm dia. d) 900 mm dia. e) 1000 mm dia.	each each each each	1404.95 1546.15 1962.20 2277.50
26.1.9	Approved Rate	Providing and fixing 2.0 m high corrugated GI sheet barricading with safeda ballies of 100 mm dia. 2.8 meter long post 30 cm girth (min.) for CGI sheet and every 12 th post to be strutted with bathes and fixing with nails etc. including excavation soil and then returning the soil including consolidating by ramming, watering etc. disposal of surplus earth as directed within lead of 50.0 meter and lift of 1.5 meter and painting with bright red and white paint vertical strips 0.30 m wide and 1.25 m apart centre to centre as per drawing as directed by the Engineer-in-Charge.	Sqm	51.50
26.1.10	Approved Rate	Providing and Fixing of 2.00 mt high MS sheet barricading with frame of angle iron 40x40x6 mm every post to approved be welded with MS channel SIC 100x50x6.4 mm horizontal i/c making holes in the Rate channel and for providing embedding of 16 mm dia. Round torque bars in the road as per drawing as directed by the engineer in charge.	Per Meter of 2 mtr height	294.55
26.1.11	DSR 2021/5.9.1	Centering and shuttering including strutting, propping etc. and removal of form work for Foundations, footings, bases for columns for all heights etc. for mass concrete.	Sqm	307.95
26.1.12		Providing lead caulked joint to spun iron or CI pipe and specials i/c testing of joints but excluding the cost of pig lead		
26.1.13	DSR 2021/18.28	a) 600 mm dia.	Each	2653.90
26.1.14	Approved Rate	b) 700 mm dia.	Each	3149.15
26.1.15	Approved Rate	c) 800 mm dia.	Each	3477.60
26.1.16	Approved Rate	d) 900 mm dia.	Each	4096.90
26.1.17	Approved Rate	e) 1000 mm dia.	Each	4497.35
26.1.18	DSR 2021/0011	Hire charges of pump set capacity 4000 Ltrs per hour or 32 KL per day i/c cost of operating staff and s/o lubricant oil.	Per Hour	117.06
26.1.19	Approved Rate	Providing and constructing bund with filled up earth in empty (PVC) cement bags (excluding the cost of earth which	each	20.55

		will be available at site of work) i/c stitching and stacking and placing in position etc. complete and i/c cost of empty plastic bags and removal of the same after completion of the work.		
26.1.20	DSR 2021/4.1.8	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering all work up to plinth level for road restoration if required. 1:4:8 (1 cement: 4 coarse sand: 8 graded stone aggregate 40 mm nominal size).	Cum	6326.05
26.1.21	DSR 2021/16.75	Providing and laying C.C. pavement of mix M-25 with ready mixed concrete from batching plant. The ready mixed concrete shall be laid and finished with screed board vibrator, vacuum, dewatering process and finally finished by floating, booming with wire brush etc. complete as per specification and direction of Engineer-in-Charge. (The panel shuttering work shall be paid for separately.)	Cum	8277.55
26.1.22	Approved Rate	Supply of MS pipe made out of 8 mm Thick MS plate i/c welding, cutting, painting both Approved side with black anticorrosive bituminous paint of approved brand and tested to a head of Rate 15 kg/sqm conforming to IS 3589/1981, IS 7322-1974, IS 784-1978 and relevant codes i/c cost of plate and carriage at site complete as directed by Engineer-in-Charge. (actual weight will be paid) A/R	Kg	72
26.1.23	Approved Rate	Supply of MS special-made out of 10 mm thick- MS plate painting both sides with black anticorrosive bituminous paint of approved brand and tested to a head of 15 kg/sqm conforming to IS 3589/1981, IS 7322-1974, IS 784-1978 and relevant codes i/c cost of plate and carriage at site complete as directed by Engineer-in-Charge. (actual weight will be paid)	Kg	74
26.1.24	DSR 2021/18.29	Supply of pig lead at site work.	Qtl	28116.20
26.1.25	DSR 2021/16.3	Supply, stacking of good earth at site i/c royalty and carriage etc.	Cum	624.55
26.1.26	DSR 2021/16.64	Providing and laying 75 mm thick compacted bed of dry brick aggregate of	Sqmm	196.30

		40 mm thick nominal size including spreading, well ramming, consolidating and grouting with Jamuna sand including finishing smooth etc. complete as per direction of Engineer-in-Charge.		
26.1.27	DSR 2021/14.23	Pumping out of water by springs tidal, or river seepage broken water main or drain and the like.	KL	190.40
26.1.28	Approved Rate	Supply of MS pipe of all sizes.	Kg	72
26.1.29	Approved Rate	Supply of MS specials of all sizes.	Kg	74



CHAPTER-27

LOWERING & LIFTING OF SUBMERSIBLE PUMP SETS

(Rates are inclusive of CP, Overheads and cartage)

DJB Item Code	SOR Reference	Description	Unit	Rates Rs.
27.1	Approved Rate	Lowering & lifting of sub/sets from bore by taking out double flanged GI pipes, submersible P/Set, Cable, cutting of rusted nuts and boltsetc and replacement of damaged D/F GI pipes, cable, defective pump set etc as per site requirement and lowering of sub P/set, sub cable, GI Pipe etc as required, jointing of cable from sub P/Set along with holding of cable with pipes and jointing of D/F pipes etc with nuts bolts and rubber packing etc. The job includes hiring of all T&P, tripod stand, chain pulley block and other material handling equipments, Safety gadgets ad required and consumable material (rubber packing and Nuts bolts) will be arranged by the firm as per site requirement. The other material required during execution will be provided by department.		
27.1.1	Approved Rate	Up to the depth of 250 feet.	Each	5329
27.1.2	Approved Rate	Beyond the depth of 250 feet	Each	6615

CHAPTER-28

HIRING & RUNNING CHARGES OF SEWAGE TROLLEY INCLUDING D.G. SET WITHOUT DIESEL EXCLUDING OTHER E&M ACCESSORIES

(Rates are inclusive of CP & cartage)

DJB Item Code	SOR Reference	Description	Unit	Rates Rs.
28.1	Approved Rate	Hiring & Running Charges of Sewage Trolley Including D.G. Set without Diesel Excluding other E&M Accessories.		
28.1.1	Approved Rate	10 HP pump-set with 20 KVA DG Set	Per Shift	2735
28.1.2	Approved Rate	15 HP pump-set with 30 KVA DG Set	Per Shift	3247
28.1.3	Approved Rate	20 HP pump-set with 40 KVA DG Set	Per Shift	3315
28.1.4	Approved Rate	25 HP pump-set with 50 KVA DG Set	Per Shift	3500
28.1.5	Approved Rate	30 HP pump-set with 62.5 KVA DG Set	Per Shift	3616

Consumption pattern of Fuel (Diesel)

Generator Capacity	Approximate Fuel (Diesel) consumption			
	¼ Load (Ltrs. Per Hour)	½ Load (Ltrs. Per Hour)	¾ Load (Ltrs. Per Hour)	Full Load (Ltrs. Per Hour)
20KVA	1	3	4	5
30 KVA	2	4	5	7
40 KVA	3	5	8	10
50 KVA	3	6	9	12
60 KVA	4	7.8	10.8	13.9

CHAPTER-29

DISCOUNT OFFERED ON THE APPLICABLE RATE LISTS OF VARIOUS OEMs

29 (a) Discount Offered in ‘Schneider Electric’ Electrical Products as given below on the applicable price list:-

DJB Item Code	Description	Discount (in %)
29.1.1	Air Circuit Breaker (ACB's) Modular Case Circuit Breakers (MCCB's) AC Contactor Miniature Circuit Breakers (MCBs)	30%
29.1.2	Motor Protection Circuit Breakers Metering- Ammeter, Voltmeter, Energy Meters (standard) Power Supply Modules (SMPS) Capacitor Components	20%
29.1.3	Accessories for Air Circuit Breaker Accessories for MCCB's Accessories for AC Contactors Indicating Lights Push Buttons Electric Overload Relays SMART Plug In Relays- Zelio range	15%

29 (b) Discount Offered in ‘C&S’ Electrical Products as given below on the applicable price list:-

DJB Item Code	Description	Discount (in %)
29.2.1	Air Circuit Breaker (ACB)	35%
29.2.2	MCCB	35%
29.2.3	Switch Disconnecter/ Fuses	35%
29.2.4	On Load Changeover	35%
29.2.5	Power Contactor	35%
29.2.6	Starters DOL/ Star Delta	30%
29.2.7	Digital Meters/ APFC Relay	30%
29.2.8	MCB/ RCCB	35%
29.2.9	Push Button/ Indicating Lamp	30%
29.2.10	Industrial Plug & Socket	30%
29.2.11	Spares	20%

Note: The Price lists have to be obtained from Manufacturers or Authorised Dealer duly signed & stamped through official communications only.

29 (c) Discount Offered in ‘L&T’ Electrical & Automation Products as given below on the applicable price list:-

DJB Item Code	Description	Discount (in %)
29.3.1	Power Gear :- a. Moulded Case Circuit Breakers (MCCB) - DU & Accessories - Dsine& Accessories b. Air Circuit Breakers - C Power & Accessories c. On Load Changeover Switch-Disconnectors d. Switch Disconnecter-Fuse Units, HRC Fuses & SDs	20% 30% 30% 20% 20%
29.3.2	Switching & Control :- a. Contactors & Accessories - MNX/MCX/MOC/MDX - MO - ML b. Spares	20% 30% 20% 20%
29.3.3	Motor Protection Solutions :- a. Thermal Overload Relays - MNX - MO b. Motor Protection Circuit Breakers - MPCB	20% 30% 20%
29.3.4	Starters :- a. Motor Starters - Dol/Star Delta	20%
29.3.5	Energy Management :- a. Power Quality - Capacitors b. Protection Relays - Relays c. Metering Device - Meters d. Energy Management Solutions - Meters	20% 20% 20% 20%
29.3.6	Final Distribution Products :- a. Distribution Board - DB b. Miniature Circuit Breaker - MCB c. Panel Accessories Range	20% 20% 20%

29 (d) Discount Offered in ‘Havells’ Electrical Products as given below on the applicable price list:-

DJB Item Code	Description	Discount (in %)
29.4.1	Discount offered on Switchgear Items on Rates List	35%
29.4.2	Discount offered on Professional Luminaries on Rates List	35%
29.4.3	Discount offered on L.V. Induction Motors on Rates List	35%

Note: The Price lists have to be obtained from Manufacturers or Authorised Dealer duly signed & stamped through official communications only.

29 (e) Discount Offered in ‘Siemens’ Electrical Products as given below on the applicable price list:-		
DJB Item Code	Description	Discount (in %)
29.5.1	Rates List of low voltage control products	@30%
29.5.2	Rates List of low voltage power distribution products	@30%
29.5.3	Rates List of electrical installations	@30%

29 (f) Discount Offered in ‘BCH’ Electrical Products as given below on the applicable price list:-		
DJB Item Code	Description	Discount (in %)
29.6.1	Rates List of Electrical Products	@20%

29 (g) Discount Offered in ‘ABB’ Electrical Products as given below on the applicable price list:-		
DJB Item Code	Description	Discount (in %)
29.7.1	Rates List of Electrical Products	@40%

29 (h) Discount Offered in ‘SKF’ Bearings as given below on the applicable price list:-		
DJB Item Code	Description	Discount (in %)
29.8.1	Rates List of ‘SKF’ Bearings	@25%

29 (i) Discount Offered in ‘Schaeffler’ (FAG) Bearings as given below on the applicable price list:-		
DJB Item Code	Description	Discount (in %)
29.9.1	Rates List of ‘Schaeffler’ (FAG) Bearings	@25%

29 (j) Discount Offered in National Engineering Industries Ltd. ‘NBC’ Bearings as given below on the applicable price list:-		
DJB Item Code	Description	Discount (in %)
29.9.1	Rates List of ‘NBC’ Bearings	@25%

Note: The Price lists have to be obtained from Manufacturers or Authorised Dealer duly signed & stamped through official communications only.

29 (k) Discount Offered in ‘UNIK’ brand pipe fitting as given below on the applicable price list:-		
DJB Item Code	Description	Discount (in %)
29.10.1	Rates List of ‘UNIK’ brand pipe fittings and accessories	@35%

29 (l) Discount Offered in ‘GLOSTER’ make Cables as given below on the applicable price list:-		
DJB Item Code	Description	Discount (in %)
29.11.1	LT Aluminium Cables against each required size	@45%
29.11.2	LT Copper Cables against each required size	@45%
29.11.3	HT Aluminium Multicore Cables against each required size	@45%
29.11.4	Flexible wires against each required size	@35%
29.11.5	Submersible Flat Cables	@35%
29.11.6	Instrumentation Cables	@25%
Discount Offered in ‘GRANDLEY’ make Cables as given below on the applicable price list:-		
DJB Item Code	Description	Discount (in %)
29.12.1	LT Aluminium Cables against each required size	@45%
29.12.2	LT Copper Cables against each required size	@45%
29.12.3	Armoured Copper Power Cables	@45%
29.12.4	Flexible wires against each required size	@45%
29.12.5	Submersible Flat Cables	@45%
29.12.6	Instrumentation Cables	@45%
Discount Offered in ‘HAVELLS’ make Cables as given below on the applicable price list:-		
DJB Item Code	Description	Discount (in %)
29.13.1	LT Aluminium Cables against each required size	@35%
29.13.2	LT Copper Cables against each required size	@35%
29.13.3	Armoured Copper Power Cables	@35%
29.13.4	Flexible wires against each required size	@35%
29.13.5	Flat Cables	@35%
29.13.6	Instrumentation Cables	@35%
29.13.7	Submersible Cables	@35%

Note: The Price lists have to be obtained from Manufacturers or Authorised Dealer duly signed & stamped through official communications only.

CHAPTER-30

30(a) Rates for "Premium" Make Gearboxes & Spares.

(Rates are inclusive of CP and exclusive of cartage & GST)

DJB Item Code	SOR Reference	Description	Unit	Rates Rs.
30.1	OEM Rates	Complete Gearbox Model – VH3M-225, 31.4/1,P1, WITH MFA & I/P CPLG,P1 Make Premium Additional Specification:- - Complete gearbox in two part casing body - Lubrication for bearings with piping by Lube Oil pump (Internal Pump), - Three Stage Vertical Type Gearbox with Motor flange	Each	2023535
30.2	OEM Rates	Complete Gearbox Model - VH2M-225, 25.6/1,P1, WITH MFA & I/P CPLG,P1 Make Premium Additional Specification:- - Complete gearbox in two part casing body - Lubrication for bearings with piping by Lube Oil pump (Internal Pump), - Three Stage Vertical Type Gearbox with Motor flange		1749794
30.3	OEM Rates	Complete Gearbox Model - Gearbox Model VH2M-200, Ratio - 25.6/1 WITH MFA & I/P CPLG,P1 Make Premium Additional Specification:- - Complete gearbox in two part casing body - Lubrication for bearings with piping by Lube Oil pump (Internal Pump), - Three Stage Vertical Type Gearbox with Motor flange		1663942
30.4	OEM Rates	Complete Gearbox Model STD - U 400 2W, Ratio 50/1 R		120667
30.5	OEM Rates	Complete Gearbox Model STD - V 400 2W, Ratio 50/1 LY		
30.6	OEM Rates	Complete Gearbox Model STD -A337, Ratio 30/1 LD24		5336
30.7	OEM Rates	Complete Gearbox Model V-1700, Ratio-40/1 HDS LY SP		4344312

CHAPTER-31

RATES BASED ON DSR (E&M) 2018

(These rates are inclusive of GST, Contractors Profit, Overheads & Carriage etc.)

WIRING			
DJB Item Code	Item Code DSR (E&M) 2018	Description	Unit Rates Rs.
WIRING IN STEEL AND PVC CONDUIT			
31.1	1.1	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface/recessed teel conduit,with piano types witch,phenol claminated sheet,suitable size MS box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.	
31.1.1	1.1.1	Group A	Point 821
31.1.2	1.1.2	Group B	Point 937
31.1.3	1.1.3	Group C	Point 1189

(These Rates are inclusive of GST, Contractors Profit, Over heads Carriage etc.)

31.2	1.2	Wiring for twin control light point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed steel conduit, 2 way piano type switch, phenolic laminated sheet, suitable size MS box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.	Point	1198
31.3	1.3	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed steel conduit, with modular witch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.		
31.3.1	1.3.1	Group A	Point	845
31.3.2	1.3.2	Group B	Point	961
31.3.3	1.3.3	Group C	Point	1213
31.4	1.4	Wiring for twin control light point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed steel conduit, 2 way modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc. as required.	Point	1290

31.5	1.5	Wiring for light/power plug with 2X4 sq.mm FRLS PVC insulated copper conductor single core cable in surface/ recessed steel conduit alongwith 1 No. 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required.	Metre	265
31.6	1.6	Wiring for light/ power plug with 4X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed steel conduit alongwith 2 Nos. 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required	Metre	392
31.7	1.7	Wiring for circuit/submain wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required.		
31.7.1	1.7.1	2X1.5sq.mm+1 X1.5sq.mm earthwire	Metre	208
31.7.2	1.7.2	2X2.5sq.mm+1 X2.5sq.mm earthwire	Metre	229
31.7.3	1.7.3	2 X 4 sq. mm + 1 X 4 sq. mm earthwire	Metre	263
31.7.4	1.7.4	2 X 6 sq. mm + 1 X 6 sq. mm earthwire	Metre	356
31.7.5	1.7.5	2 X 10 sq. mm + 1 X 6 sq. mm earthwire	Metre	426
31.7.6	1.7.6	2 X 16 sq. mm + 1 X 6 sq. mm earthwire	Metre	555
31.7.7	1.7.7	4X2.5sq.mm+2X2.5sq.mmearthwire	Metre	339
31.7.8	1.7.8	4 X 4 sq. mm + 2 X 4 sq. mm earthwire	Metre	406
31.7.9	1.7.9	4 X 6 sq. mm + 2 X 6 sq. mm earthwire	Metre	529
31.7.10	1.7.10	4 X 10 sq. mm + 2 X 6 sq. mm earthwire	Metre	670
31.7.11	1.7.11	4 X 16 sq. mm + 2 X 6 sq. mm earthwire	Metre	946
31.8	1.8	Wiring for light point/fanpoint/exhaustfan point/callbell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in		

31.8.1	1.8.1	surface / recessed medium class PVC conduit, with piano type switch, phenolic laminated sheet, suitable size M.S. box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc. as required.		Point	694
31.8.2	1.8.2	GroupA		Point	759
31.8.3	1.8.3	GroupB		Point	966
31.9	1.9	GroupC Wiring for twin control lightpoint with 1.5sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, 2way piano type switch,phenol claminated sheet,suitable size MS box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc. as required.		Point	975
31.10	1.10	Wiring for lightpoint/fanpoint/exhaust fan point/callbell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.		Point	717
31.10.1	1.10.1	GroupA		Point	783
31.10.2	1.10.2	GroupB		Point	990
31.10.3	1.10.3	GroupC		Point	
31.11	1.11	Wiring for twin control light point with 1.5 sq.mm			

			FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, 2 way modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLSPVC insulated copper conductor single core cable etc. as required.	Point	1057
31.12	1.12		Wiring for light/ power plug with 2X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/recessed medium class PVC conduit alongwith 1 No. 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing asrequired.	Metre	200
31.13	1.13		Wiring for light/ power plug with 4X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed medium class PVC conduit alongwith 2 Nos. 4 sq. mm FRLS PVC insulated copper conductor single core cable forloop earthing as required.	Metre	308
31.14	1.14		Wiring for circuit/submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required.		
31.14.1	1.14.1		2X1.5sq.mm+1 X1.5sq.mm earthwire	Metre	146
31.14.2	1.14.2		2X2.5sq.mm+1 X2.5sq.mm earthwire	Metre	167
31.14.3	1.14.3		2 X 4 sq. mm + 1 X 4 sq. mm earthwire	Metre	200
31.14.4	1.14.4		2 X 6 sq. mm + 1 X 6 sq. mm earthwire	Metre	249
31.14.5	1.14.5		2 X 10 sq. mm + 1 X 6 sq. mm earthwire	Metre	328

31.14.6	1.14.6	2 X 16 sq. mm + 1 X 6 sq. mm earthwire	Metre	419
31.14.7	1.14.7	4X2.5sq.mm+2 X2.5sq.mm earthwire	Metre	233
31.14.8	1.14.8	4 X 4 sq. mm + 2 X 4 sq. mm earthwire	Metre	308
31.14.9	1.14.9	4 X 6 sq. mm + 2 X 6 sq. mm earthwire	Metre	394
31.14.10	1.14.10	4 X 10 sq. mm + 2 X 6 sq. mm earthwire	Metre	543
31.14.11	1.14.11	4 X 16 sq. mm + 2 X 6 sq. mm earthwire	Metre	752
31.15	1.15	Rewiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable and 1.5 sq.mm FRLS PVC insulated copper conductor single core cable as earth wire in existing surface/ recessed steel/PVC conduit including dismantling as required.		
31.15.1	1.15.1	GroupA	Point	416
31.15.2	1.15.2	GroupB	Point	447
31.15.3	1.15.3	GroupC	Point	640
31.16	1.16	Rewiring for twin control light point with 1.5sq.mm.FRLS PVC insulated copper conductor single core cable and 1.5 sq.mm FRLS PVC insulated copper conductor single core cable as earth wire in existing surface/ recessed steel/PVC conduit including dismantling as required.	Point	640
31.17	1.17	Supplying and drawing following sizes of FRLSPVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required		
31.17.1	1.17.1	1 x 1.5 sq. mm	Metre	29

31.17.2	1.17.2	2 x 1.5 sq. mm	Metre	41
31.17.3	1.17.3	3 x 1.5 sq. mm	Metre	54
31.17.4	1.17.4	4 x 1.5 sq. mm	Metre	67
31.17.5	1.17.5	5 x 1.5 sq. mm	Metre	87
31.17.6	1.17.6	6 x 1.5 sq. mm	Metre	100
31.17.7	1.17.7	7 x 1.5 sq. mm	Metre	121
31.17.8	1.17.8	8 x 1.5 sq. mm	Metre	133
31.17.9	1.17.9	9 x 1.5 sq. mm	Metre	162
31.17.10	1.17.10	10 x 1.5 sq. mm	Metre	175
31.17.11	1.17.11	2 x 2.5 sq. mm	Metre	55
31.17.12	1.17.12	3 x 2.5 sq. mm	Metre	75
31.17.13	1.17.13	4 x 2.5 sq. mm	Metre	95
31.17.14	1.17.14	5 x 2.5 sq. mm	Metre	122
31.17.15	1.17.15	6 x 2.5 sq. mm	Metre	142
31.17.16	1.17.16	7 x 2.5 sq. mm	Metre	170
31.17.17	1.17.17	8 x 2.5 sq. mm	Metre	190
31.17.18	1.17.18	9 x 2.5 sq. mm	Metre	225
31.17.19	1.17.19	10 x 2.5 sq. mm	Metre	245
31.17.20	1.17.20	2 x 4 sq. mm	Metre	86
31.17.21	1.17.21	3 x 4 sq. mm	Metre	117
31.17.22	1.17.22	4 x 4 sq. mm	Metre	156
31.17.23	1.17.23	5 x 4 sq. mm	Metre	190
31.17.24	1.17.24	6 x 4 sq. mm	Metre	221
31.17.25	1.17.25	7 x 4 sq. mm	Metre	253
31.17.26	1.17.26	8 x 4 sq. mm	Metre	284
31.17.27	1.17.27	9 x 4 sq. mm	Metre	318
31.17.28	1.17.28	10 x 4 sq. mm	Metre	357
31.17.29	1.17.29	2 x 6 sq. mm	Metre	122

31.17.30	1.17.30	3 x 6 sq. mm	Metre	167
31.17.31	1.17.31	4 x 6 sq. mm	Metre	220
31.17.32	1.17.32	5 x 6 sq. mm	Metre	265
31.17.33	1.17.33	6 x 6 sq. mm	Metre	326
31.17.34	1.17.34	7 x 6 sq. mm	Metre	371
31.17.35	1.17.35	8 x 6 sq. mm	Metre	424
31.17.36	1.17.36	9 x 6 sq. mm	Metre	469
31.17.37	1.17.37	10 x 6 sq. mm	Metre	518
31.18	1.18	Supplying and drawing following pair 0.5 mm dia FRLS PVC insulated annealed copper conductor, unarmored telephone cable in the existing surface/recessed steel/PVC conduit as required.		
31.18.1	1.18.1	1Pair	Metre	19
31.18.2	1.18.2	2Pair	Metre	20
31.18.3	1.18.3	4Pair	Metre	29
31.19	1.19	Supplying and drawing co-axial TV cable RG-6 grade, 0.7mm solid copper conductor PE insulated, shielded with fine finned copper braid and protected with PVC sheath in the existing surface/ recessed steel/ PVC conduit as required.	Metre	33
31.20	1.20	Supplying and fixing of following sizes of steel conduit alongwith accessories in surface/recess including painting in case of surface conduit, or cutting the wall and making good the same in case of recessed conduit as required.		
31.20.1	1.20.1	20mm	Metre	146
31.20.2	1.20.2	25mm	Metre	165
31.20.3	1.20.3	32mm	Metre	203

31.20.4	1.20.4	40mm		Metre	292
31.20.5	1.20.5	50mm		Metre	368
31.21	1.21	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.			
31.21.1	1.21.1	20mm		Metre	84
31.21.2	1.21.2	25mm		Metre	90
31.21.3	1.21.3	32mm		Metre	92
31.21.4	1.21.4	40mm		Metre	130
31.21.5	1.21.5	50mm		Metre	158
31.22	1.22	Supplying and fixing metal box of following sizes (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including painting etc.as required.			
31.22.1	1.22.1	75 mm X 75 mm X 60 mmdeep		Each	140
31.22.2	1.22.2	100 mm X 100 mm X 60 mmdeep		Each	160
31.22.3	1.22.3	150 mm X 75 mm X 60 mmdeep		Each	165
31.22.4	1.22.4	150 mm X 150 mm X 60 mmdeep		Each	232
31.22.5	1.22.5	180 mm X 100 mm X 60 mmdeep		Each	183
31.22.6	1.22.6	200 mm X 125 mm X 60 mmdeep		Each	239
31.22.7	1.22.7	200 mm X 150 mm X 60 mm deep		Each	261
31.22.8	1.22.8	200 mm X 150 mm X 75 mm deep		Each	268
31.22.9	1.22.9	200 mm X 250 mm X 60 mm deep		Each	335
31.22.10	1.22.10	200 mm X 250 mm X 75 mm deep		Each	351
31.22.11	1.22.11	200 mm X 150 mm X 100 mm deep		Each	308
31.22.12	1.22.12	200 mm X 250 mm X 100 mm deep		Each	366

31.22.13	1.22.13	200 mm X 300 mm X 60 mm deep	Each	387
31.22.14	1.22.14	200 mm X 300 mm X 100 mm deep	Each	403
31.22.15	1.22.15	250 mm X 300 mm X 60 mm deep	Each	426
31.22.16	1.22.16	250 mm X 300 mm X 100 mm deep	Each	465
31.23	1.23	Supplying and fixing following piano type switch/socket on the existing switch box/ cover including connections etc as required.		
31.23.1	1.23.1	5/6 amps switch	Each	45
31.23.2	1.23.2	2 way 5/6 A switch	Each	54
31.23.3	1.23.3	15/16 A switch	Each	110
31.23.4	1.23.4	3 pin 5/6 A socketoutlet	Each	58
31.23.5	1.23.5	6 pin 15/16 A socketoutlet	Each	128
31.23.6	1.23.6	Telephone socketoutlet	Each	75
31.23.7	1.23.7	TV antenna socketoutlet	Each	76
31.23.8	1.23.8	Bellpush	Each	64
31.24	1.24	Supplying and fixing following modular switch/socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.		
31.24.1	1.24.1	5/6 A switch	Each	85
31.24.2	1.24.2	2 way 5/6 A switch	Each	123
31.24.3	1.24.3	15/16 A switch	Each	132
31.24.4	1.24.4	3 pin 5/6 A socket outlet	Each	111
31.24.5	1.24.5	6 pin 15/16 A socket outlet	Each	175
31.24.6	1.24.6	Telephone socketoutlet	Each	119
31.24.7	1.24.7	TV antenna socketoutlet	Each	119
31.24.8	1.24.8	Bellpush	Each	126

31.25	1.25	Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. as required.	Each	342
31.26	1.26	Supplying and fixing modular blanking plate on the existing modular plate & switch box excluding modular plate as required.	Each	32
31.27	1.27	Supplying and fixing following size/ modules, GI box alongwith modular base & cover plate for modular switches in recess etc. as required.		
31.27.1	1.27.1	1 or 2 Module(75mmX75mm)	Each	243
31.27.2	1.27.2	3 Module(100mmX75mm)	Each	267
31.27.3	1.27.3	4 Module (125mmX75mm)	Each	287
31.27.4	1.27.4	6 Module (200mmX75mm)	Each	333
31.27.5	1.27.5	8 Module (125mmX125mm)	Each	383
31.27.6	1.27.6	12 Module (200mmX150mm)	Each	434
31.28	1.28	Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required.		
31.28.1	1.28.1	1 or 2 Module	Each	114
31.28.2	1.28.2	3 Module	Each	128
31.28.3	1.28.3	4 Module	Each	138
31.28.4	1.28.4	6 Module	Each	167
31.28.5	1.28.5	8 Module	Each	196
31.28.6	1.28.6	12 Module	Each	227

31.29	1.29	Supplying and fixing metal box of 150mm X 75mm X 60mmdeep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including providing and fixing 3 pin 5/6 A socket outlet and 5/6 A piano type switch,connections, painting etc. as required.	Each	285
31.30	1.30	Supplying and fixing metal box of 180mm X 100mm X 60mmdeep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including providing andfixing 6 pin 5/6 & 15/16 A socket outlet and 15/16 A piano typeswitch, connections, painting etc. as required.	Each	406
31.31	1.31	Supplying and fixing suitable size GI box with modular plate andcover in front on surface or in recess, including providing andfixing 3 pin 5/6 A modular socket outlet and 5/6 A modular switch, connections etc. as required.	Each	401
31.32	1.32	Supplying and fixing suitable size GI box with modular plate andcover in front on surface or in recess, including providing and fixing 6 pin 5/6 & 15/16 A modular socket outlet and 15/16 A modular switch, connections etc. as required.	Each	495
31.33	1.33	Supplying and fixing 3 pin, 5 A ceiling rose on the existing junction box/ wooden block including connections etc. asrequired.	Each	65
31.34	1.34	Supplying and fixing brass batten/ angle holder including connection etc. as required.	Each	117

31.35	1.35	Installation, testing, commissioning of wall bracket / ceiling fittings of all sizes and shapes containing upto two GLS/CFL/LEDlamps per fitting, complete with all accessories including connections etc. as required.	Each	98
31.36	1.36	Supplying and fixing stiff pendent with 300mm long, 20mm dia X 1.6 mm thick steel conduit, aluminium cast back plate and brass holder complete, including wiring the down rod with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable and painting etc. as required.	Each	243
31.37	1.37	DELETED		
31.38	1.38	Supplying and fixing call bell/ buzzer suitable for single phase, 230 V, complete as required	Each	92
31.39	1.39	Providing and fixing plain 16/0.20mm (0.50sqmm) twin flat flexible, FRLS PVC insulated, copper conductor cable, in PVC sleeve of suitable size on the floor/ wall, or side of the table/ door etc. as required.	Metre	26
31.40	1.40	Providing and fixing plain 16/0.20mm (0.50sqmm) twin circular flexible FRLS PVC insulated, PVC sheathed copper conductor cable direct on the wall with PVC clips etc. as required.	Metre	21
31.41	1.41	Installation, testing and commissioning of pre-wired, fluorescent fitting / compact fluorescent fitting of all types, complete with all accessories and tube/lamp etc. directly on ceiling/ wall, including connections with 1.5 sq. mm FRLS PVC Insulated, copper conductor, single core cable and earthing etc. as required.	Each	168

31.42	1.42	Installation, testing and commissioning of pre-wired, fluorescent fitting / compact fluorescent fitting of all types, complete with all accessories and tube/lamp etc., including supplying and fixing ball and socket arrangement, 2 Nos. down rods of 20 mm dia X 1.6 mm thick steel conduit upto 30 cm length, painting and wiring the down rods and connections with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable and earthing etc. as required	Each	358
31.43	1.43	Providing and fixing extra conduit down rod of 20mm dia, 2X10 cm length, wiring with 2 X 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable including painting etc. as required. (Note: More than 5cm length shall be rounded to the nearest 10 cm and 5 cm or less shall be ignored)	Each	40
31.44	1.44	Installation, testing and commissioning of ceiling fan, including wiring the down rods of standard length (upto 30 cm) with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable etc. as required.	Each	171
31.45	1.45	Installation, testing and commissioning of ceiling fan, including wiring the down rods of standard length (upto 30 cm) with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable, including providing and fixing phenolic laminated sheet cover on the fan box etc. as required.	Each	203
31.46	1.46	Deleted		

31.47	1.47	Supplying and fixing extra down rod of 10 cm length G.I. pipe, 15 mm dia, heavy gauge including painting etc. as required. (Note : More than 5 cm length shall be rounded to the nearest 10 cm and 5 cm or less shall be ignored)	Each	33
31.48	1.48	Supplying and fixing extra conduit own rod of 20cm length G.I. pipe 15 mm dia, heavy gauge including painting etc. as required. (Note: More than 5cm length shall be rounded to the nearest 10 cm and 5 cm or less shall be ignored)	Each	37
31.49	1.49	Numbering of ceiling fan/ exhaust fan/ fluorescent fittings as required.	Each	48
31.50	1.50	Installation of exhaust fan in the existing opening, including making good the damage, connection, testing, commissioning etc. as required.		
31.50.1	1.50.1	Upto 450 mm sweep	Each	363
31.50.2	1.50.2	510 mm sweep	Each	523
31.51	1.51	Extra for fixing the louvers/ shutters complete with frame for exhaust fan of all sizes.	Each	168
31.52	1.52	Painting of ceiling fan in installed position with one or more coats of spray painting with synthetic enamel paint of approved brand and manufacture to give an even shade, including cleaning of surface with detergent etc. as required.	Each	135
31.53	1.53	Supplying and drawing of UTP 4 pair CAT 6 LAN Cable in the existing surface/ recessed Steel/ PVC conduit as required.		
31.53.1	1.53.1	1 run of cable	Metre	49
31.53.2	1.53.2	2 run of cable	Metre	82
31.53.3	1.53.3	3 run of cable	Metre	114

31.54	1.54	Wiring for group controlled (looped) light point / fan point/exhaust fan point/ call bell point (without independent switch etc.) with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed steel conduit, and earthing the point with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable etc. as required.	Metre	
31.54.1	1.54.1	GroupA	Point	547
31.54.2	1.54.2	GroupB	Point	628
31.51.3	1.51.3	GroupC	Point	707
31.55	1.55	Wiring for group controlled (looped) light point/fan point/exhaust fan point/ call bell point (without independent switch etc.) with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed PVC conduit, and earthing the point with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable etc. as required.		
31.55.1	1.55.1	GroupA	Point	463
31.55.2	1.55.2	GroupB	Point	508
31.55.3	1.55.3	GroupC	Point	555
31.56	1.56	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 2 nos. 3 pin 5/6 A modular socket outlet and 2 nos. 5/6 A modular switch, connections etc. as required. (For light plugs to be used in non residential buildings).	Each	582

31.57	1.57	Supplying & fixing suitable size GI box with modular plate and cover in front on surface or in recess including providing and fixing 25 A modular socket outlet and 25 A modular SP MCB, "C" curve including connections, painting etc. as required.	Each	639
31.58	1.58	Supplying and fixing PVC batten / angle holder including connections etc. as required	Each	90
31.59	1.59	Dismantling of ceiling fan and painting the same with one or more coats of spray painting with synthetic enamel paint of approved brand and manufacture to give an even shade, including cleaning of surface with detergent and replacing the,nuts and bolts with washers and safety	Each	221

CHAPTER-32

MCCB, MCB & DB'S

(These rates are inclusive of GST, Contractors Profit, Overheads & Carriage etc.)

Sr. No.	Item Code	Description	Unit	Rate Rs.
32.1	2.1	Providing and fixing following capacity TP&N disconnecter fuse switch unit inside the existing panel board with ISI marked HRC fuses including drilling holes in cubicle panel, making connections, etc. as required.		
32.1.1	2.1.1	32 A TP&N	Each	2075
32.1.2	2.1.2	63 A TP&N	Each	2923
32.1.3	2.1.3	100 A TP&N	Each	6024
32.1.4	2.1.4	125 A TP&N	Each	6696
32.1.5	2.1.5	160 A TP&N	Each	7955
32.1.6	2.1.6	200 A TP&N	Each	9106
32.1.7	2.1.7	315 A TP&N	Each	14484
32.1.8	2.1.8	400 A TP&N	Each	17714

32.2	2.2	MCCB with thermomagnetic release and terminal spreaders in existing cubicle panel board including drilling holes in cubicle panel, making connections, etc. as required.		
32.2.1	2.2.1	100 A, 16KA, TPMCCB	Each	3726
32.2.2	2.2.2	125 A, 16KA, TPMCCB	Each	4145
32.2.3	2.2.3	150 A, 16KA, TPMCCB	Each	4688
32.2.4	2.2.4	200 A, 16KA, TPMCCB	Each	7628
32.2.5	2.2.5	200 A, 25KA, TPMCCB	Each	10953
32.2.6	2.2.6	250 A, 25KA, TPMCCB	Each	12917
32.2.7	2.2.7	250 A, 35KA, TPMCCB	Each	11140
32.2.8	2.2.8	315 A, 35KA, TPMCCB	Each	21512
32.2.9	2.2.9	400 A, 35KA, TPMCCB	Each	21512
32.2.10	2.2.10	500 A, 35KA, TPMCCB	Each	24938
32.2.11	2.2.11	630 A, 50KA, TPMCCB	Each	27771
32.2.12	2.2.12	800 A, 50KA, TPMCCB	Each	33855
32.2.13	2.2.13	100A,30KA,FPMCCB	Each	7377
32.2.14	2.2.14	125A,36KA,FPMCCB	Each	7504
32.2.15	2.2.15	200A,36KA,FPMCCB	Each	15149
32.2.16	2.2.16	250A,36KA,FPMCCB	Each	17272

32.2.17	2.2.17	250A,50KA,FPMCCB	Each	14947
32.2.7	2.2.7	400A,50KA,FPMCCB	Each	26182
32.2.19	2.2.19	630A,50KA,FPMCCB	Each	32506
32.3	2.3	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)		
32.3.1	2.3.1	6 way , Doubledoor	Each	1661
32.3.2	2.3.2	8 way ,Doubledoor	Each	1760
32.3.3	2.3.3	12 way ,Doubledoor	Each	2053
32.3.4	2.3.4	16 way,Doubledoor	Each	2453
32.4	2.4	Supplying and fixing following way, horizontal type three pole and neutral, sheet steel, MCB distribution board, 415 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)		
32.4.1	2.4.1	4way(4+12),Doubledoor	Each	3068
32.4.2	2.4.2	6way(4+18),Doubledoor	Each	3693
32.4.3	2.4.3	8way(4+24),Doubledoor	Each	4601
32.5	2.5	Supplying and fixing of following ways surface/ recess mounting, vertical type, 415 V, TPN MCB distribution board of sheet steel, dust protected, duly powder painted, inclusive of 200 A tinned		

			copper bus bar, common neutral link, earth bar, dinbar mounting MCBs (but without MCBs and in case as required). (Note : Vertical type MCB TPDB is normally used where 3 phase outlets are required.)			
32.5.1	2.5.1		4 way (4+12), Double door	Each	5651	
32.5.2	2.5.2		8 way (4+24), Double door	Each	7744	
32.5.3	2.5.3		12 way (4+36), Double door	Each	9828	
32.6	2.6		DELETED			
32.7	2.7		DELETED			
32.8	2.8		DELETED			
32.9	2.9		DELETED			
32.10	2.10		Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.			
32.10.1	2.10.1		Single pole	Each	199	
32.10.2	2.10.2		Single pole and neutral	Each	544	
32.10.3	2.10.3		Double pole	Each	556	
32.10.4	2.10.4		Triple pole	Each	826	
32.10.5	2.10.5		Triple pole and neutral	Each	1092	
32.11	2.11		Supplying and fixing single pole blanking plate in the existing MCB DB complete etc. as required.	Each	8	
32.12	2.12		Supplying and fixing following rating, double pole, 240 V, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.			
32.12.1	2.12.1		40 A	Each	339	
32.12.2	2.12.2		63 A	Each	385	

32.13	2.13	Supplying and fixing following rating, four pole, 415 V, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.			
32.13.1	2.13.1	40 A	Each	832	
32.13.2	2.13.2	63 A	Each	839	
32.13.3	2.13.3	100 A	Each	1047	
32.14	2.14	Supplying and fixing following rating, double pole, (single phase and neutral), 240 V, residual current circuit breaker (RCCB), having a sensitivity current 30 mA in the existing MCB DB complete with connections, testing and commissioning etc. as required.			
32.14.1	2.14.1	25 A	Each	1927	
32.14.2	2.14.2	40 A	Each	2095	
32.14.3	2.14.3	63 A	Each	2640	
32.15	2.15	Supplying and fixing following rating, four pole, (three phase and neutral), 415 volts, residual current circuit breaker (RCCB), having a sensitivity current 30 mA in the existing MCB DB complete with connections, testing and commissioning etc. as required.			
32.15.1	2.15.1	25 A	Each	2526	
32.15.2	2.15.2	40 A	Each	2626	

32.15.3	2.15.3	63 A	Each	2777
32.16	2.16	Supplying and fixing DP sheet steel enclosure on surface/ recess along with 25/32 A 240 V "C" curve DP MCB complete with connections, testing and commissioning etc. as required.	each	848
32.17	2.17	Supplying and fixing TP sheet steel enclosure on surface/ recess along with 16/25/32 A 415 V "C" curve TP MCB complete with connections, testing and commissioning etc. as required.	each	1146
32.7	2.7	Supplying and fixing 20 A, 240 V, SPN Industrial type socket outlet, with 2 pole and earth, metal enclosed plug top along with 20 A "C" curve, SP, MCB, in sheet steel enclosure, on surface in recess, with hained metal cover for the socket outlet and complete with connections, testing and commissioning etc. as required.	Each	1232
32.19	2.19	Supplying and fixing 20 A, 415 V, TPN Industrial type socket outlet, with 4 pole and earth, metal enclosed plug top along with 20 A "C" curve, TPMCB, in sheet steel enclosure, on surface in recess, with hained metal cover for the socket outlet and complete with connections, testing and commissioning etc. as required.	Each	1690
32.20	2.20	Supplying and fixing 30 A, 415 V, TPN Industrial type socket outlet, with 4 pole and earth, metal enclosed plug top along with 30 A "C" curve, TPMCB, in sheet steel enclosure, on		

			surface in recess, with chain metal cover for the socket out let and complete with connections, testing and commissioning etc. as required.	Each	3048
32.21	2.21		Providing and fixing M.V. danger notice plate of 200 mm X 150mm, made of mild steel, at least 2 mm thick, and vitreous enameled white on both sides, and with inscription in single red colour on front side as required.	Each	226
32.22	2.22		Providing and fixing H.T. danger notice plate of 250mm X 200mm, made of mild steel, at least 2 mm thick, and vitreous enameled white on both sides, and with inscription in single red colour on front side as required.	Each	244
32.23	2.23		Supplying and fixing Cable End Box (Loose Wire Box) suitable for following single pole and neutral, sheet steel, MCB distribution board, 240V volts, on surface/recess, complete with the testing and commissioning etc. as required.		
32.23.1	2.23.1		For 6 way, Double door SPN MCBDB	Each	629
32.23.2	2.23.2		For 8 way, Double door SPN MCBDB	Each	731
32.23.3	2.23.3		For 10 way, Double door SPN MCBDB	Each	746
32.23.4	2.23.4		For 14 way, Double door SPN MCBDB	Each	864
32.24	2.24		Supplying and fixing Cable End Box (Loose Wire Box) suitable for following triple pole and neutral, sheet steel, MCB distribution board, 415V volts, on surface/recess, complete with the testing and commissioning etc. as required.		
32.24.1	2.24.1		For 4 way, Double door TPN MCBDB	Each	904
32.24.2	2.24.2		For 6 way, Double door TPN MCBDB	Each	1062
32.24.3	2.24.3		For 8 way, Double door TPN MCBDB	Each	1239

32.25	2.25	Supplying and fixing Cable End Box (Loose Wire Box) suitable for triple pole and neutral, sheet steel, Vertical MCB board, 415 Volts, on surface/recess, complete with testing and commissioning etc. as required.	Each	764
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CHAPTER-33
RISING MAINS & BUS TRUNKING

(These rates are inclusive of GST, Contractors Profit, Overheads & Carriage etc.)

S.No.	Item Code DSR (E&M) 2018	Description	Unit	Rate (Rs.)
33.1	3.1	Supplying, installing on wall, testing and commissioning of following capacity rising mains made of 1.6mm thick IP42 sheet steel enclosure duly painted with powder coating, wall straps, fully PVC insulated 4 Nos aluminium bus bars having current density of 130 A/ sq cm at nominal current rating in convenient sections and suitable for 415 V, 3 phase, 4 wire, 50 Hz, A.C. supply with extension joints, fire proof barriers, expansion joints, thrust pads including jointing and earthing with 2 runs of galvanised iron strips etc. as required. (Rising mains conforming to IS 8623, TEC 439)		
33.1.1	3.1.1	200 A (S.C. rating for 1 sec - 15 kA)	Metre	6088
33.1.2	3.1.2	300 A (S.C. rating for 1 sec - 20 kA)	Metre	6342
33.1.3	3.1.3	400 A (S.C. rating for 1 sec - 25 kA)	Metre	7778
33.1.4	3.1.4	600 A (S.C. rating for 1 sec - 45 kA)	Metre	8672
33.1.5	3.1.5	800 A (S.C. rating for 1 sec - 50 kA)	Metre	10425
33.2	3.2	Supplying, installing, testing and commissioning of following capacity TPN tap off box made of 1.6mm thick sheet steel enclosure duly painted with powder coating on existing rising mains complete with TPN is connector FSU and HRC fuses, connections, earthing etc. as required.		
33.2.1	3.2.1	16ATPN	Each	8134
33.2.2	3.2.2	32ATPN	Each	8570
33.2.3	3.2.3	63ATPN	Each	9633
33.2.4	3.2.4	100ATPN	Each	11082
33.2.5	3.2.5	200ATPN	Each	17382
33.2.6	3.2.6	315ATPN	Each	18396
33.2.7	3.2.7	400ATPN	Each	19121
33.3	3.3	Supplying, installing, testing and commissioning of following		

		capacity TPN distribution tap off box made of 1.6mm thick sheet steel enclosure duly painted with powder coating on existing rising mains complete with HRC fuses,interconnections, earthing etc. as required.		
33.3.1	3.3.1	16 A TPN, 2way	Each	10176
33.3.2	3.3.2	16 A TPN, 4way	Each	22681
33.3.3	3.3.3	16 A TPN, 6way	Each	32137
33.3.4	3.3.4	16 A TPN, 8way	Each	44493
33.3.5	3.3.5	32 A TPN, 2way	Each	12533
33.3.6	3.3.6	32 A TPN, 4way	Each	25581
33.3.7	3.3.7	32 A TPN, 6way	Each	33586
33.3.8	3.3.8	32 A TPN, 8way	Each	46667
33.3.9	3.3.9	63 A TPN, 2way	Each	14272
33.3.10	3.3.10	63 A TPN, 4 way	Each	24130
33.3.11	3.3.11	63 A TPN, 6 way	Each	26047
33.3.12	3.3.12	63 A TPN, 8 way	Each	44783
33.4	3.4	Supplying, installing, testing and commissioning of following capacity End Feed Unit made of 1.6mm thick sheet steel enclosure duly painted with powder coating to existing rising mains complete with TPN disconnecter FSU and HRC fuses, mounting stands, cable end box, brass compression gland,connections, earthing etc. as required.		
33.4.1	3.4.1	200 ATPN	Each	20366
33.4.2	3.4.2	300 ATPN	Each	22348
33.4.3	3.4.3	400 ATPN	Each	24746
33.4.4	3.4.4	600 ATPN	Each	26734
33.4.5	3.4.5	800 ATPN	Each	30098
33.5	3.5	Supplying,installation,includingsuspension,testingand commissioning of following capacity bus trunking with aluminium bus bars having current density of 130 A/ sq cm at nominal current rating in 1.6mm thick IP 42 sheet steel enclosure in convenient sections for use on, 3 phase, 4 wire, 415 V, 50 Hz, A.C. supply including jointing of sections, flexible joints, expansion joints, bends and earthing with 2 runs ofgalvanised iron strips, suspenders, angle iron bracket, steelfasteners, connecting to earthing system etc. as required.		
33.5.1	3.5.1	800A	Metre	11652
33.5.2	3.5.2	1000A	Metre	13755
33.5.3	3.5.3	1250A	Metre	17695
33.5.4	3.5.4	1400A	Metre	22044
33.5.5	3.5.5	1600A	Metre	22119
33.6	3.6	Supplying, installing, testing and commissioning		

		offollowing capacity overhead distribution bus trunking with aluminium bus bars having current density of 130A /sq cm at nominal current rating in 1.6 mm thich IP 42 sheet steel enclosure in convernient sections with provision of tapping points for use on, 3 phase, 4 wire, 415 volts, 50 Hz, AC supply including jointing of sections, bends, earthing with 2 runs of galvanized iron strips, all installation accessories etc. as required.		
33.6.1	3.6.1	200A	Metre	6796
33.6.2	3.6.2	400A	Metre	8680
33.7	3.7	Supplying, installing, testing and commissioning of following capacity TPN tap off box/plug-in box made of 1.6 mm thick sheet steel enclosure duly painted with powder coating on existing overhead bus bar system complete with TPN disconnecter FSU and HRC fuses, connections, earthing etc. as required.		
33.7.1	3.7.1	32A	Each	7368
33.7.2	3.7.2	63A	Each	8287
33.7.3	3.7.3	100A	Each	9530
33.8	3.8	Supplying, installing on wall, testing and commissioning of following capacity air insulated compact type rising mains for use on 3 phase 4 wire 415 volts, 50 Hz AC supply with enclosure having IP-54 rating after fixing the tap off boxes and all accessories, made of 1.6 mm thick steel sheet duly powder coated in convenient sections complete with 4 Nos aluminium bus bars having current density of 130 A/ sq cm at nominal current rating , necessary joints & expansion joints, fire barrier at each floor, provision of tapping at every metre, continuous earthing with 2 Nos aluminium strip of suitable size (one oneach side) including, G.I. clamping brackets, angle iron bracket,steel fasteners, connecting to earthing system etc. as required.		
33.8.1	3.8.1	200 A Isc = 15kA for 1second	Metre	7451
33.8.2	3.8.2	315 A Isc = 25kA for 1second	Metre	8031
33.8.3	3.8.3	400 A Isc = 30kA for 1second	Metre	8915
33.8.4	3.8.4	500 A Isc = 35kA for 1second	Metre	10229
33.8.5	3.8.5	630 A Isc = 50kA for 1second	Metre	12172
33.8.6	3.8.6	800 A Isc = 50kA for 1second	Metre	16674
33.8.7	3.8.7	1000 A Isc = 50kA for 1second	Metre	19273
33.8.8	3.8.8	1250 A Isc = 50kA for 1second	Metre	22874

33.9	3.9	Supplying, installing on wall or suspension on ceiling , testing and commissioning of following capacity Air Insulated Compact Type Bus Trunking for use on 3 phase 4 wire 415 volts, 50Hz A.C. supply with metal clad enclosure having IP-54 rating after fixing the tap off boxes and all accessories , made of 1.6mm thick steel sheet duly powder coated in convenient sections complete with 4 Nos aluminium bus bars having current density of 130 A/ sq cm at nominal current rating , necessary joints, elbow joints & expansion joints, fire barrier at each floor, continuous earthing with 2 Nos aluminium strip of suitable size (one on each side) including, G.I. clamping brackets, suspenders, angle iron bracket, steel fasteners, connecting to		
		earthing system etc. as required.		
33.9.1	3.9.1	200 A Isc = 15kA for 1second	Metre	7566
33.9.2	3.9.2	315 A Isc = 25kA for 1second	Metre	8050
33.9.3	3.9.3	400 A Isc = 30kA for 1second	Metre	8933
33.9.4	3.9.4	500 A Isc = 35kA for 1second	Metre	10301
33.9.5	3.9.5	630 A Isc = 50kA for 1second	Metre	12152
33.9.6	3.9.6	800 A Isc = 50kA for 1second	Metre	15653
33.9.7	3.9.7	1000 A Isc = 50kA for 1second	Metre	18066
33.9.8	3.9.8	1250 A Isc = 50kA for 1second	Metre	21084
33.10	3.10	DELETED		
33.11	3.11	Supplying, installation, testing & commissioning of following capacity End Feed Unit for the existing Air Insulated Compact Type bus trunking/ rising mains for use on 3 phase 4 wire 415 volts, 50Hz A.C. supply made with 1.6mm thick steel sheet enclosure (IP54) duly powder coated with provision of MCCB/ACB (but without MCCB/ACB) complete with necessary joints including clamping brackets, angle iron bracket, steel fasteners, connecting to earthing system etc. as required		
33.11.1	3.11.1	200 A 15kA SC for 1 sec	Each	5513
33.11.2	3.11.2	315 A 25kA SC for 1 sec	Each	5738
33.11.3	3.11.3	400 A 30kA SC for 1 sec	Each	7307
33.11.4	3.11.4	500 A 35kA SC for 1 sec	Each	7645
33.11.5	3.11.5	630 A 50kA SC for 1 sec	Each	9344
33.11.6	3.11.6	800 A 50kA SC for 1 sec	Each	11017
33.11.7	3.11.7	1000 A 50kA SC for 1 sec	Each	12328
33.11.8	3.11.8	1250 A 50kA SC for 1 sec	Each	13005
33.12	3.12	Supplying, installation, testing & commissioning of following capacity Plug In/ tap off box on the existing Air Insulated Compact Type bus trunking/		

		rising mains for use on 3 phase 4 wire 415 volts, 50Hz A.C. supply made with 1.6mm thick sheet steel enclosure (IP54) duly powder coated with provision of MCCB/ACB (but without MCCB/ACB) complete etc. as required		
33.12.1	3.12.1	125 A 15kA SC for 1sec	Each	6358
33.12.2	3.12.2	200 A 25kA SC for 1sec	Each	8048
33.12.3	3.12.3	250 A 30kA SC for 1sec	Each	10350
33.12.4	3.12.4	400 A 35kA SC for 1sec	Each	10350
33.12.5	3.12.5	500 A 50kA SC for 1sec	Each	14919
33.12.6	3.12.6	630 A 50kA SC for 1sec	Each	14919
33.13	3.13	Supplying, installing by suspension on ceiling, testing and commissioning of following capacity Sandwich Type Rising Mains for use on 3 phase 4 wire 415 volts, 50Hz A.C. supply with metal clad enclosure having IP-54 rating after fixing the tap off boxes and all accessories , made of 1.6mm thick steel sheet duly powder coated in convenient sections complete with 4 Nos aluminium bus bars having current density of 130 A/ sq cm at nominal current rating , necessary joints, elbow joints & expansion joints and bends, fire barrier at each floor, provision of tapping at every metre, adopter box and copper flexible for joints, continuous earthing with 2 Nos aluminium strip of suitable size (one on each side) including, G.I. clamping brackets, suspenders, angle iron bracket, steel fasteners, connecting to earthing system etc. as required		
33.13.1	3.13.1	400 A 25kA SC for 1 sec	Metre	12022
33.13.2	3.13.2	500 A 30kA SC for 1 sec	Metre	12837
33.13.3	3.13.3	630 A 50kA SC for 1 sec	Metre	13833
33.13.4	3.13.4	800 A 50kA SC for 1 sec	Metre	15554
33.13.5	3.13.5	1000 A 50kA SC for 1 sec	Metre	17374
33.13.6	3.13.6	1250 A 50kA SC for 1 sec	Metre	19356
33.13.7	3.13.7	1600 A 50kA SC for 1 sec	Metre	23430
33.13.8	3.13.8	2000 A 50kA SC for 1 sec	Metre	27775
33.13.9	3.13.9	2500 A 50kA SC for 1 sec	Metre	35688
33.13.10	3.13.10	3200 A 50kA SC for 1 sec	Metre	39364
33.13.11	3.13.11	4000 A 50kA SC for 1 sec	Metre	68210
Note:- This item of sandwich type rising mains & rates can be used by field units for sandwich type bus trunking also by making suitable modifications in nomenclature & rates etc.				

CHAPTER-34

CABLE TRAYS

(These rates are inclusive of GST, Contractors Profit, Overheads & Carriage etc.)

DJB Item Code	Item Code DSR (E&M) 2018	Description	Unit	Rate (Rs.)
34.1	4.1	Supplying and installing following size of perforated painted with powder coating M.S. cable trays with perforation not more than 17.5%, in convenient sections, joined with connectors, suspended from the ceiling with M.S. suspenders including bolts & nuts, painting suspenders etc as required.		
34.1.1	4.1.1	100 mm width X 50 mm depth X 1.6 mm thickness	Metre	476
34.1.2	4.1.2	150 mm width X 50 mm depth X 1.6 mm thickness	Metre	531
34.1.3	4.1.3	200 mm width X 50 mm depth X 1.6 mm thickness	Metre	597
34.1.4	4.1.4	300 mm width X 50 mm depth X 1.6 mm thickness	Metre	621
34.1.5	4.1.5	375 mm width X 50 mm depth X 2.0 mm thickness	Metre	660
34.1.6	4.1.6	450 mm width X 50 mm depth X 2.0 mm thickness	Metre	700
34.1.7	4.1.7	600 mm width X 50 mm depth X 2.0 mm thickness	Metre	765
34.1.8	4.1.8	300 mm width X 62.5 mm depth X 2.0 mm thickness	Metre	599
34.1.9	4.1.9	375 mm width X 62.5 mm depth X 2.0 mm thickness	Metre	669
34.1.10	4.1.10	450 mm width X 62.5 mm depth X 2.0 mm thickness	Metre	778
34.1.11	4.1.11	600 mm width X 62.5 mm depth X 2.0 mm thickness	Metre	911
34.1.12	4.1.12	750 mm width X 62.5 mm depth X 2.0 mm thickness	Metre	1048
34.1.13	4.1.13	900 mm width X 62.5 mm depth X 2.0 mm thickness	Metre	1204
34.1.14	4.1.14	600 mm width X 75 mm depth X 2.0 mm thickness	Metre	1000

34.1.15	4.1.15	750 mm width X 75 mm depth X 2.0 mm thickness	Metre	1078
34.1.16	4.1.16	900 mm width X 75 mm depth X 2.0 mm thickness	Metre	1184
34.2	4.2	Supplying and installing following size of perforated painted with powder coating M.S. cable trays bends with perforation not more than 17.5%, joined with connectors, suspended from the ceiling with M.S. suspenders including bolts & nuts, painting suspenders etc as required.		
34.2.1	4.2.1	100 mm width X 50 mm depth X 1.6 mm thickness	Each	808
34.2.2	4.2.2	150 mm width X 50 mm depth X 1.6 mm thickness	Each	947
34.2.3	4.2.3	200 mm width X 50 mm depth X 1.6 mm thickness	Each	1143
34.2.4	4.2.4	300 mm width X 50 mm depth X 1.6 mm thickness	Each	1340
34.2.5	4.2.5	375 mm width X 50 mm depth X 2.0 mm thickness	Each	1827
34.2.6	4.2.6	450 mm width X 50 mm depth X 2.0 mm thickness	Each	2089
34.2.7	4.2.7	600 mm width X 50 mm depth X 2.0 mm thickness	Each	2582
34.2.8	4.2.8	300 mm width X 62.5 mm depth X 2.0 mm thickness	Each	1650
34.2.9	4.2.9	375 mm width X 62.5 mm depth X 2.0 mm thickness	Each	1914
34.2.10	4.2.10	450 mm width X 62.5 mm depth X 2.0 mm thickness	Each	2248
34.2.11	4.2.11	600 mm width X 62.5 mm depth X 2.0 mm thickness	Each	2763
34.2.12	4.2.12	750 mm width X 62.5 mm depth X 2.0 mm thickness	Each	3327
34.2.13	4.2.13	900 mm width X 62.5 mm depth X 2.0 mm thickness	Each	3843
34.2.14	4.2.14	600 mm width X 75 mm depth X 2.0 mm thickness	Each	2830
34.2.15	4.2.15	750 mm width X 75 mm depth X 2.0 mm thickness	Each	3410
34.2.16	4.2.16	900 mm width X 75 mm depth X 2.0 mm thickness	Each	3927
34.3	4.3	Supplying and installing following size of perforated painted with powder coating M.S. cable trays Tee with perforation not more than 17.5%, joined with connectors, suspended from the ceiling with M.S. suspenders including bolts & nuts, painting suspenders etc as		

		required.		
34.3.1	4.3.1	100mmwidthX50mmdepthX1.6mmthickness	Each	909
34.3.2	4.3.2	150mmwidthX50mmdepthX1.6mmthickness	Each	1072
34.3.3	4.3.3	225mmwidthX50mmdepthX1.6mmthickness	Each	1310
34.3.4	4.3.4	300mmwidthX50mmdepthX1.6mmthickness	Each	1549
34.3.5	4.3.5	375mmwidthX50mmdepthX2.0mmthickness	Each	2118
34.3.6	4.3.6	450mmwidthX50mmdepthX2.0mmthickness	Each	2431
34.3.7	4.3.7	600mmwidthX50mmdepthX2.0mmthickness	Each	3016
34.3.8	4.3.8	300mmwidthX62.5mmdepthX2.0mmthickness	Each	1918
34.3.9	4.3.9	375mmwidthX62.5mmdepthX2.0mmthickness	Each	2224
34.3.10	4.3.10	450mmwidthX62.5mmdepthX2.0mmthickness	Each	2607
34.3.11	4.3.11	600mmwidthX62.5mmdepthX2.0mmthickness	Each	3215
34.3.12	4.3.12	750mmwidthX62.5mmdepthX2.0mmthickness	Each	3887
34.3.13	4.3.13	900mmwidthX62.5mmdepthX2.0mmthickness	Each	4502
34.3.14	4.3.14	600mmwidthX75mmdepthX2.0mmthickness	Each	3305
34.3.15	4.3.15	750mmwidthX75mmdepthX2.0mmthickness	Each	3945
34.3.16	4.3.16	900mmwidthX75mmdepthX2.0mmthickness	Each	4596
34.4	4.4	Supplying and installing following size of perforatedpainted with powder coating M.S. cable trays Cross Member with perforation not more than 17.5%, joined with connectors, suspended from the ceiling with M.S. suspenders including bolts & nuts, painting suspenders etc as required.		
34.4.1	4.4.1	100mmwidthX50mmdepthX1.6mmthickness	Each	909
34.4.2	4.4.2	150mmwidthX50mmdepthX1.6mmthickness	Each	1072
34.4.3	4.4.3	225mmwidthX50mmdepthX1.6mmthickness	Each	1310
34.4.4	4.4.4	300mmwidthX50mmdepthX1.6mmthickness	Each	1549
34.4.5	4.4.5	375mmwidthX50mmdepthX2.0mmthickness	Each	2118
34.4.6	4.4.6	450mmwidthX50mmdepthX2.0mmthickness	Each	2431
34.4.7	4.4.7	600mmwidthX50mmdepthX2.0mmthickness	Each	3016
34.4.8	4.4.8	300mmwidthX62.5mmdepthX2.0mmthickness	Each	1918
34.4.9	4.4.9	375mmwidthX62.5mmdepthX2.0mmthickness	Each	2224
34.4.10	4.4.10	450mmwidthX62.5mmdepthX2.0mmthickness	Each	2607
34.4.11	4.4.11	600mmwidthX62.5mmdepthX2.0mmthickness	Each	3214
34.4.12	4.4.12	750mmwidthX62.5mmdepthX2.0mmthickness	Each	3887
34.4.13	4.4.13	900mmwidthX62.5mmdepthX2.0mmthickness	Each	4502
34.4.14	4.4.14	600mmwidthX75mmdepthX2.0mmthickness	Each	3305
34.4.15	4.4.15	750mmwidthX75mmdepthX2.0mmthickness	Each	3945
34.4.16	4.4.16	900 mm width X 75 mm depth X 2.0 mm thickness	Each	4596

34.5	4.5	Supplying and installing following size of perforated painted with powder coating M.S. cable trays Reducer with perforation not more than 17.5%, joined with connectors, suspended from the ceiling with M.S. suspenders including bolts & nuts, painting suspenders etc as required.		
34.5.1	4.5.1	100mmwidthX50mmdepthX1.6mmthickness	Each	880
34.5.2	4.5.2	150mmwidthX50mmdepthX1.6mmthickness	Each	1023
34.5.3	4.5.3	225mmwidthX50mmdepthX1.6mmthickness	Each	1268
34.5.4	4.5.4	300mmwidthX50mmdepthX1.6mmthickness	Each	1505
34.5.5	4.5.5	375mmwidthX50mmdepthX2.0mmthickness	Each	1858
34.5.6	4.5.6	450mmwidthX50mmdepthX2.0mmthickness	Each	2144
34.5.7	4.5.7	600mmwidthX50mmdepthX2.0mmthickness	Each	2600
34.5.8	4.5.8	300mmwidthX62.5mmdepthX2.0mmthickness	Each	1677
34.5.9	4.5.9	375mmwidthX62.5mmdepthX2.0mmthickness	Each	1948
34.5.10	4.5.10	450mmwidthX62.5mmdepthX2.0mmthickness	Each	2291
34.5.11	4.5.11	600mmwidthX62.5mmdepthX2.0mmthickness	Each	2819
34.5.12	4.5.12	750mmwidthX62.5mmdepthX2.0mmthickness	Each	3279
34.5.13	4.5.13	900mmwidthX62.5mmdepthX2.0mmthickness	Each	3855
34.5.14	4.5.14	600mmwidthX75mmdepthX2.0mmthickness	Each	2898
34.5.15	4.5.15	750mmwidthX75mmdepthX2.0mmthickness	Each	3348
34.5.16	4.5.16	900mmwidthX75mmdepthX2.0mmthickness	Each	3935
Hot Dipped Galvanized Iron Cable Tray				
34.6	4.6	Supplying and installing following size of perforated Hot Dipped Galvanised Iron cable tray (Galvanisation thickness not less than 50 microns) with perforation not more than 17.5%, in convenient sections, joined with connectors, suspended from the ceiling with G.I. suspenders including G.I. bolts & nuts, etc. as required.		
34.6.1	4.6.1	100mmwidthX50mmdepthX1.6mmthickness	Met re	599
34.6.2	4.6.2	150mmwidthX50mmdepthX1.6mmthickness	Met re	644
34.6.3	4.6.3	225mmwidthX50mmdepthX1.6mmthickness	Met re	811
34.6.4	4.6.4	300mmwidthX50mmdepthX1.6mmthickness	Met re	875
34.6.5	4.6.5	375mmwidthX50mmdepthX2.0mm thickness	Met re	1108
34.6.6	4.6.6	450mmwidthX50mmdepthX2.0mmthickness	Met re	1213
34.6.7	4.6.7	600mmwidthX50mmdepthX2.0mmthickness	Met re	1646
34.6.8	4.6.8	300mmwidthX62.5mmdepthX2.0mmthickness	Met re	1085

34.6.9	4.6.9	375mmwidthX62.5mmdepthX2.0mmthickness	Met re	1245
34.6.10	4.6.10	450mmwidthX62.5mmdepthX2.0mmthickness	Met re	1440
34.6.11	4.6.11	600mmwidthX62.5mmdepthX2.0mm thickness	Met re	1752
34.6.12	4.6.12	750mmwidthX62.5mmdepthX2.0mmthickness	Met re	2079
34.6.13	4.6.13	900mmwidthX62.5mmdepthX2.0mmthickness	Met re	2405
34.6.14	4.6.14	600mmwidthX75mmdepthX2.0mmthickness	Met re	1795
34.6.15	4.6.15	750 mm width X 75 mm depth X 2.0 mm thickness	Met re	2090
34.6.16	4.6.16	900 mm width X 75 mm depth X 2.0 mm thickness	Met re	2411
34.7	4.7	Supplying and installing following size of perforated Hot Dipped Galvanised Iron cable tray "bends" (galvanisation not less than 50 microns) with perforation not more than 17.5%, in convenient sections, joined with connectors, suspended from the ceiling with G.I. suspenders including G.I. bolts & nuts, etc. as required.		
34.7.1	4.7.1	100 mm width X 50 mm depth X 1.6 mm thickness	Eac h	1063
34.7.2	4.7.2	150 mm width X 50 mm depth X 1.6 mm thickness	Eac h	1168
34.7.3	4.7.3	225 mm width X 50 mm depth X 1.6 mm thickness	Eac h	1565
34.7.4	4.7.4	300 mm width X 50 mm depth X 1.6 mm thickness	Eac h	1713
34.7.5	4.7.5	375 mm width X 50 mm depth X 2.0 mm thickness	Eac h	2254
34.7.6	4.7.6	450 mm width X 50 mm depth X 2.0 mm thickness	Eac h	2490
34.7.7	4.7.7	600 mm width X 50 mm depth X 2.0 mm thickness	Eac h	3509
34.7.8	4.7.8	300 mm width X 62.5 mm depth X 2.0 mm thickness	Eac h	2211
34.7.9	4.7.9	375 mm width X 62.5 mm depth X 2.0 mm thickness	Eac h	2578
34.7.10	4.7.10	450 mm width X 62.5 mm depth X 2.0 mm thickness	Eac h	3009
34.7.11	4.7.11	600 mm width X 62.5 mm depth X 2.0 mm thickness	Eac h	3459
34.7.12	4.7.12	750 mm width X 62.5 mm depth X 2.0 mm thickness	Each	4494
34.7.13	4.7.13	900 mm width X 62.5 mm depth X 2.0 mm thickness	Each	5221

34.7.14	4.7.14	600 mm width X 75 mm depth X 2.0 mm thickness	Each	3832
34.7.15	4.7.15	750 mm width X 75 mm depth X 2.0 mm thickness	Each	4525
34.7.16	4.7.16	900 mm width X 75 mm depth X 2.0 mm thickness	Each	5243
34.8	4.8	Supplyingandinstallingfollowingsizeofperforated HotDippedGalvanised Iron cable tray "Tee" (galvanisation not less than50 microns) with perforation not more than 17.5%, in convenient sections, joined with connectors, suspended from the ceiling withG.I.suspendersincludingG.I.bolts&nuts,etc.asr equired.		
34.8.1	4.8.1	100 mm width X 50 mm depth X 1.6 mm thickness	Each	1220
34.8.2	4.8.2	150 mm width X 50 mm depth X 1.6 mm thickness	Each	1274
34.8.3	4.8.3	225 mm width X 50 mm depth X 1.6 mm thickness	Each	1820
34.8.4	4.8.4	300 mm width X 50 mm depth X 1.6 mm thickness	Each	1997
34.8.5	4.8.5	375 mm width X 50 mm depth X 2.0 mm thickness	Each	2641
34.8.6	4.8.6	450 mm width X 50 mm depth X 2.0 mm thickness	Each	2920
34.8.7	4.8.7	600 mm width X 50 mm depth X 2.0 mm thickness	Each	4138
34.8.8	4.8.8	300 mm width X 62.5 mm depth X 2.0 mm thickness	Each	2594
34.8.9	4.8.9	375 mm width X 62.5 mm depth X 2.0 mm thickness	Each	3078
34.8.10	4.8.10	450 mm width X 62.5 mm depth X 2.0 mm thickness	Each	3527
34.8.11	4.8.11	600 mm width X 62.5 mm depth X 2.0 mm thickness	Each	4460
34.8.12	4.8.12	750 mm width X 62.5 mm depth X 2.0 mm thickness	Each	5294
34.8.13	4.8.13	900 mm width X 62.5 mm depth X 2.0 mm thickness	Each	6164
34.8.14	4.8.14	600 mm width X 75 mm depth X 2.0 mm thickness	Each	4508
34.8.15	4.8.15	750 mm width X 75 mm depth X 2.0 mm thickness	Each	5335
34.8.16	4.8.16	900 mm width X 75 mm depth X 2.0 mm thickness	Each	6189
34.9	4.9	Supplyingandinstallingfollowingsizeofperforated HotDipped Galvanised Iron cable tray "Cross member"(galvanisation not less than 50 microns) with perforation not more than 17.5%,in convenient sections, joined with connectors, suspended from the ceiling with G.I. suspenders including G.I. bolts & nuts, etcasrequired.		
34.9.1	4.9.1	100 mm width X 50 mm depth X 1.6 mm thickness	Each	1220
34.9.2	4.9.2	150 mm width X 50 mm depth X 1.6 mm thickness	Each	1274

34.9.3	4.9.3	225 mm width X 50 mm depth X 1.6 mm thickness	Each	1838
34.9.4	4.9.4	300 mm width X 50 mm depth X 1.6 mm thickness	Each	2194
34.9.5	4.9.5	375 mm width X 50 mm depth X 2.0 mm thickness	Each	2889
34.9.6	4.9.6	450 mm width X 50 mm depth X 2.0 mm thickness	Each	3320
34.9.7	4.9.7	600 mm width X 50 mm depth X 2.0 mm thickness	Each	4151
34.9.8	4.9.8	300 mm width X 62.5 mm depth X 2.0 mm thickness	Each	2600
34.9.9	4.9.9	375 mm width X 62.5 mm depth X 2.0 mm thickness	Each	3028
34.9.10	4.9.10	450 mm width X 62.5 mm depth X 2.0 mm thickness	Each	3532
34.9.11	4.9.11	600 mm width X 62.5 mm depth X 2.0 mm thickness	Each	4385
34.9.12	4.9.12	750 mm width X 62.5 mm depth X 2 mm thickness	Each	5294
34.9.13	4.9.13	900 mm width X 62.5 mm depth X 2.0 mm thickness	Each	6164
34.9.14	4.9.14	600 mm width X 75 mm depth X 2.0 mm thickness	Each	4510
34.9.15	4.9.15	750 mm width X 75 mm depth X 2.0 mm thickness	Each	3942
34.9.16	4.9.16	900 mm width X 75 mm depth X 2.0 mm thickness	Each	4562
34.10	4.10	Supplying and installing following size of perforated Hot Dipped Galvanised Iron cable tray "Reducer" (galvanisation not less than 50 microns) with perforation not more than 17.5%, in convenient sections, joined with connectors, suspended from the ceiling with G.I. suspenders including G.I. bolts & nuts, etc as required.		
34.10.1	4.10.1	100 mm width X 50 mm depth X 1.6 mm thickness	Each	1528
34.10.2	4.10.2	150 mm width X 50 mm depth X 1.6 mm thickness	Each	1778
34.10.3	4.10.3	225 mm width X 50 mm depth X 1.6 mm thickness	Each	2242
34.10.4	4.10.4	300 mm width X 50 mm depth X 1.6 mm thickness	Each	2618
34.10.5	4.10.5	375 mm width X 50 mm depth X 2.0 mm thickness	Each	3184

34.10.6	4.10.6	450 mm width X 50 mm depth X 2.0 mm thickness	Each	3459
34.10.7	4.10.7	600 mm width X 50 mm depth X 2.0 mm thickness	Each	4792
34.10.8	4.10.8	300 mm width X 62.5 mm depth X 2.0 mm thickness	Each	3149
34.10.9	4.10.9	375 mm width X 62.5 mm depth X 2.0 mm thickness	Each	3681
34.10.10	4.10.10	450 mm width X 62.5 mm depth X 2.0 mm thickness	Each	4389
34.10.11	4.10.11	600 mm width X 62.5 mm depth X 2.0 mm thickness	Each	5542
34.10.12	4.10.12	750 mm width X 62.5 mm depth X 2 mm thickness	Each	5961
34.10.13	4.10.13	900 mm width X 62.5 mm depth X 2.0 mm thickness	Each	6918
34.10.14	4.10.14	600 mm width X 75 mm depth X 2.0 mm thickness	Each	4893
34.10.15	4.10.15	750 mm width X 75 mm depth X 2.0 mm thickness	Each	6036
34.10.16	4.10.16	900 mm width X 75 mm depth X 2.0 mm thickness	Each	6996

CHAPTER – 35

E A R T H I N G

(These rates are inclusive of GST, Contractors Profit, Overheads & Carriage etc.)

DJB Item Code	Item Code DSR (E&M) 2018	Description	Unit	Rates Rs.
35.1.1	5.1	Earthing with G.I. earth pipe 4.5 metre long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. (but without charcoal/ coke and salt) as required.	Set	4033
35.1.2	5.2	Earthing with G.I. earth pipe 4.5 metre long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt as required.	Each	5308
35.1.3	5.3	Earthing with G.I. earth plate 600 mm X 600 mm X 6 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc. (but without charcoal/ coke and salt) asrequired.	Set	5146
35.1.4	5.4	Earthing with G.I. earth plate 600 mm X 600 mm X 6 mm thick including accessories, and providing masonry enclosure withcover plate having locking arrangement and watering pipe of 2.7 metre long etc. with charcoal/ coke and salt as required.	Set	6216
35.1.5	5.5	Earthing with copper earth plate 600 mm X 600 mm X 3 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc. (but without charcoal/ coke and salt) asrequired.	Set	10724
35.1.6	5.6	Earthing with copper earth plate 600 mm X 600 mm X 3 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc. with charcoal/ coke and salt as required.	Set	11794
35.1.7	5.7	Supplying and laying 6 SWG G.I. wire at 0.50 metre below ground level for conductor earth electrode, including	Metre	44

		connection/ termination with GI thimble etc. as required.		
35.1.8	5.8	Supplying and laying 25 mm X 5 mm copper strip at 0.50 metre below ground as strip earth electrode, including connection/ terminating with nut, bolt, spring, washer etc. as required. (Jointing shall be done by overlapping and with 2 sets of brass nut bolt & spring washer spaced at 50mm)	Metre	853
35.1.9	5.9	Supplying and laying 25 mm X 5 mm G.I strip at 0.50 metre below ground as strip earth electrode, including connection/ terminating with G.I. nut, bolt, spring, washer etc. as required. (Jointing shall be done by overlapping and with 2 sets of G.I. nut bolt & spring washer spaced at 50mm)	Metre	131
35.1.10	5.10	Providing and fixing 25 mm X 5 mm copper strip in 40 mm dia G.I. pipe from earth electrode including connection with brass nut,bolt, spring, washer excavation and re-filling etc. as required.	Metre	1224
35.1.11	5.11	Providing and fixing 25 mm X 5 mm G.I. strip in 40 mm dia G.I. pipe from earth electrode including connection with G.I. nut,bolt, spring, washer excavation and re-filling etc. as required.	Metre	483
35.1.12	5.12	Providing and laying earth connection from earth electrode with 6 SWG dia G.I. Wire in 15 mm dia G.I. pipe from earth electrode including connection with G.I. thimble excavation and re-filling as required.	Metre	188
35.1.13	5.13	Providing and laying earth connection from earth electrode with 4 mm dia copper wire in 15 mm dia G.I. pipe from earth electrode including connection with copper thimble excavation and re-filling as required.	Metre	257
35.1.14	5.14	Providing and fixing 25mm X 5mm copper strips on surface or in recess for connections etc. as required.	Metre	1009
35.1.15	5.15	Providing and fixing 25 mm X 5 mm G.I. strip on surface or in recess for connections etc. as required.	Metre	206
35.1.16	5.16	Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing as required.	Metre	57
35.1.17	5.17	Providing and fixing 4 mm dia copper wire on surface or in recess for loop earthing as required.	Metre	128
35.1.18	5.18	Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing along with existing surface/ recessed conduit/submain wiring/ cable as required.	Metre	37

35.1.19	5.19	Providing and fixing 4 mm dia copper wire on surface or in recess for loop earthing along with existing surface/ recessed conduit/ submain wiring/ cable as required.	Metre	108
35.1.20	5.20	Providing and fixing earth bus of 50 mm X 5 mm copper strip on surface for connections etc. as required.	Metre	1844



CHAPTER 36

LIGHTNING CONDUCTOR

(These rates are inclusive of GST, Contractors Profit, Overheads & Carriage etc.)

DJB Item Code	Item Code DSR (E&M) 2018	Description	Unit	Rates Rs.
6.1	6.1	DELETED		
36.1.1	6.2	Providing and fixing of lightning conductor finial, made of 25 mm dia 300 mm long, G.I. tube, having single prong at top, with 85 mm dia 6 mm thick GI base plate including hole etc. complete as required.	Each	448
36.1.2	6.3	Fixing of lightning conductor finial (single prong) with base plate including holes etc. complete as required.	Each	280
36.1.3	6.4	Jointing copper / G.I. tape (with another copper/ G I tape, base of the finial or any other metallic object) by riveting /nut Bolting/ sweating and soldering etc as required.	Each	93
36.1.4	6.5	DELETED		
36.1.5	6.6	DELETED		
36.1.6	6.7	Providing and fixing G.I. tape 20 mm X 3 mm thick on parapet or Surface of wall for lightning conductor complete as required.(For horizontal run)	Metre	104
36.1.7	6.8	Providing and fixing G.I. tape 20 mm X 3 mm thick on parapet or Surface of wall for lightning conductor complete as required.(For vertical run)	Metre	163
36.1.8	6.9	Fixing of copper/ G.I. tape 20 mm X 3 mm thick on parapet or Surface of wall for lightning conductor complete as required.(For horizontal run)	Metre	65
36.1.9	6.10	Fixing of copper/ G.I. tape 20 mm X 3 mm thick on parapet or Surface of wall for lightning conductor complete as required.(For vertical run)	Metre	131
36.1.10	6.11	DELETED		
36.1.11	6.12	Providing and fixing testing joint, made of 20 mm X 3 mm thick G.I. strip, 125 mm long, with 4 nos. of G.I. bolts, nuts, chuck nuts and spring washers etc. complete as required.	Each	102
36.1.12	6.13	DELETED		
36.1.13	6.14	Providing and laying G.I. tape 32 mm X 6 mm from earth electrode directly in ground as required.	Metre	176
36.1.14	6.15	Laying copper/G.I. tape 32 mm X 6 mm from earth electrode directly in ground as required.	Metre	63

CHAPTER 37

MV CABLE LAYING

(These rates are inclusive of GST, Contractors Profit, Overheads & Carriage etc.)

DJB Item Code	Item Code DSR(E &M) 2018	Description	Unit	Rates Rs.
37.1	7.1	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc as required.		
37.1.1	7.1.1	Upto 35 sq. mm	Metre	323
37.1.2	7.1.2	Above 35 sq. mm and upto 95 sq. mm	Metre	338
37.1.3	7.1.3	Above 95 sq. mm and upto 185 sq. mm	Metre	352
37.1.4	7.1.4	Above 185 sq. mm and upto 400 sq. mm	Metre	396
37.2	7.2	Laying of one number additional PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size direct in ground in the same trench in one tier horizontal formation including excavation, sand cushioning, protective covering and refilling the trench etc as required.		
37.2.1	7.2.1	Upto 35 sq.mm	Metre	222
37.2.2	7.2.2	Above 35 sq. mm and upto 95 sq.mm	Metre	236
37.2.3	7.2.3	Above 95 sq. mm and upto 185 sq.mm	Metre	251
37.2.4	7.2.4	Above 185 sq. mm and upto 400 sq.mm	Metre	294
37.3	7.3	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size direct in ground including excavation and refilling the trench etc as required, but excluding sand cushioning and protective covering.		
37.3.1	7.3.1	Upto 35 sq.mm	Metre	167
37.3.2	7.3.2	Above 35 sq. mm and upto 95 sq.mm	Metre	181
37.3.3	7.3.3	Above 95 sq. mm and upto 185 sq.mm	Metre	196
37.3.4	7.3.4	Above 185 sq. mm and upto 400 sq.mm	Metre	239
37.4	7.4	Laying of one number additional PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size direct in ground in the same trench in one tier horizontal formation including excavation and refilling the trench etc as required, but excluding sand cushioning and protective covering.		
37.4.1	7.4.1	Upto 35 sq.mm	Metre	105
37.4.2	7.4.2	Above 35 sq. mm and upto 95 sq.mm	Metre	120

37.4.3	7.4.3	Above 95 sq. mm and upto 185 sq.mm	Metre	134
37.4.4	7.4.4	Above 185 sq. mm and upto 400 sq.mm	Metre	178
37.5	7.5	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size in the existing RCC/ HUME/ METAL pipe as required.		
37.5.1	7.5.1	Upto 35 sq.mm	Metre	31
37.5.2	7.5.2	Above 35 sq. mm and upto 95 sq.mm	Metre	47
37.5.3	7.5.3	Above 95 sq. mm and upto 185 sq.mm	Metre	64
37.5.4	7.5.4	Above 185 sq. mm and upto 400 sq. mm	Metre	112
37.6	7.6	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size in the existing masonry open duct as required.		
37.6.1	7.6.1	Upto 35 sq. mm	Metre	23
37.6.2	7.6.2	Above 35 sq. mm and upto 95 sq. mm	Metre	38
37.6.3	7.6.3	Above 95 sq. mm and upto 185 sq. mm	Metre	52
37.6.4	7.6.4	Above 185 sq. mm and upto 400 sq. mm	Metre	96
37.7	7.7	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size on wall surface as required.		
37.7.1	7.7.1	Upto 35 sq. mm (clamped with 1mm thick saddle)	Metre	39
37.7.2	7.7.2	Above 35 sq. mm and upto 95 sq. mm (clamped with 25x3mm MS flat clamp)	Metre	104
37.7.3	7.7.3	Above 95 sq. mm and upto 185 sq. mm (clamped with 25/40x3mm MS flat clamp)	Metre	122
37.7.4	7.7.4	Above 185 sq. mm and upto 400 sq. mm (clamped with 40x3mm MS flat clamp)	Metre	182
37.8	7.8	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size on cable tray as required.		
37.8.1	7.8.1	Upto 35 sq. mm (clamped with 1mm thick saddle)	Metre	33
37.8.2	7.8.2	Above 35 sq. mm and upto 95 sq. mm (clamped with 25x3mm MS flat clamp)	Metre	74
37.8.3	7.8.3	Above 95 sq. mm and upto 185 sq. mm (clamped with 25/40x3mm MS flat clamp)	Metre	93
37.8.4	7.8.4	Above 185 sq. mm and upto 400 sq. mm (clamped with 40x3mm MS flat clamp)	Metre	150
37.9	7.9	Supplying and making cable route marker with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) of size 60 cm X 60 cm at the bottom and 50 cm X 50 cm at the top with a thickness of 10cm including inscription duly engraved as required.	each	530
37.10	7.10	Supplying and fixing cable route marker with 10 cm X 10 cm X 5 mm thick G.I. plate with inscription there on, bolted /welded to 35 mm X 35 mm X 6 mm angle iron, 60 cm long and fixing the same in ground as required.	each	383

CHAPTER 38

HT CABLE LAYING

(These rates are inclusive of GST, Contractors Profit, Overheads & Carriage etc.)

DJB Item Code	Item Code DSR (E&M) 2018	Description	Unit	Rates Rs.
38.1	8.1	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 11 KV grade of following size direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc as required.		
38.1.1	8.1.1	Upto 120 sq. mm	Metre	438
38.1.2	8.1.2	Above 120 sq. mm and upto 400 sq. mm	Metre	482
38.2	8.2	Laying of one number additional PVC insulated and PVC sheathed / XLPE power cable of 11 KV grade of following size direct in ground in the same trench in one tier horizontal formation including excavation, sand cushioning, protective covering and refilling the trench etc as required.		
38.2.1	8.2.1	Upto 120 sq.mm	Metre	300
38.2.2	8.2.2	Above 120 sq. mm and upto 400 sq.mm	Metre	343
38.3	8.3	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 11 KV grade of following size in the existing RCC/ HUME/ METAL pipe as required.		
38.3.1	8.3.1	Upto 120 sq.mm	Metre	64
38.3.2	8.3.2	Above 120 sq. mm and upto 400 sq.mm	Metre	112
38.4	8.4	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 11 KV grade of following size in the existing masonry open duct as required.		
38.4.1	8.4.1	Upto 120 sq.mm	Metre	52
38.4.2	8.4.2	Above 120 sq. mm and upto 400 sq.mm	Metre	96
38.5	8.5	Laying of one number XLPE power cable of 33KV grade of following size direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc as required.		
38.5.1	8.5.1	Upto 120 sq.mm	Metre	443
38.5.2	8.5.2	Above 120 sq. mm and upto 400 sq.mm	Metre	486

38.6	8.6	Laying of one number additional XLPE power cable of 33KV grade of following size direct in ground in the same trench in one tier horizontal formation including excavation, sand cushioning, protective covering and refilling the trench etc as required.		
38.6.1	8.6.1	Upto 120 sq.mm	Metre	304
38.6.2	8.6.2	Above 120 sq. mm and upto 400 sq.mm	Metre	348
38.7	8.7	Laying of one number XLPE power cable of 33KV grade of following size in the existing RCC/ HUME/ METAL pipe as required.		
38.7.1	8.7.1	Upto 120sq.mm	Metre	69
38.7.2	8.7.2	Above 120sq.mm and upto 400sq.mm	Metre	116
38.8	8.8	Laying of one number XLPE power cable of 33 KV grade of following size in the existing masonry open duct as required.		
38.8.1	8.8.1	Upto 120sq.mm	Metre	57
38.8.2	8.8.2	Above 120sq.mm and upto 400sq.mm	Metre	100

CHAPTER 39

MV CABLE JOINTING & ENDTERMINATION

(These rates are inclusive of GST, Contractors Profit, Overheads & Carriage etc.)

DJB Item Code	Item Code DSR (E&M) 2018	Description	Unit	Rate (Rs.)
39.1	9.1	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required.		
39.1.1	9.1.1	2 X 6 sq. mm (19mm)	Each	198
39.1.2	9.1.2	2 X 10 sq. mm (19mm)	Each	198
39.1.3	9.1.3	2 X 16 sq. mm (22mm)	Each	212
39.1.4	9.1.4	2 X 25 sq. mm (22mm)	Each	212
39.1.5	9.1.5	2 X 35 sq. mm (25mm)	Each	254
39.1.6	9.1.6	2 X 50 sq. mm (28mm)	Each	282
39.1.7	9.1.7	3 X 10 sq. mm (22mm)	Each	211
39.1.8	9.1.8	3 X 16 sq. mm (25mm)	Each	222
39.1.9	9.1.9	3 X 25 sq. mm (25mm)	Each	222
39.1.10	9.1.10	3 X 35 sq. mm (28mm)	Each	283
39.1.11	9.1.11	3 X 50 sq. mm (32mm)	Each	302
39.1.12	9.1.12	3 X 70 sq. mm (35mm)	Each	339
39.1.13	9.1.13	3 X 95 sq. mm (38mm)	Each	432
39.1.14	9.1.14	3 X 120 sq. mm (45mm)	Each	480
39.1.15	9.1.15	3 X 150 sq. mm (50mm)	Each	545
39.1.16	9.1.16	3 X 185 sq. mm (57mm)	Each	691
39.1.17	9.1.17	3 X 225 sq. mm (62mm)	Each	779
39.1.18	9.1.18	3 X 240 sq. mm (62mm)	Each	795
39.1.19	9.1.19	3 X 300 sq. mm (70mm)	Each	916
39.1.20	9.1.20	3½ X 25 sq. mm (28mm)	Each	250
39.1.21	9.1.21	3½ X 35 sq. mm (32mm)	Each	300
39.1.22	9.1.22	3½ X 50 sq. mm (35mm)	Each	329
39.1.23	9.1.23	3½ X 70 sq. mm (38mm)	Each	368
39.1.24	9.1.24	3½ X 95 sq. mm (45mm)	Each	473
39.1.25	9.1.25	3½ X 120 sq. mm (45mm)	Each	489
39.1.26	9.1.26	3½ X 150 sq. mm (50mm)	Each	555
39.1.27	9.1.27	3½ X 185 sq. mm (57mm)	Each	702
39.1.28	9.1.28	3½ X 225 sq. mm (62mm)	Each	793
39.1.29	9.1.29	3½ X 240 sq. mm (62mm)	Each	809
39.1.30	9.1.30	3½ X 300 sq. mm (70mm)	Each	936

39.1.31	9.1.31	3½ X 400 sq. mm (82mm)	Each	1209
39.1.32	9.1.32	4 X 10 sq. mm (25mm)	Each	219
39.1.33	9.1.33	4 X 16 sq. mm (28mm)	Each	250
39.1.34	9.1.34	4 X 25 sq. mm (28mm)	Each	250
39.1.35	9.1.35	4 X 35 sq. mm (32mm)	Each	302
39.1.36	9.1.36	4 X 50 sq. mm (35mm)	Each	332
39.2	9.2	Supplying and making outdoor end termination with castresincompound including aluminium lugs and other jointing materialsforfollowingsizeofPVCinsulatedandPV Csheathed/ XLPEaluminiumconductorcableof1.1KVgradeasr equired.		
39.2.1	9.2.1	2 X 16 sq.mm	Each	1230
39.2.2	9.2.2	2 X 25 sq.mm	Each	1331
39.2.3	9.2.3	2 X 35 sq.mm	Each	1331
39.2.4	9.2.4	2 X 50 sq.mm	Each	1331
39.2.5	9.2.5	3 X 16 sq.mm	Each	1331
39.2.6	9.2.6	3 X 25 sq.mm	Each	1331
39.2.7	9.2.7	3 X 35 sq.mm	Each	1331
39.2.8	9.2.8	3 X 50 sq.mm	Each	1423
39.2.9	9.2.9	3 X 70 sq.mm	Each	1423
39.2.10	9.2.10	3 X 95 sq.mm	Each	1694
39.2.11	9.2.11	3 X 120 sq.mm	Each	1694
39.2.12	9.2.12	3 X 150 sq.mm	Each	1694
39.2.13	9.2.13	3 X 185 sq.mm	Each	2287
39.2.14	9.2.14	3 X 225 sq.mm	Each	2287
39.2.15	9.2.15	3 X 240 sq.mm	Each	2655
39.2.16	9.2.16	3 X 300 sq.mm	Each	2655
39.2.17	9.2.17	3½ X 25 sq.mm	Each	1331
39.2.7	9.2.7	3½ X 35 sq.mm	Each	1423
39.2.19	9.2.19	3½ X 50 sq.mm	Each	1423
39.2.20	9.2.20	3½ X 70 sq.mm	Each	1565
39.2.21	9.2.21	3½ X 95 sq.mm	Each	1694
39.2.22	9.2.22	3½ X 120 sq.mm	Each	1694
39.2.23	9.2.23	3½ X 150 sq.mm	Each	2287
39.2.24	9.2.24	3½ X 185 sq.mm	Each	1784
39.2.25	9.2.25	3½ X 225 sq.mm	Each	2655
39.2.26	9.2.26	3½ X 240 sq.mm	Each	2655
39.2.27	9.2.27	3½ X 300 sq.mm	Each	2929
39.2.28	9.2.28	3½ X 400 sq.mm	Each	3362
39.2.29	9.2.29	4 X 16 sq.mm	Each	1331
39.2.30	9.2.30	4 X 25 sq.mm	Each	1331
39.2.31	9.2.31	4 X 35 sq.mm	Each	1423
39.2.32	9.2.32	4 X 50 sq.mm	Each	1423

39.3	9.3	Supplying and making straight through joint with castresincompound including ferrules and other jointing materials for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required.		
39.3.1	9.3.1	2 X 16sq.mm	Each	2593
39.3.2	9.3.2	2 X 25sq.mm	Each	2593
39.3.3	9.3.3	2 X 35 sq. mm	Each	2593
39.3.4	9.3.4	2 X 50 sq. mm	Each	2960
39.3.5	9.3.5	3 X 16 sq. mm	Each	2960
39.3.6	9.3.6	3 X 25 sq. mm	Each	2593
39.3.7	9.3.7	3 X 35 sq. mm	Each	2593
39.3.8	9.3.8	3 X 50 sq. mm	Each	2960
39.3.9	9.3.9	3 X 70 sq. mm	Each	3462
39.3.10	9.3.10	3 X 95 sq. mm	Each	3674
39.3.11	9.3.11	3 X 120 sq. mm	Each	4126
39.3.12	9.3.12	3 X 150 sq. mm	Each	4126
39.3.13	9.3.13	3 X 185 sq. mm	Each	4911
39.3.14	9.3.14	3 X 225 sq. mm	Each	5563
39.3.15	9.3.15	3 X 240 sq. mm	Each	5563
39.3.16	9.3.16	3 X 300 sq. mm	Each	7140
39.3.17	9.3.17	3½ X 25 sq. mm	Each	2960
39.3.18	9.3.18	3½ X 35 sq. mm	Each	2960
39.3.19	9.3.19	3½ X 50 sq. mm	Each	3462
39.3.20	9.3.20	3½ X 70 sq. mm	Each	3492
39.3.21	9.3.21	3½ X 95 sq. mm	Each	4126
39.3.22	9.3.22	3½ X 120 sq.mm	Each	4911
39.3.23	9.3.23	3½ X 150 sq.mm	Each	4911
39.3.24	9.3.24	3½ X 185 sq.mm	Each	5563
39.3.25	9.3.25	3½ X 225 sq.mm	Each	5664
39.3.26	9.3.26	3½ X 240 sq.mm	Each	6867
39.3.27	9.3.27	3½ X 300 sq.mm	Each	8394
39.3.28	9.3.28	3½ X 400 sq.mm	Each	4879
39.3.29	9.3.29	4 X 16 sq. mm	Each	2593
39.3.30	9.3.30	4 X 25 sq. mm	Each	2960
39.3.31	9.3.31	4 X 35 sq. mm	Each	2960
39.3.32	9.3.32	4 X 50 sq. mm	Each	3462
39.4	9.4	Supplying and making straight through joint with heat shrinkable kit including ferrules and other jointing materials for following size of PVC insulated and PVC sheathed/ XLPE aluminiumconductor cableof 1.1KVgradeasrequired.		
39.4.1	9.4.1	2x16 sq.mm	Each	1760
39.4.2	9.4.2	2x25 sq. mm	Each	1760
39.4.3	9.4.3	2x35 sq.mm	Each	1760

39.4.4	9.4.4	2x50 sq. mm	Each	1988
39.4.5	9.4.5	3x16 sq.mm	Each	1760
39.4.6	9.4.6	3x25 sq. mm	Each	1760
39.4.7	9.4.7	3x35 sq.mm	Each	1988
39.4.8	9.4.8	3x50 sq.mm	Each	1988
39.4.9	9.4.9	3 X 70 sq. mm	Each	2298
39.4.10	9.4.10	3 X 95 sq. mm	Each	2478
39.4.11	9.4.11	3 X 120 sq. mm	Each	2759
39.4.12	9.4.12	3 X 150 sq. mm	Each	2759
39.4.13	9.4.13	3 X 185 sq. mm	Each	3245
39.4.14	9.4.14	3 X 225 sq. mm	Each	3649
39.4.15	9.4.15	3 X 240 sq. mm	Each	3711
39.4.16	9.4.16	3 X 300 sq. mm	Each	4729
39.4.17	9.4.17	3½ X 25 sq. mm	Each	1988
39.4.18	9.4.18	3½ X 35 sq. mm	Each	1988
39.4.19	9.4.19	3½ X 50 sq. mm	Each	2298
39.4.20	9.4.20	3½ X 70 sq. mm	Each	2349
39.4.21	9.4.21	3½ X 95 sq. mm	Each	2478
39.4.22	9.4.22	3½ X 120 sq. mm	Each	3245
39.4.23	9.4.23	3½ X 150 sq. mm	Each	3245
39.4.24	9.4.24	3½ X 185 sq. mm	Each	3683
39.4.25	9.4.25	3½ X 225 sq. mm	Each	3711
39.4.26	9.4.26	3½ X 240 sq. mm	Each	4456
39.4.27	9.4.27	3½ X 300 sq. mm	Each	5507
39.4.28	9.4.28	3½ X 400 sq. mm	Each	6603
39.4.29	9.4.29	4 X 16 sq. mm	Each	1760
39.4.30	9.4.30	4 X 25 sq. mm	Each	1988
39.4.31	9.4.31	4 X 35 sq. mm	Each	1988
39.4.32	9.4.32	4 X 50 sq. mm	Each	2298

CHAPTER 40

HV CABLE JOINTING & END TERMINATION

(These rates are inclusive of GST, Contractors Profit, Overheads & Carriage etc.)

DJB Item Code	Item Code DSR (E&M) 2018	Description	Unit	Rate
40.1	10.1	Supplying and making indoor cable end jointing with cast resin compound, including lugs and other jointing materials, for following size of 3 core, XLPE aluminium conductor cable of 11 KV grade as required :		
40.1.1	10.1.1	70 sq. mm	Each	1915
40.1.2	10.1.2	120 sq. mm	Each	2398
40.1.3	10.1.3	240 sq. mm	Each	3231
40.1.4	10.1.4	300 sq. mm	Each	3290
40.2	10.2	Supplying and making outdoor cable end jointing with cast resin compound, including lugs and other jointing materials, for following size of 3 core, XLPE aluminium conductor cable of 11 KV grade as required :		
40.2.1	10.2.1	70 sq. mm	Each	4610
40.2.2	10.2.2	120 sq. mm	Each	5143
40.2.3	10.2.3	240 sq. mm	Each	5974
40.2.4	10.2.4	300 sq. mm	Each	5974
40.3	10.3	Supplying and making straight through cable jointing with cast resin compound, including ferrule and other jointing materials, for following size of 3 core, XLPE aluminium conductor cable of 11 KV grade as required :		
40.3.1	10.3.1	70 sq. mm	Each	4271
40.3.2	10.3.2	120 sq. mm	Each	4882
40.3.3	10.3.3	240 sq. mm	Each	7296
40.3.4	10.3.4	300 sq. mm	Each	8348
40.4	10.4	supplying and making indoor cable end termination with heat shrinkable jointing kit complete with all accessories including lugs suitable for following size of 3 core, XLPE aluminium conductor cable of 11 KV grade as required :		

40.4.1	10.4.1	70 sq. mm	Each	8465
40.4.2	10.4.2	120 sq. mm	Each	8947
40.4.3	10.4.3	240 sq. mm	Each	11681
40.4.4	10.4.4	300 sq. mm	Each	11681
40.5	10.5	Supplying and making outdoor cable end termination with heat shrinkable jointing kit complete with all accessories including lugs suitable for following size of 3 core, XLPE aluminium conductor cable of 11 KV grade as required :		
40.5.1	10.5.1	70 sq. mm	Each	14519
40.5.2	10.5.2	120 sq. mm	Each	15001
40.5.3	10.5.3	240 sq. mm	Each	17166
40.5.4	10.5.4	300 sq. mm	Each	17166
40.6	10.6	Supplying and making straight through cable jointing with heat shrinkable jointing kit complete with all accessories including ferrules suitable for following size of 3 core, XLPE aluminium conductor cable of 11 KV grade as required :		
40.6.1	10.6.1	70 sq. mm	Each	16799
40.6.2	10.6.2	120 sq. mm	Each	18085
40.6.3	10.6.3	240 sq. mm	Each	19314
40.6.4	10.6.4	300 sq. mm	Each	19314

CHAPTER 41

POLE ERECTION

(These rates are inclusive of GST, Contractors Profit, Overheads & Carriage etc.)

S.No.	Item Code DSR (E&M) 2018	Description	Unit	Rate (Rs.)
41.1	11.1	Erection of RCC/ PCC pole of following length in brick ballast and ramming the foundation, finishing with 150mm thick cement concrete (1:3:6) layer on top with including excavation and refilling etc as required.		
41.1.1	11.1.1	Above 4.5 metre and upto 6.5 metre	Each	4758
41.1.2	11.1.2	Above 6.5 metre and upto 8.0 metre	Each	5280
41.1.3	11.1.3	Above 8.0 metre and upto 11.0 metre	Each	6324
41.1.4	11.1.4	Above 11 metre and upto 13 metre	Each	6943
41.2	11.2	Erection of RCC/ PCC pole strut in brick ballast and ramming the foundation including excavation and refilling and secured with holding clamps, bolts, nuts, etc. as required.	Each	8139
41.3	11.3	Erection of metallic pole of following length in cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size) foundation including excavation and refilling etc. as required.		
41.3.1	11.3.1	Above 4.5 metre and upto 6.5 metre	Each	4492
41.3.2	11.3.2	Above 6.5 metre and upto 8.0 metre	Each	5365
41.3.3	11.3.3	Above 8.0 metre and upto 10.0 metre	Each	6303
41.3.4	11.3.4	Above 10 metre and upto 12 metre	Each	7326
41.4	11.4	Erection of steel tubular or rail pole strut in cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size) foundation including excavation and refilling and secured with holding clamps, bolts, nuts, etc. as required.	Each	7611
41.5	11.5	Providing and making steel pole collar with cement concrete (1 cement : 3 coarse sand : 6 stone aggregate 20mm) of specified size and shape including form work, plastering if required, curing etc as required. (volume of pole/ pipe not to be deducted)	cum	6839
41.6	11.6	Supplying and embedding following dia G.I. pipe (medium class) in pole collar/ foundation (during casting) for cable entry including bending the pipe to the required shape complete as required.		
41.6.1	11.6.1	32 mm dia	metre	324
41.6.2	11.6.2	40 mm dia	metre	368

CHAPTER 42

LIGHTING CONTROLS

(These rates are inclusive of GST, Contractors Profit, Overheads & Carriage etc.)

DJB Item Code	Item Code DSR (E&M) 2018	Description	Unit	Rates Rs.
42.1.1	15.1	Supplying, installation, testing and commissioning of Passive Infrared (PIR) technology based occupancy sensor having high performance, non regulating programmable type, suitable for connected load upto 10Amp , for mounting height up to 2.8 mtr and for 5 m diameter coverage area along with necessary fixing arrangements i/c programming at site etc. complete as required.	Each	4538
42.1.2	15.2	Supplying, installation, testing and commissioning of Passive Infrared (PIR) technology based occupancy sensor with daylight dimming (lighting level shall be regulated as per availability of natural day light in an area along with occupancy detection.) having high performance, regulating programmable type, suitable for connected load upto 10Amp , for mounting height up to 2.8 mtr and for 5 m diameter coverage area along with necessary fixing arrangements i/c programming at site etc. Complete as required.	Each	6325
42.1.3	15.3	Supplying, installation, testing and commissioning of Microwave technology based occupancy sensor having high performance, non regulating programmable type, suitable for connected load upto 10Amp , for mounting height up to 2.6 mtr and for 5m X 20m coverage area along with necessary fixing arrangements i/c programming at site etc. complete as required.	Each	8615
42.1.4	15.4	Supplying, installation, testing commissioning of Astronomical time switch of following configuration to be mounted in feeder pillars / Lighting DBs for automatic switching On & OFF of street lights at sun set & sun rise or twilight (Auto ON, Auto OFF, Auto modes) with manual override facility with 12/24 hour display format with suitable battery and indication for relay status i/c programming at site complete as required.		
42.1.5	15.4.1	1 output per phase and suitable for single phase supply	Each	3657
42.1.6	15.4.2	2 output per phase and suitable for single phase supply	Each	7535
42.1.7	15.4.3	3 output (1 output per phase) and suitable for three phase supply	Each	8831

CHAPTER 43

Basic Rates of Material for E&M Items

(These rates are exclusive of GST, Contractors Profit, Overheads & Carriage etc.)

DJB Item Code	Item Code DSR (E&M) 2018	Description	Unit	Rates Rs.
43.1.1	1101	1.5sq.mmISI marked,FRLSPVCinsulated, singlecorecopperconductor cable	Metre	9
43.1.2	1102	2.5 sq. mm ISI marked, FRLS PVC insulated, single core copper conductor cable	Metre	14
43.1.3	1103	4.0 sq. mm ISI marked, FRLS PVC insulated, single core copper conductor cable	Metre	22
43.1.4	1104	6.0 sq. mm ISI marked, FRLS PVC insulated, single core copper conductor cable	Metre	32
43.1.5	1105	10 sq. mm ISI marked, FRLS PVC insulated, single core copper conductor cable	Metre	57
43.1.6	1106	16 sq. mm ISI marked, FRLS PVC insulated, single core copper conductor cable	Metre	89
43.1.7	1108	16/0.20 mm (0.5 sqmm) twin core FRLS PVC sheathed, flat flexible copper cable	Metre	9
43.1.8	1109	16/0.20 mm (0.5 sqmm) twin circular, FRLS PVC sheathed, workshop flexible copper cable	Metre	8.86
43.1.9	1110	32/0.20 mm (1.0 sqmm) twin circular, FRLS PVC sheathed, workshop flexible copper cable	Metre	7
43.1.10	1111	1 pair, 0.5 mm dia annealed copper conductor, FRLS PVC insulated, unarmoured, telephone cable	Metre	2
43.1.11	1112	2 pair, 0.5 mm dia annealed copper conductor, FRLS PVC insulated, unarmoured, telephone cable	Metre	3
43.1.12	1113	4 pair, 0.5 mm dia annealed copper conductor, FRLS PVC insulated, unarmoured, telephone cable	Metre	9
43.1.13	1114	Co-axial TV cable RG-6 grade, 0.7 mm solid copper conductor PE insulated, shielded with fine tinned copper braid protected with PVC sheath		
CONDUIT (STEEL & PVC) AND ACCESSORIES				
43.2.1	1201	20 mm dia. ISI marked, steel conduit	Metre	43
43.2.2	1202	25 mm dia. ISI marked, steel conduit	Metre	55

43.2.3	1203	32 mm dia. ISI marked, steel conduit	Metre	80
43.2.4	1204	40 mm dia. ISI marked, steel conduit	Metre	135
43.2.5	1205	50 mm dia. ISI marked, steel conduit	Metre	185
43.2.6	1206	20 mm inspection/ solid bends	each	7.20
43.2.7	1207	25 mm inspection/ solid bends	each	12.70
43.2.8	1208	32 mm inspection/ solid bends	each	23.90
43.2.9	1209	40 mm inspection/ solid bends	each	32.29
43.2.10	1210	50 mm inspection/ solid bends	each	47.40
43.2.11	1211	20 mm sockets	each	5
43.2.12	1212	25 mm sockets	each	5
43.2.13	1213	32 mm sockets	each	6
43.2.14	1214	40 mm sockets	each	9
43.2.15	1215	50 mm sockets	each	13.15
43.2.16	1216	20 mm junction box, one way	each	15
43.2.17	1217	20 mm junction box, two way	each	15
43.2.7	1218	20 mm iron staples/ saddles/ screws	each	1.50
43.2.19	1219	25 mm iron staples/ saddles/ screws	each	2.10
43.2.20	1220	32 mm iron staples/ saddles/ screws	each	3.15
43.2.21	1221	40 mm iron staples/ saddles/ screws	each	4.10
43.2.22	1222	50 mm iron staples/ saddles/ screws	each	5.40
43.2.23	1224	20 mm dia. ISI marked, PVC conduit	Metre	10.44
43.2.24	1225	25 mm dia. ISI marked, PVC conduit	Metre	14
43.2.25	1226	32 mm dia. ISI marked, PVC conduit	Metre	12.79
43.2.26	1227	40 mm dia. ISI marked, PVC conduit	Metre	32.12
43.2.27	1228	50 mm dia. ISI marked, PVC conduit	Metre	48.55
43.2.28	1229	20 mm PVC bends	each	4.71
43.2.29	1230	25 mm PVC bends	each	6.40
43.2.30	1231	32 mm PVC bends	each	9
43.2.31	1232	40 mm PVC bends	each	14
43.2.32	1233	50 mm PVC bends	each	24
43.2.33	1234	20 mm PVC couplers	each	3
43.2.5	1235	25 mm PVC couplers	each	4
43.2.6	1236	32 mm PVC couplers	each	6
43.2.7	1237	40 mm PVC couplers	each	7
43.2.8	1238	50 mm PVC couplers	each	9
43.2.9	1239	20 mm PVC junction box, one way	each	10
43.2.10	1240	20 mm PVC junction box, two way	each	11
43.2.11	1241	75 mm X 75 mm X 50 mm PVC box	each	18
43.2.12	1300	Modular GI box for 2 module	each	22.50
43.2.13	1301	Modular GI box for 3 module	each	30.50

43.2.14	1302	Modular GI box for 4 module	each	37.50
43.2.15	1303	Modular GI box for 6 module	each	50.50
43.2.16	1304	Modular GI box for 8 module	each	65.50
43.2.17	1305	Modular GI box for 12 module	each	80.50
43.2.7	1306	75 mm X 75 mm X 60 mm deep metal box	each	19
43.2.19	1307	100 mm X 100 mm X 60 mm deep metal box	each	29
43.2.20	1308	150 mm X 75 mm X 60 mm deep metal box	each	30.90
43.2.21	1309	150 mm X 150 mm X 60 mm deep metal box	each	44.35
43.2.22	1310	180 mm X 100 mm X 60 mm deep metal box	each	37.30
43.2.23	1311	200 mm X 125 mm X 60 mm deep metal box	each	46.50
43.2.24	1312	200 mm X 150 mm X 60 mm deep metal box	each	58
43.2.25	1313	200 mm X 250 mm X 60 mm deep metal box	each	75
43.2.26	1314	200 mm X 300 mm X 60 mm deep metal box	each	104
43.2.27	1315	250 mm X 300 mm X 60 mm deep metal box	each	116
43.2.28	1316	200 mm X 150 mm X 75 mm deep metal box	each	63.50
43.2.29	1317	200 mm X 250 mm X 75 mm deep metal box	each	87.50
43.2.30	1318	200 mm X 150 mm X 100 mm deep metal box	each	77
43.2.31	1319	200 mm X 250 mm X 100 mm deep metal box	each	98.80
43.2.32	1320	200 mm X 300 mm X 100 mm deep metal box	each	116
43.2.33	1321	250 mm X 300 mm X 100 mm deep metal box	each	145.30
WIRING SWITCHES AND ACCESSORIES				
43.3.1	1322	3 mm thick phenolic laminated sheet	sq c m	0.10
43.3.2	1401	Ceiling rose, 3 pin, 5 amps ISI marked	e a c h	12
43.3.3	1402	S.P. 5/6 amps, one way modular switch, ISI marked	e a c h	28
43.3.4	1403	S.P. 5/6 amps, two way modular switch, ISI marked	e a c h	56.50
43.3.5	1404	S.P. 15/16 amps, one way modular switch, ISI marked	e a c h	63
43.3.6	1405	3 pin 5/6 amps modular socket outlet, ISI marked	e a c	59.50

			n	
43.3.7	1406	6 pin 15/16 amps modular socket outlet, ISI marked	e a c h	95.50
43.3.8	1407	Modular bell push, ISI marked	e a c h	58.50
43.3.9	1408	Stepped type Modular Fan regulator (2 module)	e a c h	209.50
43.3.10	1409	Telephone Socket outlet modular type	e a c h	53.50
43.3.11	1410	T.V. Socket outlet modular type	e a c h	53.50
43.3.12	1411	Modular blanking plate	e a c h	12
43.3.13	1412	6 pin 25 amp modular type socket ISI Marked	E a c h	106.50
43.3.14	1420	Modular base & cover plate for 1 module	e a c h	37.50
43.3.15	1421	Modular base & cover plate for 2 module	e a c h	37.50
43.3.16	1422	Modular base & cover plate for 3 module	e a c h	48
43.3.17	1423	Modular base & cover plate for 4 module		55.50
43.3.18	1424	Modular base & cover plate for 6 module		77.50
43.3.19	1425	Modular base & cover plate for 8 module		99.50

43.3.20	1426	Modular base & cover plate for 12 module	123
43.3.21	1431	S.P. 5/6 amps, one way switch, piano type ISI marked	10
43.3.22	1432	S.P. 5/6 amps, two way switch, piano type ISI marked	16.80
43.3.23	1433	S.P. 15/16 amps, one way switch, piano type ISI marked	46.80
43.3.24	1434	3 pin 5/6 amps socket outlet, piano type ISI marked	19.20
43.3.25	1435	6 pin 15/16 & 5/6 amps socket outlet, piano type ISI marked	60
43.3.26	1436	Bell push, piano type	12
43.3.27	1437	Telephone Socket outlet piano type	20
43.3.28	1438	T.V. Socket outlet piano type	21
43.3.29	1441	Brass pendant holder	34
43.3.30	1442	Brass batten/ angle holder	38
43.3.31	1443	Brass bracket holder 16 mm	47

43.3.32	1444	Call bell/ buzzer, single phase	44
43.3.33	1445	PIR Occupancy sensor	3183
43.3.34	1446	PIR Occupancy sensor With Day light dimming	4532
43.3.35	1447	Microwave occupancy Sensor	6261
43.3.36	1448	Astronomical time switch suitable for 1 output per phase and suitable for single phase supply	2518
43.3.37	1449	Astronomical time switch suitable for 2 output per phase and suitable for single phase supply	5445
43.3.38	1450	Astronomical time switch suitable for 3 output (1 output per phase) and suitable for three phase supply	6424
43.3.39	1451	UTP 4 Pair CAT 6 LAN Cable	24
43.3.40	1452	PVC Batten/ Angle Holder	18
RIISING MAINS BUS TRUNKING AND OVER HEAD BUS-BAR			
43.4.1	1501	200amps.TPN,risingmainsinmetalenclosurewith aluminiumbusbarincludingfixingclamp	4213.64

43.4.2	1502	300 amps. TPN, rising mains in metal enclosure with aluminium busbar including fixing clamp		4405.17
43.4.3	1503	400 amps. TPN, rising mains in metal enclosure with aluminium busbar including fixing clamp		5458.57
43.4.4	1504	600 amps. TPN, rising mains in metal enclosure with aluminium busbar including fixing clamp		6128.92
43.4.5	1505	800 amps. TPN, rising mains in metal enclosure with aluminium busbar including fixing clamp	Metre	7421.75
43.4.6	1511	16 amps. TPN, 2 way, distribution tap off box with ISI marked HRC fuses for rising mains	each	7524.35
43.4.7	1512	16 amps. TPN, 4 way, distribution tap off box with ISI marked HRC fuses for rising mains	each	16964
43.4.8	1513	16 amps. TPN, 6 way, distribution tap off box with ISI marked HRC fuses for rising mains	each	24078
43.4.9	1514	16 amps. TPN, 8 way, distribution tap off box with ISI marked HRC fuses for rising mains	each	33381
43.4.10	1515	32 amps. TPN, 2 way, distribution tap off box with ISI marked HRC fuses for rising mains	each	9303
43.4.11	1516	32 amps. TPN, 4 way, distribution tap off box with ISI marked HRC fuses for rising mains	each	19153
43.4.12	1517	32 amps. TPN, 6 way, distribution tap off box with ISI marked HRC fuses for rising mains	each	25172
43.4.13	1518	32 amps. TPN, 8 way, distribution tap off box with ISI marked HRC fuses for rising mains	each	35022
43.4.14	1519	63 amps. TPN, 2 way, distribution tap off box with ISI marked HRC fuses for rising mains	each	10616
43.4.15	1520	63 amps. TPN, 4 way, distribution tap off box with ISI marked HRC fuses for rising mains	each	18058
43.4.16	1521	63 amps. TPN, 6 way, distribution tap off box with ISI marked HRC fuses for rising mains	each	19481
43.4.17	1522	63 amps. TPN, 8 way, distribution tap off box	each	33600

		with ISI marked HRC fuses for rising mains		
43.4.18	1526	200 amps. TPN, adaptor box with cable end box, with TPN disconnecter FSU, ISI marked HRC fuses and brass compression gland for rising mains	each	15103
43.4.19	1527	300 amps. TPN, adaptor box with cable end box, with TPN disconnecter FSU, ISI marked HRC fuses and brass compression gland for rising mains	each	16417
43.4.20	1528	400 amps. TPN, adaptor box with cable end box, with TPN disconnecter FSU, ISI marked HRC fuses and brass compression gland for rising mains	each	18058
43.4.21	1529	600 amps. TPN, adaptor box with cable end box, with TPN disconnecter FSU, ISI marked HRC fuses and brass compression gland for rising mains	each	19481
43.4.22	1530	800 amps. TPN, adaptor box with cable end box, with TPN disconnecter FSU, ISI marked HRC fuses and brass compression gland for rising mains	each	21670
43.4.23	1531	800 amps. TPN, bus trunking with aluminium busbars	Metre	8482
43.4.24	1532	1000 amps. TPN, bus trunking with aluminium busbars	Metre	10069
43.4.25	1533	1250 amps. TPN, bus trunking with aluminium busbars	Metre	12915
43.4.26	1534	1400 amps. TPN, bus trunking with aluminium busbars	Metre	16198
43.4.27	1535	1600 amps. TPN, bus trunking with aluminium busbars	Metre	16198
43.4.28	1536	200 amps. TPN, overhead busbars with aluminium busbars	Metre	4816
43.4.29	1537	400 amps. TPN, overhead busbars with aluminium busbars	Metre	6238
43.4.30	1538	32 amps. TPN, plug-in-box with TPN disconnecter FSU and ISI marked HRC fuses for overhead busbars	each	5441
43.4.31	1539	63 amps. TPN, plug-in-box with TPN disconnecter FSU and ISI marked HRC fuses for overhead busbars	each	6098
43.4.32	1540	100 amps. TPN, plug-in-box with TPN disconnecter FSU and ISI marked HRC fuses for overhead busbars	each	7036
43.4.33	1541	16 amps. TPN, one way, tap off box with TPN disconnecter FSU and ISI marked HRC fuses for rising mains	each	6019
43.4.34	1542	32 amps. TPN, one way, tap off box with TPN disconnecter FSU and ISI marked HRC fuses for rising mains	each	6348

43.4.35	1543	63 amps. TPN, one way, tap off box with TPN disconnecter FSU and ISI marked HRC fuses for rising mains	each	7114
43.4.36	1544	100 amps. TPN, one way, tap off box with TPN disconnecter FSU and ISI marked HRC fuses for rising mains	each	8208
43.4.37	1545	200 amps. TPN, one way, tap off box with TPN disconnecter FSU and ISI marked HRC fuses for rising mains	each	12915
43.4.38	1546	315 amps. TPN, one way, tap off box with TPN disconnecter FSU and ISI marked HRC fuses for rising mains	each	13681
43.4.39	1547	400 amps. TPN, one way, tap off box with TPN disconnecter FSU and ISI marked HRC fuses for rising mains	each	14228
43.4.40	1551	200 amps. TPN, compact type rising mains with aluminium busbar including all accessories	Metre	5289
43.4.41	1552	315 amps. TPN, compact type rising mains with aluminium busbar including all accessories	Metre	5727
43.4.42	1553	400 amps. TPN, compact type rising mains with aluminium busbar including all accessories	Metre	6365
43.4.43	1554	500 amps. TPN, compact type rising mains with aluminium busbar including all accessories	Metre	7327
43.4.44	1555	630 amps. TPN, compact type rising mains with aluminium busbar including all accessories	Metre	8763
43.4.45	1556	800 amps. TPN, compact type rising mains with aluminium busbar including all accessories	Metre	12162
43.4.46	1557	1000 amps. TPN, compact type rising mains with aluminium busbar including all accessories	Metre	14124
43.4.47	1558	1250 amps. TPN, compact type rising mains with aluminium busbar including all accessories	Metre	16842
43.4.48	1559	200 amps. TPN, compact type bus trunking with aluminium busbar including elbows and other all accessories	Metre	5376
43.4.49	1560	315 amps. TPN, compact type bus trunking with aluminium busbar including elbows and other all accessories	Metre	5741
43.4.50	1561	400 amps. TPN, compact type bus trunking with aluminium busbar including elbows and other all accessories	Metre	6379

43.4.51	1562	500 amps. TPN, compact type bus trunking with aluminium busbar including elbows and other all accessories	Metre	7381
43.4.52	1563	630 amps. TPN, compact type bus trunking with aluminium busbar including elbows and other all accessories	Metre	8748
43.4.53	1564	800 amps. TPN, compact type bus trunking with aluminium busbar including elbows and other all accessories	Metre	11391
43.4.54	1565	1000 amps. TPN, compact type bus trunking with aluminium busbar including elbows and other all accessories	Metre	13213
43.4.55	1566	1250 amps. TPN, compact type bus trunking with aluminium busbar including elbows and other all accessories	Metre	15491
43.4.56	1567	200 amps. TPN, End Feed Unit for compact rising mains including all accessories	each	4040
43.4.57	1568	315 amps. TPN, End Feed Unit for compact rising mains including all accessories	each	4210
43.4.58	1569	400 amps. TPN, End Feed Unit for compact rising mains including all accessories	each	5358
43.4.59	1570	500 amps. TPN, End Feed Unit for compact rising mains including all accessories	each	5613
43.4.60	1571	630 amps. TPN, End Feed Unit for compact rising mains including all accessories	each	6847
43.4.61	1572	800 amps. TPN, End Feed Unit for compact rising mains including all accessories	each	8110
43.4.62	1573	1000 amps. TPN, End Feed Unit for compact rising mains including all accessories	each	9100
43.4.63	1574	1250 amps. TPN, End Feed Unit for compact rising mains including all accessories	each	9611
43.4.64	1575	125 amps. TPN, TAP OFF Box for compact rising mains including all accessories	each	4678
43.4.65	1576	200 amps. TPN, TAP OFF Box for compact rising mains including all accessories	each	5954
43.4.66	1577	315 amps. TPN, TAP OFF Box for compact rising mains including all accessories	each	7655
43.4.67	1578	400 amps. TPN, TAP OFF Box for compact rising mains including all accessories	each	7655

43.4.68	1579	500 amps. TPN, TAP OFF Box for compact rising mains including all accessories	each	11057
43.4.69	1580	630 amps. TPN, TAP OFF Box for compact rising mains including all accessories	each	11056
SANDWICH RISHING MAINS WITH ALUMINIUM BUS BAR				
43.5.1	1581	400 amps 25KA Isc for 1 sec	Metre	8611
43.5.2	1582	500 amps 30KA Isc for 1 sec	Metre	9226
43.5.3	1583	630 amps 50KA Isc for 1 sec	Metre	9978
43.5.4	1584	800 amps 50KA Isc for 1 sec	Metre	11277
43.5.5	1585	1000 amps 50KA Isc for 1 sec	Metre	12651
43.5.6	1586	1250 amps 50KA Isc for 1 sec	Metre	14147
43.5.7	1587	1600 amps 50KA Isc for 1 sec	Metre	17223
43.5.8	1588	2000 amps 50KA Isc for 1 sec	Metre	20503
43.5.9	1589	2500 amps 50KA Isc for 1 sec	Metre	26476
43.5.10	1590	3200 amps 50KA Isc for 1 sec	Metre	29251
43.5.11	1591	4000 amps 50KA Isc for 1 sec	Metre	51027
SWITCH DISCONNECTOR SFU ANDMCCB				
43.6.1	1601	32 amps. TPN, switch is connector fuse unit (Panel mounted type) with ISI marked HRC fuses	each	1421
43.6.2	1602	63 amps. TPN, switch disconnecter fuse unit (Panel mounted type) with ISI marked HRC fuses	each	2005
43.6.3	1603	100 amps. TPN, switch disconnecter fuse unit (Panel mounted type) with ISI marked HRC fuses	each	4346
43.6.4	1604	125 amps. TPN, switch disconnecter fuse unit (Panel mounted type) with ISI marked HRC fuses	each	4829
43.6.5	1605	160 amps. TPN, switch disconnecter fuse unit (Panel mounted type) with ISI marked HRC fuses	each	5779
43.6.6	1606	200 amps. TPN switch fuse unit with ISI marked HRC fuses	each	6624
43.6.7	1607	315 amps. TPN switch fuse unit with ISI marked HRC fuses	each	10647
43.6.8	1608	400 amps. TPN switch fuse unit with ISI marked HRC fuses	each	13025
43.6.9	1610	3 pole MCCB, 100A, 16KA	each	2644
43.6.10	1611	3 pole MCCB, 125A, 16KA	each	2936
43.6.11	1612	3 pole MCCB, 150A, 16KA	each	3346
43.6.12	1613	3 pole MCCB, 200A, 16KA	each	5541
43.6.13	1614	3 pole MCCB, 200A, 25KA	each	8051
43.6.14	1615	3 pole MCCB, 250A, 25KA	each	9522

43.6.15	1616	3 pole MCCB, 250A, 35KA	each	8180
43.6.16	1617	3 pole MCCB, 315A, 35KA	each	15986
43.6.17	1618	3 pole MCCB, 400A, 35KA	each	15986
43.6.18	1619	3 pole MCCB, 500A, 35KA	each	18511
43.6.19	1620	3 pole MCCB, 630A, 50KA	each	20650
43.6.20	1621	3 pole MCCB, 800A, 50KA	each	25243
43.6.21	1622	4 pole MCCB,100A,30KA	each	5400
43.6.22	1623	4 pole MCCB, 125A, 36KA	each	5472
43.6.23	1624	4 pole MCCB, 200A, 36KA	each	11243
43.6.24	1625	4 pole MCCB,250A, 36KA	each	12821
43.6.25	1626	4 pole MCCB,250A, 50KA	each	11066
43.6.26	1627	4 pole MCCB,400A, 50KA	each	19535
43.6.27	1628	4 pole MCCB,630A, 50KA	each	24309
MCBs, ISOLATORS, RCCBs AND MCB DBs				
43.7.1	1705	25 amp modular SPMCB, 'C' curve	each	161
43.7.2	1706	6 amps. to 32 amps. ratings , SP MCB, "C" curve, 10 KA breaking capacity	each	102
43.7.3	1707	6 amps. to 32 amps. ratings , SPN MCB, "C" curve, 10 KA breaking capacity	each	362.29
43.7.4	1708	6 amps. to 32 amps. ratings , DP MCB, "C" curve, 10 KA breaking capacity	each	371
43.7.5	1709	6 amps. to 32 amps. ratings , TP MCB, "C" curve, 10 KA breaking capacity	each	575
43.7.6	1710	6 amps. to 32 amps. ratings , TPN MCB, "C" curve, 10 KA breaking capacity	each	776
43.7.7	1711	Single pole, blanking plate	each	5
43.7.8	1712	40 amps., 2 pole isolator	each	207
43.7.9	1713	63 amps., 2 pole isolator	each	242
43.7.10	1714	40 amps., 4 pole isolator	each	531
43.7.11	1715	63 amps., 4 pole isolator	each	536
43.7.12	1716	100 amps., 4 pole isolator	each	693
43.7.13	1717	25 amps. rating, 2 pole RCCB, 30mA	each	1394
43.7.14	1718	40 amps. rating, 2 pole RCCB, 30mA	each	1521
43.7.15	1719	63 amps. rating, 2 pole RCCB, 30mA	each	1932
43.7.16	1720	25 amps. rating, 4 pole RCCB, 30mA	each	1810
43.7.17	1721	40 amps. rating, 4 pole RCCB, 30mA	each	1885
43.7.18	1722	63 amps. rating, 4 pole RCCB, 30mA	each	1999
43.7.19	1723	16/25 amps. rating, 2 pole RCBO 100mA/ 300mA sensitivity	each	Deleted
43.7.20	1724	32 amps. rating, 2 pole RCBO 100mA/ 300mA sensitivity	each	Deleted

43.7.21	1725	40 amps. rating, 2 pole RCBO 100mA/ 300mA sensitivity	each	Deleted
43.7.22	1726	16/25 amps. rating, 4 pole RCBO 100mA/ 300mA sensitivity	each	Deleted
43.7.23	1727	32 amps. rating, 4 pole RCBO 100mA/ 300mA sensitivity	each	Deleted
43.7.24	1728	40 amps. rating, 4 pole RCBO 100mA/ 300mA sensitivity	each	Deleted
43.7.25	1730	20 amps. SPN, industrial type socket outlet, with plug top and metal chained cover in sheet steel enclosure	each	490
43.7.26	1731	20 amps. TPN, industrial type socket outlet, with plug top and metal chained cover in sheet steel enclosure	each	490
43.7.27	1732	30amps.TPN,industrialtypesocketoutlet,withplugtop andmetalchainedcoverinsheetsteelenclousure	each	1515
43.7.28	1734	2+2 way, SPN, single door, MCB DB	each	634
43.7.29	1735	2+4 way, SPN, single door, MCB DB	each	689
43.7.30	1736	2+6 way, SPN, single door, MCB DB	each	790
43.7.31	1737	2+10 way, SPN, single door, MCB DB	each	936
43.7.32	1738	6 way, SPN, double door, MCB DB	each	991
43.7.33	1739	8 way, SPN, double door, MCB DB	each	1066
43.7.34	1740	12 way, SPN, double door, MCB DB	each	1287
43.7.35	1741	14 way, SPN, double door, MCB DB	each	1589
43.7.36	1742	Sheet steel DP MCB enclosure	each	148
43.7.37	1743	Sheet steel TP MCB enclosure	each	169
43.7.38	1751	4 way (4+12), TPN, MCB DB, single door, horizontal type	each	Deleted
43.7.39	1752	6 way (4+18), TPN, MCB DB, single door, horizontal type	each	Deleted
43.7.40	1753	8 way (4+24), TPN, MCB DB, single door, horizontal type	each	Deleted
43.7.41	1754	4 way (4+12), TPN, MCB DB, double door, horizontal type	each	2005
43.7.42	1755	6 way (4+18), TPN, MCB DB, double door, horizontal type	each	2477
43.7.43	1756	8 way (4+24), TPN, MCB DB, double door, horizontal type	each	3162
43.7.44	1757	4 way (4+12), TPN, vertical type, MCB DB, single door	each	Deleted
43.7.45	1758	8 way (4+24), TPN, vertical type, MCB DB, single door	each	Deleted
43.7.46	1759	12 way (4+36), TPN, vertical type, MCB DB, single door	each	Deleted
43.7.47	1760	4 way (4+12), TPN, vertical type, MCB DB, double door	each	3955
43.7.48	1761	8 way (4+24), TPN, vertical type, MCB DB, double door	each	5535
43.7.49	1762	12 way (4+36), TPN, vertical type, MCB DB, double door	each	7108
43.7.50	1763	4 way, TPN, vertical type, single door, MCB DB with provision to mount MCCB as incomer	each	Deleted

43.7.51	1764	8 way, TPN, vertical type, single door, MCB DB with provision to mount MCCB as incomer	each	Deleted
43.7.52	1765	12 way, TPN, vertical type, single door, MCB DB with provision to mount MCCB as incomer	each	Deleted
43.7.53	1771	2 + 4 way, SPN, prewired MCB DB with extended loose wire box, singledoor	each	Deleted
43.7.54	1772	2 + 8 way, SPN, prewired MCB DB with extended loose wire box, singledoor	each	Deleted
43.7.55	1773	2 + 12 way, SPN, prewired MCB DB with extended loose wire box, singledoor	each each	Deleted
43.7.56	1774	2 + 4 way, SPN, prewired MCB DB with extended loose wire box, double door	each	Deleted
43.7.57	1775	2 + 8 way, SPN, prewired MCB DB with extended loose wire box, double door	each	Deleted
43.7.58	1776	2 + 12 way, SPN, prewired MCB DB with extended loose wire box, double door	each	Deleted
43.7.59	1779	4 way, (4+12) TPN, prewired MCB DB with extended loosewire box, singledoor	each	Deleted
43.7.60	1780	6 way, (4+18) TPN, prewired MCB DB with extended loosewire box, singledoor	each	Deleted
43.7.61	1781	8 way, (4+24) TPN, prewired MCB DB with extended loosewire box, singledoor	each	Deleted
43.7.62	1782	12 way, (4+36) TPN, prewired MCB DB with extended loosewire box, singledoor	each	Deleted
43.7.63	1783	4 way, (4+12) TPN, prewired MCB DB with extended loosewire box, double door	each	Deleted
43.7.64	1784	6 way, (4+18) TPN, prewired MCB DB with extended loosewire box, double door	each	Deleted
43.7.65	1785	8 way, (4+24) TPN, prewired MCB DB with extended loosewire box, double door	each	Deleted
43.7.66	1786	12 way, (4+36) TPN, prewired MCB DB with extended loosewire box, double door	each	Deleted
43.7.67	1787	4 way (4+4), TPN, vertical type, prewired, MCB DB with extended loose wire box, single door	each	Deleted
43.7.68	1788	6 way (4+6), TPN, vertical type, prewired, MCB DB with extended loose wire box, single door	each	Deleted
43.7.69	1789	8 way (4+8), TPN, vertical type, prewired, MCB DB with extended loose wire box, single door	each	Deleted
43.7.70	1790	12 way (4+12), TPN, vertical type, prewired, MCB DB with extended loose wire box, single door	each	Deleted

43.7.71	1791	4 way (4+4), TPN, vertical type, prewired, MCB DB with extended loose wire box, double door	each	Deleted
43.7.72	1792	6 way (4+6), TPN, vertical type, prewired, MCB DB with extended loose wire box, double door	each	Deleted
43.7.73	1793	8 way (4+8), TPN, vertical type, prewired, MCB DB with extended loose wire box, double door	each	Deleted
43.7.74	1794	12way(4+12),TPN,verticaltype,prewired,MCBDBwithexten dedloosewirebox,doubledoor	each	Deleted

CABLE END BOX

43.8.1	1801	Cable End Boxes for 6 Way SPN DD DB	each	314.29
43.8.2	1802	Cable End Boxes for 8 Way SPN DD DB	each	391.74
43.8.3	1803	Cable End Boxes for 10 Way SPN DD DB	each	403
43.8.4	1804	Cable End Boxes for 14 Way SPN DD DB	each	492
43.8.5	1805	Cable End Boxes for 4 Way TPN DD DB	each	522.32
43.8.6	1806	Cable End Boxes for 6 Way TPN DDDB	each	641.29
43.8.7	1807	Cable End Boxes for 8 Way TPN DDDB	each	774.78
43.8.8	1808	Cable End Boxes for Vertical TPN DD DB	each	416

BRASS COMPRESSION GLANDS

43.9.1	2101	Brasscompressiongland(19mm)for2X6sq.mm1.1 KVgradecable	set	26
43.9.2	2102	Brasscompressiongland(19mm)for2X10 sq. mm 1.1 KV grade cable	set	26
43.9.3	2103	Brasscompressionglandfor(22mm)2X16 sq.mm 1.1 KV grade cable	set	35
43.9.4	2104	Brasscompressionglandfor(22mm)2X25 sq.mm 1.1 KV grade cable		35
43.9.5	2105	Brasscompressionglandfor(25mm)2X35 sq.mm 1.1 KV grade cable	set	40
43.9.6	2106	Brasscompressionglandfor(28mm)2X50 sq.mm 1.1 KV grade cable	set	59
43.9.7	2107	Brasscompressionglandfor(22mm)3X10 sq.mm 1.1 KV grade cable	set	35
43.9.8	2108	Brasscompressionglandfor(25mm)3X16 sq.mm 1.1 KV grade cable	set	40
43.9.9	2109	Brasscompressionglandfor(25mm)3X25 sq.mm 1.1 KV grade cable	set	40

43.9.10	2110	Brass compression gland for (28mm) 3X35 sq.mm 1.1 KV grade cable	set	59
43.9.11	2111	Brass compression gland for (32mm) 3X50 sq.mm 1.1 KV grade cable	set	70
43.9.12	2112	Brass compression gland for (35mm) 3X70 sq.mm 1.1 KV grade cable	set	89
43.9.13	2113	Brass compression gland for (38 mm) 3 X 95 sq. mm 1.1 KV grade cable	set	108
43.9.14	2114	Brass compression gland for (45 mm) 3 X 120 sq. mm 1.1 KV grade cable	set	135
43.9.15	2115	Brass compression gland for (50 mm) 3 X 150 sq. mm 1.1 KV grade cable	set	172
43.9.16	2116	Brass compression gland for (57 mm) 3 X 185 sq. mm 1.1 KV grade cable	set	222
43.9.17	2117	Brass compression gland for (62 mm) 3 X 225 sq. mm 1.1 KV grade cable	set	264
43.9.18	2118	Brass compression gland for (62 mm) 3 X 240 sq. mm 1.1 KV grade cable	set	264
43.9.19	2119	Brass compression gland for (70 mm) 3 X 300 sq. mm 1.1 KV grade cable	set	314
43.9.20	2120	Brass compression gland for (28 mm) 3½ X 25 sq. mm 1.1 KV grade cable	set	59
43.9.21	2121	Brass compression gland for (32 mm) 3½ X 35 sq. mm 1.1 KV grade cable	set	70
43.9.22	2122	Brass compression gland for (35 mm) 3½ X 50 sq. mm 1.1 KV grade cable	set	89
43.9.23	2123	Brass compression gland for (38 mm) 3½ X 70 sq. mm 1.1 KV grade cable	set	108
43.9.24	2124	Brass compression gland for (45 mm) 3½ X 95 sq. mm 1.1 KV grade cable	set	135
43.9.25	2125	Brass compression gland for (45 mm) 3½ X 120 sq. mm 1.1 KV grade cable	set	135
43.9.26	2126	Brass compression gland for (50 mm) 3½ X 150 sq. mm 1.1 KV grade cable	set	172
43.9.27	2127	Brass compression gland for (57 mm) 3½ X 185 sq. mm 1.1 KV grade cable	set	222
43.9.28	2128	Brass compression gland for (62 mm) 3½ X 225 sq. mm 1.1 KV grade cable	set	264
43.9.29	2129	Brass compression gland for (62 mm) 3½ X 240 sq. mm 1.1 KV grade cable	set	264

43.9.30	2130	Brass compression gland for (70 mm) 3½ X 300 sq. mm 1.1 KV grade cable	set	314
43.9.31	2131	Brass compression gland for (82 mm) 3½ X 400 sq. mm 1.1 KV grade cable	set	448
43.9.32	2132	Brass compression gland for (25 mm) 4 X 10 sq. mm 1.1 KV grade cable	set	40
43.9.33	2133	Brass compression gland for (28 mm) 4 X 16 sq. mm 1.1 KV grade cable	set	59
43.9.34	2134	Brass compression gland for (28 mm) 4 X 25 sq. mm 1.1 KV grade cable	set	59
43.9.35	2135	Brass compression gland for (32 mm) 4 X 35 sq. mm 1.1 KV grade cable	set	70
43.9.36	2136	Brass compression gland for (35 mm) 4 X 50 sq. mm 1.1 KV grade cable	set	89
Aluminium Lugs				
43.10.1	2201	Aluminium lugs for 6 sq. mm cable	each	1
43.10.2	2202	Aluminium lugs for 10 sq. mm cable	each	1
43.10.3	2203	Aluminium lugs for 16 sq. mm cable	each	2
43.10.4	2204	Aluminium lugs for 25 sq. mm cable	each	2
43.10.5	2205	Aluminium lugs for 35 sq. mm cable	each	3
43.10.6	2206	Aluminium lugs for 50 sq. mm cable	each	4
43.10.7	2207	Aluminium lugs for 70 sq. mm cable	each	7
43.10.8	2208	Aluminium lugs for 95 sq. mm cable	each	8
43.10.9	2209	Aluminium lugs for 120 sq. mm cable	each	11
43.10.10	2210	Aluminium lugs for 150 sq. mm cable	each	15
43.10.11	2211	Aluminium lugs for 185 sq. mm cable	each	19
43.10.12	2212	Aluminium lugs for 225 sq. mm cable	each	27
43.10.13	2213	Aluminium lugs for 240 sq. mm cable	each	31
43.10.14	2214	Aluminium lugs for 300 sq. mm cable	each	45
43.10.15	2215	Aluminium lugs for 400 sq. mm cable	each	65
MV CABLE JOINTING KITS				
43.11.1	2300	Outdoor cable jointing kit with cast resin compound with lugs for 2 X 16 sq. mm 1.1 KV grade cable	set	625
43.11.2	2301	Outdoor cable jointing kit with cast resin compound with lugs for 2 X 25 sq. mm 1.1 KV grade cable	set	701
43.11.3	2302	Outdoor cable jointing kit with cast resin compound with lugs for 2 X 35 sq. mm 1.1 KV grade cable	set	701

43.11.4	2303	Outdoor cable jointing kit with cast resin compound with lugs for 2 X50 sq. mm 1.1 KV grade cable	set	701
43.11.5	2304	Outdoor cable jointing kit with cast resin compound with lugs for 3 X16 sq. mm 1.1 KV grade cable	set	701
43.11.6	2305	Outdoor cable jointing kit with cast resin compound with lugs for 3 X25 sq. mm 1.1 KV grade cable	set	701
43.11.7	2306	Outdoor cable jointing kit with cast resin compound with lugs for 3 X35 sq. mm 1.1 KV grade cable	set	701
43.11.8	2307	Outdoor cable jointing kit with cast resin compound with lugs for 3 X50 sq. mm 1.1 KV grade cable	set	771
43.11.9	2308	Outdoor cable jointing kit with cast resin compound with lugs for 3 X70 sq. mm 1.1 KV grade cable	set	771
43.11.10	2309	Outdoor cable jointing kit with cast resin compound with lugs for 3 X95 sq. mm 1.1 KV grade cable	set	878
43.11.11	2310	Outdoor cable jointing kit with cast resin compound with lugs for 3 X 120 sq. mm 1.1 KV grade cable	set	878
43.11.12	2311	Outdoor cable jointing kit with cast resin compound with lugs for 3 X 150 sq. mm 1.1 KV grade cable	set	878
43.11.13	2312	Outdoor cable jointing kit with cast resin compound with lugs for 3 X 185 sq. mm 1.1 KV grade cable	set	1326
43.11.14	2313	Outdoor cable jointing kit with cast resin compound with lugs for 3 X 225 sq. mm 1.1 KV grade cable	set	1326
43.11.15	2314	Outdoor cable jointing kit with cast resin compound with lugs for 3 X 240 sq. mm 1.1 KV grade cable	set	1604
43.11.16	2315	Outdoor cable jointing kit with cast resin compound with lugs for 3 X 300 sq. mm 1.1 KV grade cable	set	1604
43.11.17	2316	Outdoor cable jointing kit with cast resin compound with lugs for 3½ X 25 sq. mm 1.1 KV grade cable	set	701
43.11.18	2217	Outdoor cable jointing kit with cast resin compound with lugs for 3½ X 35 sq. mm 1.1 KV grade cable	set	771
43.11.19	2318	Outdoor cable jointing kit with cast resin compound with lugs for 3½ X 50 sq. mm 1.1 KV grade cable	set	771

43.11.20	2319	Outdoor cable jointing kit with cast resin compound with lugs for 3½ X 70 sq. mm 1.1 KV grade cable	set	878
43.11.21	2320	Outdoor cable jointing kit with cast resin compound with lugs for 3½ X 95 sq. mm 1.1 KV grade cable	set	878
43.11.22	2321	Outdoor cable jointing kit with cast resin compound with lugs for 3½ X 120 sq. mm 1.1 KV grade cable	set	878
43.11.23	2322	Outdoor cable jointing kit with cast resin compound with lugs for 3½ X 150 sq. mm 1.1 KV grade cable	set	1326
43.11.24	2323	Outdoor cable jointing kit with cast resin compound with lugs for 3½ X 185 sq. mm 1.1 KV grade cable	set	946
43.11.25	2324	Outdoor cable jointing kit with cast resin compound with lugs for 3½ X 225 sq. mm 1.1 KV grade cable	set	1604
43.11.26	2325	Outdoor cable jointing kit with cast resin compound with lugs for 3½ X 240 sq. mm 1.1 KV grade cable	set	1604
43.11.27	2326	Outdoor cable jointing kit with cast resin compound with lugs for 3½ X 300 sq. mm 1.1 KV grade cable	set	1604
43.11.28	2327	Outdoor cable jointing kit with cast resin compound with lugs for 3½ X 400 sq. mm 1.1 KV grade cable	set	1931
43.11.29	2328	Outdoor cable jointing kit with cast resin compound with lugs for 4 X16 sq. mm 1.1 KV grade cable	set	701
43.11.30	2329	Outdoor cable jointing kit with cast resin compound with lugs for 4 X25 sq. mm 1.1 KV grade cable	set	701
43.11.31	2330	Outdoor cable jointing kit with cast resin compound with lugs for 4 X35 sq. mm 1.1 KV grade cable	set	771
43.11.32	2331	Outdoor cable jointing kit with cast resin compound with lugs for 4 X50 sq. mm 1.1 KV grade cable	set	771
43.11.33	2332	Straight through cable jointing kit with cast resin compound with ferrules for 2 X 16 sq. mm 1.1 KV grade cable	set	1654
43.11.34	2333	Straight through cable jointing kit with cast resin compound with ferrules for 2 X 25 sq. mm 1.1 KV grade cable	set	1654
43.11.35	2334	Straight through cable jointing kit with cast resin compound with ferrules for 2 X 35 sq. mm 1.1 KV grade cable	set	1654

43.11.36	2335	Straight through cable jointing kit with cast resin compound with ferrules for 2 X 50 sq. mm 1.1 KV grade cable	set	1931
43.11.37	2336	Straight through cable jointing kit with cast resin compound with ferrules for 3 X 16 sq. mm 1.1 KV grade cable	set	1931
43.11.38	2337	Straight through cable jointing kit with cast resin compound with ferrules for 3 X 25 sq. mm 1.1 KV grade cable	set	1654
43.11.39	2338	Straight through cable jointing kit with cast resin compound with ferrules for 3 X 35 sq. mm 1.1 KV grade cable	set	1654
43.11.40	2339	Straight through cable jointing kit with cast resin compound with ferrules for 3 X 50 sq. mm 1.1 KV grade cable	set	1931
43.11.41	2340	Straight through cable jointing kit with cast resin compound with ferrules for 3 X 70 sq. mm 1.1 KV grade cable	set	2310
43.11.42	2341	Straight through cable jointing kit with cast resin compound with ferrules for 3 X 95 sq. mm 1.1 KV grade cable	set	2373
43.11.43	2342	Straight through cable jointing kit with cast resin compound with ferrules for 3 X 120 sq. mm 1.1 KV grade cable	set	2714
43.11.44	2343	Straight through cable jointing kit with cast resin compound with ferrules for 3 X 150 sq. mm 1.1 KV grade cable	set	2714
43.11.45	2344	Straight through cable jointing kit with cast resin compound with ferrules for 3 X 185 sq. mm 1.1 KV grade cable	set	3307
43.11.46	2345	Straight through cable jointing kit with cast resin compound with ferrules for 3 X 225 sq. mm 1.1 KV grade cable	set	3799
43.11.47	2346	Straight through cable jointing kit with cast resin compound with ferrules for 3 X 240 sq. mm 1.1 KV grade cable	set	3799
43.11.48	2347	Straight through cable jointing kit with cast resin compound with ferrules for 3 X 300 sq. mm 1.1 KV grade cable	set	4783
43.11.49	2348	Straight through cable jointing kit with cast resin compound with ferrules for 3½ X 25 sq. mm 1.1 KV grade cable	set	1931
43.11.50	2349	Straight through cable jointing kit with cast resin compound with ferrules for 3½ X 35 sq. mm 1.1 KV grade cable	set	1931
43.11.51	2350	Straight through cable jointing kit with cast resin compound with ferrules for 3½ X 50 sq. mm 1.1 KV grade cable	set	2310
43.11.52	2351	Straight through cable jointing kit with cast resin compound with ferrules for 3½ X 70 sq. mm 1.1	set	2333

		KV grade cable		
43.11.53	2352	Straight through cable jointing kit with cast resin compound with ferrules for 3½ X 95 sq. mm 1.1 KV grade cable	set	2714
43.11.54	2353	Straight through cable jointing kit with cast resin compound with ferrules for 3½ X 120 sq. mm 1.1 KV grade cable	set	3307
43.11.55	2354	Straight through cable jointing kit with cast resin compound with ferrules for 3½ X 150 sq. mm 1.1 KV grade cable	set	3307
43.11.56	2355	Straight through cable jointing kit with cast resin compound with ferrules for 3½ X 185 sq. mm 1.1 KV grade cable	set	3799
43.11.57	2356	Straight through cable jointing kit with cast resin compound with ferrules for 3½ X 225 sq. mm 1.1 KV grade cable	set	3875
43.11.58	2357	Straight through cable jointing kit with cast resin compound with ferrules for 3½ X 240 sq. mm 1.1 KV grade cable	set	4783
43.11.59	2358	Straight through cable jointing kit with cast resin compound with ferrules for 3½ X 300 sq. mm 1.1 KV grade cable	set	5730
43.11.60	2359	Straight through cable jointing kit with cast resin compound with ferrules for 3½ X 400 sq. mm 1.1 KV grade cable	set	3076
43.11.61	2360	Straight through cable jointing kit with cast resin compound with ferrules for 4 X 16 sq. mm 1.1 KV grade cable	set	1654
43.11.62	2361	Straight through cable jointing kit with cast resin compound with ferrules for 4 X 25 sq. mm 1.1 KV grade cable	set	1931
43.11.63	2362	Straight through cable jointing kit with cast resin compound with ferrules for 4 X 35 sq. mm 1.1 KV grade cable	set	1931
43.11.64	2363	Straight through cable jointing kit with cast resin compound with ferrules for 4 X 50 sq. mm 1.1 KV grade cable	set	2310
43.11.65	2364	Straight through cable jointing kit with heat shrinkable kit with ferrules for 2 X 16 sq. mm 1.1 KV grade cable	set	1025
43.11.66	2365	Straight through cable jointing kit with heat shrinkable kit with ferrules for 2 X 25 sq. mm 1.1 KV grade cable	set	1025
43.11.67	2366	Straight through cable jointing kit with heat shrinkable kit with ferrules for 2 X 35 sq. mm 1.1 KV grade cable	set	1025
43.11.68	2367	Straight through cable jointing kit with heat shrinkable kit with ferrules for 2 X 50 sq. mm 1.1 KV grade cable	set	1197

43.11.69	2368	Straight through cable jointing kit with heat shrinkable kit with ferrules for 3 X 16 sq. mm 1.1 KV grade cable	set	1025
43.11.70	2369	Straight through cable jointing kit with heat shrinkable kit with ferrules for 3 X 25 sq. mm 1.1 KV grade cable	set	1025
43.11.71	2370	Straight through cable jointing kit with heat shrinkable kit with ferrules for 3 X 35 sq. mm 1.1 KV grade cable	set	1197
43.11.72	2371	Straight through cable jointing kit with heat shrinkable kit with ferrules for 3 X 50 sq. mm 1.1 KV grade cable	set	1197
43.11.73	2372	Straight through cable jointing kit with heat shrinkable kit with ferrules for 3 X 70 sq. mm 1.1 KV grade cable	set	1431
43.11.74	2373	Straight through cable jointing kit with heat shrinkable kit with ferrules for 3 X 95 sq. mm 1.1 KV grade cable	set	1470
43.11.75	2374	Straight through cable jointing kit with heat shrinkable kit with ferrules for 3 X 120 sq. mm 1.1 KV grade cable	set	1682
43.11.76	2375	Straight through cable jointing kit with heat shrinkable kit with ferrules for 3 X 150 sq. mm 1.1 KV grade cable	set	1682
43.11.77	2376	Straight through cable jointing kit with heat shrinkable kit with ferrules for 3 X 185 sq. mm 1.1 KV grade cable	set	2049
43.11.78	2377	Straight through cable jointing kit with heat shrinkable kit with ferrules for 3 X 225 sq. mm 1.1 KV grade cable	set	2354
43.11.79	2378	Straight through cable jointing kit with heat shrinkable kit with ferrules for 3 X 240 sq. mm 1.1 KV grade cable	set	2401
43.11.80	2379	Straight through cable jointing kit with heat shrinkable kit with ferrules for 3 X 300 sq. mm 1.1 KV grade cable	set	2963
43.11.81	2380	Straight through cable jointing kit with heat shrinkable kit with ferrules for 3½ X 25 sq. mm 1.1 KV grade cable	set	1197
43.11.82	2381	Straight through cable jointing kit with heat shrinkable kit with ferrules for 3½ X 35 sq. mm 1.1 KV grade cable	set	1197
43.11.83	2382	Straight through cable jointing kit with heat shrinkable kit with ferrules for 3½ X 50 sq. mm 1.1 KV grade cable	set	1431
43.11.84	2383	Straight through cable jointing kit with heat shrinkable kit with ferrules for 3½ X 70 sq. mm 1.1 KV grade cable	set	1470
43.11.85	2384	Straight through cable jointing kit with heat shrinkable kit with ferrules for 3½ X 95 sq. mm	set	1470

		1.1 KV grade cable		
43.11.86	2385	Straight through cable jointing kit with heat shrinkable kit with ferrules for 3½ X 120 sq. mm 1.1 KV grade cable	set	2049
43.11.87	2386	Straight through cable jointing kit with heat shrinkable kit with ferrules for 3½ X 150 sq. mm 1.1 KV grade cable	set	2049
43.11.88	2387	Straight through cable jointing kit with heat shrinkable kit with ferrules for 3½ X 185 sq. mm 1.1 KV grade cable	set	2380
43.11.89	2388	Straight through cable jointing kit with heat shrinkable kit with ferrules for 3½ X 225 sq. mm 1.1 KV grade cable	set	2401
43.11.90	2389	Straight through cable jointing kit with heat shrinkable kit with ferrules for 3½ X 240 sq. mm 1.1 KV grade cable	set	2963
43.11.91	2390	Straight through cable jointing kit with heat shrinkable kit with ferrules for 3½ X 300 sq. mm 1.1 KV grade cable	set	3550
43.11.92	2391	Straight through cable jointing kit with heat shrinkable kit with ferrules for 3½ X 400 sq. mm 1.1 KV grade cable	set	4378
43.11.93	2392	Straight through cable jointing kit with heat shrinkable kit with ferrules for 4 X 16 sq. mm 1.1 KV grade cable	set	1025
43.11.94	2393	Straight through cable jointing kit with heat shrinkable kit with ferrules for 4 X 25 sq. mm 1.1 KV grade cable	set	1197
43.11.95	2394	Straight through cable jointing kit with heat shrinkable kit with ferrules for 4 X 35 sq. mm 1.1 KV grade cable	set	1197
43.11.96	2395	Straight through cable jointing kit with heat shrinkable kit with ferrules for 4 X 50 sq. mm 1.1 KV grade cable	set	1431
11 KV & 33 KV CABLE JOINTING KITS				
43.12.1	2413	Indoor cable jointing kit with cast resin compound with lugs for 11 KV grade XLPE cable for 3 core 70 sq. mm.	set	839
43.12.2	2414	Indoor cable jointing kit with cast resin compound with lugs for 11 KV grade XLPE cable for 3 core 120 sq. mm.	set	839
43.12.3	2415	Indoor cable jointing kit with cast resin compound with lugs for 11 KV grade XLPE cable for 3 core 240 sq. mm.	set	1225
43.12.4	2416	Indoor cable jointing kit with cast resin compound with lugs for 11 KV grade XLPE cable for 3 core	set	1270

		300 sq. mm.		
43.12.5	2417	Outdoor cable jointing kit with cast resin compound with lugs for 11 KV grade XLPE cable for 3 core 70 sq. mm.	set	2873
43.12.6	2418	Outdoor cable jointing kit with cast resin compound with lugs for 11 KV grade XLPE cable for 3 core 120 sq. mm.	set	2911
43.12.7	2419	Outdoor cable jointing kit with cast resin compound with lugs for 11 KV grade XLPE cable for 3 core 240 sq. mm.	set	3296
43.12.8	2420	Outdoor cable jointing kit with cast resin compound with lugs for 11 KV grade XLPE cable for 3 core 300 sq. mm.	set	3296
43.12.9	2421	Straight through cable jointing kit with cast resin compound with ferrules for 11 KV grade XLPE cable for 3 core 70 sq. mm.	set	2253
43.12.10	2422	Straight through cable jointing kit with cast resin compound with ferrules for 11 KV grade XLPE cable for 3 core 120 sq. mm.	set	2714
43.12.11	2423	Straight through cable jointing kit with cast resin compound with ferrules for 11 KV grade XLPE cable for 3 core 240 sq. mm.	set	4294
43.12.12	2424	Straight through cable jointing kit with cast resin compound with ferrules for 11 KV grade XLPE cable for 3 core 300 sq. mm.	set	5088
43.12.13	2437	Indoor heat shrinkable cable jointing kit with lugs for 11 KV grade XLPE cable for 3 core 70 sq. mm.	set	5783
43.12.14	2438	Indoor heat shrinkable cable jointing kit with lugs for 11 KV grade XLPE cable for 3 core 120 sq. mm.	set	5783
43.12.15	2439	Indoor heat shrinkable cable jointing kit with lugs for 11 KV grade XLPE cable for 3 core 240 sq. mm.	set	7604
43.12.16	2440	Indoor heat shrinkable cable jointing kit with lugs for 11 KV grade XLPE cable for 3 core 300 sq. mm.	set	7604
43.12.17	2441	Outdoor heat shrinkable cable jointing kit with lugs for 11 KV grade XLPE cable for 3 core 70 sq. mm.	set	10353
43.12.7	2442	Outdoor heat shrinkable cable jointing kit with lugs for 11 KV grade XLPE cable for 3 core 120 sq. mm.	set	10353
43.12.19	2443	Outdoor heat shrinkable cable jointing kit with lugs for 11 KV grade XLPE cable for 3 core 240 sq. mm.	set	11745

43.12.20	2444	Outdoor heat shrinkable cable jointing kit with lugs for 11 KV grade XLPE cable for 3 core 300 sq. mm.	set	11745
43.12.21	2445	Straight through heat shrinkable cable jointing kit with ferrules for 11 KV grade XLPE cable for 3 core 70 sq. mm.	set	11710
43.12.22	2446	Straight through heat shrinkable cable jointing kit with ferrules for 11 KV grade XLPE cable for 3 core 120 sq. mm.	set	12681
43.12.23	2447	Straight through heat shrinkable cable jointing kit with ferrules for 11 KV grade XLPE cable for 3 core 240 sq. mm.	set	13366
43.12.24	2448	Straight through heat shrinkable cable jointing kit with ferrules for 11 KV grade XLPE cable for 3 core 300 sq. mm.	set	13366
OVER HEAD LINE ACCESSORIES				
43.13.1	2601	Stayrod(1.8Mlong,19/20mmdia.)withanch orplate 45cmX45cmX7.5mmcompletewiththimble etc.	set	432
43.13.2	2602	Stay wire (7/4 mm dia.)	kg	37
43.13.3	2603	Stay wire (7/3.15 mm dia.)	kg	37
43.13.4	2604	Turn buckle (20 mm X 60 cm)	each	158
43.13.5	2605	Strain insulator	each	22
43.13.6	2606	Bow tightner	each	16
43.13.7	2607	Shackle insulator (75 mm X 90 mm) with G.I. bolts and nuts	set	29
43.13.8	2608	Shackleinsulator(100mmX110mm)withG.I.boltsandnuts	set	50
43.13.9	2609	Pin insulator (100 mm X 65 mm) with G.I. spindle and nuts	set	27.36
43.13.10	2610	Pin insulator (100 mm X 80 mm) with G.I. spindle and nuts	set	28.80
43.13.11	2611	MV horn gap lightning arrestor with pin insulator (100 mm X 65 mm), spindle and brass metal parts etc.	set	79.20

43.13.12	2615	15 amps aerial fuse complete with porcelain tube as required	each	13
43.13.13	2616	30 amps aerial fuse complete with porcelain tube as required	each	20
43.13.14	2618	Stay clamp	set	50.40
43.13.15	2619	Brace (50 mm X 50 mm X 6 mm angle iron)	Metre	169
43.13.16	2620	Angle iron bracket (50 mm X 50 mm X 6 mm) 65 cm long	each	111.60
43.13.17	2623	Eye hook	each	23.75
43.13.18	2624	Guy clamp	each	54
43.13.19	2635	D' iron clamp (with coach screws)	each	61.20
43.13.20	2645	11 KV pin insulator with pin washers and Nuts	set	90.40
43.13.21	2646	11 KV disc insulator	set	404.80
43.13.22	2647	Galvanised insulator hardware fitting ball and socket type with strain clamps, bolts, nuts and washers	set	118.80
43.13.23	2649	Galvanised insulator hardware fitting ball and socket type the strain clamps,bolts,nuts and washers for 3 Nos 11 KV disk insulator	set	347
43.13.24	2650	3 piece lightning arrestor set for 11 KV O.H. lines completewith G.I. clamps bolts and nuts with washers	set	1620
43.13.25	2665	G.I. strap for shackle insulator	set	43.20
CABLE TRAYS PRE PAINTED WITH POWDERCOATING				
43.14.1	2701	MSperforatedcable tray paintedwithpowdercoating100 X 50 X 1.6mm	Metre	144
43.14.2	2702	MSperforatedcable tray paintedwithpowdercoating150 X 50 X 1.6mm	Metre	180
43.14.3	2703	MSperforatedcable tray paintedwithpowdercoating225 X 50 X 1.6mm	Metre	226
43.14.4	2704	MSperforatedcable tray paintedwithpowdercoating300 X 50 X 1.6mm	Metre	241.15
43.14.5	2705	MSperforatedcable tray paintedwithpowdercoating 375 X 50 X 2mm	Metre	257.75
43.14.6	2706	MSperforatedcable tray paintedwithpowdercoating 450 X 50 X 2mm	Metre	274.30
43.14.7	2707	MSperforatedcable tray paintedwithpowdercoating600 X 50 X 2mm	Metre	310.70
43.14.8	2708	MSperforatedcable tray paintedwithpowdercoating300 X 62.5 X 2mm	Metre	221.65

43.14.9	2709	MS perforated cable tray painted with powder coating 375 X 62.5 X 2mm	Metre	260.15
43.14.10	2710	MS perforated cable tray painted with powder coating 450 X 62.5 X 2mm	Metre	299.20
43.14.11	2711	MS perforated cable tray painted with powder coating 600 X 62.5 X 2 mm	Metre	377.85
43.14.12	2712	MS perforated cable tray painted with powder coating 750 X 62.5 X 2 mm	Metre	468.05
43.14.13	2713	MS perforated cable tray painted with powder coating 900 X 62.5 X 2 mm	Metre	547.25
43.14.14	2714	MS perforated cable tray painted with powder coating 600 X 75 X 2 mm	Metre	442
43.14.15	2715	MS perforated cable tray painted with powder coating 750 X 75 X 2 mm	Metre	490.10
43.14.16	2716	MS perforated cable tray painted with powder coating 900 X 75 X 2 mm	Metre	533
43.14.17	2717	MS perforated cable tray Connector 100 X 50 X 1.6 mm	each	30
43.14.18	2718	MS perforated cable tray Connector 150 X 50 X 1.6 mm	each	39
43.14.19	2719	MS perforated cable tray Connector 225 X 50 X 1.6 mm	each	40
43.14.20	2720	MS perforated cable tray Connector 300 X 50 X 1.6 mm	each	40
43.14.21	2721	MS perforated cable tray Connector 375 X 50 X 2 mm	each	44
43.14.22	2722	MS perforated cable tray Connector 450 X 50 X 2 mm	each	51
43.14.23	2723	MS perforated cable tray Connector 600 X 50 X 2 mm	each	56
43.14.24	2724	MS perforated cable tray Connector 300 X 62.5 X 2 mm	each	44
43.14.25	2725	MS perforated cable tray Connector 375 X 62.5 X 2 mm	each	50
43.14.26	2726	MS perforated cable tray Connector 450 X 62.5 X 2 mm	each	55
43.14.27	2727	MS perforated cable tray Connector 600 X 62.5 X 2 mm	each	61
43.14.28	2728	MS perforated cable tray Connector 750 X 62.5 X 2 mm	each	67
43.14.29	2729	MS perforated cable tray Connector 900 X 62.5 X 2 mm	each	71
43.14.30	2733	MS perforated cable tray Bend 100 X 50 X 1.6 mm	each	397
43.14.31	2734	MS perforated cable tray Bend 150 X 50 X 1.6	each	491

		mm		
43.14.32	2735	MS perforated cable tray Bend 225 X 50 X 1.6 mm	each	636
43.14.33	2736	MS perforated cable tray Bend 300 X 50 X 1.6 mm	each	781
43.14.34	2737	MS perforated cable tray Bend 375 X 50 X 2 mm	each	1128
43.14.35	2738	MS perforated cable tray Bend 450 X 50 X 2 mm	each	1304
43.14.36	2739	MS perforated cable tray Bend 600 X 50 X 2 mm	each	1657
43.14.37	2740	MS perforated cable tray Bend 300 X 62.5 X 2 mm	each	1008
43.14.38	2741	MS perforated cable tray Bend 375 X 62.5 X 2 mm	each	1184
43.14.39	2742	MS perforated cable tray Bend 450 X 62.5 X 2 mm	each	1361
43.14.40	2743	MS perforated cable tray Bend 600 X 62.5 X 2 mm	each	1720
43.14.41	2744	MS perforated cable tray Bend 750 X 62.5 X 2 mm	each	2129
43.14.42	2745	MS perforated cable tray Bend 900 X 62.5 X 2 mm	each	2489
43.14.43	2746	MS perforated cable tray Bend 600 X 75 X 2 mm	each	1770
43.14.44	2747	MS perforated cable tray Bend 750 X 75 X 2 mm	each	2192
43.14.45	2748	MS perforated cable tray Bend 900 X 75 X 2 mm	each	2552
43.14.46	2749	MS perforated cable tray Reducer 100 X 50 X 1.6 mm	each	451
43.14.47	2750	MS perforated cable tray Reducer 150 X 50 X 1.6 mm	each	549
43.14.48	2751	MS perforated cable tray Reducer 225 X 50 X 1.6 mm	each	727
43.14.49	2752	MS perforated cable tray Reducer 300 X 50 X 1.6 mm	each	902
43.14.50	2753	MS perforated cable tray Reducer 375 X 50 X 2 mm	each	1148
43.14.51	2754	MS perforated cable tray Reducer 450 X 50 X 2 mm	each	1342
43.14.52	2755	MS perforated cable tray Reducer 600 X 50 X 2 mm	each	1671
43.14.53	2756	MS perforated cable tray Reducer 300 X 62.5 X 2 mm	each	1028
43.14.54	2757	MS perforated cable tray Reducer 375 X 62.5 X 2 mm	each	1210

43.14.55	2758	MS perforated cable tray Reducer 450 X 62.5 X 2 mm	each	1393
43.14.56	2759	MS perforated cable tray Reducer 600 X 62.5 X 2 mm	each	1762
43.14.57	2760	MS perforated cable tray Reducer 750 X 62.5 X 2 mm	each	2093
43.14.58	2761	MS perforated cable tray Reducer 900 X 62.5 X 2 mm	each	2498
43.14.59	2762	MS perforated cable tray Reducer 600 X 75 X 2 mm	each	1822
43.14.60	2763	MS perforated cable tray Reducer 750 X 75 X 2 mm	each	2145
43.14.61	2764	MS perforated cable tray Reducer 900 X 75 X 2 mm	each	2558
43.14.62	2765	MS perforated cable tray Tee 100 X 50 X 1.6 mm	each	473
43.14.63	2766	MS perforated cable tray Tee 150 X 50 X 1.6 mm	each	586
43.14.64	2767	MS perforated cable tray Tee 225 X 50 X 1.6 mm	each	762
43.14.65	2768	MS perforated cable tray Tee 300 X 50 X 1.6 mm	each	939
43.14.66	2769	MS perforated cable tray Tee 375 X 50 X 2 mm	each	1348
43.14.67	2770	MS perforated cable tray Tee 450 X 50 X 2 mm	each	1562
43.14.68	2771	MS perforated cable tray Tee 600 X 50 X 2 mm	each	1985
43.14.69	2772	MS perforated cable tray Tee 300 X 62.5 X 2 mm	each	1210
43.14.70	2773	MS perforated cable tray Tee 375 X 62.5 X 2 mm	each	1418
43.14.71	2774	MS perforated cable tray Tee 450 X 62.5 X 2 mm	each	1632
43.14.72	2775	MS perforated cable tray Tee 600 X 62.5 X 2 mm	each	2061
43.14.73	2776	MS perforated cable tray Tee 750 X 62.5 X 2 mm	each	2552
43.14.74	2777	MS perforated cable tray Tee 900 X 62.5 X 2 mm	each	2986
43.14.75	2778	MS perforated cable tray Tee 600 X 75 X 2 mm	each	2129
43.14.76	2779	MS perforated cable tray Tee 750 X 75 X 2 mm	each	2596
43.14.77	2780	MS perforated cable tray Tee 900 X 75 X 2 mm	each	3057
43.14.78	2781	MS perforated cable tray Cross member 100 X 50 X 1.6 mm	each	473
43.14.79	2782	MS perforated cable tray Cross member 150 X 50 X 1.6 mm	each	586
43.14.80	2783	MS perforated cable tray Cross member 225 X 50 X 1.6 mm	each	762
43.14.81	2784	MS perforated cable tray Cross member 300 X	each	939

		50 X 1.6 mm		
43.14.82	2785	MS perforated cable tray Cross member 375 X 50 X 2 mm	each	1348
43.14.83	2786	MS perforated cable tray Cross member 450 X 50 X 2 mm	each	1562
43.14.84	2787	MS perforated cable tray Cross member 600 X 50 X 2 mm	each	1985
43.14.85	2788	MS perforated cable tray Cross member 300 X 62.5 X 2 mm	each	1210
43.14.86	2789	MS perforated cable tray Cross member 375 X 62.5 X 2 mm	each	1418
43.14.87	2790	MS perforated cable tray Cross member 450 X 62.5 X 2 mm	each	1632
43.14.88	2791	MS perforated cable tray Cross member 600 X 62.5 X 2 mm	each	2060
43.14.89	2792	MS perforated cable tray Cross member 750 X 62.5 X 2 mm	each	2552
43.14.90	2793	MS perforated cable tray Cross member 900 X 62.5 X 2 mm	each	2986
43.14.91	2794	MS perforated cable tray Cross member 600 X 75 X 2 mm	each	2129
43.14.92	2795	MS perforated cable tray Cross member 750 X 75 X 2 mm	each	2596
43.14.93	2796	MS perforated cable tray Cross member 900 X 75 X 2 mm	each	3057

CHAPTER 44
HIRE CHARGES OF PLANTS & MACHINERY
(As per DSR (Civil) 2021)

Note:-These rates are exclusive of GST contractor's profit and overheads etc.

DJB Item Code	Item Code DSR (Civil) 2021	Description	Unit	Rates Rs.
44.1.1	0005	Hire charges of Diesel Truck -9 tonne	day	3940
44.1.2	0011	Hire charges of Pump set of capacity 4000 litres/hour	day	700
44.1.3	0014	Fron tendloadercapacity 1cum	day	6000
44.1.4	0015	Hire and running charges of Tripodand Mechanical Winchmachine complete with power unitand accessories	day	3000
44.1.5	0017	Hire and running charges of tipper	day	3750
44.1.6	0018	Hire and running charge so floader	day	6000
44.1.7	0020	Hydraulic Excavator (3D) with driver and fuel	day	7000
44.1.8	0025	Hire and running charges of light crane	day	3500
44.1.9	0028	Hire and running charges of crane 20 tonne capacity	day	7000
44.1.10	0030	Generator 250 KVA	day	3000
44.1.11	0037	Mobile crane	day	4500
44.1.12	0038	Tractor with ripper attachment	day	1200
44.1.13	0039	Tractor with trolley	day	1200
44.1.14	0040	Aircompressor 250 cfm with two leads for pneumaticcutters / hammers	day	1600
44.1.15	0041	Joint cutting machine with 2-3 blades	day	800
44.1.16	0043	Roads weeper	day	550
44.1.17	0044	Cost for crane upto 40 tonne capacity	day	8000
44.1.18	0046	Water tanker 5000 litre	day	1200
44.1.19	0049	Dozer D-80-A12	hour	1500
44.1.20	0051	Hydraulic Excavator of 1cum bucket	hour	800
44.1.21	0052	Front end loader1cum bucket capacity (inc IPOL)	hour	1300
44.1.22	0053	Tipper-5 Cum	tonne/k m	3.30
44.1.23	0057	Water Tanker 5 to 6 KL capacity	hour	200
44.1.24	0060	Mechanical Broom Hydraulic	hour	450
44.1.25	0067	Cost for crane upto 80 tonne capacity	day	15000
44.1.26	0069	Generator 250 KVA	hour	400

44.1.27	0070	Generator 100 KVA/125 KVA	hour	300
44.1.28	0072	Cost for crane having capacity 50 MT	day	8500
44.1.29	0080	Hire and running charges of drill machine up to 400 mm dia (including cost of mobile oil, diesel consumption in ordinary soil and operator)	day	7500
44.1.30	0083	Hire charges of TATA 407 or equivalent for local shifting.	day	1400
		Note:-1. Above hire-charges (from item code 0005 to 0083) include cost of services of operating staff, Cost of lubricating oil, diesel / Petrol/ Kerosene oil , other consumables for running the plant and machinery and excluding GST. 2. The hire charges of plant machinery on per day basis are for single shift to eight working hours.		

CHAPTER 45

Basic Rates of Material for Civil Items (As per DSR (Civil) 2021)

Note:-These rates are exclusive of GST, contractor's profit,overheads and carriage etc.				
DJB Item Code	Item Code DSR (Civil) 2021	Description	Unit	Rates Rs.
45.1.1	0364	Wire brush	Each	20
45.1.2	0365	Soft brush	each	20
45.1.3	0367	Portland Cement (OPC-43Grade)	tonne	5000
45.1.4	0370	Coal (steam)	quintal	440
45.1.5	0771	Kerosene oil	litre	50
45.1.6	0826	Aluminium paint	litre	150
45.1.7	0827	Acid proof paint (chocolate or black)	litre	225
45.1.8	0828	Anti corrosive bituminous paint (black)	litre	100
45.1.9	0829	Black Japan paint	litre	90
45.1.10	0830	Enamelpaint		Deleted
45.1.11	0831	Floore namel paint in all shades except green		Deleted
45.1.12	0833	Synthetic enamel paint in black or chocolate shade	litre	175
45.1.13	0834	Syntheti cenamel paint in all shades except black or chocolate shade	litre	165
45.1.14	0845	Roofing paint for iron sheets in red colour	litre	120
45.1.15	0850	White lead	kg	170
45.1.16	0856	Ordinary varnish	litre	100
45.1.17	0857	Superior copal varnish	litre	115
45.1.18	0858	Superior spar varnish	litre	115
45.1.19	0865	Piglead	kg	130
45.1.20	0870	Plug	each	10
45.1.21	0967	Copperplate	kg	527
45.1.22	0969	Pulley 25 mm dia	each	48
45.1.23	0973	Rolling shutter made of 80 x1.25 mm machine rolled laths	sqm	1400
45.1.24	0974	Top cover for rolling shutters 1.25 mm thick	metre	800
45.1.25	0975	27.5 cm long wire spring grade No.2 for rolling shutters	each	300
45.1.26	0976	Ball bearing for rolling shutte	each	260
45.1.27	0977	Extra for mechanical devices chain and cranked operation for operating rolling shutters:exceeding 10 sqm and upto 16.80 sqm are a of door 0	sqm	800
45.1.28	0978	Extra for mechanical devices chain and cranked operation for operating rolling shutters:exceeding 16.80 sqm are a of door	sqm	800
45.1.29	0982	Coarse sand (zone III)	cum	1500

45.1.30	0983	Fines and (zone IV)	cum	900
45.1.31	0992	Galvani seds teel plain sheets	quintal	5000
45.1.32	1000	Spirit	litre	48
45.1.33	1001	Spunyarn	kg	50
45.1.34	1002	Mild steel round bar 12 mm dia and below	quintal	4850
45.1.35	1003	Mild steel round bar above 12 mm dia	quintal	4750
45.1.36	1004	Averagerate of Mild steel round bars fore in forcement	quintal	4850
45.1.37	1005	Twisted steel / de formed TMT bars Fe – 500 D	quintal	4900
45.1.38	1006	Mild steel square bars	quintal	4850
45.1.39	1007	Structural steel such as tees, angles channel sand R.S. joists	quintal	4950
45.1.40	1008	Flats upto10 mm inthickness	quintal	4850
45.1.41	1009	Flats exceeding10 mm in thickness	quintal	4950
45.1.42	1010	Mild stee lplates	quintal	5400
45.1.43	1019	Mild steel hooks	each	32
45.1.44	1020	Mild steel rivets	quintal	5100
45.1.45	1022	Galvani sed steel bolts & nuts 6 mm dia and 25 mm longround head with slots	10Nos	38
45.1.46	1023	Galvani sed steel Jor Lhooks 8 mm dia	10Nos	120
45.1.47	1024	Galvanised steel bolts & nuts 10 mm dia and 125 mm long round head with slots	each	9
45.1.48	1025	Mild steel bolts 6 mm dia and 25 mm long with hexa gonal head	10Nos	10
45.1.49	1027	Erection Bolts (Minimum 04 nos for each element)	each	25
45.1.50	1028	Straining bolts	each	80
45.1.51	1029	Galvani seds teel barbed wire of 9.8kg / 100 metre	quintal	5500
45.1.52	1032	Galvani seds teel bolts 10 mm dia and 7 cm long with nuts	each	6
45.1.53	1034	Bolts and nuts upto 300 mm inlength	quintal	5200
45.1.54	1035	Bolts and nuts above 300 mm inlength	quintal	5300
45.1.55	1207	G.I.Limpet washer	100Nos	21
45.1.56	1208	Bitumen washer	100Nos	30
45.1.57	1209	G.I.plain washer thick	100Nos	35
45.1.58	1210	G.I.plain washer thin	100Nos	21
45.1.59	1211	G.I.plain washer for seam bolts	100Nos	32
45.1.60	1213	Water proofing materials	kilogram	35
45.1.61	1214	Welding by gasplant	cm	2
45.1.62	1215	Welding by electric plant	cm	2
45.1.63	1217	GIW iremesh 100 x100 mm	kg	75
45.1.64	1218	Shearstud	each	50
45.1.65	1219	Wirenails	kilogram	58
45.1.66	1220	Wiremesh (rabbit)	sqm	42
45.1.67	1221	20 mm dia holding down bolts	quintal	6100
45.1.68	1224	Hard drawn steel wire	quintal	4800
45.1.69	1245	Acid for cleaning tiles	liter	18
45.1.70	1334	Clamp sand M.S. stays including bolts and nuts for 50 mm pipe	each	35
45.1.71	1335	Clamp sand M.S.stays including bolts and nuts for 75 mm pipe	each	37

45.1.72	1339	Brassbib-cock 15 mm dia	each	210
45.1.73	1340	Brassbib-cock 20 mm dia	each	225
45.1.74	1342	Brassstop-cock 15 mm dia	each	210
45.1.75	1343	Brassstop-cock 20 mm dia	each	225
45.1.76	1373	Rubber in sertions for 75 mm dia pipe joints	each	16
45.1.77	1374	Rubber in sertions for 100 mm dia pipe joints	each	18
45.1.78	1375	Rubber in sertions for 125 mm dia pipe joints	each	20
45.1.79	1376	Rubber in sertions for 150 mm dia pipe joints	each	20
45.1.80	1377	Rubber in sertions for 200 mm dia pipe joints	each	25
45.1.81	1378	Rubber in sertions for 250 mm dia pipe joints	each	40
45.1.82	1379	Rubber in sertions for 300 mm dia pipe joints	each	45
45.1.83	1380	Rubber in sertions for 350 mm dia pipe joints	each	50
45.1.84	1381	Rubber in sertions for 400 mm dia pipe joints	each	73
45.1.85	1382	Rubber in sertions for 450 mm dia pipe joints	each	92
45.1.86	1383	Rubber in sertions for 500 mm dia pipe joints	each	110
45.1.87	1384	Rubber in sertions for 600 mm dia pipe joints	each	125
45.1.88	1545	G.I. pipes 15 mm dia	metre	95
45.1.89	1546	G.I. pipes 20 mm dia	metre	130
45.1.90	1547	G.I. pipes 25 mm dia	metre	196
45.1.91	1548	G.I. pipes 32 mm dia	metre	225
45.1.92	1549	G.I. pipes 40 mm dia	metre	290
45.1.93	1550	G.I. pipes 50 mm dia	metre	360
45.1.94	1551	G.I. pipes 65 mm dia	metre	415
45.1.95	1552	G.I. pipes 80 mm dia	metre	525
45.1.96	1608	G.I. tees (equal) 25 mm	each	65
45.1.97	1612	G.I.tees (equal) 65 mm	each	452
45.1.98	1641	G.I. Union 15 mm nominal bore	each	35
45.1.99	1642	G.I. Union 20 mm nominal bore	each	55
45.1.100	1643	G.I. Union 25 mm nominal bore	each	115
45.1.101	1644	G.I. Union 32 mm nominal bore	each	145
45.1.102	1645	G.I. Union 40 mm nominal bore	each	230
45.1.103	1646	G.I. Union 50 mm nominal bore	each	310
45.1.104	1647	G.I. Union 65 mm nominal bore	each	525
45.1.105	1648	G.I. Union 80 mm nominal bore	each	575
45.1.106	1926	20 mm dia Gunmetal gatevalve with wheel	each	325
45.1.107	1927	Brass full way valve with C.I. wheel (screwed end) 25 mm dia	each	375
45.1.108	1928	Brass full way valve with C.I. wheel (screwed end) 32 mm dia	each	415
45.1.109	1929	Brass full way valve with C.I. wheel (screwed end) 40 mm dia	each	500
45.1.110	1930	Brass full way valve with C.I. wheel (screwed end) 50 mm dia	each	625
45.1.111	1931	Brass full way valve with C.I. wheel (screwed end) 65 mm dia	each	1080
45.1.112	1932	Brass full way valve with C.I. wheel (screwed end) 80 mm dia	each	1625
45.1.113	1933	Gunmetal non-return valve-horizontal (screwed	each	350

		end) 25 mm dia		
45.1.114	1934	Gunmetal non-return valve-horizontal (screwed end) 32 mm dia	each	475
45.1.115	1935	Gunmetal non-return valve-horizontal (screwed end) 40 mm dia	each	575
45.1.116	1936	Gunmetal non-return valve-horizontal (screwed end) 50 mm dia	each	840
45.1.117	1937	Gunmetal non-return valve-horizontal (screwed end) 65 mm dia	each	1525
45.1.118	1938	Gunmetal non-return valve-horizontal (screwed end) 80 mm dia	each	2300
45.1.119	1940	C.I. sluice valve (with caps) class I:100 mm dia	each	2450
45.1.120	1941	C.I. sluice valve (with caps) class I:125 mm dia	each	2610
45.1.121	1942	C.I. sluice valve (with caps) class I:150 mm dia	each	3650
45.1.122	1943	C.I. sluice valve (with caps) class I:200 mm dia	each	7600
45.1.123	1944	C.I. sluice valve (with caps) class I:250 mm dia	each	10980
45.1.124	1945	C.I. sluice valve (with caps) class I:300 mm dia	each	15500
45.1.125	1956	Bolts and nuts 16 mm dia 60 mm long	each	11.50
45.1.126	1957	Bolts and nuts 16 mm dia 65 mm long	each	13
45.1.127	1958	Bolts and nuts 20 mm dia 65 mm long	each	15
45.1.128	1959	Bolts and nuts 20 mm dia 70 mm long	each	17
45.1.129	1960	Bolts and nuts 20 mm dia 75 mm long	each	17
45.1.130	1961	Bolts and nuts 20 mm dia 80 mm long	each	17
45.1.131	1962	Bolts and nuts 24 mm dia 85 mm long	each	27
45.1.132	1963	Bolts and nuts 24 mm dia 90 mm long	each	31
45.1.133	1964	Bolts and nuts 27 mm dia 100 mm long	each	37
45.1.134	2205	Carriage of Steel	tonne	145.72
45.1.135	2634	GI/Aluminium Sheet (0.8 mm thick)	kg	55
45.1.136	3080	Gunmetal non-return valve-vertical (screwed end) 25 mm dia	each	400
45.1.137	3084	Gunmetal non-return valve-vertical (screwed end) 32 mm dia	each	550
45.1.138	3088	Gunmetal non-return valve-vertical (screwed end) 40 mm dia	each	750
45.1.139	3092	Gunmetal non-return valve-vertical (screwed end) 50 mm dia	each	950
45.1.140	3096	Gunmetal non-return valve-vertical (screwed end) 65 mm dia	each	1550
45.1.141	3300	Gunmetal non-return valve-vertical (screwed end) 80 mm dia	each	2600
45.1.142	3311	C.I. sluice valve (with caps) class II:100 mm dia	each	2700
45.1.143	3314	C.I. sluice valve (with caps) class II:125 mm dia	each	3300
45.1.144	3317	C.I. sluice valve (with caps) class II:150 mm dia	each	4100
45.1.145	3320	C.I. sluice valve (with caps) class II:200 mm dia	each	8900
45.1.146	3321	C.I. sluice valve (with caps) class II:250 mm dia	each	15000
45.1.147	3326	C.I. sluice valve (with caps) class II:300 mm dia	each	18500
45.1.148	7330	M.S. tube 40 mm dia	metre	215
45.1.149	7418	Water meter (including testing charges) 80 mm	each	2030

45.1.150	7419	Water meter (including testing charges) 100 mm	each	3143
45.1.151	7420	Water meter (including testing charges) 150 mm	each	4765
45.1.152	7421	Water meter (including testing charges) 200 mm	each	5145
45.1.153	7651	Ductile Iron class K - 9 pipe Conforming to I.S. 8329 100 mm dia	metre	765
45.1.154	7652	Ductile Iron class K - 9 pipe Conforming to I.S. 8329 - 150 mm dia	metre	1150
45.1.155	7653	Ductile Iron class K - 9 pipe Conforming to I.S. 8329 - 200 mm dia	metre	1575
45.1.156	7654	Ductile Iron class K - 9 pipe Conforming to I.S. 8329 - 250 mm dia	metre	2200
45.1.157	7655	Ductile Iron class K - 9 pipe Conforming to I.S. 8329 - 300 mm dia	metre	2750
45.1.158	7656	Ductile Iron class K - 9 pipe Conforming to I.S. 8329 - 350 mm dia	metre	3350
45.1.159	7657	Ductile Iron class K - 9 pipe Conforming to I.S. 8329 - 400 mm dia	metre	4300
45.1.160	7658	Ductile Iron class K - 9 pipe Conforming to I.S. 8329 - 450 mm dia	metre	5000
45.1.161	7659	Ductile Iron class K - 9 pipe Conforming to I.S. 8329 - 500 mm dia	metre	6270
45.1.162	7660	Ductile Iron class K - 9 pipe Conforming to I.S. 8329 - 600 mm dia	metre	7560
45.1.163	7661	Ductile Iron class K - 9 pipe Conforming to I.S. 8329 - 700 mm dia	metre	10500
45.1.164	7662	Ductile Iron class K - 9 pipe Conforming to I.S. 8329 - 750 mm dia	metre	11350
45.1.165	7663	Ductile Iron class K - 9 pipe Conforming to I.S. 8329 - 800 mm dia	metre	11450
45.1.166	7664	Ductile Iron class K - 9 pipe Conforming to I.S. 8329 - 900 mm dia	metre	13900
45.1.167	7665	Ductile Iron class K - 9 pipe Conforming to I.S. 8329 - 1000 mm dia	metre	15550
45.1.168	7666	Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 100 mm dia	each	29
45.1.169	7668	Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 150 mm dia	each	33
45.1.170	7669	Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 200 mm dia	each	60
45.1.171	7670	Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 250 mm dia	each	70
45.1.172	7671	Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 300 mm dia	each	100
45.1.173	7672	Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 350 mm dia	each	116
45.1.174	7673	Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 400 mm dia	each	210
45.1.175	7674	Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 450 mm dia	each	250
45.1.176	7675	Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 500 mm dia	each	270

45.1.177	7676	Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 600 mm dia	each	356
45.1.178	7677	Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 700 mm dia	each	510
45.1.179	7678	Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 750 mm dia	each	600
45.1.180	7679	Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 800 mm dia	each	705
45.1.181	7680	Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 900 mm dia	each	910
45.1.182	7681	Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 1000 mm dia	each	1080
45.1.183	7682	Ductile Iron K - 12 specials suitable for push on jointing up to 600 mm dia	quintal	12400
45.1.184	7683	Ductile Iron K - 12 specials suitable for push on jointing over 600 mm dia	quintal	17200
45.1.185	7684	Ductile Iron specials suitable for mechanical jointing as per I.S. 9523 - up to 600 mm dia	quintal	13050
45.1.186	7685	Ductile Iron Specials suitable for mechanical jointing as per I.S. 9523 over 600 mm dia	quintal	18750
45.1.187	7686	Ductile Iron Pipe Class K-9 flanges and welding 100 mm dia	metre	1100
45.1.188	7687	Ductile Iron Pipe Class K-9 flanges and welding 150 mm dia	metre	1650
45.1.189	7688	Ductile Iron Pipe Class K-9 flanges and welding 200 mm dia	metre	2075
45.1.190	7689	Ductile Iron Pipe Class K-9 flanges and welding 250 mm dia	metre	2950
45.1.191	7690	Ductile Iron Pipe Class K-9 flanges and welding 300 mm dia	metre	3790
45.1.192	7691	Ductile Iron Pipe Class K-9 flanges and welding 350 mm dia	metre	4780
45.1.193	7692	Ductile Iron Pipe Class K-9 flanges and welding 400 mm dia	metre	6150
45.1.194	7693	Ductile Iron Pipe Class K-9 flanges and welding 450 mm dia	metre	6453
45.1.195	7694	Ductile Iron Pipe Class K-9 flanges and welding 500 mm dia	metre	9180
45.1.196	7695	Ductile Iron Pipe Class K-9 flanges and welding 600 mm dia	metre	12150
45.1.197	7696	Ductile Iron Pipe Class K-9 flanges and welding 700 mm dia	metre	14370
45.1.198	7697	S&S Centrifugally (Spun) C.I. Pipe class LA 100 mm dia	metre	857
45.1.199	7698	S&S Centrifugally (Spun) C.I. Pipe class LA 125 mm dia	metre	1067
45.1.200	7699	S&S Centrifugally (Spun) C.I. Pipe class LA 150 mm dia	metre	1286
45.1.201	7700	S&S Centrifugally (Spun) C.I. Pipe class LA 200 mm dia	metre	2190
45.1.202	7701	S&S Centrifugally (Spun) C.I. Pipe class LA 250 mm dia	metre	2857

45.1.203	7702	S&S Centrifugally (Spun) C.I. Pipe class LA 300 mm dia	metre	3857
45.1.204	7703	S&S Centrifugally (Spun) C.I. Pipe class LA 350 mm dia	metre	4619
45.1.205	7704	S&S Centrifugally (Spun) C.I. Pipe class LA 400 mm dia	metre	6095
45.1.206	7705	S&S Centrifugally (Spun) C.I. Pipe class LA 450 mm dia	metre	7381
45.1.207	7706	S&S Centrifugally (Spun) C.I. Pipe class LA 500 mm dia	metre	8571
45.1.208	7707	S&S Centrifugally (Spun) C.I. Pipe class LA 600 mm dia	metre	11995
45.1.209	7708	S&S Centrifugally (Spun) C.I. Pipe Specials as per IS 1538 suitable for lead jointing up to 300 mm dia	quintal	5190
45.1.210	7709	S&S Centrifugally (Spun) C.I. Pipe Specials as per IS 1538 suitable for lead jointing over 300 mm dia	quintal	6200
45.1.211	7710	S&S Centrifugally (Spun) C.I. Pipe specials suitable for mechanical joint as per I.S. 13382 up to 300 mm dia	quintal	8571
45.1.212	7711	S&S Centrifugally (Spun) C.I. Pipe Specials suitable for mechanical joint as per I.S. 13382 over 300 mm dia	quintal	9048
45.1.213	7712	Screwed double flanged centrifugally cast (spun) C.I. Pipe of Class B conforming to I.S. 1536, - 100 mm dia	metre	1310
45.1.214	7713	Screwed double flanged centrifugally cast (spun) C.I. Pipe of Class B conforming to I.S. 1536, - 150 mm dia	metre	2048
45.1.215	7714	Screwed double flanged centrifugally cast (spun) C.I. Pipe of Class B conforming to I.S. 1536, - 200 mm dia	metre	3238
45.1.216	7715	Screwed double flanged centrifugally cast (spun) C.I. Pipe of Class B conforming to I.S. 1536, - 250 mm dia	metre	3905
45.1.217	7716	Screwed double flanged centrifugally cast (spun) C.I. Pipe of Class B conforming to I.S. 1536, - 300 mm dia	metre	4990
45.1.218	7717	Screwed double flanged centrifugally cast (spun) C.I. Pipe of Class B conforming to I.S. 1536, - 350 mm dia	metre	6286
45.1.219	7718	Screwed double flanged centrifugally cast (spun) C.I. Pipe of Class B conforming to I.S. 1536, - 400 mm dia	metre	8143
45.1.220	7719	Screwed double flanged centrifugally cast (spun) C.I. Pipe of Class B conforming to I.S. 1536, - 450 mm dia	metre	10381
45.1.221	7720	Screwed double flanged centrifugally cast (spun) C.I. Pipe of Class B conforming to I.S. 1536, - 500 mm dia	metre	12914
45.1.222	7721	Screwed double flanged centrifugally cast (spun) C.I. Pipe of Class B conforming to I.S. 1536, - 600 mm dia	metre	17905

45.1.223	7722	Ductile Iron Class K- 7 pipe conforming to I.S. 8329 - 100 mm dia	metre	800
45.1.224	7723	Ductile Iron Class K- 7 pipe conforming to I.S. 8329 - 150 mm dia	metre	1140
45.1.225	7724	Ductile Iron Class K- 7 pipe conforming to I.S. 8329 - 200 mm dia	metre	1400
45.1.226	7725	Ductile Iron Class K- 7 pipe conforming to I.S. 8329 - 250 mm dia	metre	1800
45.1.227	7726	Ductile Iron Class K- 7 pipe conforming to i.S. 8329 - 300 mm dia	metre	2250
45.1.228	7727	Ductile Iron Class K- 7 pipe conforming to i.S. 8329 - 350 mm dia	metre	2650
45.1.229	7728	Ductile Iron Class K- 7 pipe conforming to I.S. 8329 - 400 mm dia	metre	3175
45.1.230	7729	Ductile Iron Class K- 7 pipe conforming to I.S. 8329 - 450 mm dia	metre	3852
45.1.231	7730	Ductile Iron Class K- 7 pipe conforming to I.S. 8329 - 500 mm dia	metre	4350
45.1.232	7731	Ductile Iron Class K- 7 pipe conforming to I.S. 8329 - 600 mm dia	metre	5600
45.1.233	7732	Ductile Iron Class K- 7 pipe conforming to I.S. 8329 - 700 mm dia	metre	7300
45.1.234	7733	Ductile Iron Class K- 7 pipe conforming to I.S. 8329 - 800 mm dia	metre	9100
45.1.235	7734	Ductile Iron Class K- 7 pipe conforming to I.S. 8329 - 900 mm dia	metre	11800
45.1.236	7735	Ductile Iron Class K- 7 pipe conforming to I.S. 8329 - 1000 mm dia	metre	12300
45.1.237	7743	M.S. pipe 150 mm dia casing pipe	metre	1126
45.1.238	7744	M.S. pipe 200 mm dia casing pipe	metre	1400
45.1.239	7747	M.S. cap 150 mm dia	each	150
45.1.240	7748	M.S. cap 200 mm dia	each	200
45.1.241	7749	M.S bail plug 150 mm dia	each	200
45.1.242	7750	M.S bail plug 200 mm dia	each	220
45.1.243	7757	M.S. pipe 100 mm dia casing pipe	metre	780
45.1.244	7760	M.S. cap 100 mm dia	each	135
45.1.245	7761	M.S. bail plug 100 mm dia	each	160
45.1.246	7764	M.S. socket 100 mm dia	each	125
45.1.247	7765	M.S. socket 150 mm dia	each	205
45.1.248	7766	M.S. socket 200 mm dia	each	265
45.1.249	8019	GI sheet 0.8 mm thick confirming to IS 277:1992	kg	90
45.1.250	8509	Special Primer (C.W.)	litre	160
45.1.251	8510	Metal Primer (U.G.)	litre	105

CHAPTER 46

CONCRETEWORK

(As per DSR (Civil) 2021)

Note:- These rates are inclusive of GST, contractor's profit, overheads and carriage etc.

DJB Item Code	Item Code DSR (Civil) 2021	Description	Unit	Rates Rs.
46.1.1	4.1	CEMENT CONCRETE (CAST IN SITU) Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:		
46.1.2	4.1.2	1:1½:3 (1 Cement:1½ coarse sand (zone-III):3 graded stone aggregate 20mm nominal size)	cum	7783.65
46.1.3	4.1.3	cement:2coarse and (zone-III):4 graded stone aggregate 20mm nominal size)	cum	7365.15
46.1.4	4.1.4	1:2:4 (1 Cement:2coarse and (zone-III):4 graded stone aggregate 40mm nominal size)	cum	7226.95
46.1.5	4.1.5	1:3:6 (1 Cement:3coarse sand (zone-III):6 graded stone aggregate 20mm nominal size)	cum	6833.40
46.1.6	4.1.6	1:3:6 (1 Cement:3coarse and (zone-III):6 graded stone aggregate 40mm nominal size)	cum	6670.25
46.1.7	4.3	Centering and shuttering including strutting, propping etc. and removal of form work for :		
46.1.8	4.3.1	Foundations, footings, bases for columns	sqm	307.95

CHAPTER 47

STEEL WORK

(As per DSR (Civil) 2021)

Note:- These rates are inclusive of GST, contractor's profit, overheads and carriage etc.				
DJB Item Code	Item Code DSR (Civil) 2021	Description	Unit	Rates Rs.
47.1.1	10.1	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	kg	93.05
47.1.2	10.2	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	kg	111.95
47.1.3	10.3	Providing and fixing in position collapsible steel shutters with vertical channels 20x10x2 mm and braced with flat iron diagonals 20x5 mm size, with top and bottom rail of T-iron 40x40x6 mm, with 40 mm dia steel pulleys, complete with bolts, nuts, locking arrangement, stoppers, handles, including applying a priming coat of approved steel primer.	sqm	9397.35
47.1.4	10.16	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete.		Deleted
47.1.5	10.16.1	Hot finished welded type tubes	kg	154.90
47.1.6	10.16.2	Hot finished seamless type tubes	kg	168.95
47.1.7	10.16.3	Electric resistance or induction butt welded tubes	kg	140.85
47.1.8	10.17	Providing and fixing M.S. fan clamp type I or II of 16 mm dia M.S. bar, bent to shape with hooked ends in R.C.C. slabs or beams during laying, including painting the exposed portion of loop, all as per standard design complete.	each	185.95
47.1.9	10.18	Providing and fixing circular/ Hexagonal cast iron or M.S. sheet box for ceiling fan clamp, of internal dia 140 mm, 73 mm height, top lid of 1.5 mm thick M.S. sheet with its top surface hacked for proper bonding, top lid shall be screwed into the cast iron/ M.S. sheet box by means of 3.3 mm diameter headed screws, one lock at the corners. Clamp shall be made of 12 mm dia M.S. bar bent to shape as per	each	185.20

		standard drawing.		
47.1.10	10.19	Providing and fixing mild steel round holding down bolts with nuts and washer plates complete.	kg	88.50
47.1.11	10.20	Providing and fixing bolts including nuts and washers complete.	kg	140.15
47.1.12	10.21	Providing and fixing M.S. rivets of sizes in position.	kg	237.85
47.1.13	10.22	Welding by gas or electric plant including transportation of plant at site etc. complete.	cm	3.40
47.1.14	10.25	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required.		
47.1.15	10.25. 1	In stringers, treads, landings etc. of stair cases, including use of chequered plate wherever required, all complete	kg	102.25
47.1.16	10.25.2	In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	kg	142.30
47.1.17	10.26	Providing and fixing hand rail of approved size by welding etc. to steel ladder railing, balcony railing, staircase railing and similar works, including applying priming coat of approved steel primer.		
47.1.18	10.26.1	M.S. tube	kg	157.15
47.1.19	10.26.2	E.R.W. tubes	kg	150.40
47.1.20	10.26.3	G.I. Pipes	Kg	180.20

CHAPTER 48

PAINTING WORK

(As per DSR (Civil) 2021)

Note:-These rates are inclusive of GST, contractor's profit, overheads and carriage etc.

DJB Item Code	Item Code DSR (Civil) 2021	Description	Unit	Rates Rs.
48.1.1	13.61	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade		
48.1.2	13.61.1	Two or more coats on new work	sqm	131.45
48.1.3	13.62	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade		
48.1.4	13.62.1	Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture	sqm	191.40
48.1.5	13.63	Painting with aluminium paint of approved brand and manufacture to give an even shade .		
48.1.6	13.63.1	Two or more coats on new work	sqm	121.45
48.1.7	13.64	Painting with acid proof paint of approved brand and manufacture of required colour to give an even shade		
48.1.8	13.64.1	Two or more coats on new work	sqm	139.25
48.1.9	13.65	Painting with black anti-corrosive bitumastic paint of approved brand and manufacture to give an even shade		
48.1.10	13.65.1	Two or more coats on new work	sqm	115.10
48.1.11	13.66	Floor painting with floor enamel paint of approved brand and manufacture of required colour to give an even shade		
48.1.12	13.66.1	Deleted		
48.1.13	13.67	Varnishing with varnish of approved brand and manufacture :		
48.1.14	13.67.1	Two or more coats of glue sizing with copal varnish over an under coat of flattening varnish	sqm	197.40
48.1.15	13.67.2	Two or more coats glue sizing with spar varnish or an under coat of flattening varnish	sqm	198.20
48.1.16	13.71	Lettering with black Japan paint of approved brand and manufacture	per letter per cm height	5.05
48.1.17	18.38	Painting G.I. pipes and fittings with synthetic enamel white paint with two coats over a ready mixed priming coat, both of approved quality for new work		
48.1.18	18.38.1	15 mm diameter pipe	metre	16.40
48.1.19	18.38.2	20 mm diameter pipe	metre	19.65

48.1.20	18.38.3	25 mm diameter pipe	metre	25.60
48.1.21	18.38.4	32 mm diameter pipe	metre	30.70
48.1.22	18.38.5	40 mm diameter pipe	metre	36.05
48.1.23	18.38.6	50 mm diameter pipe	metre	43.05
48.1.24	18.39	Repainting G.I. pipes and fittings with synthetic enamel white paint with one coat of approved quality		
48.1.25	18.39.1	15 mm diameter pipe	metre	8.10
48.1.26	18.39.2	20 mm diameter pipe	metre	9.60
48.1.27	18.39.3	25 mm diameter pipe	metre	12.25
48.1.28	18.39.4	32 mm diameter pipe	metre	14.65
48.1.29	18.39.5	40 mm diameter pipe	metre	17.00
48.1.30	18.39.6	50 mm diameter pipe	metre	20.25
48.1.31	18.40	Painting G.I. pipes and fittings with two coats of anti-corrosive bitumastic paint of approved quality		
48.1.32	18.40.1	15 mm diameter pipe	metre	10.05
48.1.33	18.40.2	20 mm diameter pipe	metre	12.00
48.1.34	18.40.3	25 mm diameter pipe	metre	15.25
48.1.35	18.40.4	32 mm diameter pipe	metre	18.40
48.1.36	18.40.5	40 mm diameter pipe	metre	20.95
48.1.37	18.40.6	50 mm diameter pipe	metre	25.25
48.1.38	18.40.7	65 mm diameter pipe	metre	31.30
48.1.39	18.40.8	80 mm diameter pipe	metre	36.40

CHAPTER 49

Misc Civil work based on DSR (E&M) 2018

Note:-These rates are inclusive of GST, contractor's profit, overheads and carriage etc.

DJB Item Code	Item Code DSR (E&M) 2018	Description	Unit	Rates Rs.
49.1.1	14.1	Excavation for foundation in soft soil including dressing of sides and ramming of bottoms, lift upto 1.5 m including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 metres.	cum	330
49.1.2	14.2	Excavation for cable trenches of depth upto 1.2 m in soft soil including getting out the excavated soil and disposal of surplus excavated soil as directed within a lead of 50 metres.	cum	333
49.1.3	14.3	Filling available excavated earth (excluding rock) in trenches, sides of foundation etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 metres.	cum	212
49.1.4	14.4	Excavation for cable trenches in soft soil, depth upto 1.2 m including dressing of sides lift upto 1.5 m, including getting out the excavated soil, refilling with sand and or good soil after laying of cable/ pipe etc in layers of 20 cm, ramming, watering and disposal of surplus excavated soil as directed, within a lead of 50 metres.	cum	546
49.1.5	14.5	Deduct for not consolidation by ramming and watering while re-filling with sand and or good soil in cable/ pipe laying.	cum	121
49.1.6	14.6	Excavation of the cable trenches in hard rock not exceeding 1.5 metres in width, and lift upto 1.5 metres, including getting out the excavated soil and disposal of excavated soil as directed within a lead of 50 metres.	cum	1013
49.1.7	14.7	Providing and laying in position cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) in foundation of pump, DG set etc including form work etc as required.	cum	7549

49.1.8	14.8	Providing and laying in position cement concrete 1:3:6 (1 cement : 2 coarse sand : 6 graded stone aggregate 20 mm nominal size) in foundation of pump, DG set etc including form work etc as required.	cum	6839
49.1.9	14.9	Providing and laying in position cement concrete 1:3:6 (1 cement : 2 coarse sand : 6 graded stone aggregate 40 mm nominal size) in foundation of pump, DG set etc including form work etc as required.	cum	6614
49.1.10	14.10	Providing and laying in position reinforced cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) in foundation of pump, DG set etc including form work etc as required (excluding reinforcement).	cum	8029
49.1.11	14.11	Providing brick work (in width 225mm or more) with F.P.S. bricks of class designation 7.5 in cement mortar 1:4 (1 cement :4 coarse sand) at all levels.	cum	6362
49.1.12	14.12	Providing 15mm thick cement plaster of mix 1:4 (1cement:4 fine sand) at all levels.	sq m	306

CHAPTER 50

Dewatering (Earth Work)

Rates based on DSR (Civil) 2021

Note:-These rates are inclusive of GST, contractor's profit, over heads and carriage etc.

DJB Item Code	Item Code DSR (Civil) 2021	<u>Description</u>	Unit	Rates Rs.
50.1.1	14.23	Pumping out of water by springs tidal, or river seepage broken water main or drain and the like 14.23.	K1	190.40

CHAPTER 51

51 (a) Planning Approved / Circulated rates

DJB Item Code	SOR Reference	Description	Unit	Rate (INR)	
				DSR-2018	DSR-2021
51.1.1	Approved Rates	Constructing brick masonry manhole in cement mortar 1 :4 (1 cement : 4 coarse sand), foundation concrete 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), inside plastering 12 mm thick with cement mortar 1 :3 (1 cement 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1 :2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) finished with a floating coat of neat cement complete as per standard design including Providing and fixing in position pre-cast R.C.C. manhole cover and frame of Square shape 450 mm internal dimension (MD-10) and approved quality including Earthwork in excavation and dismantling of c.c.	Each	4805.30	5044.00
51.1.2	Approved Rates	Extra for constructing per 30 cm depth of 45 x 45 cm inner size of chamber beyond 45 cm depth with sewer bricks (conforming to IS:4885) in cement mortar 1:4 (1 cement: 4 coarse sand), 12 mm thick cement plaster with cement mortar 1:4 (1 cement: 4 coarse sand) finished with a floating coat of neat cement including necessary excavation, refilling and carriage of surplus earth/ malba lead 5 km. (Actual extra depth will be paid)	Per 30 cm depth	1540.50	1609.95
51.1.3	Approved Rates	Lowering, Laying and jointing of PVC-U pipes by suitable adhesives, etc in trenches including testing of joints, etc complete as per drawing. Specification and detailed engineering as per direction of Engineer-in-charge.			

		1. 110 mm outer Diameter 2. 160 mm outer Diameter	Meter Meter	43.70 63.50	48.20 70.10
51.1.4	Approved Rates	Providing and supplying of UPVC pipes (SN 8) of the following diameters as per IS 15328 (amended up to date) including GST, transportation, freight charges, inspection charges, loading, unloading, conveyance to the departmental stores / location of site of work complete as specified and directed by Engineer-In-Charge. 1. 110 mm outer Diameter 2. 160 mm outer Diameter	Meter Meter	342.50 (Market rates) 695.70 (Market rates)	
51.2.1	Approved Rates	Providing and Supplying of class SN 8 structured wall Polyethylene Piping system (Pipe with online/offline coupler and elastomeric sealing ring) with non smooth external annular corrugated and smooth internal surface (double wall) for non - pressure underground sewerage and drainage application as confirm to IS 16098 (part II) 2013 is including GST, transportation, freight charges, inspection charges, loading, unloading, conveyance to the departmental stores/ location of site of work complete as specified and directed by Engineer In-Charge.			
51.2.2	Approved Rates	150 mm Internal Diameter	Metre		302.70
51.2.3	Approved Rates	300 mm Internal Diameter	Metre		916.50
51.2.4	Approved Rates	400 mm Internal Diameter	Metre		1712.55
51.2.5	Approved Rates	500 mm Internal Diameter	Metre		2501.95
51.3.1	Approved Rates	Lowering, Laying and Jointing of class SN 8 structured wall (External Annular Corrugated and Smooth Internal Surface Polyethylene Piping and fitting with the help of coupler(online/ offline) attached with one end of pipes, sliding over the elastomeric sealing rubber ring placed on the specified valley of the corrugation at the spigot end, lowering the same into the trench, laying on the lower bedding (constructed at bottom of trenches) at			

		prescribed gradient, depth and alignment, testing the water tightness of the joints, ensuring the continuity tests of specified pipe segment etc. complete as per drawing, specification and detailed engineering, including cartage of pipes and fitting from site stacks to the place of laying etc. as per direction of Engineer-in-charge.		
51.3.2	Approved Rates	150 mm Internal Diameter	Metre	65.75
51.3.3	Approved Rates	300 mm Internal Diameter	Metre	160.90
51.3.4	Approved Rates	400 mm Internal Diameter	Metre	210.35
51.3.5	Approved Rates	500 mm Internal Diameter	Metre	275.90
51.4.1	Approved Rates	Providing HDPE Pipe of material grade PE-80, PN-4 as confirm to IS: 14333.1996 (amended upto date) suitable for butt fusion jointing.		
51.4.2	Approved Rates	355 mm outer diameter	Metre	3755.50
51.4.3	Approved Rates	400 mm outer diameter	Metre	4863.80
51.4.4	Approved Rates	450 mm outer diameter	Metre	6158.40
51.4.5	Approved Rates	500 mm outer diameter	Metre	7587.30
51.4.6	Approved Rates	560 mm outer diameter	Metre	9695.85
51.4.7	Approved Rates	630 mm outer diameter	Metre	12221.85
51.4.8	Approved Rates	710 mm outer diameter	Metre	15549.30
51.5.1	Approved Rates	Laying and positioning of HDPE Pipe of material grade PE-80, PN-4 in trenches as confirm to IS: 7634 (part-II):2012 including testing but excluding the cost of jointing		
51.5.2	Approved Rates	355 mm outer diameter	Metre	57.30
51.5.3	Approved Rates	400 mm outer diameter	Metre	71.40
51.5.4	Approved Rates	450 mm outer diameter	Metre	91.25
51.5.5	Approved Rates	500 mm outer diameter	Metre	110.60
51.5.6	Approved Rates	560 mm outer diameter	Metre	138.10

51.5.7	Approved Rates	630 mm outer diameter	Metre	176.10
51.5.8	Approved Rates	710 mm outer diameter	Metre	222.90
51.6.1	Approved Rates	Providing butt fusion welding joints to HDPE Pipe of grade PE- 80, PN-4 as confirm to DVS 2207 part-II.		
51.6.2	Approved Rates	355 mm outer diameter	Metre	155.70
51.6.3	Approved Rates	400 mm outer diameter	Metre	183.45
51.6.4	Approved Rates	450 mm outer diameter	Metre	203.50
51.6.5	Approved Rates	500 mm outer diameter	Metre	231.25
51.6.6	Approved Rates	560 mm outer diameter	Metre	251.30
51.6.7	Approved Rates	630 mm outer diameter	Metre	251.30
51.6.8	Approved Rates	710 mm outer diameter	Metre	287.55
51.7.1	Approved Rates	De-silting of open Nallah (based on bucket system) in running and under foul condition for depth not exceeding 1.5 meter including removal silt, stones, brick bats, garbage such etc .and staking the same on the bank of Nallah at a distance up to 50 m from centre of Nallah complete including all lift etc.		
51.7.2	Approved Rates	De-silting of open Nallah	Cum	892.75
51.7.3	Approved Rates	Extra for every additional lift	Cum	297.60
51.7.4	Approved Rates	Covered Nallah	Cum	1339.15
51.8.1	Approved Rates	De-silting of sewer line based on bucket system in running and under foul condition for depth not exceeding 1.5 m i/e removal of stone, brick bats, garbage, silt etc. and staking the same on the bank of sewer manhole line at a distance up to 50 m from centre of sewer line as per CPWD specification complete and lift up to 1.5M	Cum	1004.20
51.9.1	Approved Rates	Construction of brick masonry circular manhole 3' - 00" internal dia (0.91 m) at bottom and 1' - 10" (0.56 m dia) at top, depth up to I.L 3 ft. or 0.91 m. Built in brickwork with extruded burnt sewer bricks (in FPS Size) conforming to IS-4885 -1988 incurved on plan in cement mortar 1:4 (1 cement :4 coarse send)	Each	10775.60

		excluding excavation, but including 9" or (0.23 m) thick founding concrete 1:3: 6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size) including fixing SFRC Manhole cover and frame (Heavy Duty) 560 mm internal dia fixed in cement conc. 1 2 : 4 (1cement :2 coarse sand : 4 graded stone aggregate 20 mm nominal size) and 12 mm thick plaster both inside and outside with cement mortar 1 : 4 (1 cement :4 coarse sand) and inside plaster to be finished with a floating coat of neat cement. Making necessary channel in cement conc. 1:2: 4 (1 cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size) allcomplete as per departmental drawing and as directed by Engineers-in-charge.		
51.10.1	Approved Rates	<p>Extra per meter depth of 3'-0" dia Or 0.91 m dia internal circular manhole beyond 3'-0" or 0.91 m up to I.L 5'-6" or 1.67 m depth built in brickwork (in FPS Size) with extruded burnt sewer bricks conforming to IS-4885-1988 in curved in cement mortar 1 : 4 (1 cement 4 : coarse sand) 12 mm thick plaster both inside and outside with cement mortar 1 :4 (1 cement :4 coarse sand) and inside plaster to be finished with a floating coat of neat cement and all complete as per departmental drawings and as directed by Engineer-in-charge.</p> <p>Note:-</p> <ol style="list-style-type: none"> 1. Cement required 1.35 Quintal per meter depth. 2. Cost of providing and fixing of plastic encapsulated foot rest will be paid separately. 	Meter	8195.00
51.11.1	Approved Rates	Constructing brick masonry circular manhole 4'-0" dia or 1.22 m internal dia at bottom and 1'-10" or 0.56 m dia at top, depth up to I.L 5'-6" or 1.67 m built in brickwork with extruded burnt sewer brick(in FPS Size) conforming to IS-4885-1988 in curved in cement mortar 1: 4 (1 cement :4 Coarse sand) excluding excavation but including 12" or (0.30 m) thick foundation concrete 1 :3:6 (1 cement :3 coarse sand :6 graded stone aggregate 40 mm nominal size) including centering and shuttering and fixing SFRC manhole cover and frame (Heavy Duty) 560 mm internal dia fixed in cement cone. 1 :2:4 (1 cement : 2 Coarse sand: 4 graded stone aggregate 20 mm nominal size) and 12 mm thick plaster both inside and outside with cement mortar 1 :4(1 cement :4 coarse sand) and inside plaster to be	Each	22576.65

		<p>finished with a floating coat of neat cement. Making necessary channel in cement cone. 1:2:1 (1 cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size) all complete as per departmental drawings and as directed by Engineer -in-Charge.</p> <p>Note: 1.Cement required 5.46 Quintals/ Each 2. Cost of Manhole frame and cover shall be paid separately. 3. Cost of providing and fixing plastic encapsulated foot rest shall be paid separately.</p>		
51.12.1	Approved Rates	<p>Extra per meter depth of 4'-0" dia Or 1.22 meter dia internal circular manhole beyond 5'-6" or 1.67 meter and up to IL. 7'-6" or 2.28 in depth in brickwork extruded burnt sewer brick (in FPS size) conforming to IS-4885-1988 in curved in cement mortar 1:4 (1 cement :4 coarse sand) 12 mm thick cement plaster both inside and outside with cement mortar 1 :4 (1 cement :4 coarse sand) and inside plaster to be finished with a floating coat of neat cement and all complete as per departmental drawing and as directed by Engineer-in-Charge.</p> <p>NOTE: 1.Cement required 1.62 QTUMeter Depth 2.Cost of providing and fixing of plastic encapsulated footrest shall be paid separately.</p>	Meter	10228.45
51.13.1	Approved Rates	<p>Construction of brick masonry circular manhole 5'-0" or 1.52 m internal dia at bottom and 1 '-1 0" or 0.56 m dia at top, depth up to IL 7'-6" or 2.28 m built in brickwork with extruded burnt sewer brick (in FPS Size) conforming to IS-4885-1988 in curved in cement mortar 1 :4 (1: cement coarse sand) excluding excavation and soling, but including 12" or (0.30 m) thick foundation concrete 1 :2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 40 mm nominal size) including centering and shuttering and fixing SFRC manhole cover and frame (Heavy Duty) 560 mm internal dia fixed in cement cone. 1 :2:4 (1 cement: 2: coarse Sand : graded stone aggregate 20 mm nominal size) and 12 mm thick cement plaster both inside and outside</p>	Each	50590.55

		<p>with cement mortar 1 :4 (1 cement : 4 coarse sand) and inside plaster to be finished with a floating coat of neat cement. Making necessary channel in cement cone. 1 :2:4 (1 cement : 2 coarse sand :4 grade stone aggregate 20 mm nominal size) all complete as per departmental drawing and as directed by Engineer-in-Charge)</p> <p>Note: 1. Cement required 13. 71 Quintals/Each 2. Cost of Manhole frame and cover, shall be paid separately. 3. Cost of providing and fixing plastic encapsulated foot rest shall be paid separately.</p>		
51.14.1	Approved Rates	<p>Extra per meter depth of 5'-0" dia or 1.52 meter internal dia circular manhole built with brickwork with extruded burnt sewer brick (in FPS Size) conforming to IS-4885-1988 in curved in cement mortar 1 :4 (1 cement :4 coarse sand) 12 mm thick cement plaster both inside and outside with cement mortar 1 :4(1 cement : 4 coarse sand) and inside plaster to be finished with a floating coat of neat cement and all complete as per departmental drawing and as directed by the Engineer –in-charge (cost of providing and fixing of plastic encapsulated foot rest shall be paid separately.</p> <p>Note: 1. cement required 3.50 Quintal/ meter depth</p>		
51.14.2	Approved Rates	Beyond 7'-6" or 2.28 m and up to IL 13'8" or 4.16m (cement required 3.50 Quintal/ meter depth)	Meter	22334.30
51.14.3	Approved Rates	Beyond 13'-8" or 4.16 m and up to IL 20' 0" or 6.09m (cement required 5.08 Quintal/ meter depth)	Meter	31013.65
51.14.4	Approved Rates	Beyond 20'-0" or 6.09 m and up to IL 37'-0" or 11.27 m(cement required 5.62 Quintal/ meter depth)	Meter	36492.20
51.15.1	Approved Rates	<p>Constructing brick masonry circular manhole 6'-0" or 1.83 m internal dia at bottom and 1'-10" or 0.56 m dia at top, up to IL 12'-6" or 3.81 m built in brickwork with extruded burnt sewer brick (in FPS Size) conforming to IS-4885-1988 in curved on plan in cement mortar 1 :4 (1 cement :4 coarse sand) excluding excavation & soling, but including 12" or (0.30 m) thick foundation cement concrete 1 :2:4 (1 cement :2 coarse sand :4 graded stone aggregate 40 mm nominal size) including centering and shuttering and fixing SFRC manhole cover and frame (Heavy Duty)</p>	Meter	89602.40

		<p>560 mm internal dia in cement concrete. 1 :2:4 (1 cement :2 coarse sand; 4 graded stone aggregate 20 mm nominal size) and 12 mm thick cement plaster both inside and outside with cement mortar 1 :4(1 cement : 4 coarse sand) and inside plaster to be finished with a floating coat of neat cement. Making necessary channel in cement concrete. 1 :2:4 (1 cement :2 coarse sand : 4 graded stone aggregate 20 mm nominal size) all complete as per departmental drawings and as directed by Engineer-in-Charge.</p> <p>Note:</p> <ol style="list-style-type: none"> 1. Cement required 13.71 Quintals/Each 2. Cost of Manhole frame and cover shall be paid separately. 3. Cost of providing and fixing plastic encapsulated foot rest shall be paid separately. 		
51.16.1	Approved Rates	Extra per meter depth of 6'-0" dia Or 1.829 m dia internal circular manhole built with brickwork with extruded burnt sewer brick (in FPS size) conforming to IS 4885-1988 in curved in cement mortar 1 :4 (1 cement : 4 coarse sand) 12 mm thick cement plaster both inside and outside with cement mortar 1 :4 (1 cement : 4 coarse sand) and inside plaster to be finished with a floating coat of neat cement and all complete as per departmental drawings and as directed by the Engineer -in- Charge. (cost of providing and fixing of plastic encapsulated foot rest shall be paid separately).		
51.16.2	Approved Rates	Beyond Detail for 3.81 meter and upto IL 6.096 meter depth (12'-6" to 20'-0") cement required 5.06 Qtl./ meter depth	Meter	34295.80
51.16.3	Approved Rates	Beyond Detail for 6.096 meter to 10.668 meter depth (20'-0" to 35')(Beyond 20'-0" or 6.096 m and up to IL 6'-0" or 10.668 m (cement required 6.10 Qtl./ meter depth.))	Meter	41622.95
51.17.1	Approved Rates	Supplying and stacking at the site precast concrete manhole cover with steel fiber of ISI marked conforming to IS ;12592 part ,I of HD 20 with matching frame of class HD 20 IS 12592 part II with 875 mm external dia and clear 560 mm internal dia.	Each	1177.40
51.18.1	Approved Rates	Supplying and stacking at the site precast concrete manhole cover with steel fiber of ISI marked conforming to IS ; 12592 part I of EHD 35 with matching frame of class EHD 35 IS 12592 part II with 875 mm external dia and clear 560 mm internal dia.	Each	1565.40

51.19.1	Approved Rates	Fixing of SFRC manhole cover and frame, 560 mm dia HD-20/EHD 35.	Each	67.50
51.20.1	Approved Rates	Plugging of the existing sewer line and Manhole with 2 Nos. MS sheet 6 mm thick with angle iron frame and braces shutters to be shut with wooden struts and filling the manhole with empty cement (PVC) bags filled up with earth up to suitable depth to avoid leakage the sewerage on the u/s side to be pumped with suitable nos. and capacity of pumps, till the work is completed so as to keep reduce the pressure to be required extent to the plugged manhole. Necessary arrangement to be made for pumping of any leakage noticed in the manhole or to re-plug in the case of heavy leakage. The steel shutters and the earth filled PVC cement bags shall be removed after the completion of work and then the manhole shall be de-silted.		
51.20.2	Approved Rates	400 mm dia to 550 mm dia	Per Joint	20824.10
51.20.3	Approved Rates	600 mm dia to 700 mm dia	Per Joint	26480.50
51.20.4	Approved Rates	800 mm dia	Per Joint	31465.70
51.20.5	Approved Rates	900 mm dia	Per Joint	35109.20
51.20.6	Approved Rates	1000 mm dia	Per Joint	38746.90
51.20.7	Approved Rates	1100 mm dia	Per Joint	42397.00
51.20.8	Approved Rates	1200 mm dia	Per Joint	49047.40
51.20.9	Approved Rates	1400 mm dia	Per Joint	64346.05
51.20.10	Approved Rates	1800 mm dia	Per Joint	89275.25
51.20.11	Approved Rates	2000 mm dia	Per Joint	100103.85
51.20.12	Approved Rates	2250 mm dia	Per Joint	120776.10
51.21.1	Approved Rates	Providing leak proof rocka's in 150 mm dia to 300 dia running sewer line with earth filled in empty cement (PVC) bags including remove of the same after completion of the work.	Per Job	764.50
51.22.1	Approved Rates	Construction of bundh with filled up earth in empty (PVC) cement bags (excluding cost of earth which will be available at site of work) including stitching/stacking placing in removing the same etc. Including the cost of empty (PVC)	Per Bag	20.55

		cement bags complete.		
51.23.1	Approved Rates	Providing and fixing 2.0 m high corrugated GI sheet barricading with safeda ballies of 100 mm dia 2.8 meter long post 30 cm girth (min.) for CGI sheet and every 12th post to be strutted with ballies and fixing with nails etc including excavation holes size of 0.30 x 0.30 x 0.80 meters getting out the excavation soil and then returning the soil including consolidating by ramming, watering etc. disposal of surplus earth as directed within lead of 50.0, meter and lift of 1.5 meter and painting with bright red and white paint vertical strips 0.30 m wide and 1.25 m apart center to center as per drawing as directed by the Engineer -in Charge.	Sqmt.	51.50
51.24.1	Approved Rates	Providing and fixing 2 meter high MS sheet barricading with frame of angle iron 40 x 40 x 6 mm every post to be welded with MS channel ISLC 100 X 50 X 6.4 MM horizontal i/c making of hole in the channel for providing, embedding of 16 mm dia round torque bars in the road as per drawing. (FOR TRUNK SEWER WORKS ONLY)	Sqmt.	308.20
51.25.1	Approved Rates	Supplying stacking and laying of stone including packing with smailer stones and consolidating with steel rammer including spreading and consolidating of dlining material moorum or earth etc. complete (payment to be made for quantity of only stone soling used after deducting voids excluding blinding material.	Cum	2383.60
51.26.1	Approved Rates	Extra for laying stone in or under liquid mud including cost of pumping and bailing out water and removing slush etc. complete. Note: Quantity will be calculated by multiplying the depth measured from the sub soil water level up to the centre of gravity the stone soling in cu-m-executed under the sub soil water. The depth of centre of gravity shall be reckoned corrected to 0.1 meter, 0.05 meter or more shall be taken as 0.1 meter and less than 0.05 meter ignored.	Cum/meter depth	494.55
51.27.1	Approved Rates	Providing steel truss welded in built up section for supporting water main or like made of angle irons tees, flats and M.S. bars and channels welded in built up section i/c cutting hoisting and placing in position and removal of same. The item also includes welding works applying primer coat an approved brand for steel works. The work is to be carried out as per instruction of	Kg	81.95

		Engineer in Charge the dismantled materials will be taken by the Contractor after the completion of work and it can be reused on the same work without any extra payment.		
51.28.1	Approved Rates	Close timbering in trenches including strutting, shoring and packing cavities (wherever required) complete (Measurements to be taken of the face area timbered).		
51.28.2	Approved Rates	Depth exceeding 4.5 m but not exceeding 6.0 m	sqmt	220.25
51.28.3	Approved Rates	Depth exceeding 6.0 m but not exceeding 7.5 m	sqmt	226.80
51.28.4	Approved Rates	Depth exceeding 7.5 m but not exceeding 9.0 m	sqmt	253.40
51.29.1	Approved Rates	Open timbering in trenches including strutting and shoring complete (measurements to be taken of the face area timbered):		
51.29.2	Approved Rates	Depth exceeding 4.5 m but not exceeding 6.0 m	sqmt	100.40
51.29.3	Approved Rates	Depth exceeding 6.0 m but not exceeding 7.5 m	sqmt	111.85
51.29.4	Approved Rates	Depth exceeding 7.5 m but not exceeding 9.0 m	sqmt	123.20
51.30.1	Approved Rates	Close timbering in case of shafts, wells, cesspits, manholes and the like including strutting, shoring and packing cavities (wherever required) etc. complete (Measurements to be taken of the face area timbered).		
51.30.2	Approved Rates	Depth exceeding 4.5 m but not exceeding 6.0 m	sqmt	229.80
51.30.3	Approved Rates	Depth exceeding 6.0 m but not exceeding 7.5 m	sqmt	260.80
51.30.4	Approved Rates	Depth exceeding 7.5 m but not exceeding 9.0 m	sqmt	294.50
51.31.1	Approved Rates	Open timbering in case of shafts, wells, cesspits, manholes and the like including strutting, shoring and packing cavities (wherever required) etc. complete (Measurements to be taken of the face area timbered).		
51.31.2	Approved Rates	Depth exceeding 4.5 m but not exceeding 6.0 m	sqmt	108.60
51.31.3	Approved Rates	Depth exceeding 6.0 m but not exceeding 7.5 m	sqmt	125.50
51.31.4	Approved Rates	Depth exceeding 7.5 m but not exceeding 9.0 m	sqmt	142.40
51.32.1	Approved Rates	Open timbering over areas including strutting, shoring etc. complete (Measurements to be taken of the face area timbered)		
51.32.2	Approved Rates	Depth exceeding 4.5 m but not exceeding 6.0 m	sqmt	73.85

51.32.3	Approved Rates	Depth exceeding 6.0 m but not exceeding 7.5 m	sqmt	85.25
51.32.4	Approved Rates	Depth exceeding 7.5 m but not exceeding 9.0 m	sqmt	96.85
51.33.1	Approved Rates	Close timbering over areas including strutting , shoring etc. complete (Measurements to be taken of the face area timbered)		
51.33.2	Approved Rates	Depth exceeding 4.5 m but not exceeding 6.0 m	sqmt	167.40
51.33.3	Approved Rates	Depth exceeding 6.0 m but not exceeding 7.5 m	sqmt	186.00
51.33.4	Approved Rates	Depth exceeding 7.5 m but not exceeding 9.0 m	sqmt	204.60
51.34.1	Approved Rates	Providing and fixing of Kota Stone slab 20 to 25 mm thick and 100 mm wide in joints between the panels 10 mtr long of pavement / road slabs	sqmt	898.20
51.35.1	Approved Rates	Constructing brick masonry manhole in cement mortar 1 :4 (1 cement: 4 coarse sand) with R.C.C. top slab with 1 :1.5:3 mix (1 cement : 1.5 coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size), foundation concrete 1 :4:8 mix (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size) , inside plastering 12 mm thick with cement mortar 1 :3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1 :2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design: Inside size 90x80 cm and 45 cm deep including providing and fixing at the site precast concrete manhole cover with steel fiber of IS marked conforming to IS : 12592 part I of HD 20 with matching frame of class HD 20 IS 12592 part II with 875 mm external dia and clear 560 mm internal dia. With Sewer bricks conforming to IS : 4885	Each	10068.00

51 (b) The rates of following non-schedule items on water side analyzed based on CPWD DSR-2021 are circulated for adoption in the department (DJB) to provide uniform basis for preparation of estimates etc.

DJB Item Code	SOR Reference	Description of Items	Unit	Rate in Rs.
51.36.1	Approved Rates	Laying in position M.S Pipes/Steel cylinder reinforced concrete pipes suitable for rubber ring jointing or welding or flanged jointing (excluding cost of pipe).	qtl	298.5
51.37.1	Approved Rates	Laying in position M.S special/steel cylinder reinforced concrete specials suitable for rubber ring jointing or welding or flanged jointing (excluding cost of specials).	qtl	546.00
51.38.1	Approved Rates	Laying in position M.S/Steel cylinder reinforced concrete gap pieces in trenches, through culverts or over pillars suitable for welding or other jointing (excluding the cost of gap pieces).	qtl	328.35
51.39.1	Approved Rates	Taking out PSC/S&S pipes from the trenches after de-jointing and stacking the same along the trench within a lead of 50 meters.		
51.39.2	Approved Rates	450 mm dia.	meter	895.50
51.39.3	Approved Rates	600 mm dia.	meter	1417.90
51.39.4	Approved Rates	700 mm dia.	meter	1567.15
51.39.5	Approved Rates	800 mm dia.	meter	1865.65
51.39.6	Approved Rates	900 mm dia.	meter	2238.75
51.39.7	Approved Rates	1000 mm dia.	meter	2574.55
51.39.8	Approved Rates	1100 mm dia.	meter	2947.70
51.39.9	Approved Rates	1200 mm dia.	meter	3470.05
51.39.10	Approved Rates	1500 mm dia.	meter	4850.65
51.40.1	Approved Rates	Disinfection of PSC/ CI/ M S water main by flushing with water containing bleaching powder@ 0.5 gm per litre of water and cleaning the same with fresh water, operation to be repeated three times , i/c getting the samples from the disinfected		

		water main tested in DJB laboratory.		
51.40.2	Approved Rates	700 mm dia	meter	102.45
51.40.3	Approved Rates	800 mm dia	meter	115.80
51.40.4	Approved Rates	900 mm dia	meter	129.65
51.40.5	Approved Rates	1000 mm dia	meter	144.30
51.40.6	Approved Rates	1100 mm dia	meter	159.45
51.40.7	Approved Rates	1200 mm dia	meter	175.05
51.40.8	Approved Rates	1500 mm dia	meter	225.40
51.41.1	Approved Rates	Fixing in position C.I sluice valve and providing flanged joints (2 Nos. } with bolts, nut s, rubber insertion etc. all complete including testing of joint s.		
51.41.2	Approved Rates	400 mm dia.	Each	4272 .20
51.41.3	Approved Rates	450 mm dia.	Each	5505.60
51.41.4	Approved Rates	500 mm dia.	Each	7170.20
51.41.5	Approved Rates	600 mm dia.	Each	8425.80
51.41.6	Approved Rates	700 mm dia.	Each	12248.10
51.41.7	Approved Rates	800 mm dia.	Each	16709.10
51.41.8	Approved Rates	900 mm dia.	Each	21874.30
51.41.9	Approved Rates	1000 mm dia.	Each	29421.50
51.41.10	Approved Rates	1100 mm dia.	Each	34539.60
51.41.11	Approved Rates	1200 mm dia.	Each	38580.60
51.42.1	Approved Rates	Providing lead caulked joints to spun iron or C.I pipe s and specials including testing of joints but excluding cost of pig lead .		
51.42.2	Approved	700mm	Each	3149.15

	Rates			
51.42.3	Approved Rates	800mm	Each	3477.60
51.42.4	Approved Rates	900mm	Each	4096.90
51.42.5	Approved Rates	1000 mm	Each	4497 .35
51.43.1	Approved Rates	Providing & Erecting 1.6m high corrugated G.I. Sheets barricading supported on safeda ballies 100mm cf>, two meter high placed at 2.5m c/c corrugated G.I. sheets fixed with nails of required length and dia to safeda ballies i/c excavating holes of size 0.3x0.3x0.40m getting out the excavated soil and then returning the soil i/c consolidating by ramming and watering etc. all complete i/c disposal of surplus excavated earth with in a lead of 50m lift upto 1.5m and painting on full surface of C.G.I. Sheet (on one side with bright paint of red & white colour in vertical strips 0.3m wide alternately as directed by Engineer-in-Charge. (The barricading provided shall remain to be the property of contractor on completion of the work).	Sqm.	51.55
51.44.1	Approved Rates	Filling of water into water main for testing to the specified head, water to be arranged by sinking of tube well and pumping out the underground water and filling the same into water main including installation of pumps of sufficient capacity and head, providing and fixing delivery and suction pipe etc., all complete and as directed by Engineer-in - charge.		
51.44.2	Approved Rates	For 100 mm dia. Water main	meter	3.45
51.44.3	Approved Rates	For 150 mm dia. Water main	meter	3.60
51.44.4	Approved Rates	For 200 mm dia. Water main	meter	3.80
51.44.5	Approved Rates	For 250 mm dia. Water main	meter	4.10
51.44.6	Approved	For 300 mm dia. Water main	meter	4.40

	Rates			
51.44.7	Approved Rates	For 350 mm dia. Water main	meter	4.80
51.44.8	Approved Rates	For 400 mm dia. Water main	meter	5.25
51.44.9	Approved Rates	For 450 mm dia. Water main	meter	5.80
51.44.10	Approved Rates	For 500 mm dia. Water main	meter	6.35
51.44.11	Approved Rates	For 600 mm dia. Water main	meter	7.70
51.44.12	Approved Rates	For 700 mm dia. Water main	meter	9.30
51.44.13	Approved Rates	For 800 mm dia. Water main	meter	11.15
51.44.14	Approved Rates	For 900 mm dia. Water main	meter	13.20
51.44.15	Approved Rates	For 1000 mm dia. Water main	meter	15.55
51.44.16	Approved Rates	For 1100 mm dia. Water main	meter	18.10
51.44.17	Approved Rates	For 1200 mm dia. Water main	meter	20.90
51.44.18	Approved Rates	For 1400 mm dia. Water main	meter	27.30
51.44.19	Approved Rates	For 1500 mm dia. Water main	meter	30.85
51.45.1	Approved Rates	Providing flanged joints to double flanged C.I./D.I pipe s and special s, including testing of joints.		
51.45.2	Approved Rates	700 mm dia.	Each	2029.05
51.45.3	Approved Rates	750 mm dia.	Each	2062.40
51.45.4	Approved Rates	800 mm dia.	Each	2621 .55
51.45.5	Approved Rates	900 mm dia.	Each	3020.15
51.45.6	Approved Rates	1000 mm dia.	Each	3790.75
51.45.7	Approved Rates	1050 mm dia.	Each	3824.15
51.45.8	Approved Rates	1100 mm dia.	Each	4438 .80
51.45.9	Approved Rates	1200 mm dia.	Each	5367.30
51.45.10	Approved Rates	1400 mm dia.	Each	7139.95
51.45.11	Approved Rates	1500 mm dia.	Each	8150 .50

51.46.1	Approved Rates	Cutting of Asbestos Cement Pressure Pipes with steel saw		
51.46.2	Approved Rates	100 mm diameter	Each	80.35
51.46.3	Approved Rates	150 mm diameter	Each	150.95
51.46.4	Approved Rates	200 mm diameter	Each	201.35
51.46.5	Approved Rates	250 mm diameter	Each	250.40
51.46.6	Approved Rates	300 mm diameter	Each	300.80
51.47.1	Approved Rates	Labour for cutting C.I. / 0.1. pipe with steelsaw .		
51.47.2	Approved Rates	700 mm diameter	Each	1363.90
51.47.3	Approved Rates	750 mm diameter	Each	1461.35
51.47.4	Approved Rates	800 mm diameter	Each	1558.75
51.47.5	Approved Rates	900 mm diameter	Each	1753.60
51.47.6	Approved Rates	1000 mm diameter	Each	1948.45
51.48.1	Approved Rates	Boring/ drilling bore well of required dia for casing/ strainer pipe, by suitable method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strata chart/ bore log, including hire & running charges of all equipments, tools, plants & machineries required for the job, all complete as per direction of Engineer -in-charge, upto 90 meter depth below ground level.		
	Approved Rates	All types of soils		
51.48.2	Approved Rates	150 mm dia	meter	414.45
51.48.3	Approved Rates	200 mm dia	meter	460.50
51.48.4	Approved Rates	250 mm dia	meter	518.05
51.48.5	Approved Rates	500 mm dia	meter	1036.10
51.48.6	Approved Rates	600 mm dia	meter	1381.45
51.49.1	Approved Rates	Rocky strata i/c boulders		
51.49.2	Approved Rates	150 mm dia	meter	1191.30

51.49.3	Approved Rates	200 mm dia	meter	1252.75
51.49.4	Approved Rates	250 mm dia	meter	1335.05
51.49.5	Approved Rates	500 mm dia	meter	2003.10
51.49.6	Approved Rates	600 mm dia	meter	2241.50
51.50.1	Approved Rates	Boring/ drilling bore well of required dia for casing/ strainer pipe, by suitable method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strata chart / bore log, including hire & running charges of all equipments, tools, plants & machineries required for the job, all complete as per direction of Engineer -in-charge, beyond 90 meter & upto 150 m depth below ground level.		
		All type of soil strata		
51.50.2	Approved Rates	150 mm dia	meter	460.50
51.50.3	Approved Rates	200 mm dia	meter	518.05
51.50.4	Approved Rates	250 mm dia	meter	592.05
51.50.5	Approved Rates	500 mm dia	meter	1381.45
51.50.6	Approved Rates	600 mm dia	meter	2072.15
51.51.1		Rocky strata including Boulders		
51.51.2	Approved Rates	150 mm dia	meter	1302.85
51.51.3	Approved Rates	200 mm dia	meter	1394.30
51.51.4	Approved Rates	250 mm dia	meter	1473.90
51.51.5	Approved Rates	500 mm dia	meter	2233.50
51.51.6	Approved Rates	600 mm dia	meter	2399.75

51.52.1	Approved Rates	Providing , fabricating and placing of MS vent Pipe of 150 mm dia. (Internal dia. NB) at the desired locations, medium class MS Pipe welded with MS plate of 300x300x2mm, galvanized wire mesh of average width of aperture- 1.4 mm and nominal dia. of wire 0.63 mm at both ends and complete assembly shall be hot dipped galvanized. The whole work shall be executed as per approved shop drawing; all complete as per direction of Engineer -In-Charge.	Each	4950.35
51.53.1	Approved Rates	Providing and fixing in position step collars (in two halves) for holding of rubber ring and strengthening of S&S PSC Pipe joints for preventing leakage, made out of 6 mm thick MS plate i/c rolling, cutting, welding, fixing in position and hoisting 50X50X6 mm size angle iron welded at both ends of MS plate i/c making holes, providing & fixing nuts and bolts of 12 mm dia 75 mm long with washer etc. all complete i/c applying a coat of primer of approved brand and manufacture (for new steel work) as directed by engineer-in-charge.		
51.53.2	Approved Rates	600 mm diameter	Each	8419.10
51.53.3	Approved Rates	700 mm diameter	Each	9250.30
51.53.4	Approved Rates	800 mm diameter	Each	10012.65
51.53.5	Approved Rates	900 mm diameter	Each	11091.40
51.53.6	Approved Rates	1000 mm diameter	Each	11919.85
51.53.7	Approved Rates	1100 mm diameter	Each	12724.10
51.53.8	Approved Rates	1500 mm diameter	Each	16867.25

51(c) Revision in Rates of Non Schedule items based on CPWD Delhi Schedule of Rates 2021 and Market Rates.

DJB Item Code	SOR Reference	Description	Unit	Rate (INR)
51.54.1	Approved Rates	Providing and Supplying of class SN 8 structured wall Polyethylene Piping system (Pipe with online/offline coupler and elastomeric sealing ring) with non smooth external annular corrugated and smooth internal surface (double wall) for non -pressure underground sewerage and drainage application as confirm to IS 16098 (part II): 2013 including GST, transportation, freight charges, inspection charges, loading, unloading, conveyance to the departmental stores/ location of site of work complete as specified and directed by Engineer In-Charge.		
51.54.2	Approved Rates	150 mm Internal Diameter	Meter	302.70
51.54.3	Approved Rates	300 mm Internal Diameter	Meter	916.50
51.54.4	Approved Rates	400 mm Internal Diameter	Meter	1712.55
51.54.5	Approved Rates	500 mm Internal Diameter	Meter	2501.95
51.55.1	Approved Rates	Lowering, Laying and Jointing of class SN 8 structured wall (External Annular . Corrugated and Smooth Internal Surface Polyethylene Piping and fitting with the help of coupler(online/ offline) attached with one end of pipes, sliding over the elastomeric sealing rubber ring placed on the specified valley of the corrugation at the spigot end, lowering the same into the trench, laying on the lower bedding (constructed at bottom of trenches) at prescribed gradient, depth and alignment, testing the water tightness of the joints, ensuring the continuity tests of specified pipe segment etc. complete as per drawing, specification and detailed engineering, including cartage of pipes and fitting from site stacks to the place of laying etc. as per direction of Engineer-in-charge.		
51.55.2	Approved Rates	150 mm Internal Diameter	Meter	65.75
51.55.3	Approved Rates	300 mm Internal Diameter	Meter	160.90
51.55.4	Approved Rates	400 mm Internal Diameter	Meter	210.35
51.55.5	Approved Rates	500 mm Internal Diameter	Meter	275.90
51.56.1	Approved Rates	Providing HDPE Pipe of material grade PE-80, PN-4 as confirm to IS: 14333.1996 (amended upto date) suitable for butt fusion jointing.		
51.56.2	Approved Rates	355 mm outer diameter	Metre	3755.50
51.56.3	Approved	400 mm outer diameter	Metre	4863.80

51.56.4	Approved Rates	450 mm outer diameter	Metre	6158.40
51.56.5	Approved Rates	500 mm outer diameter	Metre	7587.30
51.56.61	Approved Rates	560 mm outer diameter	Metre	9695.85
51.56.7	Approved Rates	630 mm outer diameter	Metre	12221.85
51.56.8	Approved Rates	710 mm outer diameter	Metre	15549.30
51.57.1	Approved Rates	Laying and positioning of HDPE Pipe of material grade PE-80, PN-4 in trenches as confirm to IS: 7634 (part-11):2012 including testing but excluding the cost of		
51.57.2	Approved Rates	355 mm outer diameter	Metre	57.30
51.57.3	Approved Rates	400 mm outer diameter	Metre	71.40
51.57.4	Approved Rates	450 mm outer diameter	Metre	91.25
51.57.5	Approved Rates	500 mm outer diameter	Metre	110.60
51.57.6	Approved Rates	560 mm outer diameter	Metre	138.10
51.57.7	Approved Rates	630 mm outer diameter	Metre	176.70
51.57.8	Approved Rates	710 mm outer diameter	Metre	222.90
51.58.1	Approved Rates	Providing butt fusion welding joints to HDPE Pipe of grade PE-80, PN-4 as confirm to DVS 2207 part-II.		
51.58.2	Approved Rates	355 mm outer diameter	P/Joint	155.70
51.58.3	Approved Rates	400 mm outer diameter	P/Joint	183.45
51.58.4	Approved Rates	450 mm outer diameter	P/Joint	203.50
51.58.5	Approved Rates	500 mm outer diameter	P/Joint	231.25
51.58.6	Approved Rates	560 mm outer diameter	P/Joint	251.30
51.58.7	Approved Rates	630 mm outer diameter	P/Joint	251.30
51.58.8	Approved Rates	710 mm outer diameter	P/Joint	287.55
51.59.1	Approved Rates	De-silting of open Nallah (based on bucket system) in running and under foul condition for depth not exceeding 1.5 meter including removal silt, stones, brick bats, garbage such etc .and staking the same on the bank of Nallah at a distance up to 50 m from centre of Nallah complete including all lift etc.		
51.59.2	Approved Rates	De-silting of open Nallah	Cum	892.75

51.59.3	Approved Rates	Extra for every additional lift	Cum	297.60
51.59.4	Approved Rates	Covered Nallah	Cum	1339.15
51.60.1	Approved Rates	De-silting of sewer line based on bucket system in running and under foul condition for depth not exceeding 1.5 m i/e removal of stone, brick bats, garbage, silt etc. and staking the same on the bank of sewer manhole line at a distance up to 50 m from centre of sewer line as per CPWD specification complete and lift up to 1.5M	Cum	1004.20
51.61.1	Approved Rates	Construction of brick masonry circular manhole 3' - 00" internal dia (0.91 m) at bottom and 1' - 10" (0.56 m dia) at top, depth up to I.L 3 ft. or 0.91 m. Built in brickwork with extruded burnt sewer bricks (in FPS Size) conforming to IS-4885 -1988 incurred on plan in cement mortar 1 :4 (1 cement :4 coarse sand) excluding excavation, but including 9" or (0 .23 m) thick founding concrete 1 :3: 6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size) including fixing SFRC Manhole cover and frame (Heavy Duty) 560 mm internal dia fixed in cement cone. 1: 2 ; 4 (1 cement :2 coarse sand : 4 graded stone aggregate 20 mm nominal size) and 12 mm thick plaster both inside and outside with cement mortar 1 : 4 (1 cement :4 coarse sand) and inside plaster to be finished with a floating coat of neat cement. Making necessary channel in cement cone. 1 :2: 4 (1 cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size) all complete as per departmental drawings and as directed by Engineers-in-charge. Note: 1.Cement required 2.68 Quintals I Each. 2. Cost of manhole frame and cover shall be paid separately.	Each	10775.60
51.62.1	Approved Rates	Extra per meter depth of 3'-0" dia Or 0.91 m dia internal circular manhole beyond 3'-0" or 0.91 m up to I.L 5'-6" or 1.67 m depth built in brickwork (in FPS Size) with extruded burnt sewer bricks conforming to IS-4885-1988 in curved in cement mortar 1 : 4 (1 cement 4 : coarse sand) 12 mm thick plaster both inside and outside with cement mortar 1 :4 (1 cement :4 coarse sand) and inside plaster to be finished with a floating coat of neat cement and all complete as per departmental drawings and as directed by Engineer-in -charge. Note: 1. Cement required 1.35 Quintal per meter depth. 2. Cost of providing and fixing of plastic encapsulated foot rest will be paid separately.	Meter	8195.00

51.63.1	Approved Rates	<p>Constructing brick masonry circular manhole 4'-0" dia or 1.22 m internal dia at bottom and 11'-10" or 0.56 m dia at top, depth up to I.L 51'-6" or 1.67 m built in brickwork with extruded burnt sewer brick(in FPS Size) conforming to IS-4885-1988 in curved in cement mortar 1: 4 (1 cement :4 Coarse sand) excluding excavation but including 12" or (0.30 m) thick foundation concrete 1:3:6 (1 cement :3 coarse sand :6 graded stone aggregate 40 mm nominal size) including centering and shuttering and fixing SFRC manhole cover and frame (Heavy Duty) 560 mm internal dia fixed in cement conc. 1:2:4 (1 cement 2 Coarse sand: 4 graded stone aggregate 20 mm nominal size) and 12 mm thick plaster both inside and outside with cement mortar 1:4(1 cement :4 coarse sand) and inside plaster to be finished with a floating coat of neat cement. Making necessary channel in cement conc. 1:2:1 (1 cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size) all complete as per departmental drawings and as directed by Engineer -in-Charge. Note: 1.Cement required 5.46 Quintals/ Each 2. Cost of Manhole frame and cover shall be paid separately. 3. Cost of providing and fixing plastic encapsulated foot rest shall be paid separately</p>	Each	22576.65
51.64.1	Approved Rates	<p>Extra per meter depth of 4'-0" dia Or 1.22 meter dia internal circular manhole beyond 5'-6" or 1.67 meter and up to IL. 7'-6" or 2.28 in depth in brickwork extruded burnt sewer brick (in FPS size) conforming to IS-4885-1988 in curved in cement mortar 1:4 (1 cement :4 coarse sand) 12 mm thick cement plaster both inside and outside with cement mortar 1:4 (1 cement :4 coarse sand) and inside plaster to be finished with a floating coat of neat cement and all complete as per departmental drawing and as directed by Engineer-in-Charge. NOTE: 1.Cement required 1.62 QTL/Meter Depth 2.Cost of providing and fixing of plastic encapsulated footrest shall be paid separately.</p>	Meter	10228.45

51.65.1	Approved Rates	<p>Construction of brick masonry circular manhole 5'-0" or 1.52 m internal dia at bottom and 1'-1 0" or 0.56 m dia at top, depth up to IL 7'-6" or 2.28 m built in brickwork with extruded burnt sewer brick (in FPS Size) conforming to IS-4885-1988 in curved in cement mortar 1 :4 (1: cement coarse sand) excluding excavation and soling, but including 12" or (0.30 m) thick foundation concrete 1 :2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 40 mm nominal size) including centering and shuttering and fixing SFRC manhole cover and frame (Heavy Duty) 560 mm internal dia fixed in cement cone. 1 :2:4 (1 cement : 2: coarse Sand : graded stone aggregate 20 mm nominal size) and 12 mm thick cement plaster both inside and outside with cement mortar 1 :4 (1 cement : 4 coarse sand) and inside plaster to be finished with a floating coat of neat cement. Making necessary channel in cement cone. 1 :2:4 (1 cement : 2 coarse sand :4 grade stone aggregate 20 mm nominal size) all complete as per departmental drawing and as directed by Engineer-in-Charge)</p> <p>Note:</p> <ol style="list-style-type: none"> 1. Cement required 13. 71 Quintals/Each 2. Cost of Manhole frame and cover, shall be paid separately. 3. Cost of providing and fixing plastic encapsulated foot rest shall be paid separately. 	Each	50590.55
51.66.1	Approved Rates	<p>Extra per meter depth of 5'-0" dia or 1.52 meter internal dia circular manhole built with brickwork with extruded burnt sewer brick (in FPS Size) conforming to IS-4885-1988 in curved in cement mortar 1 :4 (1 cement :4 coarse sand) 12 mm thick cement plaster both inside and outside with cement mortar 1 :4(1 cement : 4 coarse sand) and inside plaster to be finished with a floating coat of neat cement and all complete as per departmental drawing and as directed by the Engineer –in-charge (cost of providing and fixing of plastic encapsulated foot rest shall be paid separately.</p> <p>Note:</p> <ol style="list-style-type: none"> 1. cement required 3.50 Quintal/ meter depth 		
51.66.2	Approved Rates	Beyond 7'-6" or 2.28 m and up to IL 13'8" or 4.16m (cement required 3.50 Quintal/ meter depth)	meter	22334.30
51.66.3	Approved Rates	Beyond 13'-8" or 4.16 m and up to IL 20' 0" or 6.09m (cement required 5.08 Quintal/ meter depth)	meter	31013.65
51.66.4	Approved Rates	Beyond 20'-0" or 6.09 m and up to IL 37'-0" or 11.27 m(cement required 5.62 Quintal/ meter depth)	meter	36492.20

51.67.1	Approved Rates	Constructing brick masonry circular manhole 61-0" or 1.83 m internal dia at bottom and 11-10" or 0.56 m dia at top, up to IL 12'-6" or 3.81 m built in brickwork with extruded burnt sewer brick (in FPS Size) conforming to IS-4885-1988 in curved on plan in cement mortar 1:4 (1 cement :4 coarse sand) excluding excavation & soling, but including 12" or (0.30 m) thick foundation cement concrete 1:2:4 (1 cement :2 coarse sand :4 graded stone aggregate 40 mm nominal size) including centering and shuttering and fixing SFRC manhole cover and frame (Heavy Duty) 560 mm internal dia in cement conc. 1:2:4 (1 cement :2 coarse sand; 4 graded stone aggregate 20 mm nominal size) and 12 mm thick cement plaster both inside and outside with cement mortar 1:4(1 cement : 4 coarse sand) and inside plaster to be finished with a floating coat of neat cement. Making necessary channel in cement conc. 1:2:4 (1 cement :2 coarse sand : 4 graded stone aggregate 20 mm nominal size) all complete as per departmental drawings and as directed by Engineer-in-Charge. Note:- 1. Cement required 13.71 Quintals/Each 2.Cost of Manhole frame and cover shall be paid separately. 3. Cost of providing and fixing plastic encapsulated foot rest shall be paid separately.	Each	89602
51.68.1	Approved Rates	Extra per meter depth of 6'-0"dia Or 1.829 m dia internal circular manhole built with brickwork with extruded burnt sewer brick (in FPS size) conforming to IS 4885-1988 in curved in cement mortar 1:4 (1 cement : 4 coarse sand) 12 mm thick cement plaster both inside and outside with cement mortar 1:4 (1 cement : 4 coarse sand) and inside plaster to be finished with a floating coat of neat cement and all complete as per departmental drawings and as directed by the Engineer -in- Charge. (cost of providing and fixing of plastic encapsulated foot rest shall be paid separately).		
51.68.2	Approved Rates	Beyond Detail for 3.81 meter and upto IL 6.096 meter depth (12'-6" to 20'-0") cement required 5.06 Qtl./ meter depth	Meter	34295.80
51.68.3	Approved Rates	Beyond Detail for 6.096 meter to 10.668 meter depth (20'-0" to 35')(Beyond 20'-0" or 6.096 m and up to IL 35'-0" or 10.668 m (cement required 6.10 Ott./ meter depth.))	Meter	41622.95
51.69.1	Approved Rates	Supplying and stacking at the site precast concrete manhole cover with steel fiber of ISI marked conforming to IS ;12592 part I of HD 20 with matching frame of class HD 20 IS 12592 part II with 875 mm external dia and clear 560 mm internal dia.	Each	1177.40
51.70.1	Approved Rates	Supplying and stacking at the site precast concrete manhole cover with steel fiber of IS marked conforming to IS ;12592 part	Each	1565.40

		I of EHD 35 with matching frame of class EHD 35 IS 12592 part II with 875 mm external dia and clear 560 mm internal dia.		
51.71.1	Approved Rates	Fixing of SFRC manhole cover and frame, 560 mm dia HD-20/EHD 35.	Each	67.50
51.72.1	Approved Rates	Plugging of the existing sewer line and Manhole with 2 Nos. MS sheet 6 mm thick with angle iron frame and braces shutters to be shut with wooden struts and filling the manhole with empty cement (PVC) bags filled up with earth up to suitable depth to avoid leakage the sewerage on the u/s side to be pumped with suitable nos. and capacity of pumps, till the work is completed so as to keep reduce the pressure to be required extent to the plugged manhole. Necessary arrangement to be made for pumping of any leakage noticed in the manhole or to re-plug in the case of heavy leakage. The steel shutters and the earth filled PVC cement bags shall be removed after the completion of work and then the manhole shall be de-silted.		
51.72.2	Approved Rates	400 mm dia to 550 mm dia	per joint	20824.10
51.72.3	Approved Rates	600 mm dia to 700 mm dia	per joint	26480.50
51.72.4	Approved Rates	800 mm dia	per joint	31465.10
51.72.5	Approved Rates	900 mm dia	per joint	35109.20
51.72.6	Approved Rates	1000 mm dia	per joint	38746.90
51.72.7	Approved Rates	1100 mm dia	per joint	42397.00
51.72.8	Approved Rates	1200 mm dia	per joint	49047.40
51.72.9	Approved Rates	1400 mm dia	per joint	64346.05
51.72.10	Approved Rates	1800 mm dia	per joint	89275.25
51.72.11	Approved Rates	2000 mm dia	per joint	100103.85
51.72.12	Approved Rates	2250 mm dia	per joint	120776.10
51.73.1	Approved Rates	Providing leak proof rocka's in 150 mm dia to 300 dia running sewer line with earth filled in empty cement (PVC) bags including remove of the same after completion of the work.	per job	764.50
51.74.1	Approved Rates	Construction of bundh with filled up earth in empty (PVC) cement bags (excluding cost of earth which will be available at site of work) including stitching/stacking placing in position and removing the same etc. Including the cost of empty	per bag	20.55

51.75.1	Approved Rates	Providing and fixing 2.0 m high corrugated GI sheet barricading with safeda ballies of 100 mm dia 2.8 meter long post 30 cm girth (min.) for CGI sheet and every 12th post to be strutted with ballies and fixing with nails etc including excavation holes size of 0.30 x 0.30 x 0.80 meters getting out the excavation soil and then returning the soil including consolidating by ramming, watering etc. disposal of surplus earth as directed within lead of 50.0, meter and lift of 1.5 meter and painting with bright red and white paint vertical strips 0.30 m wide and 1.25 m apart center to center as per drawing as directed by the Engineer -in Charge.	sqmt	51.50
51.76.1	Approved Rates	Providing and fixing 2 meter high MS sheet barricading with frame of angle iron 40 x 40 x 6 mm every post to be welded with MS channel ISLC 100 X 50 X 6.4 MM horizontal i/c making of hole in the channel for providing, embedding of 16 mm dia round torque bars in the road as per drawing. (FOR TRUNK SEWER WORKS ONLY)	per meter of 2.0 metre height	308.20
51.77.1	Approved Rates	Supplying stacking and laying of stone including packing with smaller stones and consolidating with steel rammer including spreading and consolidating of blinding material moorum or earth etc. complete (payment to be made for quantity of only stone soling used after deducting voids excluding blinding material.	Cum	2383.60
51.78.1	Approved Rates	Extra for laying stone in or under liquid mud including cost of pumping and bailing out water and removing slush etc. complete. Note: Quantity will be calculated by multiplying the depth measured from the sub soil water level up to the centre of gravity the stone soling in cu-m-executed under the sub soil water. The depth of centre of gravity shall be reckoned corrected to 0.1 meter, 0.05 meter or more shall be taken as 0.1 meter and less than 0.05 meter ignored.	Cum/meter depth	494.55
51.79.1	Approved Rates	Providing steel truss welded in built up section for supporting water main or like made of angle irons tees, flats and M.S. bars and channels welded in built up section i/c cutting hoisting and placing in position and removal of same. The item also includes welding works applying primer coat an approved brand for steel works. The work is to be carried out as per instruction of Engineer in Charge the dismantled materials will be taken by the Contractor after the completion of work and it can be reused on the same work without any extra payment.	Kg	81.95
51.80.1	Approved Rates	Close timbering in trenches including strutting, shoring packing cavities (wherever required) complete (Measurements to be taken of the face area timbered).		
51.80.2	Approved Rates	Depth exceeding 4.5 m but not exceeding 6.0 m	sqmt	220.25

51.80.3	Approved Rates	Depth exceeding 6.0 m but not exceeding 7.5 m	sqmt	226.80
51.80.4	Approved Rates	Depth exceeding 7.5 m but not exceeding 9.0 m	sqmt	253.40
51.81.1	Approved Rates	Open timbering in trenches including strutting and shoring complete (measurements to be taken of the face area timbered):		
51.81.2	Approved Rates	Depth exceeding 4.5 m but not exceeding 6.0 m	sqmt	100.40
51.81.3	Approved Rates	Depth exceeding 6.0 m but not exceeding 7.5 m	sqmt	111.85
51.81.4	Approved Rates	Depth exceeding 7.5 m but not exceeding 9.0 m	sqmt	123.20
51.82.1	Approved Rates	Close timbering in case of shafts, wells, cesspits, manholes and the like including strutting, shoring and packing cavities (wherever required) etc. complete (Measurements to be taken of the face area timbered).		
51.82.2	Approved Rates	Depth exceeding 4.5 m but not exceeding 6.0 m	sqmt	229.80
51.82.3	Approved Rates	Depth exceeding 6.0 m but not exceeding 7.5 m	sqmt	260.80
51.82.4	Approved Rates	Depth exceeding 7.5 m but not exceeding 9.0 m	sqmt	294.50
51.83.1	Approved Rates	Open timbering in case of shafts, wells, cesspits, manholes and the like including strutting, shoring and packing cavities (wherever required) etc. complete (Measurements to be taken of the face area timbered).		
51.83.2	Approved Rates	Depth exceeding 4.5 m but not exceeding 6.0 m	sqmt	108.60
51.83.3	Approved Rates	Depth exceeding 6.0 m but not exceeding 7.5 m	sqmt	125.50
51.83.4	Approved Rates	Depth exceeding 7.5 m but not exceeding 9.0 m	sqmt	142.29
51.84.1	Approved Rates	Open timbering over areas including strutting , shoring etc. complete (Measurements to be taken of the face area timbered)		
51.84.2	Approved Rates	Depth exceeding 4.5 m but not exceeding 6.0 m	sqmt	73.85
51.84.3	Approved Rates	Depth exceeding 6.0 m but not exceeding 7.5 m	sqmt	85.25
51.84.4	Approved Rates	Depth exceeding 7.5 m but not exceeding 9.0 m	sqmt	96.85
51.85.1	Approved Rates	Close timbering over areas including strutting , shoring etc. complete (Measurements to be taken of the face area timbered)		
51.85.2	Approved Rates	Depth exceeding 4.5 m but not exceeding 6.0 m	sqmt	167.40
51.85.3	Approved Rates	Depth exceeding 6.0 m but not exceeding 7.5 m	sqmt	186.00
51.85.4	Approved Rates	Depth exceeding 7.5 m but not exceeding 9.0 m	sqmt	204.60

51.86.1	Approved Rates	Providing and fixing of Kota Stone slab 20 to 25 mm thick and 100 mm wide in joints between the panels 10 mtr long of pavement / road slabs	sqmt	898.20
51.87.1	Approved Rates	<p>Constructing brick masonry manhole in cement mortar 1 :4 (1 cement: 4 coarse sand) with R.C.C. top slab with 1 :1.5:3 mix (1 cement : 1.5 coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size), foundation concrete 1 :4:8 mix (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size) , inside plastering 12 mm thick with cement mortar 1 :3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1 :2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design:</p> <p>Inside size 90x80 cm and 45 cm deep including providing and fixing at the site precast concrete manhole cover with steel fiber of IS marked conforming to IS : 12592 part I of HD 20 with matching frame of class HD 20 IS 12592 part II with 875 mm external dia and clear 560 mm internal dia. With Sewer bricks conforming to IS : 4885</p>	Each	10068.00

51 (d) Revision in rates of the items for desilting for various diameter of pipes.

Description:- Loose desilt and thoroughly clean and remove debris and objects such as boulders, bricks etc, bacteriological slimes, roots, encrustations, grease, carbonated deposit, etc from the sewer line including disposal of silt/debris/malba/objects etc to the dumping sites as per the direction of the Engineer-in charge, within the Delhi NCT area.

DJB Item Code	SOR Reference	Dia. of sewer Pipe(d)	Unit	Rate (in Rs.)
51.88.1	Approved Rates	450 mm	per meter	695.25
51.88.2	Approved Rates	500 mm	per meter	858.35
51.88.3	Approved Rates	600 mm	per meter	1236.00
51.88.4	Approved Rates	700 mm	per meter	1682.35
51.88.5	Approved Rates	800 mm	per meter	2197.35
51.88.6	Approved Rates	900 mm	per meter	2781.05
51.88.7	Approved Rates	1000 mm	per meter	3433.40
51.88.8	Approved Rates	1100 mm	per meter	4154.40
51.88.9	Approved Rates	1200 mm	per meter	4944.05
51.88.10	Approved Rates	1400 mm	per meter	6729.40
51.88.11	Approved Rates	1500 mm	per meter	7725.10
51.88.12	Approved Rates	1600 mm	per meter	8789.40
51.88.13	Approved Rates	1800 mm	per meter	11124.10
51.88.14	Approved Rates	2000 mm	per meter	13733.50
51.88.15	Approved Rates	2100 mm	per meter	15141.15
51.88.16	Approved Rates	2400 mm	per meter	19776.20

51 (e) Rates of following Non Schedule items on Water Side

DJB Item Code	SOR Reference	Description	Unit	Rate
51.89.1	Approved Rates	Providing, Supplying, Installation at site ISI Mark Cast Iron sluice valves with EPDM rubbergaskets, rubber sheet and MS nuts & bolts as per requirements, field testing and commissioning complete as per specifications, including all cost of material, providing flange joints two number, labour required, transportation upto site, loading, unloading & stacking etc. as per IS 14846 complete specifications or as directed by Engineer- in-charge. PN 1.0.		
51.89.2	Approved Rates	350mm	Each	76134.35
51.89.3	Approved Rates	400mm	Each	99925.40
51.89.4	Approved Rates	450mm	Each	119529.25
51.89.5	Approved Rates	500 mm	Each	161828.50
51.89.6	Approved Rates	600mm	Each	229329.25

51.90.1	Approved Rates	Providing, Supplying, Installation at site ISI Mark Ductile iron sluice valves with EPDM rubber gaskets, rubber sheet and MS nuts & bolts as per requirements, field testing and commissioning complete as per specifications, including all cost of material, providing flange joints two number, labour required, transportation upto site, loading, unloading & stacking etc. as per IS 14846 specifications or as directed by Engineer-in-charge. PN 1.0.		
51.90.2	Approved Rates	350mm	Each	214399.50
51.90.3	Approved Rates	400mm	Each	350278.80
51.90.4	Approved Rates	450mm	Each	464086.55
51.90.5	Approved Rates	500 mm	Each	527152.35
51.90.6	Approved Rates	600 mm	Each	797284.20
51.91.1	Approved Rates	Providing & fixing fire hydrant of size 63 mm of approval brand with bolts and nuts and rubber insertion etc complete (tail pieces if required will be paid separately)	Each	7281.35
51.92.1	Approved Rates	Providing and fixing G.I Pipes (medium) with fittings for external works including trenching and refilling complete in all respect as directed by Engineer-In - Charge.		
51.92.2	Approved Rates	100 mm dia	Rm	2129.20
51.92.3	Approved Rates	150 mm dia	Rm	3227.55

51.93.1	Approved Rates	Providing, laying and jointing Medium Density Poly ethylene (MOPE) pipe s conforming to latest ISO 4427 including fittings conforming to latest ISO 14236 manufactured from virgin resin of minimum PE 80 Food grade compounded raw material having Blue Colour and having pressure rating PN16, with quality assurance certificate from agencies as approved by Engineer -in- charge, for usage in Drinking Water complete in all respect as per direction of Engineer-in-charge		
51.93.2	Approved Rates	20 mm nominal outer diameter (OD)	Rm	33.50
51.93.3	Approved Rates	25 mm nominal outer diameter (OD)	Rm	53.25
51.93.4	Approved Rates	32 mm nominal outer diameter (OD)	Rm	82.70
51.93.5	Approved Rates	40 mm nominal outer diameter (OD)	Rm	128.90
51.93.6	Approved Rates	50 mm nominal outer diameter (OD)	Rm	199.80
51.93.7	Approved Rates	63 mm nominal outer diameter (OD)	Rm	318.85
51.93.8	Approved Rates	75 mm nominal outer diameter (OD)	Rm	448.10
51.93.9	Approved Rates	90 mm nominal outer diameter (OD)	Rm	646.20
51.94.1	Approved Rates	Ultrasonic testing of welded joints by NOT level II qualified Engineers' and reporting at site.	Rm	200.00
51.95.1	Approved Rates	DISMANTLING JOINTS Providing and Fixing Mild Steel Dismantling Joints of pressure rating PN 1.6 with both side flange end suitable for installation in between flange end pipes.		
51.95.2	Approved Rates	100 mm nominal dia.	Each	7364.35
51.95.3	Approved Rates	125 mm nominal dia.	Each	8733.50
51.95.4	Approved Rates	150 mm nominal dia.	Each	11472.50

51.95.5	Approved Rates	200 mm nominal dia.	Each	14348.05
51.95.6	Approved Rates	250 mm nominal dia.	Each	21121.30
51.95.7	Approved Rates	300 mm nominal dia.	Each	25331.30
51.95.8	Approved Rates	350 mm nominal dia.	Each	35298.15
51.95.9	Approved Rates	400 mm nominal dia.	Each	47091.70
51.95.10	Approved Rates	450 mm nominal dia	each	55654.45
51.95.11	Approved Rates	500 mm nominal dia	each	67181.55
51.95.12	Approved Rates	600 mm nominal dia	each	82525.25
51.95.13	Approved Rates	700 mm nominal dia	each	107792.70
51.95.14	Approved Rates	800 mm nominal dia	each	140940.05
51.95.15	Approved Rates	900 mm nominal dia	each	157916.95
51.95.16	Approved Rates	1000 mm nominal dia	each	204853.90
51.95.17	Approved Rates	1100 mm nominal dia	each	262108.90
51.95.18	Approved Rates	1200 mm nominal dia	each	322483.30
51.95.19	Approved Rates	1400 mm nominal dia	each	465923.55
51.95.20	Approved Rates	1500 mm nominal dia	each	529421.10
51.96.1	Approved Rates	EXPANSION JOINTS (BELLOWS)		
	Approved Rates	Providing and Fixing Expansion Joints of pressure rating PN 1.6 with SA240 TP 304 bellows, SA240 TP 304 inner protective sleeve, flange joints, IS 2062 Gr B fix flanges and lugs, etc including all cost of material, labour required, transportation upto site, loading, unloading & stacking, complete as per specifications or as directed by Engineer-In -Charge.		
51.96.2	Approved Rates	100 mm nominal dia	each	5775.10

51.96.3	Approved Rates	150 mm nominal dia	each	7190.25
51.96.4	Approved Rates	200 mm nominal dia	each	8944.50
51.96.5	Approved Rates	250 mm nominal dia	each	12402.25
51.96.6	Approved Rates	300 mm nominal dia	each	20016.85
51.96.7	Approved Rates	350 mm nominal dia	each	23432.85
51.96.8	Approved Rates	400 mm nominal dia	each	39950.10
51.96.9	Approved Rates	450 mm nominal dia	each	42904.35
51.96.10	Approved Rates	500 mm nominal dia	each	47528.40
51.96.11	Approved Rates	600 mm nominal dia	each	69888.80
51.96.12	Approved Rates	700 mm nominal dia	each	102322.20
51.96.13	Approved Rates	750 mm nominal dia	each	113916.40
51.96.14	Approved Rates	800 mm nominal dia	each	162867.10
51.96.15	Approved Rates	900 mm nominal dia	each	180576.35
51.96.16	Approved Rates	1000 mm nominal dia	each	200381.40
51.96.17	Approved Rates	1100 mm nominal dia	each	219035.05
51.96.18	Approved Rates	1200 mm nominal dia	each	241311.40
51.96.19	Approved Rates	1400 mm nominal dia	each	270060.30
51.96.20	Approved Rates	1500 mm nominal dia	each	300060.85
51.97.1	Approved Rates	Cast Iron Detachable (CID) Joint		
	Approved Rates	Providing and laying cast iron detachable joints to asbestos cement pressure pipes and plain ended Class 15 C.I. specials with collars rubber rings, flanges, bolts and nuts etc. complete, including testing of joints.		
51.97.2	Approved Rates	100 mm diameter pipe		865.30
51.97.3	Approved Rates	150 mm diameter pipe		1078.55

51.97.4	Approved Rates	200 mm diameter pipe		1762.00
51.97.5	Approved Rates	250 mm diameter pipe		2319.65
51.97.6	Approved Rates	300 mm diameter pipe		2791.20
51.98.1	Approved Rates	Providing Mild Steel Pipes fabricated/ manufactured out of MS plates of steel grade Fe 410 as per IS : 3589 - 2001 or out of HR coils of same/ equivalent grade; internally lined with cement mortar conforming to IS 3589:2001; and having external/ outside epoxy coating; complete in all respect; with upto date amendments in relevant IS codes and as directed by Engineer- In-Charge.		
51.98.2	Approved Rates	150 mm nominal dia (clear internal dia.) pipe of 4.5 mm thickness (min.), 6 mm internal cement mortar lining and outside epoxy coating.	meter	2081.10
51.98.3	Approved Rates	200 mm nominal dia (clear internal dia.) pipe of 5 mm thickness (min.), 6 mm internal cement mortar lining and outside epoxy coating.	meter	2954.75
51.98.4	Approved Rates	250 mm nominal dia (clear internal dia.) pipe of 5 mm thickness (min.), 6 mm internal cement mortar lining and outside epoxy coating.	meter	3636.65
51.98.5	Approved Rates	300 mm nominal dia (clear internal dia.) pipe of 5 mm thickness (min.), 6 mm internal cement mortar lining and outside epoxy coating.	meter	4325.45

51.98.6	Approved Rates	350 mm nominal dia (clear internal dia.) pipe of 6 mm thickness (min.), 7 mm internal cement mortar lining and outside epoxy coating.	meter	5920.45
51.98.7	Approved Rates	400 mm nominal dia (clear internal dia.) pipe of 6 mm thickness (min.), 7 mm internal cement mortar lining and outside epoxy coating.	meter	6732.65
51.98.8	Approved Rates	450 mm nominal dia (clear internal dia.) pipe of 6 mm thickness (min.), 7 mm internal cement mortar lining and outside epoxy coating.	meter	7543.35
51.98.9	Approved Rates	500 mm nominal dia (clear internal dia.) pipe of 6 mm thickness (min.) , 7 mm internal cement mortar lining and outside epoxy coating.	meter	8337.75
51.98.10	Approved Rates	600 mm nominal dia (clear internal dia.) pipe of 8 mm thickness (min.), 7 mm internal cement mortar lining and outside epoxy coating.	meter	12659.95
51.98.11	Approved Rates	700 mm nominal dia (clear internal dia.) pipe of 8 mm thickness (min.), 9 mm internal cement mortar lining and outside epoxy coating.	meter	15063.70
51.98.12	Approved Rates	800 mm nominal dia (clear internal dia.) pipe of 8 mm thickness (min.), 9 mm internal cement mortar lining and outside epoxy coating..	meter	17132.30
51.98.13	Approved Rates	900 mm nominal dia (clear internal dia.) pipe of 10 mm	meter	23256.15

		thickness (min .), 9 mm internal cement mortar lining and outside epoxy coating.		
51.98.14	Approved Rates	1000 mm nominal dia (clear internal dia.) pipe of 10 mm thickness (min.), 9 mm internal cement mortar lining and outside epoxy coating.	meter	25783.90
51.98.15	Approved Rates	1050 mm nominal dia (clear internal dia.) pipe of 10 mm thickness (min.), 9 mm internal cement mortar lining and outside epoxy coating.	meter	27036.95
51.98.16	Approved Rates	1100 mm nominal dia (clear internal dia.) pipe of 10 mm thickness (min.), 9 mm internal cement mortar lining and outside epoxy coating.	meter	28280.85
51.98.17	Approved Rates	1200 mm nominal dia (clear internal dia.) pipe of 12 mm thickness (min.), 12 mm internal cement mortar lining and outside epoxy coating.	meter	37293.05
51.98.18	Approved Rates	1400 mm nominal dia (clear internal dia.) pipe of 12 mm thickness (min.), 12 mm internal cement mortar lining and outside epoxy coating.	meter	43339.50
51.98.19	Approved Rates	1500 mm nominal dia (clear internal dia.) pipe of 12 mm thickness (min.), 12 mm internal cement mortar lining and outside epoxy coating.	meter	46347.95
51.99.1	Approved Rates	Providing Mild Steel Pipes fabricated/ manufactured out of MS plates of steel grade Fe 410 as per IS :		

		3589 - 2001; internally lined with cement mortar confirming to IS 3589:2001; and having external/ outside epoxy coating; complete in all respect; with upto date amendments in relevant IS codes and as directed by Engineer- In-Charge.		
51.99.2	Approved Rates	1600 mm nominal dia (clear internal dia.) pipe of 16 mm thickness (min.) , 12 mm internal cement mortar lining and outside epoxy coating.	meter	63526.20
51.99.3	Approved Rates	1800 mm nominal dia (clear internal dia.) pipe of 16 mm thickness (min .), 12 mm internal cement mortar lining and outside epoxy coating.	meter	71270.90
51.100.1	Approved Rates	Providing Mild Steel Specials fabricated/ manufactured out of MS plate of steel grade Fe 410 as per IS 3589:2001 or out of HR coils of same/ equivalent grade; internally lined with cement mortar confirming to IS 3589:2001; and having external/outside epoxy coating; complete in all respect; with up to date amendments in relevant IS codes and as directed by Engineer-In-Charge.		
51.100.2	Approved Rates	150 mm nominal dia (clear internal dia) specials of 4.5 mm thickness (min), 6 mm internal cement mortar lining and outside epoxy coating.	Kilogram	84.60

51.100.3	Approved Rates	200 mm nominal dia (clear internal dia) specials of 5 mm thickness (min.), 6 mm internal cement mortar lining and outside epoxy coating.	Kilogram	84.80
51.100.4	Approved Rates	250 mm nominal dia (clear internal dia) specials of 5 mm thickness (min.), 6 mm internal cement mortar lining and outside epoxy coating.	Kilogram	84.65
51.100.5	Approved Rates	300 mm nominal dia (clear internal dia) specials of 5 mm thickness (min.), 6 mm internal cement mortar lining and outside epoxy coating..	Kilogram	84.65
51.100.6	Approved Rates	350 mm nominal dia (clear internal dia) specials of 6 mm thickness (min.), 7 mm internal cement mortar lining and outside epoxy coating.	Kilogram	83.30
51.100.7	Approved Rates	400 mm nominal dia (clear internal dia) specials of 6 mm thickness (min.), 7 mm internal cement mortar lining and outside epoxy coating.	Kilogram	83.35
51.100.8	Approved Rates	450 mm nominal dia (clear internal dia) specials of 6 mm thickness (min.), 7 mm internal cement mortar lining and outside epoxy coating.	Kilogram	83.40
51.100.9	Approved Rates	500 mm nominal dia (clear internal dia) specials of 6 mm thickness (min.), 7 mm internal cement mortar lining and outside epoxy coating.	Kilogram	83.25
51.100.10	Approved Rates	600 mm nominal dia (clear internal dia) specials of 8	Kilogram	84.15

		mm thickness (min.), 7 mm internal cement mortar lining and outside epoxy coating.		
51.100.11	Approved Rates	700 mm nominal dia (clear internal dia) specials of 8 mm thickness (min.), 9 mm internal cement mortar lining and outside epoxy coating.	Kilogram	81.45
51.100.12	Approved Rates	800 mm nominal dia (clear internal dia) specials of 8 mm thickness (min.), 9 mm internal cement mortar lining and outside epoxy coating.	Kilogram	81.35
51.100.13	Approved Rates	900 mm nominal dia (clear internal dia) specials of 10 mm thickness (min.), 9 mm internal cement mortar lining and outside epoxy coating.	Kilogram	82.29
51.100.14	Approved Rates	1000 mm nominal dia (clear internal dia) specials of 10 mm thickness (min.), 9 mm internal cement mortar lining and outside epoxy coating.	Kilogram	82.29
51.100.15	Approved Rates	1050 mm nominal dia (clear internal dia) specials of 10 mm thickness (min.), 9 mm internal cement mortar lining and outside epoxy coating.	Kilogram	82.29
51.100.16	Approved Rates	1100 mm nominal dia (clear internal dia) specials of 10 mm thickness (min.), 9 mm internal cement mortar lining and outside epoxy coating.	Kilogram	82.35
51.100.17	Approved Rates	1200 mm nominal dia (clear internal dia) specials of 12 mm thickness (min.), 12 mm internal cement mortar	Kilogram	80.95

		lining and outside epoxy coating.		
51.100.18	Approved Rates	1400 mm nominal dia (clear internal dia) specials of 12 mm thickness (min.), 12 mm internal cement mortar lining and outside epoxy coating.	Kilogram	80.90
51.100.19	Approved Rates	1500 mm nominal dia (clear internal dia) specials of 12 mm thickness (min.), 12 mm internal cement mortar lining and outside epoxy coating.	Kilogram	80.85
51.101.1	Approved Rates	Providing Mild Steel Specials fabricated/ manufactured out of MS plate of steel grade Fe 410 as per IS 3589:2001; internally lined with cement mortar confirming to IS 3589:2001; and having external/outside epoxy coating; complete in all respect; with up to date amendments in relevant IS codes and as directed by Engineer-In-Charge.		
51.101.2	Approved Rates	1600 mm nominal dia (clear internal dia) specials of 16 mm thickness (min.), 12 mm internal cement mortar lining and outside epoxy coating.	Kilogram	82.15
51.101.3	Approved Rates	1800 mm nominal dia (clear internal dia) specials of 16 mm thickness (min.), 12 mm internal cement mortar lining and outside epoxy coating.	Kilogram	82.10
51.102.1	Approved Rates	Providing Mild Steel Pipes fabricated/ manufactured out of MS plate of steel grade Fe 410 as per IS 3589		

		: 2001 or out of HR coils of same/equivalent grade; coated internally with food grade epoxy and externally/ outside with epoxy coating; complete in all respect; with up to date amendments in relevant IS codes and as directed by Engineer-In-Charge.		
51.102.2	Approved Rates	150 mm nominal dia (clear internal dia.) pipes of 4.5 mm thickness (min.), internally coated with food grade epoxy coating and external/outside epoxy coating	meter	1912.05
51.102.3	Approved Rates	200 mm nominal dia (clear internal dia.) pipes of 5 mm thickness (min). internally coated with food grade epoxy coating and external/ outside epoxy coating	meter	2761.65
51.102.4	Approved Rates	250 mm nominal dia (clear internal dia.) pipes of 5 mm thickness (min.) internally coated with food grade epoxy coating and external/outside epoxy coating	meter	3440.60
51.102.5	Approved Rates	300 mm nominal dia (clear internal dia.) pipes of 5 mm thickness (min.) internally coated with food grade epoxy coating and external/outside epoxy coating	meter	4110.85
51.102.6	Approved Rates	350 mm nominal dia (clear internal dia.) pipes of 6 mm thickness (min.) internally coated with food grade epoxy coating and external/outside epoxy coating	meter	5568.90

51.102.7	Approved Rates	400 mm nominal dia (clear internal dia.) pipes of 6 mm thickness (min.) internally coated with food grade epoxy coating and external/outside epoxy coating	meter	6358.25
51.102.8	Approved Rates	450 mm nominal dia (clear internal dia.) pipes of 6 mm thickness (min.) internally coated with food grade epoxy coating and external/outside epoxy coating	meter	7140.60
51.102.9	Approved Rates	500 mm nominal dia (clear internal dia.) pipes of 6 mm thickness (min.) internally coated with food grade epoxy coating and external/outside epoxy coating	meter	7923.10
51.102.10	Approved Rates	600 mm nominal dia (clear internal dia.) pipes of 8 mm thickness (min.) internally coated with food grade epoxy coating and external/outside epoxy coating	meter	12135.70
51.102.11	Approved Rates	700 mm nominal dia (clear internal dia.) pipes of 8 mm thickness (min.) internally coated with food grade epoxy coating and external/outside epoxy coating	meter	14127.00
51.102.12	Approved Rates	800 mm nominal dia (clear internal dia.) pipes of 8 mm thickness (min.) internally coated with food grade epoxy coating and external/outside epoxy coating	meter	16111.85
51.102.13	Approved Rates	900 mm nominal dia (clear internal dia.) pipes of 10 mm thickness (min.)	meter	22073.45

		internally coated with food grade epoxy coating and external/outside epoxy coating		
51.102.14	Approved Rates	1000 mm nominal dia (clear internal dia.) pipes of 10 mm thickness (min.) internally coated with food grade epoxy coating and external/outside epoxy coating	meter	24517.20
51.102.15	Approved Rates	1050 mm nominal dia (clear internal dia.) pipes of 10 mm thickness (min.) internally coated with food grade epoxy coating and external/outside epoxy coating	meter	25728.25
51.102.16	Approved Rates	1100 mm nominal dia (clear internal dia.) pipes of 10mm thickness (min.) internally coated with food grade epoxy coating and external/outside epoxy coating	meter	2693 9.35
51.102.17	Approved Rates	1200 mm nominal dia (clear internal dia.) pipes of 12 mm thickness (min.) internally coated with food grade epoxy coating and external/outside epoxy coating	meter	34595.70
51.102.18	Approved Rates	1400 mm nominal dia (clear internal dia.) pipes of 12 mm thickness (min.) internally coated with food grade epoxy coating and external/outside epoxy coating	meter	40303.40
51.102.19	Approved Rates	1500 mm nominal dia (clear internal dia.) pipes of 12 mm thickness (min.) internally coated with food grade epoxy coating and	meter	43147.15

		external/outside epoxy coating		
51.103.1	Approved Rates	Providing Mild Steel Pipes fabricated/ manufactured out of MS plate of steel grade Fe 410 as per IS 3589:2001; coated internally with food grade epoxy and externally/ outside with epoxy coating; complete in all respect; with up to date amendments in relevant IS codes and as directed by Engineer-In-Charge.		
51.103.2	Approved Rates	1600 mm nominal dia (clear internal dia.) pipes of 16 mm thickness (min.) internally coated with food grade epoxy coating and external/outside epoxy coating	meter	59960.35
51.103.3	Approved Rates	1800 mm nominal dia (clear internal dia.) pipes of 16 mm thickness (min.) internally coated with food grade epoxy coating and external/outside epoxy coating	meter	67361.65
51.104.1	Approved Rates	Providing Mild Steel specials fabricated/ manufactured out of MS plate of steel grade Fe 410 as per IS 3589:2001 or out of HR coils of same/equivalent grade; coated internally with food grade epoxy and externally/ outside with epoxy coating; complete in all respect; with up to date amendments in relevant IS codes and as directed by Engineer-In-Charge.		

51.104.2	Approved Rates	150 mm nominal dia (clear internal dia.) specials of 4.5 mm thickness (min.) internally coated with food grade epoxy coating and external/outside epoxy coating	kilogram	111.50
51.104.3	Approved Rates	200 mm nominal dia (clear internal dia.) specials of 5 mm thickness (min.) internally coated with food grade epoxy coating and external/outside epoxy coating	kilogram	109.25
51.104.4	Approved Rates	250 mm nominal dia (clear internal dia.) specials of 5 mm thickness (min.) internally coated with food grade epoxy coating and external/outside epoxy coating	kilogram	109.45
51.104.5	Approved Rates	300 mm nominal dia (clear internal dia.) specials of 5 mm thickness (min.) internally coated with food grade epoxy coating and external/outside epoxy coating	kilogram	109.30
51.104.6	Approved Rates	350 mm nominal dia (clear internal dia.) specials of 6 mm thickness (min.) internally coated with food grade epoxy coating and external/outside epoxy coating	kilogram	105.70
51.104.7	Approved Rates	400 mm nominal dia (clear internal dia.) specials of 6 mm thickness (min.) internally coated with food grade epoxy coating and external/outside epoxy coating	kilogram	105.85
51.104.8	Approved Rates	450 mm nominal dia (clear internal dia.) specials of 6	kilogram	105.85

		mm thickness (min .) internally coated with food grade epoxy coating and external / outside epoxy coating		
51.104.9	Approved Rates	500 mm nominal dia (clear internal dia.) special s of 6 mm thickness (min.) internally coated with food grade epoxy coating and external/ outside epoxy coating	kilogram	105.80
51.104.10	Approved Rates	600 mm nominal dia (clear internal dia.) specials of 8 mm thickness (min.) internally coated with food grade epoxy coating and external/ outside epoxy coating	kilogram	101.15
51.104.11	Approved Rates	700 mm nominal dia (clear internal dia.) spe cials of 8 mm thickness (min.) internally coated with food grade epoxy coating and external/outside epoxy coating	kilogram	101.15
51.104.12	Approved Rates	800 mm nominal dia (clear internal dia.) speci als of 8 mm thickness (min.) internally coated with food grade epoxy coating and external/outside epoxy coating	kilogram	101.05
51.104.13	Approved Rates	900 mm nominal dia (clear internal dia.) specials of 10 mm thickness (min.) internally coated with food grade epoxy coating and external/outside epoxy coating	kilogram	98.35
51.104.14	Approved Rates	1000 mm nominal dia (clear internal dia.) specials of 10 mm thickness (min.) internally coated with food	kilogram	98.45

		grade epoxy coating and external/outside epoxy coating		
51.104.15	Approved Rates	1050 mm nominal dia (clear internal dia.) specials of 10 mm thickness (min.) internally coated with food grade epoxy coating and external/outside epoxy coating	kilogram	98.40
51.104.16	Approved Rates	1100 mm nominal dia (clear internal dia.) specials of 10 mm thickness (min.) internally coated with food grade epoxy coating and external/outside epoxy coating	kilogram	98.40
51.104.17	Approved Rates	1200 mm nominal dia (clear internal dia.) specials of 12 mm thickness (min.) internally coated with food grade epoxy coating and external/ outside epoxy coating	kilogram	96.45
51.104.18	Approved Rates	1400 mm nominal dia (clear internal dia.) specials of 12 mm thickness(min.) internally coated with food grade epoxy coating and external/outside epoxy coating	kilogram	96.45
51.104.19	Approved Rates	1500 mm nominal dia (clear internal dia.) specials of 12 mm thickness (min.) internally coated with food grade epoxy coating and external / outside epoxy coating	kilogram	96.45
51.105.1	Approved Rates	Providing Mild Steel specials fabricated/ manufactured out of MS plate of steel grade Fe 410 as per IS 3589 :2001; coated internally with food grade epoxy and externally/ outside with epoxy coating;		

		complete in all respect; with up to date amendments in relevant IS codes and as directed by Engineer-In-Charge.		
51.105.2	Approved Rates	1600 mm nominal dia (clear internal dia.) specials of 16 mm thickness (min.) internally coated with food grade epoxy coating and external/outside epoxy coating	kilogram	94.05
51.105.3	Approved Rates	1800 mm nominal dia (clear internal dia.) specials of 16 mm thickness (min.) internally coated with food grade epoxy coating and external / outside epoxy coating	kilogram	94.00
51.106.1	Approved Rates	Providing Mild Steel Pipes fabricated/ manufactured out of MS plate of steel grade Fe 410 as per IS 3589:2001 or out of HR coils of same/ equivalent grade; internally lined with cement mortar lining confirming to IS 3589:2001; and having external/outside 4 mm coal tar coating and wrapping confirming to IS: 10221-2008; complete in all respect; with up to date amendments in relevant IS codes and as directed by Engineer-In-Charge.		
51.106.2	Approved Rates	150 mm nominal dia (clear internal dia) pipes of 4.5mm thickness (min) and 6 mm thick internal cement mortar lining and exterior/outside 4 mm coaltar coating and wrapping	meter	2267.15
51.106.3	Approved Rates	200 mm nominal dia (clear internal dia) pipes of 5 mm thickness (min) and 6 mm thick internal cement mortar lining and exterior/outside 4 mm coaltar coating and	meter	3191.95

		wrapping		
51.106.4	Approved Rates	250 mm nominal dia (clear internal dia) pipes of 5 mm thickness (min) and 6 mm thick internal cement mortar lining and exterior/outside 4 mm coaltar coating and wrapping	meter	3931.15
51.106.5	Approved Rates	300 mm nominal dia (clear internal dia) pipes of 5 mm thickness (min) and 6 mm thick internal cement mortar lining. and exterior/outside 4 mm coaltar coating and wrapping	meter	4670.1
51.106.6	Approved Rates	350 mm nominal dia (clear internal dia) pipes of 6 mm thickness (min) and 7 mm thick internal cement mortar lining. and exterior/outside 4 mm coaltar coating and wrapping	meter	6322.85
51.106.7	Approved Rates	400 mm nominal dia (clear internal dia) pipes of 6 mm thickness (min) and 7 mm thick internal cement mortar lining. and exterior/outside 4 mm coaltar coating and wrapping	meter	7185.00
51.106.8	Approved Rates	450 mm nominal dia (clear internal dia) pipes of 6 mm thickness (min) and 7 mm thick internal cement mortar lining. and exterior/outside 4 mm coaltar coating and wrapping	meter	8045.65
51.106.9	Approved Rates	500 mm nominal dia (clear internal dia) pipes of 6 mm thickness (min) and 7 mm thick internal cement mortar lining. and exterior/outside 4 mm coaltar coating and wrapping	meter	8898.00
51.106.10	Approved Rates	600 mm nominal dia (clear internal dia) pipes of 8 mm thickness (min) and 7 mm thick internal cement mortar lining. and exterior/outside 4 mm coaltar coating and wrapping	meter	13324.50
51.106.11	Approved	700 mm nominal dia (clear internal dia) pipes of 8 mm thickness (min) and 7 mm thick internal cement mortar lining. and exterior/outside 4 mm coaltar coating and wrapping	meter	15836.85

	Rates	internal dia) pipes of 8 mm thickness (min) and 9 mm thick internal cement mortar lining. and exterior/outside 4 mm coaltar coating and wrapping		
51.106.12	Approved Rates	800 mm nominal dia (clear internal dia) pipes of 8 mm thickness (min) and 9 mm thick internal cement mortar lining. and exterior/outside 4 mm coaltar coating and wrapping	meter	18014.85
51.106.13	Approved Rates	900 mm nominal dia (clear internal dia) pipes of 10 mm thickness (min) and 9 mm thick internal cement mortar lining and exterior/outside 4 mm coaltar coating and wrapping	meter	24241.55
51.106.14	Approved Rates	1000 mm nominal dia (clear internal dia) pipes of 10 mm thickness (min) and 9 mm thick internal cement mortar lining and exterior/outside 4 mm coaltar coating and wrapping	meter	26878.35
51.106.15	Approved Rates	1050 mm nominal dia (clear internal dia) pipes of 10 mm thickness (min) and 9 mm thick internal cement mortar lining and exterior/outside 4 mm coaltar coating and wrapping	meter	28180.90
51.106.16	Approved Rates	1100 mm nominal dia (clear internal dia) pipes of 10 mm thickness (min) and 9 mm thick internal cement mortar lining and exterior/outside 4 mm coaltar coating and wrapping	meter	29483.75
51.106.17	Approved Rates	1200 mm nominal dia (clear internal dia) pipes of 12 mm thickness (min) and	meter	38604.60

		12 mm thick internal cement mortar lining and exterior/outside 4 mm coal tar coating and wrapping		
51.106.18	Approved Rates	1400 mm nominal dia (clear internal dia) pipes of 12 mm thickness (min) and 12 mm thick internal cement mortar lining and exterior/outside 4 mm coal tar coating and wrapping	meter	44858.60
51.106.19	Approved Rates	1500 mm nominal dia (clear internal dia) pipes of 12 mm thickness (min) and 12 mm thick internal cement mortar lining and exterior/outside 4 mm coal tar coating and wrapping	meter	47976.60
51.107.1	Approved Rates	Providing Mild Steel Pipes fabricated/ manufactured out of MS plate of steel grade Fe 410 as per IS 3589:2001; internally lined with cement mortar lining confirming to IS 3589:2001; and having external/outside 4 mm coal tar coating and wrapping confirming to IS: 10221-2008; complete in all respect; with up to date amendments in relevant IS codes and as directed by Engineer-In-Charge.		
51.107.2	Approved Rates	1600 mm nominal dia (clear internal dia) pipes of 16 mm thickness (min) and 12 mm thick internal cement mortar lining and exterior/outside 4 mm coal tar coating and	meter	65272.70

		wrapping		
51.107.3	Approved Rates	1800 mm nominal dia (clear internal dia) pipes of 16 mm thickness (min) and 12 mm thick internal cement mortar lining and exterior/outside 4 mm coaltar coating and wrapping	meter	73225.45
51.108.1	Approved Rates	Providing Mild Steel Specials fabricated/manufactured out of MS plate of steel grade Fe 410 as per IS 3589:2001 or out of HR coils of same/equivalent grade; internally lined with cement mortar lining confirming to IS 3589:2001; and having external/outside 4 mm coaltar coating and wrapping confirming to IS: 10221 -2008; complete in all respect; with up to date amendments in relevant IS codes and as directed by Engineer-In-Charge. These rates are excluding excise duty component .		
51.108.2	Approved Rates	150 mm nominal dia {clear internal dia} specials of 4.5 mm thickness (min) and 6 mm thick internal cement mortar lining. And exterior/outside 4 mm coaltar coating and wrapping	Kilogram	92.15
51.108.3	Approved Rates	200 mm nominal dia (clear internal dia) specials of 5 mm thickness (min) and 6 mm thick internal cement mortar lining, and exterior/ outside 4 mm coaltar coating and wrapping	kilogram	91.60
51.108.4	Approved Rates	250 mm nominal dia (clear internal dia) specials of 5 mm thickness (min) and 6 mm thick internal cement mortar lining. and exterior/outside 4 mm coaltar coating and wrapping	kilogram	91.50
51.108.5	Approved Rates	300 mm nominal dia (clear internal dia) specials of 5 mm thickness (min) and 6 mm thick internal cement mortar lining. and exterior/outside 4 mm coaltar coating and wrapping	kilogram	91.40
51.108.6	Approved	350 mm nominal dia {clear internal dia}	kilogram	88.95

	Rates	specials of 6 mm thickness (min) and 7 mm thick internal cement mortar lining. and exterior/outside 4 mm coaltar coating and wrapping		
51.108.7	Approved Rates	400 mm nominal dia (clear internal dia) specials of 6 mm thickness (min) and 7 mm thick internal cement mortar lining. and exterior/outside 4 mm coaltar coating and wrapping	kilogram	88.95
51.108.8	Approved Rates	450 mm nominal dia (clear internal dia) specials of 6 mm thickness (min) and 7 mm thick internal cement mortar lining. and exterior / outside 4 mm coaltar coating and wrapping	kilogram	88.95
51.108.9	Approved Rates	500 mm nominal dia (clear internal dia) specials of 6 mm thickness (min) and 7 mm thick internal cement lining and exterior / outside 4 mm coaltar coating and wrapping.	kilogram	88.85
51.108.10	Approved Rates	600 mm nominal dia (clear internal dia) specials of 8 mm thickness (min) and 7 mm thick internal cement mortar lining. and exterior/outside 4 mm coaltar coating and wrapping	kilogram	88.55
51.108.11	Approved Rates	700 mm nominal dia (clear internal dia) specials c mm thickness (min) and 9 mm thick internal cem mortar lining. and exterior/outside 4 mm coa coating and wrapping	kilogram	85.65
51.108.12	Approved Rates	800 mm nominal dia (clear internal dia) specials of 8 mm thickness (min) and 9 mm thick internal cement mortar lining. and exterior/outside 4 mm coaltar coating and wrapping	kilogram	85.55
51.108.13	Approved Rates	900 mm nominal dia (clear internal dia) specials of 10 mm thickness (min) and 9 mm thick internal cement mortar lining. and exterior / outside 4 mm coaltar coating and wrapping	kilogram	85.85

51.108.14	Approved Rates	1000 mm nominal dia (clear internal dia) specials of 10 mm thickness (min) and 9 mm thick internal cement mortar lining, and exterior / outside 4 mm coaltar coating and wrapping	kilogram	85.90
51.108.15	Approved Rates	1050 mm nominal dia (clear internal dia) specials of 10 mm thickness (min) and 9 mm thick internal cement mortar lining, and exterior / outside 4 mm coaltar coating and wrapping	kilogram	85.90
51.108.16	Approved Rates	1100 mm nominal dia (clear internal dia) specials of 10 mm thickness (min) and 9 mm thick internal cement mortar lining, and exterior/outside 4 mm coaltar coating and wrapping	kilogram	85.85
51.108.17	Approved Rates	1200 mm nominal dia (clear internal dia) specials of 12 mm thickness (min) and 12 mm thick internal cement mortar lining, and exterior/outside 4 mm coaltar coating and wrapping	kilogram	83.75
51.108.18	Approved Rates	1400 mm nominal dia (clear internal dia) specials of 12 mm thickness (min) and 12 mm thick internal cement mortar lining, and exterior/outside 4 mm coaltar coating and wrapping	kilogram	83.75
51.108.19	Approved Rates	1500 mm nominal dia (clear internal dia) specials of 12 mm thickness (min) and 12 mm thick internal cement mortar lining and exterior / outside 4 mm coaltar coating and wrapping.	kilogram	83.70
51.109.1	Approved Rates	Providing Mild Steel Specials fabricated/ manufactured out of MS plate of steel grade Fe410 as per IS 3589:2001 ; internally lined with cement mortar lining confirming to IS 3589:2001; and having		

		external/outside 4 mm coal tar coating and wrapping confirming to IS: 10 221-2008; complete in all respect; with up to date amendments in relevant IS codes and as directed by Engineer-In-Charge. These rates are excluding excise duty component.		
51.109.2	Approved Rates	1600 mm nominal dia (clear internal dia) specials of 16 mm thickness (min) and 12 mm thick internal cement mortar lining. and exterior / outside 4 mm coal tar coating and Wrapping	kilogram	84.40
51.109.3	Approved Rates	1800 mm nominal dia (clear internal dia) specials of 16 mm thickness (min) and 12 mm thick internal cement mortar lining. and exterior/outside 4 mm coal tar coating and wrapping	kilogram	84.35

51(f) Rates of non-schedule items water side

DJB Item Code	SOR Reference	Description of Items	Unit	Rate in Rs.
51.110	Approved Rates	Providing, laying & jointing of HDPE Electro-Fusion Fittings of PN - IG pressure rating, compliant to BS EN 12201: part 3, SDR 1.1(maximum), suitable for drinking water, manufactured from compounded material of grade PE-80/ PE-100 in black colour and compatible with HDPE pipes for which used; inclusive of all cost such as testing, all central & state taxes, inspection charges, transportation, loading, unloading, stacking at site etc. complete in all respect as per directions of engineer-in charge.		
51.110.1		Coupler		
51.110.2	Approved Rates	110 mm Nominal outer diameter (OD)	Each	459.20
51.110.3	Approved Rates	125 mm Nominal outer diameter (OD)	Each	661.65
51.110.4	Approved Rates	140 mm Nominal outer diameter (OD)	Each	784.30
51.110.5	Approved Rates	160 mm Nominal outer diameter (OD)	Each	937.10
51.110.6	Approved Rates	180 mm Nominal outer diameter (OD)	Each	1221.05
51.110.7	Approved Rates	200 mm Nominal outer diameter (OD)	Each	1465.85
51.110.8	Approved Rates	225 mm Nominal outer diameter (OD)	Each	1814.95
51.110.9	Approved Rates	250 mm Nominal outer diameter (OD)	Each	2196.95
51.110.10	Approved Rates	280 mm Nominal outer diameter (OD)	Each	2753.45
51.110.11	Approved Rates	315 mm Nominal outer diameter (OD)	Each	3621.50
51.111.1	Approved Rates	Equal-Tee		
51.111.2	Approved Rates	110 mm Nominal outer diameter (OD)	Each	859.25
51.111.3	Approved Rates	125 mm Nominal outer diameter (OD)	Each	1390.40
51.111.4	Approved Rates	140 mm Nominal outer diameter (OD)	Each	2131.60
51.111.5	Approved Rates	160 mm Nominal outer diameter (OD)	Each	3285.20
51.111.6	Approved Rates	180 mm Nominal outer diameter (OD)	Each	5370.00
51.111.7	Approved Rates	200 mm Nominal outer diameter (OD)	Each	6631.60
51.111.8	Approved Rates	225 mm Nominal outer diameter (OD)	Each	8654.45
51.111.9	Approved Rates	250 mm Nominal outer diameter (OD)	Each	12226.10
51.111.10	Approved Rates	280 mm Nominal outer diameter (OD)	Each	14744.05
51.111.11	Approved Rates	315 mm Nominal outer diameter (OD)	Each	20131.65
51.112.1	Approved Rates	Elbow 90 degree		
51.112.2	Approved Rates	110 mm Nominal outer diameter (OD)	Each	789.70
51.112.3	Approved Rates	125 mm Nominal outer diameter (OD)	Each	1390.40
51.112.4	Approved Rates	140 mm Nominal outer diameter (OD)	Each	1766.35
51.112.5	Approved Rates	160 mm Nominal outer diameter (OD)	Each	2850.35
51.112.6	Approved Rates	180 mm Nominal outer diameter (OD)	Each	3868.80

51.112.7	Approved Rates	200 mm Nominal outer diameter (OD)	Each	4770.55
51.112.8	Approved Rates	225 mm Nominal outer diameter (OD)	Each	6236.80
51.112.9	Approved Rates	250 mm Nominal outer diameter (OD)	Each	8712.70
51.112.10	Approved Rates	280 mm Nominal outer diameter (OD)	Each	10445.25
51.112.11	Approved Rates	315 mm Nominal outer diameter (OD)	Each	14085.55
51.113.1		Elbow 45 degree		
51.113.2	Approved Rates	110 mm Nominal outer diameter (OD)	Each	1407.80
51.113.3	Approved Rates	125 mm Nominal outer diameter (OD)	Each	2061.10
51.113.4	Approved Rates	140 mm Nominal outer diameter (OD)	Each	2666.75
51.113.5	Approved Rates	160 mm Nominal outer diameter (OD)	Each	4014.35
51.113.6	Approved Rates	180 mm Nominal outer diameter (OD)	Each	4968.60
51.113.7	Approved Rates	200 mm Nominal outer diameter (OD)	Each	5830.20
51.113.8	Approved Rates	225 mm Nominal outer diameter (OD)	Each	8235.70
51.113.9	Approved Rates	250 mm Nominal outer diameter (OD)	Each	10292.80
51.113.10	Approved Rates	280 mm Nominal outer diameter (OD)	Each	15978.95
51.114.1		End Cap		
51.114.2	Approved Rates	110 mm Nominal outer diameter (OD)	Each	580.95
51.114.3	Approved Rates	125 mm Nominal outer diameter (OD)	Each	899.80
51.114.4	Approved Rates	140 mm Nominal outer diameter (OD)	Each	1088.00
51.114.5	Approved Rates	160 mm Nominal outer diameter (OD)	Each	1284.95
51.114.6	Approved Rates	180 mm Nominal outer diameter (OD)	Each	1586.30
51.114.7	Approved Rates	200 mm Nominal outer diameter (OD)	Each	1987.65
51.114.8	Approved Rates	225 mm Nominal outer diameter (OD)	Each	2510.65
51.114.9	Approved Rates	250 mm Nominal outer diameter (OD)	Each	3762.30
51.114.10	Approved Rates	280 mm Nominal outer diameter (OD)	Each	4823.25
51.114.11	Approved Rates	315 mm Nominal outer diameter (OD)	Each	6491.40
51.115.1		Reducer		
51.115.2	Approved Rates	110 x 75 mm Nominal outer diameter (OD)	Each	841.85
51.115.3	Approved Rates	110 x 90 mm Nominal outer diameter (OD)	Each	681.00
51.115.4	Approved Rates	125 x 90 mm Nominal outer diameter (OD)	Each	755.80
51.115.5	Approved Rates	140 x 90 mm Nominal outer diameter (OD)	Each	1470.65
51.115.6	Approved Rates	160 x 110 mm Nominal outer diameter (OD)	Each	1937.90
51.115.7	Approved Rates	180 x 125 mm Nominal outer diameter (OD)	Each	2699.45
51.115.8	Approved Rates	200 x 160 mm Nominal outer diameter (OD)	Each	3421.90
51.115.9	Approved Rates	225 x 160 mm Nominal outer diameter (OD)	Each	4033.25
51.115.10	Approved Rates	250 x 225 mm Nominal outer diameter (OD)	Each	6545.25
51.115.11	Approved Rates	280 x 250 mm Nominal outer diameter (OD)	Each	8493.20
51.115.12	Approved Rates	315 x 250 mm Nominal outer diameter	Each	10057.00

		(OD)		
51.116.1	Approved Rates	Providing house service connection from water distribution main of nominal size 100mm/ 1J0mm diameter upto water meter, which includes providing and fixing of DI strap saddle having outer body of ductile iron, seal/gasket of EPDM, strap with integrated bolt of stainless steel, nut and washer of carbon steel etc., having total minimum weight of 1.5 kg, hex nipple of 8 mm bore size (55304) and female threaded metal insert elbow of SS 304, female threaded adopter with <i>one</i> sided compression, GI pipe of Class 'B' confirming to relevant IS Code of 15 mm nominal bore with all fittings upto 1.5 m length for above ground portion and MDPE pipe of minimum PE 80 grade, PN 16, size of 20 mm OD up to 4 meter length with all fittings i/c compression elbow in underground portion, including tapping and boring in new water distribution main; complete in all respect as per the directions of Engineer-In Charge . (Items to be used after approval of competent authority.)	Each	2139.95
51.117.1	Approved Rates	Shifting of house service connection from old to new water distribution main of nominal size 100mm/ 1.10mm diameter upto water meter which includes providing and fixing of DI strap saddle having outer body of ductile iron, seal/gasket of EPDM, strap with integrated bolt of stainless steel, nut and washers of carbon steel etc., having total minimum weight of 1.5 kg, hex nipple of 8 mm bore size (SS304) and female threaded metal insert elbow of SS 304, female threaded adopter with one sided compression, GI pipe of Class 'B' confirming to relevant IS Code of 15 mm nominal bore with all fittings upto 1.5 m length for above ground and MDPE pipe, of minimum PE 80 grade, PN 16, size of 20 mm OD upto 4 m length with all fittings i/c compression elbow in underground portion, including tapping and boring in new water distribution main and disconnection of existing house service connection from old water distribution main and plugging	Each	2710.25

		bore hole, depositing all dismantled material i.e. ferrule, house service connection pipe and fittings etc. in the care of department; complete in all respect as per the directions of Engineer-in-charge		
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Part- II

Repair & Maintenance

(Valid upto 31.03.2023)

CHAPTER-1

CENTRINGFUGAL PUMPS

1 (a) RATES FOR SPARES OF Kirloskar Brothers Limited (KBL) MAKE MULTI STAGE DSM100/36 SERIES CLEAR WATER PUMP:-

(Rates are inclusive of CP, cartage and exclusive of GST)

DJB Item Code	SOR Reference	Particulars	Unit	Rates Rs.
1.1.1	OEM Rates	Impeller I stage - CI	Each	24724
1.1.2	OEM Rates	Impeller II Stage - CI	Each	24724
1.1.3	OEM Rates	Pump Shaft – CS	Each	4872
1.1.4	OEM Rates	Wear Ring – CI	Each	1941
1.1.5	OEM Rates	Shoulder Ring – MS	Each	355
1.1.6	OEM Rates	Inter stage Ring - CI	Each	761
1.1.7	OEM Rates	S/o Gland – CI	Each	571
1.1.8	OEM Rates	Lantern Ring - CI	Each	318
1.1.9	OEM Rates	Liquid Deflector – NTR	Each	305
1.1.10	OEM Rates	Bearing Cartridge – CI	Each	2817
1.1.11	OEM Rates	Bearing Cover – CI	Each	748
1.1.12	OEM Rates	Shaft Sleeve DE & NDE-CI	Each	1142
1.1.13	OEM Rates	Shaft Sleeve NUT – LT BR	Each	1053
1.1.14	OEM Rates	Throat Bush – CI	Each	648
1.1.15	OEM Rates	Top & Bottom Assembly – CI	Each	148324
LABOUR CHARGES				
1.2.1		Dismantling of upper casing of pump at site, taking out the rotating assembly from lower casing i/c to and fro cartage from site to works and back etc. As reqd.	Each	10476
1.2.2		Dismantling of rotating assembly at works i/c overhauling, fixing of parts and reassembling of rotating assembly at works.	Each	9180
1.2.3		Reinstallation of rotating assembly in lower casing after cleaning / descaling the wear ring and insert sizes in lower and upper casing sizes at site, refixing the upper casing, testing and commissioning etc. as reqd.	Each	13068
1.2.4		Dynamical balancing of impeller (only in case of old impeller being used)	Each	9936

RATES FOR SPARES OF KBL MAKE END SUCTION SHL SERIES SEWAGE PUMP

(Rates are inclusive of CP, cartage and exclusive of GST)

DJB Item Code	SOR Reference	Particulars	Unit	Pump Models Rates Rs.		
				SHL250/40	SHL250/50	SHIL300/55
1.3.1	OEM Rates	Impeller – CI	Each	62592	67109	99559
1.3.2	OEM Rates	Impeller – CF8M	Each	216802	239206	289963
1.3.3	OEM Rates	Pump Shaft – CS	Each	48359	48359	48359
1.3.4	OEM Rates	Pump Shaft – SS410	Each	76318	76318	76318
1.3.5	OEM Rates	Casing Wear Ring - CI	Each	24154	28822	31816
1.3.6	OEM Rates	Suction Cover – CI	Each	61399	64001	70509
1.3.7	OEM Rates	Casing Cover – CI	Each	51645	58000	68136
1.3.8	OEM Rates	Lantern Ring – CI	Each	2348	2348	2348
1.3.9	OEM Rates	Split Gland – CI	Each	2473	2473	2473
1.3.10	OEM Rates	Liquid Deflector – CI	Each	2220	2220	2220
1.3.11	OEM Rates	Bearing Housing – CI	Each	95576	95576	95576
1.3.12	OEM Rates	Bearing Cover – DE-CI	Each	4681	4681	4681
1.3.13	OEM Rates	Bearing Cover – NDE-CI	Each	2563	2563	2563
1.3.14	OEM Rates	Shaft Sleeve – SS410	Each	15274	15274	15274
1.3.15	OEM Rates	Impeller Nut – SS410	Each	3425	3425	3425
1.3.16	OEM Rates	Stuffing Box Bush – CI	Each	3704	4110	4363
1.3.17	OEM Rates	Helicoil Insert – SS304	Each	735	735	735
LABOUR CHARGES						
1.4.1		Dismantling of pump at site, i/c to and fro cartage fro site to works and back etc. As reqd.	Each	26136	32724	52272
1.4.2		Dismantling of pump at works i/c overhauling, fixing of	Each	19656	26136	39204

	parts and reassembling of pump at works				
1.4.3	Reinstallation of pump sets at site making realignment of pump with motor, testing, commissioning etc. as reqd.	Each	32724	39204	58860
1.4.4	Dynamical balancing of impeller (only in case of old impeller being used)	Each	18792	18792	37368



RATES FOR SPARES OF KBL MAKE END SUCTION SHL350/65 SERIES SEWAGE PUMP
(Rates are inclusive of CP, cartage and exclusive of GST)

DJB Item Code	SOR Reference	Particulars	Unit	Rates Rs.
1.5.1	OEM Rates	Shaft – CS	Each	156069
1.5.2	OEM Rates	SPLIT Gland – CI	Each	13855
1.5.3	OEM Rates	Lantern Ring – CI	Each	7340
1.5.4	OEM Rates	Liquid Deflector – CI	Each	7446
1.5.5	OEM Rates	Bearing Cover – DE-CI	Each	10230
1.5.6	OEM Rates	Bearing Cover – NDE-CI	Each	9525
1.5.7	OEM Rates	Shaft Sleeve – SS410	Each	39721
1.5.8	OEM Rates	Impeller NUT-SS410	Each	10856
1.5.9	OEM Rates	ST Box BUSH-CI	Each	10383
LABOUR CHARGES				
1.6.1		Dismantling of upper casing of pump at site, taking out the rotating assembly from lower casing i/c to and fro cartage of pump from site to works and back etc. As reqd.	Each	52272
1.6.2		Dismantling of pump at works i/c overhauling, fixing of parts and reassembling of rotating assembly at works.	Each	39204
1.6.3		Reinstallation of pump at site making realignment of pump with motor testing and commissioning etc. as reqd.	Each	58860
1.6.4		Dynamical balancing of impeller (only in case of old impeller being used)	Each	37368

RATES FOR SPARES OF KBL MAKE SPLIT CASE SCT350/66 CLEAR WATER SERIES PUMP

(Rates are inclusive of CP, cartage and exclusive of GST)

DJB Item Code	SOR Reference	Particulars	Unit	Rates Rs.
1.7.1	OEM Rates	Impeller - Bronze	Each	1115616
1.7.2	OEM Rates	Pump Shaft – SS410	Each	187203
1.7.3	OEM Rates	Wear Ring – SS410	Each	95648
1.7.4	OEM Rates	Split Gland – CI	Each	6631
1.7.5	OEM Rates	Gland Plate – MS	Each	1850
1.7.6	OEM Rates	Lantern Ring – Bronze	Each	7647
1.7.7	OEM Rates	Liquid Deflector – CI	Each	4371
1.7.8	OEM Rates	Bearing Housing – DE-CI	Each	69612
1.7.9	OEM Rates	Shaft Sleeve – DE-Bronze	Each	97981
1.7.10	OEM Rates	Shaft Sleeve – NDE- Bronze	Each	97981
1.7.11	OEM Rates	Insert-DE-CI	Each	42070
1.7.12	OEM Rates	Insert-NDE-CI	Each	44405
1.7.13	OEM Rates	Bearing Cover NDE-CI	Each	6372
1.7.14	OEM Rates	Bearing Cover DE-CI	Each	6372
LABOUR CHARGES				
1.8.1		Dismantling of pump at site, taking out the rotating assembly from lower casing i/c to and fro cartage from site to works and back etc. As reqd.	Each	32724
1.8.2		Dismantling of rotating assembly at works i/c overhauling, fixing of parts and reassembling of rotating assembly at works.	Each	19656
1.8.3		Reinstallation of rotating assembly in lower casing after cleaning / descaling the wear ring and insert sizes in lower and upper casing sizes at site, refixing the upper casing, testing and commissioning etc. as reqd.	Each	39204
1.8.4		Dynamical balancing of impeller (only in case of old impeller being used)	Each	41580

RATES FOR SPARES OF KBL MAKE SPLIT CASE UP-OLD SERIES CLEAR WATER PUMP
(Rates are inclusive of CP, cartage and exclusive of GST)

DJB Item Code	SOR Reference	Particulars	Pump Models Rates Rs.										
			Unit	10 UPH-2	10 UPH-3	12 UPH-1	12 UPH-3	14 UPH-3	12 UPH-3	16 UPH-1	16 UPH-2	UP350/54	
1.9.1	OEM Rates	Impeller-CI	Each	39023	45061	42182	61692	88065	102426	0	0	0	117216
1.9.2	OEM Rates	Impeller-LT BR	Each	148476	260175	193029	317327	417532	410099	0	0	0	604344
1.9.3	OEM Rates	Impeller-SSCA 15	Each	146282	210992	234019	282947	369338	373981	0	0	0	614995
1.9.4	OEM Rates	Shaft CW & CCW-CS	Each	13054	34506	34226	49132	48968	103808	107830	107830	0	38385
1.9.5	OEM Rates	Shaft CW & CCW-SS410	Each	37563	93876	90831	118207	115506	230860	0	0	0	0
1.9.6	OEM Rates	Casing Wearing Ring (SUCT)-CI	Each	6153	5963	12433	14171	146264	25245	31842	31842	0	15985
1.9.7	OEM Rates	Casing Wearing Ring	Each	21440	44642	57149	82053	111383	116939	0	0	0	38529

1.9.8	OEM Rates	(SUC T)-LT BR	Each	6153	5963	12433	14171	146264	25245	0	0	0	
1.9.9	OEM Rates	Casing Wearing Ring (DEL) -CI	Each	21440	44642	57214	82053	111383	116939	0	0	0	
1.9.10	OEM Rates	SPLIT Lanter n Ring - CI	Each	1320	888	1320	888	888	888	7249	7249	2292	
1.9.11	OEM Rates	Split Gland-CI	Each	1434	1941	1434	3489	3489	2576	0	0	1459	
1.9.12	OEM Rates	Liquid Deflector-NTR	Each	241	508	508	583	583	686	0	0	559	
1.9.13	OEM Rates	Bearing Holder DE-CI	Each	2258	13625	5329	11646	11646	19308	25828	25828	#VALUE!	
1.9.14	OEM Rates	Bearing Holder NDE-	Each	2258	13625	5329	11646	11646	19308	25828	25828	#VALUE!	

	CI	Each	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	
1.9.15	OEM Rates	Each	1560	2625	2296	3717	3717	3717	7104	0	0	26475	
1.9.16	OEM Rates	Each	1560	2625	2296	3717	3717	3717	7104	0	0	1838	
1.9.17	OEM Rates	Each	1560	2625	2296	3717	3717	3717	7104	0	0	1838	
1.9.18	OEM Rates	Each	2448	7890	4466	12356	12356	12356	12964	0	0	15985	
1.9.19	OEM Rates	Each	9844	37182	22276	55704	55704	55704	49092	65135	65135	44124	
1.9.20	OEM Rates	Each	10352	41674	23380	58418	58418	58418	64268	0	0	38935	
1.9.21	OEM Rates	Each	1675	2905	1675	2905	2905	2905	2905	21711	21711	0	

1.9.22	OEM Rates	Shaft Sleeve NUT-LH-LT BR	Each	1675	2905	1675	2905	2905	2905	2905	2905	21711	21711	0
1.9.23	OEM Rates	TOP and Bottom ASSLY	Each	260316	303688	392135	577058	723086	790080	0	0	0	0	0
LABOUR CHARGES														
1.10.1	Dismantling of upper casing of pump at site, taking out the rotating assembly from lower casing i/c to and frocartage from site to works and back etc. As reqd.		Each	32724	32724	32724	32724	32724	32724	32724	32724	39204	39204	39204
1.10.2	Dismantling of pump sets at works i/c overhauling, fixing of parts and reassembling of rotating assembly at		Each	13068	13068	13068	13068	13068	13068	13068	13068	19656	19656	19656

RATES FOR SPARES OF KBL MAKE SPLIT CASE UP-M SERIES CLEAR WATER PUMPS
(Rates are inclusive of CP, cartage and exclusive of GST)

DJB Item Code	SOR Reference	Particulars	Pump Models Rates Rs.										
			Unit	UP50/ 30A	UP50/ 30B	UP80/30	UP80/38	UP100/ 35	UP100/ 38	UP125/ 30A	UP125/ 30B		
1.11.1	OEM Rates	IMPELLER-CI	Each	12716	13270	15502	14817	209822	21693	20006	19638		
1.11.2	OEM Rates	IMPELLER-ITBR	Each	40747	40747	66195	64648	67045	88751	78792	78476		
1.11.3	OEM Rates	PUMP SHAFT - CCW-CS	Each	10554	10554	10554	10554	14589	15210	10909	10909		
1.11.4	OEM Rates	PUMP SHAFT - CCW-SS316	Each	40341	40341	40341	40341	60436	62909	41230	41230		
1.11.5	OEM Rates	PUMP SHAFT - CCW-SS410	Each	19448	19448	19448	19448	31778	33085	23165	23165		
1.11.6	OEM Rates	WEAR RING-CI	Each	761	761	1243	1243	1243	1434	1320	1320		

1.11.7	OEM Rates	SHOULDER RING-CI	Each	216	216	293	293	241	293	293	293	293
1.11.8	OEM Rates	GLAND-CI	Each	305	305	406	406	558	686	406	406	406
1.11.9	OEM Rates	LANTERN RING-NYLON	Each	216	216	293	293	318	318	293	293	293
1.11.10	OEM Rates	LIQUID DEFLECTOR -NTR		152	152	165	165	165	241	165	165	165
1.11.11	OEM Rates	Bearing Housing - DE-CI	Each	648	648	761	761	1218	1243	761	761	761
1.11.12	OEM Rates	Bearing Housing - NDE-CI	Each	648	648	888	888	1218	1243	888	888	888
1.11.13	OEM Rates	Shaft Sleeve - CI	Each	1307	1307	1382	1382	1472	1472	1382	1382	1382
1.11.14	OEM Rates	Shaft Sleeve -	Each	8132	8132	8423	8423	13244	13992	8423	8423	8423

		SS316																	
1.11.15	OEM Rates	Shaft Sleeve – SS410	Each	6369	6369	6470	6470	6952	7232	6470	6470	6470	6470	6470	6470	6470	6470	6470	6470
1.11.16	OEM Rates	Insert – DE-CI	Each	2703	2703	7992	7992	8766	9147	7992	7992	8664	8664	8664	8664	8664	8664	8664	8664
1.11.17	OEM Rates	Insert – NDE-CI	Each	2703	2703	7992	7992	8766	9147	7992	7992	8664	8664	8664	8664	8664	8664	8664	8664
LABOUR CHARGES																			
1.12.1	Dismantling of upper casing of pump at site, taking out the rotating assembly from lower casing i/c to and fro cartage from site to works and back etc. As reqd.	Each	7128	7128	7128	7128	7128	7128	7128	7128	7128	7128	7128	7128	7128	7128	7128	7128	7128
1.12.2	Dismantling of rotating assembly at works overhauling, fixing of parts and reassembling of rotating	Each	5940	5940	5940	5940	5940	5940	5940	5940	5940	5940	5940	5940	5940	5940	5940	5940	5940

RATES FOR SPARES OF KBL MAKE SPLIT CASE UP SERIES CLEAR WATER PUMPS
(Rates are inclusive of CP, cartage and exclusive of GST)

DJB Item Code	SOR Reference	Particulars	Unit	Pump Models Rates Rs.									
				UP150/26N	UP150/38A	UP150/38B	UP150/380	UP200/3	UP200/38	UP200/30	UP250/8	UP200/4	UP200/5
1.13.1	OEM Rates	IMPEL LER-CI	Each	25779	27948	27669	33123	33783	33516	35571	42117	42117	95842
1.13.2	OEM Rates	IMPEL LER-LT BR	Each	108908	153425	119782	138556	157750	161468	161492	190848	190848	258793
1.13.3	OEM Rates	PUMP SHAFT - CCW-CS	Each	21237	15210	15210	22569	22569	22569	22569	26298	26298	36167
1.13.4	OEM Rates	PUMP SHAFT - CCW-SS316	Each	78246	62909	62909	78755	78755	78755	78755	124589	124589	155733
1.13.5	OEM Rates	PUMP SHAFT - CCW-SS410	Each	36561	33085	33085	41191	41191	41191	41191	65472	65472	81850
1.13.6	OEM Rates	WEAR RING-CI	Each	1434	1434	1434	1801	2614	1801	2817	2817	2817	2817
1.13.7	OEM Rates	SHOULDER RING-CI	Each	293	293	293	293	293	293	293	508	508	508
1.13.8	OEM Rates	GLAND-CI	Each	686	686	686	686	686	686	686	838	838	838

1.13.16	OEM Rates	INSER T - DE- CI	Each	9147	9147	9147	9147	9147	9805	11405	9805	11405	15795	15795	15795
1.13.17	OEM Rates	INSER T- NDE- CI	Each	9147	9147	9147	9147	9147	9805	11405	9805	11405	15795	15795	15795
LABOUR CHARGES															
1.14.1	Dismantling of upper casing of pump at site, taking out the rotating assembly from lower casing i/c to and fro cartage from site to works and back etc. As reqd.		Each	7884	7884	7884	7884	7884	10476	10476	10476	10476	32724	32724	32724
1.14.2	Dismantling of rotating assembly at works i/c overhauling, fixing of parts and reassembling of rotating assembly at works.		Each	7884	7884	7884	7884	7884	9180	9180	9180	9180	13068	13068	13068

1.14.3	Reinstallation of rotating assembly in lower casing after cleaning / decaling the wear ring and in surt sizes in lower and upper casing sizes at site, refixing the upper casing, testing and commissioning etc. as reqd.	Each	10476	10476	10476	10476	10476	10476	10476	10476	13068	13068	13068	13068	13068	13068	35640	19656
1.14.4	Dynamical balancing of impeller (only in case of old impeller being used)	Each	7452	7452	7452	7452	7452	9936	9936	9936	9936	9936	9936	9936	9936	9936	18792	24948

RATES FOR SPARES OFFKBL MAKE END SUCTION SHM SERIES SEWAGE PUMPS
(Rates are inclusive of CP, cartage and exclusive of GST)

DJB Item Code	SOR Reference	Particulars	Unit	Pump Models Rates Rs.										
				SHM5 0/26	SHM 80/26	SHM 100/26	SHM 100/32	SHM 150/26	SHM15 0/32	SHM 150/40	SHM 150/50	SHM 200/32		
1.15.1	OEM Rates	Impeller for N&P impellers CI	Each	12522	14754	16479	18992	17697	19333	25461	50211	21172		
1.15.2	OEM Rates	Impeller for N&P Impellers LT BR	Each	52304	52605	71714	76699	83360	84780	123967	135588	89855		
1.15.3	OEM Rates	Impeller for N&P Impellers CF8M	Each	54283	56605	69101	86797	85389	95665	150011	166211	120631		
1.15.4	OEM Rates	Pump Shaft – CS	Each	3197	3197	5722	5722	5722	9350	9350	14919	9350		
1.15.5	OEM Rates	Pump Shaft – SS316	Each	23037	23037	30307	30307	47624	47624	47624	69772	47624		
1.15.6	OEM Rates	Pump Shaft –	Each	17723	17723	22289	22289	33542	33542	33542	443792	33542		

	SS410																			
1.15.7	OEM Rates	Each	532	799	1104	1104	1801	1801	1801	1801	1801	1801	1801	3248	2841					
1.15.8	OEM Rates	Each	8894	8894	8894	9350	9933	14412	23482	4804	14412									
1.15.9	OEM Rates	Each	508	508	583	583	686	686	686	838	686				686					
1.15.10	OEM Rates	Each	571	571	761	761	1066	1066	1066	2841	1066				1066					
1.15.11	OEM Rates	Each	266	266	266	266	355	355	355	508	355				355					
1.15.12	OEM Rates	Each	7599	7599	10796	10796	15756	15756	15756	48968	15756				15756					
1.15.13	OEM Rates	Each	1700	1700	2157	2157	2614	2614	2614	5036	2614				2614					
1.15.14	OEM Rates	Each	355	355	532	532	951	951	951	1307	951				951					

1.15.15	OEM Rates	Shaft Sleeve - SS410	Each	2866	2866	8308	8308	8816	8816	8816	11823	8816
1.15.16	OEM Rates	Stuffing Box Bush-CI	Each	318	318	634	634	735	735	735	1002	735
1.15.17	OEM Rates	Helical Insert - SS304	Each	368	368	558	558	735	735	735		735
LABOUR CHARGES												
1.16.1	Dismantling of pump at site i/c 2 and fro cartage from site to works and back etc. As reqd.		Each	5184	6480	6480	6480	9180	9180	9180	9180	9180
1.16.2	Dismantling of pump at works i/c overhauling, fixing of parts and reassembling of pump at works.		Each	5184	6480	6480	9180	9180	10476	10476	10476	10476
1.16.3	Reinstallation of pump at site making realignment of pump with		Each	5184	6480	7900	7900	9700	9700	9700	9700	9700

	motor testing commissioning etc. As required																		
1.16.4	Dynamical balancing of impeller (only in case of old impeller being used)	Each	6264	6264	6264	6264	6264	6264	6264	7452	7452	7452	7452	7452	7452	7452	7452	7452	7452

RATES FOR SPARES OF KBL MAKE END SUCTION MF SERIES SEWAGE PUMPS
(Rates are inclusive of CP, cartage and exclusive of GST)

DJB Item Code	SOR Reference	Particulars	Pump Models Rates Rs.										
			Unit	MF 25 /25	MF25/30	MF30/35	MF35/5	MF35/3	MF35/40	MF40/40	MF40/45	MF40/50	
1.17.1	OEM Rates	Impeller Mixed Flow-CI	Each	23925	27325	40367	57163	57163	57163	85098	85098	85098	165666
1.17.2	OEM Rates	Impeller Mixed Flow – CF8M	Each	140509	144747	187651	280512	280512	280512	336774	336774	336774	592942
1.17.3	OEM Rates	Pump Shaft – CS	Each	14030	14030	18483	18483	18483	18483	35888	35888	35888	55552
1.17.4	OEM Rates	Pump Shaft – SS410	Each	64191	64191	84667	84667	84667	84667	164816	164816	164816	258920
1.17.5	OEM Rates	Shoulder Ring – CS	Each	521	521	686	686	686	686	1256	1256	1256	1700
1.17.6	OEM Rates	Suction cover – CS	Each	32298	32298	37741	48029	48029	48029	78804	78804	78804	119502
1.17.7	OEM Rates	Gland – CI	Each	1369	1369	1865	1865	1865	1865	2804	2804	2804	3590
1.17.8	OEM Rates	Lantern Ring - CI	Each	862	862	1269	1269	1269	1269	1421	1421	1421	1725
1.17.9	OEM Rates	Liquid Deflector – CS	Each	673	673	914	914	914	914	1053	1053	1053	1725

1.17.10	OEM Rates	BRG Housing-CI	Each	22466	22466	31753	31753	31753	31753	46430	46430	96261
1.17.11	OEM Rates	Cartridge -CI	Each	4263	4263	5024	5024	5024	5024	9412	9412	16136
1.17.12	OEM Rates	BRG. Cover D.E.-CI	Each	2348	2348	2651	2651	2651	2651	3704	3704	10732
1.17.13	OEM Rates	BRG. Cover NDE-CI	Each	1002	1002	1459	1459	1459	1459	1852	1852	2791
1.17.14	OEM Rates	Thrust BRG Adapter-CS	Each	2638	2638	3044	3044	3044	3044	3527	3527	6292
1.17.15	OEM Rates	Shaft Sleeve Pump Side – SS410	Each	11798	11798	14094	14094	14094	14094	30194	30194	72754
1.17.16	OEM Rates	Impeller NUT-SS410	Each	3590	3590	4225	4225	4225	4225	8994	8994	15375
1.17.17	OEM Rates	Stuffing Box Bush – CI	Each	NA	NA	NA	NA	NA	2030	2208	2208	6926
1.17.18	OEM Rates	Compression Spring – Spring	Each	190	190	190	190	190	190	190	190	190
LABOUR CHARGES												

1.18.1	Dismantling of pump at site, i/c to and fro cartage from site to works and back etc. As reqd.	Each	13068	13068	19656	19656	19656	19656	26136	26136	32724
1.18.2	Dismantling of pump at works i/c overhauling, fixing of parts and reassembling of pump at works.	Each	10476	10476	13068	13068	19656	19656	19656	26136	26136
1.18.3	Reinstallation of pump at site making realignment of pump with motor testing commissioning etc. As required	Each	19656	19656	26136	26136	39204	39204	39204	45792	45792
1.18.4	Dynamical balancing of impeller (only in case of old impeller being used)	Each	12528	12528	18792	18792	24948	24948	24948	37368	37368

1 (b) RATES OF SPARES FOR M & P MAKE SEWAGE PUMP MODELS AKN-BKN-CKN SERIES:-
(Rates are inclusive of CP & cartage and exclusive of GST)

DJB Item Code	SOR Reference	Particulars	Unit	PUMP MODELS Rates Rs.											
				8/10 AKN	12/12 AKN	8/10 BKN	10/12 BKN	12/16 BKN	14/16 BKN	15/16 BKN	8/10 CKN	10/12 CKN	14/16 CKN		
1.19.1	OEM Rates	Shaft (SS-410)	Each	24785	20018	21947	34395	38875	33033	59441	32805	58306	92863		
1.19.2	OEM Rates	Shaft (EN-8)	Each	15765	12690	13934	21919	21222	21039	38027	20894	37295	50774		
1.19.3	OEM Rates	Sleeve (SS-410)	Each	4312	3803	4312	6129	6129	6129	12712	6129	9363	15355		
1.19.4	OEM Rates	Impeller (CF8)	Each	174303	186711	272386	371650	366332	394398	540636	351561	449052	484503		
1.19.5	OEM Rates	Impeller Nut (CF8 M)	Each	15823	6329	16615	22912	11473	20966	32438	12263	38429	53403		
1.19.6	OEM Rates	Logging ring (CI)	Each	1855	1237	1855	2473	2473	2473	1670	2473	1670	4329		
1.19.7	OEM Rates	Gland	Each	4329	3092	4329	6680	6680	12368	4204	6680	4204	9276		

1.19.8	OEM Rates	(CI)	Each	9276	9401	9276	8929	8929	8929	21644	8929	21644	21644	21644
LABOUR														
1.20.1	OEM Rates	Taking out the back pullout assembly from the pump after complete closing of suction & delivery valves, decoupling from motor end. Cutting	each	13500	16200	13500	16200	24300	24300	27000	13500	16200	24300	24300

1.20.2	OEM Rates	of all rusted studs & nut bolts with gas cutter as reqd. And taking out the pump upto floor level	each	8100	9180	8100	9180	9180	8100	9180	9180	9180
		Isolation of the suction & delivery system by fixing dead flange on pump casing.										
1.20.3	OEM Rates	Dismantling of back pullout	each	13500	15120	13500	15120	16200	13500	15120	16200	16200

		g/Reins tallatio n of the back pullout assembl y in the pump casing at site after removi ng the dead flange from suction & deliver y pipe line, fixing the couplin g tighteni ng the complet e body of pump and making realign													
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1.20.7	ment with motor.	each	7560	7560	7560	7560	7560	7560	7560	7560	7560	7560	7560	7560	7560	7560
1.20.8	To &fro cartage i/c loading and unloading	each	9180	9180	9180	9180	9180	9180	9180	9180	9180	9180	9180	9180	9180	9180
	Testing the pump set on no load & on full load.	each	9180	9180	9180	9180	9180	9180	9180	9180	9180	9180	9180	9180	9180	9180

RATES OF SPARES FOR M & P MAKE SEWAGE PUMP MODELS SW/KN SERIES:-
(Rates are inclusive of CP & cartage and exclusive of GST)

PUMP MODELS
Rates Rs.

DJB Item Code	SOR Reference	Particulars	Unit	150-200x400 SW	12/12 SW	450/400 SW	500/500 SW	20/24 SW	500/600 SW	600/675 SW	24/30 KN SW	32/32 KN/SW	30/36 KN-SW
1.21.1	OEM Rates	Shaft (SS-410)	Each	14583	18198	48208	73382	51642	52329	127315	103842	219050	215694
1.21.2	OEM Rates	Shaft (EN-8)	Each	9394	11537	30810	47832	33573	34066	68382	56806	116315	128896
1.21.3	OEM Rates	Sleeve (SS-410)	Each	1875	3456	31160	24414	11351	29265	56081	35051	55232	60364
1.21.4	OEM Rates	Shaft Impeller (CF8)	Each	211244	169737	596230	580217	844977	726680	988622	1380480	1588547	2174406
1.21.5	OEM Rates	Impeller Nut (CF8 M)	Each	4525	5754	35962	30171	41485	37714	68638	68326	68936	64144
1.21.6	OEM Rates	Logging ring (CI)	Each	1488	1124	7871	4121	2862	8014	9616	9445	5725	3825
1.21.7	OEM Rates	Gland (CI)	Each	1603	2811	13492	12822	7441	13738	20148	19789	19463	11762
1.21.8	OEM Rates	Bearing End	Each	7212	8545	21025	25758	17630	22520	23182	22769	48083	29192

		Cover FE+D E Side (CI)																
LABOUR																		
1.22.1	OEM Rates	each	12960	16200	27000	33480	33480	37800	37800	37800	37800	37800	37800	37800	37800	37800	37800	51840
		Taking out the back pullout assem bly from the pump after compl ete closin g of suctio n &deliv ery valves, decou pling from motor end. Cuttin g of all rusted studs & nut																

1.22.2	OEM Rates	bolts with gas cutter as reqd. And taking out the pump upto floor level	each	6480	91180	10260	11340	11340	11880	11880	11880	11880	11880	13500
1.22.3	OEM Rates	Disassembly of back pullout assembly i/c	each	10800	15120	19980	24300	24300	24300	24300	24300	24300	24300	33480

1.22.4	OEM Rates	taking out parts such as bearing sleeve, impeller hosing at work as reqd.	each	19440	25920	43200	43200	43200	43200	43200	51840	51840	51840	51840	59400	59400	81000
1.22.5	OEM Rates	Dynamical balance	Each	27000	32400	48600	48600	453600	48600	48600	51840	51840	51840	51840	59400	59400	59400

1.22.6	OEM Rates	ing of rotating assembly	Each	15120	28080	37800	43200	43200	43200	43200	43200	43200	43200	60480
		Refixing /Reinstallation of the back pullout assembly in the pump casing at site after removing the dead flange from suction & delivery pipe line, fixing the												

1.22.7	OEM Rates	coupling tightening the complete body of pump and making realignment with motor.	Each	6480	7560	7560	11880	11880	11880	11880	11880	16200	16200
1.22.8	OEM Rates	Testing the pump set on no load & on full load.	Each	8100	9180	10260	10800	10800	10800	11880	11880	11880	11880

RATES OF SPARES FOR M & P MAKE SEWAGE PUMP MODELS SK SERIES:-
(Rates are inclusive of CP & cartage and exclusive of GST)

PUMP MODELS
Rates Rs.

DJB Item Code	SOR Reference	Particulars	Unit	100/26 SK	150/26 SK
1.23.1	OEM Rates	Shaft (SS-410)	Each	4484	8736
1.23.2	OEM Rates	Shaft (EN-8)	Each	3718	7239
1.23.3	OEM Rates	Sleeve (SS-410)	Each	1509	2646
1.23.4	OEM Rates	Shaft Impeller (CI)	Each	18789	21921
1.23.5	OEM Rates	Impeller Nut (CF8M)	Each	1800	2335
1.23.6	OEM Rates	Logging ring (CI)	Each	437	1365
1.23.7	OEM Rates	Gland (CI)	Each	527	833
1.23.8	OEM Rates	Bearing End Cover FE+DE Side (CI)	Each	5275	6957
LABOUR					
1.24.1	OEM Rates	Taking out the back pull out assembly from the pump after complete closing of suction & delivery valves, decoupling from motor end. Cutting of all rusted studs & nut bolts with gas cutter as reqd. And taking out the pump upto floor level	Each	5400	6480
1.24.2	OEM Rates	isolation the suction & delivery system by fixing dead flange on	Each	2160	2700

1.24.3	OEM Rates	pump casing. Dismantling of back pull out assembly i/c taking out parts such as bearing sleeve, impeller hosing at work as reqd.	Each	3780	5400
1.24.4	OEM Rates	Overhauling of complete back pull out assembly i/e fixing of all spares complete as reqd.	Each	3240	5400
1.24.5	OEM Rates	Dynamical balancing of rotating assembly	Each	5400	5400
1.24.6	OEM Rates	Re fixing/Reinstallation of the back pull out assembly in the pump casing at site after removing the dead flange from suction & delivery pipe line, fixing the coupling tightening the complete body of pump and making realignment with motor.	Each	8100	9180
1.24.7	OEM Rates	To & fro cartage I/e loading and unloading	Each	2700	2700

RATES OF SPARES FOR M & P MAKE SEWAGE PUMP MODELS KL SERIES:-
(Rates are inclusive of CP & cartage and exclusive of GST)

PUMP MODELS
Rates Rs.

DJB Item Code	SOR Reference	Particulars	Unit	RATE
		PUMP MODEL		8/10 KL
		MATERIAL		
1.25.1	OEM Rates	Shaft (EN-8)	Each	69982
1.25.2	OEM Rates	Sleeve (SS-410)	Each	16633
1.25.3	OEM Rates	Impeller (CI)	Each	189540
1.25.4	OEM Rates	Impeller Nut (CF8MI)	Each	22210
1.25.5	OEM Rates	Logging ring (CI)	Each	5239
1.25.6	OEM Rates	Gland (CI)	Each	4204
1.25.7	OEM Rates	Bearing End Cover FE+DE Side (CI)	Each	21644
LABOUR				
1.26.1	OEM Rates	Taking out the back pull out assembly from the pump after complete closing of suction & delivery valves, decoupling from motor end. Cutting of all rusted studs & nut bolts with gas cutter as reqd. And taking out the pump upto floor level	Each	13500
1.26.2	OEM Rates	isolation the suction & delivery system by fixing dead flange on pump casing.	Each	8100

1.26.3	OEM Rates	Dismantling of back pull out assembly i/c taking out parts such as bearing sleeve, impeller hosing at work as reqd.	Each	13500
1.26.4	OEM Rates	Overhauling of complete back pull out assembly i/e fixing of all spares complete as reqd.	Each	21600
1.26.5	OEM Rates	Dynamical balancing of rotating assembly	Each	27000
1.26.6	OEM Rates	Re fixing/Reinstallation of the back pull out assembly in the pump casing at site after removing the dead flange from suction & delivery pipe line, fixing the coupling tightening the complete body of pump and making realignment with motor.	Each	17280
1.26.7	OEM Rates	Testing the pump set on no load & on full load.	Each	9180
1.26.8	OEM Rates	To & fro cartage I/e loading and unloading	Each	7560

RATES OF SPARES FOR M & P MAKE CLEAR WATER PUMP MODEL ALE-BLE SERIES:-
(Rates are inclusive of CP & cartage and exclusive of GST)

PUMP MODELS
Rates Rs.

DJB Item Code	SOR Reference	PUMP MODEL	Unit	10-12 ALE	12-14 ALE	24-24 ALE	24-24 ALE (Bush Bearing)	30-30 ALE (Bush Bearing)	30-30 ALE	6-8 ALE	8-10 ALE
1.27.1	OEM Rates	Shaft (EN-8)	Each	13513	13513	72277	72277	72272	72277	6404	13513
1.27.2	OEM Rates	Shaft (SS-410)	Each	18932	18932	135626	135626	135626	135626	7892	18932
1.27.3	OEM Rates	Impeller (CI)	Each	47382	60589	387341	387341	480063	480063	41637	60909
1.27.4	OEM Rates	Impeller (LG2)	Each	201207	220358	1225260	1225260	172095	172093	152322	254924
1.27.5	OEM Rates	Impeller (CA-15)	Each	86035	95594	591970	591970	778909	778909	0	99843
1.27.6	OEM Rates	Impeller (CA6NM)	Each	106190	117990	730662	730662	961397	961397	0	123233
1.27.7	OEM Rates	Sleeve (SS-410)	Each Set	11005	12655	73708	73708	73708	73708	10130	11483
1.27.8	OEM Rates	Sleeve nut (SS-410)	Each Set	3197	3197	15795	15795	15795	15795	2490	2179
1.27.9	OEM Rates	Neck Ring (CI)	Each Set	8253	9067	77851	77851	77851	77851	3041	7875
1.27.10	OEM Rates	Neck Ring	Each Set	41933	44897	323504	323504	456359	456359	16908	41526

1.28.2	OEM Rates	cutter removing of upper dome of the pump taking out the rotating assembly after re coupling from motor shifting to round level.	each	16200	19980	24300	24300	24300	27000	27000	13500	13500
		Dismantling of rotating assembly at works I/c taking out the wornout parts such as shaft sleeves impeller earing hosing by hydraulic press & jigs & fixtures etc.										

1.28.3	OEM Rates	Overhauling of complete assembly i/e fixing of all spares complete as reqd.	each	24300	24300	48600	48600	54000	54000	54000	54000	10800	16200
1.28.4	OEM Rates	Dynamics balancing of rotating assembly	each	12960	12960	54000	54000	59400	59400	59400	59400	17280	27000
1.28.5	OEM Rates	reinstallation of the rotating assembly the pump body fixing the coupling tightening the complete body of pump making alignment with the motor.	each	33480	33480	46440	46440	48600	48600	48600	48600	17820	17820
1.28.6	OEM Rates	And fro cartage I/e loading	each	7560	7560	9720	9720	9720	9720	9720	9720	5400	7560

1.28.7	OEM Rates	&unloading charges	each	8100	8100	9720	9720	9720	9720	9720	8100	9180
		Testing of pump on no load & on full load.										

RATES OF SPARES FOR M & P MAKE CLEAR WATER PUMP MODELS CME-DME-EME SERIES:-
(Rates are inclusive of CP & cartage and exclusive of GST)

PUMP MODELS
Rates Rs.

DJB Item Code	SOR Reference	PUMP MODEL	Unit	6-8 CME	8-10 CME	10-12 CME	12-14 CME	14-16 CME	14-16 CME (BUSH BEARI NG)	18-20 CME	10-12 DME	10-12 EME
1.29.1	OEM Rates	Shaft (EN-8)	Each	7047	13513	24555	24555	37086	37086	37086	24555	38829
1.29.2	OEM Rates	Shaft (SS-410)	Each	10011	18932	34988	34988	70381	70381	70381	34988	70381
1.29.3	OEM Rates	Impeller (CI)	Each	59804	85740	115046	110281	298119	298119	244832	120306	0
1.29.4	OEM Rates	Impeller (LG2)	Each	223060	323199	377148	40234	825719	825719	967778	509833	617070
1.29.5	OEM Rates	Impeller (CA-15)	Each	95594	148702	0	163571	371652	371652	440640	220926	330258
1.29.6	OEM Rates	Impeller (CA6NM)	Each	117990	183540	0	242724	458724	458724	554048	272686	407633
1.29.7	OEM Rates	Sleeve (SS-410)	Set	7375	11483	23596	17334	31268	31268	29910	17334	40080
1.29.8	OEM Rates	Sleeve nut (SS-410)	Set	1358	2289	3255	4417	7572	7572	6409	4417	7817
1.29.9	OEM Rates	Neck Ring (CI)	Set	6394	8020	10461	8950	21201	21201	41409	10461	16962
1.29.10	OEM Rates	Neck Ring (Bronze)	Set	18976	41526	46117	47139	107127	107127	121032	46117	74166
1.29.11	OEM Rates	Neck Ring (CA-15)	Set	10060	18256	0	25016	51030	51030	62058	29413	41021

1.29.12	OEM Rates	Logging ring (CI/GFN)	Set	1453	3226	4388	4388	6479	6479	6479	6479	6479	4388	6479
1.29.13	OEM Rates	Bearing Cover FE+DE (CI)	Set	2993	4591	6887	6887	7068	7068	7068	7068	7068	6887	7068
1.29.14	OEM Rates	Gland (CI)	Set	2520	7788	12379	12379	20495	20495	20495	20495	20495	12379	9695
1.29.15	OEM Rates	Stuffing box bush (CI)	Set	2645	4591	7525	5725	11309	11309	11309	11309	11309	5725	11309
1.29.16	OEM Rates	Bearing Housing (CI)	Set	13890	23088	26182	26182	91164	91164	91164	91164	91164	26182	91164
1.29.17	OEM Rates	Bearing Bush (WML)	Set	N/A	N/A	N/A	N/A	95049	95049	95049	95049	95049	N/A	N/A
LABOUR														
1.30.1	OEM Rates	Dismantling of pump after cutting old wornout nut bolts by gas cutter removing of upper	each	10800	13500	32400	32400	33480	33480	34560	34560	32400	32400	32400

1.30.2	OEM Rates	dome of the pump taking out the rotating assembly after re coupling from motor shifting to round level.	each	10800	13500	19440	19440	21600	21600	23760	19440	19440
		Dismantling of rotating assembly at works I/c taking out the wornout parts such as shaft sleeves impeller bearing hosing by										

		hydraulic press & jig fixtures etc.																	
1.30.3	OEM Rates	Overhaul of complete assembly i/e fixing of all spares complete as reqd.	each	8640	25920	28080	28080	28080	43200	43200	54000	28080	28080	28080					
1.30.4	OEM Rates	Dynamical balancing of rotating assembly	each	19980	32400	37800	43200	48600	48600	48600	48600	43200	43200	32400					
1.30.5	OEM Rates	Reinstallation of the rotating assembly the pump body fixing the	each	19980	21600	38880	38880	45360	45360	47520	47520	38880	38880	38880					

RATES OF SPARES FOR M & P MAKE CLEAR WATER PUMP MODELS BST
(Rates are inclusive of CP & cartage and exclusive of GST)

PUMP MODELS
Rates Rs.

DJB Item Code	SOR Reference	PUMP MODEL	Unit	100-125 BST	125-150 BST	150-200 BST	200-300 BST	250-300 BST	300-400 BST	350-450 BST	400-500 BST
1.31.1	OEM Rates	Shaft (EN-8)	Each	2335	3580	7046	7046	12917	14362	23712	38988
1.31.2	OEM Rates	Shaft (SS-410)	Each	3329	5030	9963	9963	18017	20923	33709	64788
1.31.3	OEM Rates	Impeller (CI)	Each	31901	33242	33680	51876	64962	98889	169184	217030
1.31.4	OEM Rates	Impeller (LG2)	Each	0	0	0	0	233072	368721	614534	982383
1.31.5	OEM Rates	Impeller (CA-15)	Each	0	0	0	0	95770	210855	284656	384818
1.31.6	OEM Rates	Impeller (CA6NM)	Each	0	0	0	0	125783	0	351348	466965
1.31.7	OEM Rates	Sleeve (SS-410)	Set	2826	4766	7042	7042	10636	10636	18627	36702
1.31.8	OEM Rates	Sleeve nut (SS-410)	Set	862	1198	3018	3018	2382	2382	4737	9270
1.31.9	OEM Rates	Neck Ring (CI)	Set	3688	4263	4719	5557	10839	14355	10461	28274
1.31.10	OEM Rates	Neck Ring (Bronze)	Set	0	0	16908	19855	40189	41003	37399	105384

1.31.11	OEM Rates	Neck Ring (CA-15)	Set	0	0	0	0	0	0	19340	29960	19849	47287
1.31.12	OEM Rates	Logging ring (CI/GFN)	Set	383	575	767	767	767	767	2993	2993	4010	6364
1.31.13	OEM Rates	Bearing Cover FE+DE (CI)	Set	3664	4719	4814	4814	4814	4814	9183	9183	13745	16564
1.31.14	OEM Rates	Gland (CI)	Set	1845	3137	3712	3712	3712	3712	7788	7788	12612	16796
1.31.15	OEM Rates	Stuffing box bush (CI)	Set	1341	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1.31.16	OEM Rates	Bearing Housing (CI)	Set	4072	6155	10419	10419	10419	10419	21039	21039	24003	55416
1.31.17	OEM Rates	Bearing Bush (WML)	Set	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
LABOUR													
1.32.1	OEM Rates	Dismantling of pump after cutting old worm-cut nut bolts by gas cutter removing of upper dome of the pump taking out the rotating assembly after re coupling from motor shifting to round level.	each	5400	8100	10800	27000	27000	27000	27000	27000	27000	35640
1.32.2	OEM Rates	Dismantling of rotating assembly at works I/c taking out the worn out parts such as	each	3780	5400	10800	16200	16200	16200	16200	16200	16200	21600

RATES OF SPARES FOR M & P MAKE CLEAR WATER PUMP MODELS CST-LONO SERIES:-

(Rates are inclusive of CP & cartage and exclusive of GST)

Rates Rs.

DJB Item Code	SOR Reference	PUMP MODEL	Unit	125-150 CST	200-250 CST	350-450 CST	8-10 LONO	16-20 LONO	16-20 LONO (Bush Bearin g)
1.33.1	OEM Rates	Shaft (EN-8)	Each	3521	12917	23712	6534	31966	31966
1.33.2	OEM Rates	Shaft (SS-410)	Each	4970	18017	40131	9377	46074	46074
1.33.3	OEM Rates	Impeller (CI)	Each	48858	73114	131160	47803	177847	177847
1.33.4	OEM Rates	Impeller (LG2)	Each	153831	249606	405147	143394	532601	532601
1.33.5	OEM Rates	Impeller (CA-15)	Each	66530	117898	179502	53108	246418	246418
1.33.6	OEM Rates	Impeller (CA6NM)	Each	82118	145721	221558	0	0	0
1.33.7	OEM Rates	Sleeve (SS-410)	Set	4766	10897	18627	5521	28827	28827
1.33.8	OEM Rates	Sleeve nut (SS-410)	Set	718	2862	4010	2848	4127	4127
1.33.9	OEM Rates	Neck Ring (CI)	Set	4550	6160	11334	5172	19397	19397
1.33.10	OEM Rates	Neck Ring (Bronze)	Set	13531	22056	40479	26153	56375	56375
1.33.11	OEM Rates	Neck Ring (CA-15)	Set	8452	11692	21481	14558	27723	27723

1.33.12	OEM Rates	Logging ring (CI/GFN)	Set	575	2993	4010	5638	4591	4591
1.33.13	OEM Rates	Bearing Cover FE+DE (CI)	Set	4719	9183	13745	0	0	0
1.33.14	OEM Rates	Gland (CI)	Set	3137	7788	12612	6189	12263	12263
1.33.15	OEM Rates	Stuffing box bush (CI)	Set	1317	0	0	3458	0	0
1.33.16	OEM Rates	Bearing Housing (CI)	Set	7233	20981	24003	47047	91682	91682
1.33.17	OEM Rates	Bearing Bush (WML)	Set	N/A	N/A	N/A	32483	N/A	92970
LABOUR									
1.34.1	OEM Rates	Dismantling of pump after cutting old wormout nut bolts by gas cutter removing of upper dome of the pump taking out the rotating assembly after re coupling from motor shifting to round level.	each	8100	13500	27000	13500	33480	33480

1.34.2	OEM Rates	Dismantling of rotating assembly at works I/c taking out the worn out parts such as shaft sleeves impeller earing hosing by hydraulic press &jig xtures etc.	each	8100	13500	16200	13500	24300	24300
1.34.3	OEM Rates	Overhauling of complete assembly i/e fixing of all spares complete as reqd.	each	5400	23760	23760	16200	43200	43200
1.34.4	OEM Rates	Dynamical balancing of rotating assembly	each	6480	27000	37800	12960	48600	48600
1.34.5	OEM Rates	Reinstallation of the rotating assembly the pump body fixing the coupling tightening the	each	11880	17280	32400	17820	34020	34020

1.34.6	OEM Rates	complete body of pump making alignment with the motor.	each	2700	6480	7560	6480	7560	7560	
1.34.7	OEM Rates	To And fro cartage l/e loading & unloading charges	each	0	6480	9180	7560	8640	8640	
		Testing of pump on no load & on full load.	each							

RATES OF SPARES FOR M & P MAKE CLEAR WATER PUMP MODELS CSN SERIES:-
(Rates are inclusive of CP & cartage and exclusive of GST)

DJB Item Code	SOR Reference	PUMP MODEL	Unit	Rates Rs.		
				80/100 (CSN)	100/125 (CSN)	
1.35.1	OEM Rates	Impeller (CI)	Each	29003	26776	
1.35.2	OEM Rates	Neck Ring (CI)	Set	2659	3545	
1.35.3	OEM Rates	Shaft with key (EN-8)	Each	2335	2335	
1.35.4	OEM Rates	Shaft with key (SS-410)	Each	3329	3329	
1.35.5	OEM Rates	Sleeve (SS-410)	Set	2826	2826	
1.35.6	OEM Rates	Sleeve Nut (SS-410)	Set	862	862	
1.35.7	OEM Rates	Bearing Housing (FE+DE)	Set	4072	4072	
1.35.8	OEM Rates	Gland CI	Set	1845	1845	
1.35.9	OEM Rates	Logging Ring (GFN/CI)	Set	383	383	
1.35.10	OEM Rates	Bearing Cover (CI)	Set	3664	3664	
1.35.11	OEM Rates	Stuffing Box Bush (CI)	Set	1341	1341	
LABOUR						
1.36.1	OEM Rates	Dismantling of pump after cutting old worn out nut bolts by gas	each	5400	5400	

1.36.2	OEM Rates	cutter removing of upper dome of the pump taking out the rotating assembly after re coupling from motor shifting to round level. Dismantling of rotating assembly at works I/c taking out the worn out parts such as shaft sleeves impeller earing hosing by hydraulic press & jigxtures etc.	each	3780	3780		
1.36.3	OEM Rates	Overhauling of complete assembly i/e fixing of all spares complete as reqd.	each	2034	3024		
1.36.4	OEM Rates	Dynamical balancing of rotating assembly	each	5400	5400		
1.36.5	OEM Rates	Reinstallation of the rotating assembly the pump body fixing the coupling tightening the complete body of pump making alignment with the motor.	each	8100	8100		
1.36.6	OEM Rates	To And fro cartage I/e loading & unloading charges	each	2700	2700		

RATES OF SPARES FOR M & P MAKE CLEAR WATER PUMP MODELS MFV SERIES:-
(Rates are inclusive of CP & cartage and exclusive of GST)

DJB Item Code	SOR Reference	PUMP MODEL	Unit	Rates Rs	
				12/12 MFV	15/15 MFV
1.37.1	OEM Rates	Impeller (CI)	Each	74712	102754
1.37.2	OEM Rates	Impeller (LG2)	Each	303976	334590
1.37.3	OEM Rates	Impeller (CA6NM)	Each	152076	195287
1.37.4	OEM Rates	Impeller Lock Screw with washer (Std.) / ss 316	Each	2368	9546
1.37.5	OEM Rates	Neck Ring (CI)	Each	6364	14763
1.37.6	OEM Rates	Neck Ring (BB)	Each	34087	75859
1.37.7	OEM Rates	Neck Ring (CF8)	Each	16041	31754
1.37.8	OEM Rates	Shaft (EN-8)	Each	14603	15438
1.37.9	OEM Rates	Shaft (SS-410)	Each	22855	25594
1.37.10	OEM Rates	Bearing Cartridge (CI)	Each	24613	24606
1.37.11	OEM Rates	Bearing End cover (FE + DE) (CI)	Set	6452	5441
1.37.12	OEM Rates	Logging Ring (CI)	Each	770	354
1.37.13	OEM Rates	Bearing Bush (BB)	Each	13731	12306
1.37.14	OEM Rates	Gland (CI)	Each	2121	1953
LABOUR					
1.38.1	OEM Rates	Taking out the back pullout assembly from the pump after complete closing of suction & delivery valves, decoupling from motor end. Cutting of all rusted	each	24300	24300

			studs & nut bolts with gas cutter as reqd. And taking out the pump upto floor level				
1.38.2	OEM Rates		isolation the suction & delivery system by fixing dead flange on pump casing.	each	9180	9180	
1.38.3	OEM Rates		Dismantling of back pullout assembly i/c taking out parts such as bearing sleeve, impeller hosing at work as reqd.	each	16200	16200	
1.38.4	OEM Rates		Overhauling of complete back pull out assembly i/e fixing of all spares complete as reqd.	each	34560	34560	
1.38.5	OEM Rates		Dynamical balancing of rotating assembly	each	12960	12960	
1.38.6	OEM Rates		Re fixing/Reinstallation of the back pullout assembly in the pump casing at site after removing the dead flange from suction & delivery pipe line , fixing the coupling tightening the complete body of pump and making realignment with motor.	each	33480	33480	
1.38.7	OEM Rates		To &fro cartage i/e loading and unloading	each	5400	5400	

1 (c) Rates for of Jyoti Make HS Series Pump Sets
(Rates are inclusive of CP and exclusive of cartage & GST)

Rates for spares of Jyoti Make NC Series Pump Sets :-

DJB Item Code	SOR Reference	Description	Unit	Pump Model Rates Rs.					
				200 NC	250 NC	350 NC	500 NC	600 NC	600 VNC
		Rotating Assembly		808500	1067000	1595000	2631200	3218600	3888940
		Spares							
1.39.1	OEM Rates	Back Plate (as applicable)	Each	41800	52800	158840	217800	231000	---
1.39.2	OEM Rates	Casing Wear Ring (As applicable)	Each	45100	52800	121000	204600	257400	---
1.39.3	OEM Rates	Impeller	Each	269500	517000	1086800	2090000	2220350	---
1.39.4	OEM Rates	Shaft	Each	119790	143000	163350	200200	258506	396204
1.39.5	OEM Rates	Sleeve	Each	53240	67100	96800	121000	144100	---
1.39.6	OEM Rates	Oil Seal	Each	NA	NA	NA	NA	6655	---
1.39.7	OEM Rates	Gland	Each	6600	6600	6600	77000	12100	---
1.39.8	OEM Rates	Packing	Each	2200	2200	2750	3850	4950	---
1.39.9	OEM Rates	Impeller Nut	Each	23100	30800	40700	52800	70400	---

1.39.10	OEM Rates	Lantern Ring	Each	7700	8140	9900	187000	187000	187000	---
1.39.11	OEM Rates	Bearing with lubricant	Each	33880	33880	166980	187000	187000	187000	---
Labour Charges										
1.40.1	OEM Rates	Overhauling	Each	104500	137500	154000	264000	326700	385000	

Rates for spares of Jyoti Make HS Series Pump Sets :-

DJB Item Code	SOR Reference	Description	Unit	Pump Model Rates Rs.						
				200 HS	250 HS	300 HS	350 HS	400 HS	450 HS	
		Rotating Assembly		52800	83600	968000	1067000	1237500	1408000	1408000
		Spares								
1.41.1	OEM Rates	Casing Wear Ring	Each	176000	209000	231000	242000	253000	266200	266200
1.41.2	OEM Rates	Impeller	Each	341000	462000	561000	676500	803000	858000	858000
1.41.3	OEM Rates	Impeller Wear Ring	Each	176000	209000	231000	242000	253000	266200	266200
1.41.4	OEM Rates	Shaft	Each	121000	143000	297000	341000	407000	496100	496100
1.41.5	OEM Rates	Sleeve with NUT	Each	118800	14080	281600	327800	343200	412610	412610
1.41.6	OEM Rates	Bearing Housing	Each	198000	198000	209000	242000	244200	261800	261800

1.41.7	OEM Rates	Gland	Each	9900	9900	9900	15400	33000	20350	20350
1.41.8	OEM Rates	Packing	Each	5500	5500	5500	5500	5500	5500	5500
1.41.9	OEM Rates	Water Thrower	Each	6050	6050	13200	9350	9350	9350	10450
1.41.10	OEM Rates	Bearing with lubricant	Each	26950	26950	42570	49500	49500	49500	124300
Labour Charges										
1.42.1	OEM Rates	Pump Repair	Each	60500	60500	74250	200750	126500	140250	140250
1.42.2	OEM Rates	ROT. Assly Replacement	Each	38500	38500	60500	104500	104500	104500	104500

1 (d) Rates for spares of Flowmore make Pumps
(Rates are inclusive of CP and exclusive of cartage & GST)

DJJB Item Code	SOR Reference	Description			Unit	Rates Rs.
		Name of Item	Part No	MOC		
1.43.1	OEM Rates	Impeller	3	SS-CF8M	Each	499876
1.43.2	OEM Rates	Grease cup with NRV	9	Steel	Each	39788
1.43.3	OEM Rates	Water Slinger	10	CI(IS-210, FG 260)	Each	32334
1.43.4	OEM Rates	Inner Bearing Housing	14	CI(IS-210, FG 260)	Each	67676
1.43.5	OEM Rates	Pump Shaft	15	SS-431	Each	99898
1.43.6	OEM Rates	Thrust Bearing Housing	17	CI(IS-210, FG 260)	Each	78787
1.43.7	OEM Rates	Brg. Cover (Inner & Outer)	19	CI(IS-210, FG 260)	Each	49897
1.43.8	OEM Rates	Key (Pump Half Cop.)	20	EN-8	Each	5878
1.43.9	OEM Rates	Bearing Lock Nut	21	Steel	Each	5656
1.43.10	OEM Rates	Bearing Lock Washer	23	Steel	Each	3898
1.43.11	OEM Rates	Grease Relief Fitting	25	Steel	Each	27000
1.43.12	OEM Rates	Inner Bearing (Thrust)	28	Brg. Steel	Each	87874

1.43.13	OEM Rates	Gland Clip	30	Brass	Each	13434
1.43.14	OEM Rates	Packing Gland	31	CI (IS-210, FG 260)	Each	46565
1.43.15	OEM Rates	Packing Pcs	32	Telfon Impregnated	Each	9343
1.43.16	OEM Rates	Shaft Sleeve	34	SS-410 (H)	Each	39896
1.43.17	OEM Rates	Water Seal Ring	35	Bronze	Each	29898
1.43.18	OEM Rates	Key (For Impeller)	36	EN-8	Each	5878
1.43.19	OEM Rates	Impeller Nut	38	SS-410	Each	24345

Rates for spares of Flowmore make Pumps						
Drg. No. CSD 783 08 1 2K8						
DJB Item Code	SOR Reference	Description			Unit	Rates Rs.
		Name of Item	Part No	MOC		
1.44.1	OEM Rates	Bearing Housing(DE)	1	Cl(IS-210,FG260)	Each	98000
1.44.2	OEM Rates	Grease Release Fitting	2	Steel	Each	27000
1.44.3	OEM Rates	Antifriction Bearing(DE&NOE)	3	Brg. Steel	Each	46767
1.44.4	OEM Rates	Cap(for Bearing Housing)	4	Cl(IS-210,FG260)	Each	89787
1.44.5	OEM Rates	Cover(for Brg. Housing)DE	6	1 Cl(IS-210,FG260)	Each	48787
1.44.6	OEM Rates	Gland Assy	7	Bronze(IS-318,LTB-II)	Each	92500
1.44.7	OEM Rates	Water Seal Ring	8	Bronze(IS-318,LTB-11)	Each	44562
1.44.8	OEM Rates	Packing Pcs	9	1 Graphite Asbestos	Each	9850
1.44.9	OEM Rates	Stuffing Box Bushing	10	Cl(IS-210,FG260)	Each	43436
1.44.10	OEM Rates	Impeller	11	SS(CF-M)ASTM743	Each	598785
1.44.11	OEM Rates	Wearing Ring Casgin	15	SSCA-15(230-240BHN)	Each	171000
1.44.12	OEM Rates	Key(for Impeller)	17	EN-8	Each	6898
1.44.13	OEM Rates	Water Seal Tube	18	Flexible Braided	Each	22500

1.44.14	OEM Rates	Shaft Sleeve	19	SS-AISI-410	Each	74260
1.44.15	OEM Rates	Wearing Ring(Impeller)	20	SS(CF-M)ASTM743	Each	171000
1.44.16	OEM Rates	Sleeve Nut(for sleeve)NOE	23	Steel(Oil Quench)	Each	245000
1.44.17	OEM Rates	Water Deflector	24	Rubber	Each	12985
1.44.18	OEM Rates	Cover(for Brg. Housing)NOE	26	CI(IS-210,FG260)	Each	49876
1.44.19	OEM Rates	Bearing Housing(NOE)	27	CI(IS-210,FG260)	Each	98000
1.44.20	OEM Rates	Bearing Bracket	29	CI(IS-210.FG260)	Each	96542
1.44.21	OEM Rates	Sleeve Nut(for sleeve)DE	37	Steel(Oil Quench)	Each	19898
1.44.22	OEM Rates	Lock Washer(for Bearing)	38	Steel	Each	4346
1.44.23	OEM Rates	Lock Nut(for Bearing)	39	Steel	Each	6756
1.44.24	OEM Rates	Grease Relief Fitting	40	Steel	Each	27000
1.44.25	OEM Rates	Pump Shaft	41	SSAISI431	Each	124563
1.44.26	OEM Rates	Key(for Pump Half Coup.)	42	EN-8	Each	5768
1.44.27	OEM Rates	Shaft Collar	43	Steel	Each	38743

Rates for spares of Flowmore make Pumps (Rates are inclusive of CP and exclusive of cartage & GST)						
Drg. No. CSD 675 04 10 2K7A						
DJB Item Code	SOR Reference	Description			Unit	Rates Rs.
		Name of Item	Part No	MOC		
1.45.1	OEM Rates	Bearing Housing (DE)	1	CI (IS-210, FG-200)	Each	117600
1.45.2	OEM Rates	Grease Release Fitting	2	Steel	Each	32400
1.45.3	OEM Rates	Cap (for Bearing Housing)	4	CI (IS-210, FG-200)	Each	98798
1.45.4	OEM Rates	Brg. Cover (DE)	6	CI (IS-210, FG-200)	Each	59876
1.45.5	OEM Rates	Gland Assy.	7	Bronze (IS-318, LTB-II)	Each	111000
1.45.6	OEM Rates	Water Seal Ring	8	Bronze (IS-318, LTB-II)	Each	47689
1.45.7	OEM Rates	Stuffing Box Bushing	10	CI (IS-210, FG-200)	Each	48654
1.45.8	OEM Rates	Impeller	11	SS (CF-8M) (ASTM A 743)	Each	989764
1.45.9	OEM Rates	Wearing Ring (Casing)	15	SS CA-15	Each	198564
1.45.10	OEM Rates	Key (for Impeller)	17	EN-8	Each	8275
1.45.11	OEM Rates	Water Seal Tube	18	Flexible Braided	Each	27000
1.45.12	OEM Rates	Shaft Sleeve	19	SS 410 H	Each	88564

1.45.13	OEM Rates	Wearing Ring Impeller	20	SS CA- 15	Each	198565
1.45.14	OEM Rates	Sleeve Nut (for Sleeve) NDE	23	Steel (Oil Quenched)	Each	32234
1.45.15	OEM Rates	Water Deflector	24	Rubber	Each	15582
1.45.16	OEM Rates	Brg. Cover (NOE)	26	CI (IS-210, FG-200)	Each	59876
1.45.17	OEM Rates	Bearing Housing NOE	27	CI (IS-210, FG-200)	Each	117600
1.45.18	OEM Rates	Bearing Bracket	29	CI (IS-210, FG-200)	Each	128567
1.45.19	OEM Rates	Sleeve Nut (for Sleeve) DE	37	Steel (Oil Quenched)	Each	34234
1.45.20	OEM Rates	Lock Washer (for Bearing)	38	Steel	Each	5435
1.45.21	OEM Rates	Lock Nut (for Bearing)	39	Steel	Each	8768
1.45.22	OEM Rates	Grease Relief Fitting	40	Steel	Each	43238
1.45.23	OEM Rates	Pump Shaft	41	SS-431	Each	156734
1.45.24	OEM Rates	Key (for Pump Half Coupling)	42	EN-8	Each	6348
1.45.25	OEM Rates	Shaft Collar	43	Steel	Each	48652

Rates for spares of Flowmore make Pumps (Rates are inclusive of CP and exclusive of cartage & GST)						
Drg. No. CSD 492 08 02 2K7						
DJB Item Code	SOR Reference	Description			Unit	Rates Rs.
		Name of Item	Part No	MOC		
1.46.1	OEM Rates	Bearing Housing (DE)	1	CI (IS-210, FG-200)	Each	117600
1.46.2	OEM Rates	Grease Release Fitting	2	Steel	Each	32400
1.46.3	OEM Rates	AJF Bearing (DE & NDE)	3	Brg. Steel	Each	65500
1.46.4	OEM Rates	Cap (for Bearing Housing)	4	CI (IS-210, FG-200)	Each	98798
1.46.5	OEM Rates	Brg. Cover (DE)	6	CI (IS-210, FG-200)	Each	59876
1.46.6	OEM Rates	Gland Assy	7	Bronze (IS-318, LTB-11)	Each	111000
1.46.7	OEM Rates	Water Seal Ring	8	Bronze (IS-318, LTB-11)	Each	47689
1.46.8	OEM Rates	Stuffing Box Bushing	10	CI (IS-210, FG-200)	Each	48654
1.46.9	OEM Rates	Impeller	11	SS (CF-SM) (ASTM A 743)	Each	989764
1.46.10	OEM Rates	Wearing Ring (Casing)	15	SS CA-15	Each	198564
1.46.11	OEM Rates	Water SealTube	18	Flexible Braided	Each	27000
1.46.12	OEM Rates	Shaft Sleeve	19	SS 410 H	Each	88564

1.46.13	OEM Rates	Wearing Ring Impeller	20	SS CA-15	Each	198565
1.46.14	OEM Rates	Sleeve Nut (for Sleeve) NDE	23	Steel (Oil Quenched)	Each	34234
1.46.15	OEM Rates	Water Deflector	24	Rubber	Each	15582
1.46.16	OEM Rates	Brg. Cover (NDE)	26	CI (IS-210, FG-200)	Each	59876
1.46.17	OEM Rates	Bearing Housing NDE	27	CI (IS-210, FG-200)	Each	117600
1.46.18	OEM Rates	Bearing Bracket	29	CI (IS-210, FG-200)	Each	128567
1.46.19	OEM Rates	Sleeve Nut (for Sleeve) DE	37	Steel (Oil Quenched)	Each	34234
1.46.20	OEM Rates	Lock Washer (for Bearing)	38	Steel	Each	5435
1.46.21	OEM Rates	Lock Nut (for Bearing)	39	Steel	Each	8768
1.46.22	OEM Rates	Grease Rel of Fitting	40	Steel	Each	43238
1.46.23	OEM Rates	Pump Shaft	41	SS-431	Each	156734
1.46.24	OEM Rates	Key {for Pump Half Coupling)	42	EN-8	Each	6348
1.46.25	OEM Rates	Shaft Collar	43	Steel	Each	48652

Rates for spares of Flowmore make Pumps						
Drg. No. CSD 675 02 10 2K7B						
DJB Item Code	SOR Reference	Description			Unit	Rates Rs.
		Name of Item	Part No	MOC		
1.47.1	OEM Rates	Impeller	2	SS (CF-8M) ASTM A 743	Each	1134545
1.47.2	OEM Rates	Wearing Ring (for Casing)	3	SS (CA-15)	Each	265348
1.47.3	OEM Rates	Bearing Housing Bracket	4	CI (IS-210, FG. 200)	Each	144765
1.47.4	OEM Rates	Sleeve Nut (for sleeve) NOE	5	Steel (Oil Quenched}	Each	39742
1.47.5	OEM Rates	Bearing Housing	7	CI (IS-210, FG.200)	Each	129360
1.47.6	OEM Rates	Bearing Cover Plate	10	MS	Each	43276
1.47.7	OEM Rates	Outer Bearing Cover (NOE)	11	CI (IS-210, FG. 200)	Each	69782
1.47.8	OEM Rates	Inner Bearing Cover (NOE)	13	CI (IS-210, FG. 200)	Each	69782
1.47.9	OEM Rates	Water Deflector	14	CI (IS-210, FG. 200)	Each	44987
1.47.10	OEM Rates	Water Seal Ring	16	Bronze (IS-318, LTB II)	Each	49346
1.47.11	OEM Rates	Shaft Sleeve	18	SS - 410H	Each	99456
1.47.12	OEM Rates	Wearing Ring (for Impeller)	20	SS (CA-15)	Each	265348
1.47.13	OEM	Water Seal Tube	25	Flexible Braided	Each	48762

	Rates			Pipe)		
1.47.14	OEM Rates	Stuffing Box Bush	29	CI (IS-210, FG. 200)	Each	53236
1.47.15	OEM Rates	Packing Gland Assy	30	Bronze (IS-318, LTB-II)	Each	123875
1.47.16	OEM Rates	Inner Bearing Cover (DE)	32	CI (IS-210, FG. 200)	Each	69782
1.47.17	OEM Rates	Cap (for Brg. Housing)	33	CI (IS-210, FG. 200)	Each	165348
1.47.18	OEM Rates	Outer Bearing Cover (DE)	35	CI (IS-210, FG.200)	Each	69782
1.47.19	OEM Rates	Lock Washer (for Lock Nut)	37	Steel	Each	5989
1.47.20	OEM Rates	Lock Nut (for Bearing)	38	Steel	Each	8758
1.47.21	OEM Rates	Pump Shaft	40	SS-431	Each	187654
1.47.22	OEM Rates	Key (for Pump Half Coup.)	41	EN-8	Each	7622
1.47.23	OEM Rates	AJF Bearing (DE & NOE)	43	Brg. Steel	Each	67545
1.47.24	OEM Rates	Shaft Collar	44	Steel	Each	53456
1.47.25	OEM Rates	Oil Seal (DE & NOE inner Brg. Cove)	45	Nitrile Rubber	Each	9780
1.47.26	OEM Rates	Sleeve Nut (for Sleeve) DE	46	Steel (Oil Quenched)	Each	39742
1.47.27	OEM Rates	Key (for Impeller)	52	EN-8	Each	7622

Rates for spares of Flowmore make Pumps (Rates are inclusive of CP and exclusive of cartage & GST)						
Drg. No. CSD 839 05 03 2K8						
DJB Item Code	SOR Reference	Description			Unit	Rates Rs.
		Name of Item	Part No	MOC		
1.48.1	OEM Rates	Bearing Housing Bracket	3	CI (IS-210, FG 260)	Each	1447650
1.48.2	OEM Rates	Sleeve Nut (for Sleeve) NOE	4	Steel(Oil Quenched)	Each	397420
1.48.3	OEM Rates	Ball Bearing	5	Brg. Steel	Each	673460
1.48.4	OEM Rates	Lock Washer (for Lock Nut)	6	Steel	Each	59890
1.48.5	OEM Rates	Lock Nut (for Bearing)	7	Steel	Each	87560
1.48.6	OEM Rates	Shaft Collar	8	Steel	Each	53456
1.48.7	OEM Rates	Bearing Cover (NOE)	9	CI (IS-210, FG 260)	Each	69792
1.48.8	OEM Rates	Water Deflector	10	Natural Rubber	Each	16880
1.48.9	OEM Rates	Water Seal Ring	11	Bronze (IS 318, LTB II)	Each	49784
1.48.10	OEM Rates	Shaft Sleeve	13	Bronze (IS 318, LTB II)	Each	134231
1.48.11	OEM Rates	Wearing Ring (for Impelle)	15	Bronze (IS 318, LTB II)	Each	298456
1.48.12	OEM Rates	Impeller	19	Bronze (IS 318, LTB 11)	Each	1098567
1.48.13	OEM	Water Seal Tube	21	Flexible Braided	Each	29250

1.48.14	Rates OEM Rates	Wearing Ring (for Casing)	22	Bronze (IS 318, LTB II)	Each	298456
1.48.15	OEM Rates	Packing Gland Assy	23	CI (IS-210, FG 260)	Each	119580
1.48.16	OEM Rates	Grease Release Fittings	26	Steel	Each	32434
1.48.17	OEM Rates	Grease Relief Fittings	27	Steel	Each	32434
1.48.18	OEM Rates	Pump Shaft	28	Steel	Each	165456
1.48.19	OEM Rates	Key (for Pump Half Coupling)	29	EN-8	Each	7622
1.48.20	OEM Rates	Bearing Cover (DE)	30	CI (IS-210, FG 260)	Each	69792
1.48.21	OEM Rates	Stuffing Box Bushing	34	CI (IS-210, FG 260)	Each	54346
1.48.22	OEM Rates	Key (for Impeller)	35	EN-8	Each	7622

Rates for spares of Flowmore make Pumps (Rates are inclusive of CP and exclusive of cartage & GST)						
Drg. No. CSD 953 032 07 2K8						
DJB Item Code	SOR Reference	Description			Unit	Rates Rs.
		Name of Item	Part No	MOC		
1.49.1	OEM Rates	Bearing Housing Bracket	4	Cl (IS-210, FG 200)	Each	187564
1.49.2	OEM Rates	Sleeve Nut (for Sleeve) NOE	5	Steel (Oil Quenched)	Each	48762
1.49.3	OEM Rates	Bearing Housing	7	Cl (IS-210, FG 200)	Each	158400
1.49.4	OEM Rates	Bearing Cover Plate	10	MS	Each	59876
1.49.5	OEM Rates	Outer Bearing Cover (Out Board)	11	Cl (IS-210,FG 200)	Each	89346
1.49.6	OEM Rates	Cap (for Bearing Housing)	13	Cl (IS-210,FG 200)	Each	234876
1.49.7	OEM Rates	Water Deflector	14	Cl (IS-210, FG 200)	Each	53243
1.49.8	OEM Rates	Water Seal Ring	16	Bronze (IS-318, LTB-II)	Each	53476
1.49.9	OEM Rates	Shaft Sleeve	18	SS - 410 (250-300 BHN)	Each	99678
1.49.10	OEM Rates	Wearing Ring (for Impeller)	19	SS (CF-SM)	Each	299878
1.49.11	OEM Rates	Impeller	23	SS (CF-8M)	Each	1278676
1.49.12	OEM Rates	Wearing Ring (for Casing)	24	SS (CF-8)	Each	299878

1.49.13	OEM Rates	Water Seal Tube	25	Flexible Braided	Each	55456
1.49.14	OEM Rates	Packing Gland Assy.	27	Cl (IS-210, FG 200)	Each	131450
1.49.15	OEM Rates	Sleeve Nut (for Sleeve) DE	29	Steel (Oil Quenched)	Each	48762
1.49.16	OEM Rates	Outer Bearing Cover (In Board)	31	Cl (IS-210, FG 200)	Each	89346
1.49.17	OEM Rates	Lock Washer (for Lock Nut)	33	Steel	Each	5986
1.49.18	OEM Rates	Lock Nut (for Bearing)	34	Steel	Each	9987
1.49.19	OEM Rates	Pump Shaft	35	SS - 431	Each	198787
1.49.20	OEM Rates	Key (for Pump Half Coup.)	36	EN-8	Each	8799
1.49.21	OEM Rates	Sph. Roller Bearing	38	Bearing Steel	Each	77656
1.49.22	OEM Rates	Shaft Collar	39	SS	Each	67898
1.49.23	OEM Rates	Inner Bearing Cover	41	Cl (IS-210, FG 200)	Each	89346
1.49.24	OEM Rates	Stuffing Box Bushing	44	Cl (IS-210, FG 200)	Each	59898
1.49.25	OEM Rates	Key (for impeller)	45	EN-8	Each	8799

Rates for spares of Flowmore make Pumps
(Rates are inclusive of CP and exclusive of cartage & GST)

Drq. No.SALE 11000776-10						
DJB Item Code	SOR Reference	Description			Unit	Rates Rs.
		Name of Item	Part No	MOC		
1.50.1	OEM Rates	Impeller	3	SS - CF8M	Each	499876
1.50.2	OEM Rates	Grease cup with NRV	9	Steel	Each	39788
1.50.3	OEM Rates	Water Slinger	10	Cl (IS-210, FG 260)	Each	32334
1.50.4	OEM Rates	Inner Bearing Housing	14	Cl (IS-210, FG 260)	Each	67676
1.50.5	OEM Rates	Pump Shaft	15	SS - 431	Each	99898
1.50.6	OEM Rates	Outer Bearing {Thrust}	16	Brg. Steel	Each	87874
1.50.7	OEM Rates	Thrust Bearing Housing	17	Cl (IS-210, FG 260)	Each	78787
1.50.8	OEM Rates	Grease Release Fitting	18	Steel	Each	27000
1.50.9	OEM Rates	Brg.Cover (Inner & Outer)	19	Cl (IS-210, FG 260)	Each	49897
1.50.10	OEM Rates	Key (Pump Half Cop.)	20	EN-8	Each	5878
1.50.11	OEM Rates	Bearing Lock Nut	21	Steel	Each	5656
1.50.12	OEM Rates	Bearing Lock Washer	23	Steel	Each	3898

1.50.13	OEM Rates	Grease Relief Fitting	25	Steel	Each	27000
1.50.14	OEM Rates	Inner Bearing (Thrust)	28	Brg. Steel	Each	87874
1.50.15	OEM Rates	Gland Clip	30	Brass	Each	13434
1.50.16	OEM Rates	Packing Gland	31	Cl {IS-210, FG 260}	Each	46565
1.50.17	OEM Rates	Shaft Sleeve	34	SS - 410 (H)	Each	39896
1.50.18	OEM Rates	Water Seal Ring	35	Bronze	Each	29898
1.50.19	OEM Rates	Key (for Impeller)	36	EN-8	Each	5878
1.50.20	OEM Rates	Impeller Nut	38	SS - 410	Each	24345
1.50.21	OEM Rates	Wearing Ring Casing	43	Cl (IS-210, FG 260)	Each	78750

Rates for spares of Flowmore make Pumps (Rates are inclusive of CP and exclusive of cartage & GST)						
Drq. No. CSD 709 01 09 2K4						
DJB Item Code	SOR Reference	Description			Unit	Rates Rs.
		Name of Item	Part No	MOC		
1.51. 1	OEM Rates	Impeller Wearing Ring	3	Bronze (IS-318, LTB-V)	Each	298768
1.51. 2	OEM Rates	W/Ring for Front Head	4	Bronze (IS-318, LTB-II)	Each	298768
1.51.3	OEM Rates	Impeller	11	Bronze (IS-318,LTB-II)	Each	1450500
1.51.4	OEM Rates	Water Seal Ring Half	13	Bronze	Each	54346
1.51. 5	OEM Rates	Gland Half	17	Bronze	Each	123875
1.51. 6	OEM Rates	Shaft Sleeve	19	Bronze (IS-318, LTB-II)	Each	189000
1.51. 7	OEM Rates	Brg. Cover N.D.E	20	C.I. (IS-210, FG.260)	Each	72100
1.51. 8	OEM Rates	Oil Seal for N.D.E	21	Natural Rubber	Each	9879
1.51. 9	OEM Rates	Brg. Housing N.D.E	22	C.I. (IS-210, FG.260)	Each	129720
1.51. 10	OEM Rates	Pump Shaft	23	S.S.-410	Each	199898
1.51. 11	OEM Rates	Brg.Housing D.E.	26	C.I. (IS-210, FG.260)	Each	129720
1.51. 12	OEM Rates	Brg. Cover D.E	27	C.I. (IS-210, FG.260)	Each	72000

1.51.13	OEM Rates	Brg. Lock Washer	29	Steel	Each	5987
1.51.14	OEM Rates	Brg. Lock Nut	30	Steel	Each	9878
1.51.15	OEM Rates	Oil Seal for D.E	31	Natural Rubber	Each	9879
1.51.16	OEM Rates	Water Deflector	40	Bronze	Each	48250
1.51.17	OEM Rates	Impeller Key	46	Steel	Each	7676
1.51.18	OEM Rates	Impeller Nut	48	Bronze (IS-318, LTB-11)	Each	14343
1.51.19	OEM Rates	Hand Hole Cover	49	C.I. (IS-210, FG.260)	Each	72100
1.51.20	OEM Rates	Key for Pump Half Coup.	53	Steel	Each	7676

Rates for spares of Flowmore make Pumps (Rates are inclusive of CP and exclusive of cartage & GST)						
Drg. No. CSD/ S-12353						
DJB Item Code	SOR Reference	Description			Unit	Rates Rs.
		Name of Item	Part No	MOC		
1.52.1	OEM Rates	Bowl Wearing Ring	1	G.M. (IS-318, Gr.2)	Each	983343
1.52.2	OEM Rates	Strainer	2	M.S.	Each	78675
1.52.3	OEM Rates	Bearing Suction	6	G.M. (IS-318, Gr.5)	Each	48782
1.52.4	OEM Rates	Sand Cap	8	M.S.	Each	34234
1.52.5	OEM Rates	Impeller Collect	10	EN-8	Each	29898
1.52.6	OEM Rates	Brg. Interbowl	11	G.M. (IS-318, Gr.5)	Each	48782
1.52.7	OEM Rates	Impeller	12	Bronze	Each	199897
1.52.8	OEM Rates	Top Bowl Bearing	14	G.M. (IS-318, Gr.5)	Each	48782
1.52.9	OEM Rates	Bowl Bush	15	Cutless Rubber	Each	8767
1.52.10	OEM Rates	Pump Shaft	17	S.S.-410	Each	89876
1.52.11	OEM Rates	Connector Bearing	22	G.M. (IS-318, Gr.2)	Each	54346
1.52.12	OEM Rates	Shaft Coupling	23	EN-1A	Each	34239
1.52.13	OEM	Brg. Retainer	24	Bronze	Each	243765

1.52.14	Rates OEM Rates	Line Shaft	25	EN-9	Each	76565
1.52.15	OEM Rates	Top Shaft Sleeve	32	S.S.-410	Each	34876
1.52.16	OEM Rates	Packing Box Bush	33	G.M. (IS-318, Gr.2)	Each	38786
1.52.17	OEM Rates	Packing Box	34	C.I.	Each	76523
1.52.18	OEM Rates	Spg. Loaded Grease Cup with NRV	35	Steel	Each	34234
1.52.19	OEM Rates	Packing Pcs	36	Graphite Asbestos	Each	11234
1.52.20	OEM Rates	Water Slinger Assy.	38	C.I.	Each	29745
1.52.21	OEM Rates	Top Shaft	41	EN-9	Each	76565
1.52.22	OEM Rates	Packing Gland	46	G.M. (IS-318, Gr.2)	Each	36543
1.52.23	OEM Rates	Line Shaft Sleeve	49	S.S.-410	Each	34876
1.52.24	OEM Rates	Line Shaft Brg.	50	Cutless Rubber	Each	9870

Rates for spares of Flowmore make Pumps
(Rates are inclusive of CP and exclusive of cartage & GST)

DJB Item Code	SOR Reference	Drg. No. CSD/ S-12343				Unit	Rates Rs.
		Name of Item	Description		MOC		
			Part No				
1.53.1	OEM Rates	Bowl Wearing Ring	1	G.M. (IS-318, Gr.2)	Each	98343	
1.53.2	OEM Rates	Strainer	2	M.S.	Each	78675	
1.53.3	OEM Rates	Bearing Suction	6	G.M.(IS-318, Gr.5)	Each	48782	
1.53.4	OEM Rates	Sand Cap	8	M.S.	Each	34234	
1.53.5	OEM Rates	Impeller Collet	10	EN-8	Each	29898	
1.53.6	OEM Rates	Brig. Interbowl	11	G.M.(IS-318, Gr.5)	Each	48782	
1.53.7	OEM Rates	Impeller	12	Bronze	Each	199897	
1.53.8	OEM Rates	Top Bowl Bearing	14	G.M.(IS-318, Gr.5)	Each	48782	
1.53.9	OEM Rates	Bowl Bush	15	Cutless Rubber	Each	8767	
1.53.10	OEM Rates	Pump Shaft	17	S.S.-410	Each	89876	
1.53.11	OEM Rates	Connector Bearing	22	G.M. (IS-318, Gr.2)	Each	54346	
1.53.12	OEM Rates	Shaft Coupling	23	EN-1A	Each	34239	

1.53.13	OEM Rates	Brig. Retainer	24	Bronze	Each	243765
1.53.14	OEM Rates	Line Shaft	25	EN-9	Each	76565
1.53.15	OEM Rates	Top Shaft Sleeve	32	S.S.-410	Each	34876
1.53.16	OEM Rates	Packing Box Bush	33	G.M. (IS-318, Gr.2)	Each	38786
1.53.17	OEM Rates	Packing Box	34	C.I.	Each	76523
1.53.18	OEM Rates	Spg. Loaded Grease Cup with NRV	35	Steel	Each	34234
1.53.19	OEM Rates	Packing Pcs	36	Graphite Asbestos	Each	11234
1.53.20	OEM Rates	Water Slinger Assy	38	C.I.	Each	29745
1.53.21	OEM Rates	Top Shaft	41	EN-9	Each	76565
1.53.22	OEM Rates	Packing Gland	46	G.M. (IS-318, Gr.2)	Each	36543
1.53.23	OEM Rates	Line Shaft Sleeve	49	S.S.-410	Each	34876
1.53.24	OEM Rates	Line Shaft Brg.	50	Cutless Rubber	Each	9870

Rates for spares of Flowmore make Pumps (Rates are inclusive of CP and exclusive of cartage & GST)						
Drg. No. CSD/ S-12363						
DJB Item Code	SOR Reference	Description			Unit	Rates Rs.
		Name of Item	Part No	MOC		
1.54.1	OEM Rates	Bowl Wearing Ring	1	G.M. (IS-318, Gr.2)	Each	98343
1.54.2	OEM Rates	Strainer	2	M.S.	Each	78675
1.54.3	OEM Rates	Bearing Suction	6	G.M. (IS-318, Gr.5)	Each	48782
1.54.4	OEM Rates	Sand Cap	8	M.S.	Each	34234
1.54.5	OEM Rates	Impeller Collet	10	EN-8	Each	29898
1.54.6	OEM Rates	Brg. Interbowl	11	G.M. (IS-318, Gr.5)	Each	48782
1.54.7	OEM Rates	Impeller	12	Bronze	Each	199897
1.54.8	OEM Rates	Top Bowl Bearing	14	G.M. (IS-318, Gr.5)	Each	48782
1.54.9	OEM Rates	Bowl Bush	15	Cutless Rubber	Each	8767
1.54.10	OEM Rates	Pump Shaft	17	S.S.-410	Each	89876
1.54.11	OEM Rates	Connector Bearing	22	G.M. (IS-318, Gr.2)	Each	54346
1.54.12	OEM Rates	Shaft Coupling	23	EN-1A	Each	34239
1.54.13	OEM	Brg. Retainer	24	Bronze	Each	243765

1.54.14	Rates OEM Rates	Line Shaft	25	EN-9	Each	76565
1.54.15	OEM Rates	Top Shaft Sleeve	32	S.S.-410	Each	34876
1.54.16	OEM Rates	Packing Box Bush	33	G.M. (IS-318, Gr.2}	Each	38786
1.54.17	OEM Rates	Packing Box	34	C.I.	Each	76523
1.54.18	OEM Rates	Spg. Loaded Grease Cup with NRV	35	Steel	Each	34234
1.54.19	OEM Rates	Packing Pcs	36	Graphite Asbestos	Each	11234
1.54.20	OEM Rates	Water Slinger Assy.	38	C.I.	Each	29745
1.54.21	OEM Rates	Top Shaft	41	EN-9	Each	76565
1.54.22	OEM Rates	Packing Gland	46	G.M. (IS-318, Gr.2)	Each	36543
1.54.23	OEM Rates	Line Shaft Sleeve	49	S.S.-410	Each	34876
1.54.24	OEM Rates	Line Shaft Brg.	50	Cutless Rubber	Each	9870

RATES FOR DISMANTLING AND REFITTING OF FLOWMORE MAKE PUMPS AFTER REPAIRING (Rates are inclusive of CP and exclusive of cartage & GST)				
DJB Item Code	SOR Reference	Description	Unit	Rates Rs.
1.55.1	OEM Rates	Dismantling and refitting of pump including decoupling from motor taking out from pump house to outside with held of crane/hydra cutting of nut bolt with gas cutter as per requirement of site. Pump Size upto 250 mm dia	Each	50000
1.55.2	OEM Rates	Dismantling and refitting of pump including decoupling from motor taking out from pump house to outside with held of crane/hydra cutting of nut bolt with gas cutter as per requirement of site. Pump Size above 250 mm dia to 500 mm dia	Each	75000
1.55.3	OEM Rates	Dismantling and refitting of pump including decoupling from motor taking out from pump house to outside with held of crane/hydra cutting of nut bolt with gas cutter as per requirement of site. Pump Size above 500 mm dia to 750 mm dia	Each	99000
1.55.4	OEM Rates	Dismantling and refitting of pump including decoupling from motor, removing motor from pump taking out pump from well to out side with help of crane/hydra cutting of nut bolt with gas cutter as per requirement of site. V T Pump model 12M/3tg and 14M/3stg	Each	60000

1.55.5	OEM Rates	Dismantling and refitting of pump including decoupling from motor, removing motor from pump taking out pump from well to out side with help of crane/hydra cutting of nut bolt with gas cutter as per requirement of site. V T Pump model 13H/5tg	Each	75000
1.55.6	OEM Rates	Transportation charges from pump house to workshop and back to pump house	Each	20000

CHAPTER-2

SUBMERSIBLE PUMPS

2(a) RATES FOR SPARES OF MODY MAKE PUMPS

(Rates are inclusive of CP and exclusive of cartage and GST)

DJB Item Code	SOR Reference	Descriptions	Unit	M-100 M M-100S/ M 1.5 HP (Rs.)	M-120 M M-154T 2 HP (Rs.)	M-204 T 3 HP (Rs.)	M/G-504 T 5 HP (Rs.)	M/G-530 T 7.5 HP (Rs.)	M/G-554 T 10 HP (Rs.)	M/G-702 T 16 HP (Rs.)	M/G-902T 35 HP (Rs.)
2.1.1	OEM Rate	O Ring Set	Each	599	698	749	798	798	848	1148	1247
2.1.2	OEM Rate	Cable Grommet	Each	40	40	45	50	55	60	70	80
2.1.3	OEM Rate	Lead Grommet	Each	40	40	45	50	55	60	70	80
2.1.4	OEM Rate	Impeller	Each	3491	5486	5985	6983	7980	8479	10474	12469
2.1.5	OEM Rate	Diffuser	Each	2993	4489	4988	6484	6983	7481	8479	9476
2.1.6	OEM Rate	Base Plate	Each	1796	2245	2444	2843	3043	3242	4988	6484
2.1.7	OEM Rate	Wear Plate	Each	2993	4489	4988	6484	6983	7481	8479	9476
2.1.8	OEM Rate	Mechanical Seal Upper	Each	3990	4489	4489	5486	5985	6484	8978	9975
2.1.9	OEM Rate	Mechanical Seal Lower	Each	3990	4489	4489	5486	5985	6484	8978	9975
2.1.10	OEM Rate	Rewinding kit	Each	3990	4489	4988	5985	6484	7481	8978	9975
2.1.11	OEM Rate	Hardware	Each	449	449	499	649	749	848	948	1247
2.1.12	OEM Rate	PVC Cable	Each	200	250	299	350	399	474	649	749
2.1.13	OEM Rate	Cable Gland with rope	Each	3990	4489	4988	5985	6983	7980	8978	9975
2.1.14	OEM Rate	Strainer	Each	1846	2245	2444	2644	2843	3192	3990	4988
2.1.15	OEM Rate	Outer Casing	Each	3491	5486	6983	12469	14464	15461	17456	21446

2.1.16	OEM Rate	Stator Casing	Each	3491	5486	6484	7481	8180	11471	22444	30424
2.1.17	OEM Rate	Ball bearing upper	Each	549	649	749	848	948	1048	1646	2245
2.1.18	OEM Rate	Ball bearing lower	Each	948	948	1048	1247	1447	1596	2045	2544
2.1.19	OEM Rate	Contract or	Each	--	--	--	4489	4988	5486	5985	6983
2.1.20	OEM Rate	Stud Lower	Each	200	209	299	350	350	449	649	848
2.1.21	OEM Rate	Stud Upper	Each	200	299	299	350	350	499	649	848
2.1.22	OEM Rate	Discharge Outlet	Each	1247	1347	1447	2993	3192	3491	4988	5486
2.1.23	OEM Rate	Oil Diaphragm	Each	1995	2494	2993	3491	3791	3990	4788	7481
2.1.24	OEM Rate	Diffuser Holder	Each	2494	2993	3491	4489	4988	5586	6484	7481
2.1.25	OEM Rate	Distance Sleeves	Each	848	1048	1247	1447	1547	1846	2045	2245
2.1.26	OEM Rate	Oil Bag	Each	5486	6484	6483	8479	8978	9476	9975	11970
2.1.27	OEM Rate	Top Bracket	Each	5486	5985	7481	8479	9476	10474	22444	24439
2.1.28	OEM Rate	Bearing Bracket	Each	2494	2993	3491	5486	6484	6983	9476	12469
2.1.29	OEM Rate	Bearing Bracket	Each	549	649	749	848	898	1148	1447	1846
2.1.30	OEM Rate	Contract Cover	Each	--	--	--	3491	3990	5486	6484	7481
2.1.31	OEM Rate	Oil Seal	Each	549	649	749	848	848	1247	1447	2444

Rates for Job Work of Mody Make Dewatering Pumps:-
(Rates are inclusive of CP and exclusive of cartage and GST)

DJB Item Code	SOR Reference	Description	Unit	Rates Rs.							
				M100 M M100 S/M	M120 M M154 T/2HP	M204 T/ 3HP	M/G5 04T 5HP	M/G 530 T 7.5 HP	M/G 554T 10HP	M/G- 702 T 16 HP	M/G 902T 35 HP
2.2.1	OEM Rate	Labour Charges for Rewinding (1 job)	Each	648	698	748	847	847	947	1845	2543
2.2.2	OEM Rate	Labour Charges for Repairing & Balancing of Rotor (1 job)	Each	499	599	648	648	748	798	947	1246
2.2.3	OEM Rate	Labour Charges for Dismantling / Assembling / Testing / Painting (1 job)	Each	1246	1246	1397	1496	1796	1796	2195	2494

Rates for Spares of Mody make Sewage Pump sets:-
(Rates are inclusive of CP and exclusive of cartage and GST)

DJB Item Code	SOR Reference	Descriptions	Unit	Rates Rs.					
				M-121S 2 HP	MS-231/232S 3 HP	MS-252S 5 HP	MS-481/482S 10 HP	MS-6152S 15 HP	MS-6202S 20 HP
2.3.1	OEM Rate	O Ring Set	Each	649	848	948	1247	1846	2245
2.3.2	OEM Rate	Cable Grommet	Each	80	100	120	140	174	250
2.3.3	OEM Rate	Lead Grommet	Each	80	100	120	140	174	250
2.3.4	OEM Rate	Impeller	Each	4489	5486	10474	15461	22444	24439
2.3.5	OEM Rate	Diffuser	Each	4988	5486	5985	6484	7182	8479
2.3.6	OEM Rate	Base Type	Each	3491	4489	5486	6983	8479	9476
2.3.7	OEM Rate	Wear Plate	Each	4988	5486	5985	6484	7182	8479
2.3.8	OEM Rate	Mechanical Seal Upper	Each	6983	7182	7481	7980	8978	12469
2.3.9	OEM Rate	Mechanical Seal Lower	Each	6983	7182	7481	7980	8978	12469
2.3.10	OEM Rate	Rewinding Kit	Each	6983	7481	7980	9476	15461	18454
2.3.11	OEM Rate	Hardware	Each	499	599	649	848	1226	1646
2.3.12	OEM Rate	PVC Cable	Each	299	350	449	948	1048	1247
2.3.13	OEM Rate	Cable Gland with Rope	Each	4489	4988	5486	7980	9476	10474
2.3.14	OEM Rate	Wearing Ring	Each	2544	3542	4489	6484	7481	8479
2.3.15	OEM Rate	Locking Kit	Each	3192	3791	4489	5486	6484	8479
2.3.16	OEM Rate	Stator Casing	Each	6983	9975	12469	14464	17456	18454
2.3.17	OEM Rate	Ball Bearing Upper	Each	948	1048	1247	2245	6484	7481
2.3.18	OEM Rate	Ball Bearing Lower	Each	3542	4040	5486	9476	12469	18454
2.3.19	OEM	Contractor	Each	3242	4840	5486	6484	7481	9476

	Rate								
2.3.20	OEM Rate	Stud Lower	Each	350	399	499	599	898	1447
2.3.21	OEM Rate	Stud Upper	Each	399	449	549	649	1048	1646
2.3.22	OEM Rate	Diffuser Ring	Each	3491	4489	5486	6484	7481	9476
2.3.23	OEM Rate	Diffuser Centre	Each	4489	5486	6484	7481	9476	10474
2.3.24	OEM Rate	Discharge Out	Each	2245	3491	5486	7481	9476	11471
2.3.25	OEM Rate	Discharge Sleeves	Each	1646	1846	1946	2245	3542	5486
2.3.26	OEM Rate	Oil Beg	Each	4489	5486	7481	9476	10474	12469
2.3.27	OEM Rate	Upper Bearing Bracket	Each	2544	4489	5486	6484	7481	9476
2.3.28	OEM Rate	Lower Bearing Bracket	Each	2245	3542	4539	6534	7481	9476
2.3.29	OEM Rate	Handle	Each	1995	2494	3491	3990	5486	6484
2.3.30	OEM Rate	Contractor Cover	Each	1347	1378	1646	1846	2045	2245
2.3.31	OEM Rate	Oil Seal	Each	1048	1197	1347	1846	2444	3542
2.3.32	OEM Rate	Pump Volute	Each						
2.3.33	OEM Rate	Pump Base	Each	3491	4489	6484	8479	9476	10474

Rates for Job Work of Mody make Sewage Pumpsets:-
(Rates are inclusive of CP and exclusive of cartage and GST)

DJB Item Code	SOR Reference	Description	Rates Rs.					
			MS-1215 2 HP	MS-231/232 S 3 HP	MS-252S 5 HP	MS-481/482 S 10 HP	MS-6122S 15 HP	MS-6202S 20HP
2.4.1	OEM Rate	Job Work of Sewage						
2.4.2	OEM Rate	Labour Charges for Rewinding (1 job)	998	1197	1346	1446	2244	2494
2.4.3	OEM Rate	Labour Charges for Repairing & Balancing of Rotor (1 job)	798	998	1197	1446	1215	2494
2.4.4	OEM Rate	Labour Charges for Dismantling / Assembling / Testing / Painting (1 job)	1446	1645	1215	2842	3192	3990

Rates for Spares of Mody make Sludge Pump sets:-
(Rates are inclusive of CP and exclusive of cartage and GST)

DJB Item Code	SOR Reference	Description	Unit	Rates Rs.		
				NC 06350 06 HP	NC 08350 08 HP	NC 10350 10 HP
2.5.1	OEM Rate	O Ring Set	Each	1048	1247	1447
2.5.2	OEM Rate	Cable Grommet	Each	80	100	120
2.5.3	OEM Rate	Lead Grommet	Each	80	100	120
2.5.4	OEM Rate	Impeller	Each	6484	7481	9476
2.5.5	OEM Rate	Diffuser	Each	4988	5486	5985
2.5.6	OEM Rate	Base Type	Each	7481	10474	16459
2.5.7	OEM Rate	Wear Plate	Each	4988	5486	5985
2.5.8	OEM Rate	Mechanical Seal Upper	Each	7481	7481	8479
2.5.9	OEM Rate	Mechanical Seal Lower	Each	7481	7481	8479
2.5.10	OEM Rate	Rewinding Kit	Each	6983	7481	7980
2.5.11	OEM Rate	Hardware	Each	499	599	848
2.5.12	OEM Rate	PVC Cable	Each	399	449	649
2.5.13	OEM Rate	Cable Gland with Rope	Each	4988	5985	7481
2.5.14	OEM Rate	Wearing Ring	N/A	N/A	N/A	N/A
2.5.15	OEM Rate	Locking Kit	N/A	N/A	N/A	N/A
2.5.16	OEM Rate	Stator Casing	Each	9476	12469	14464
2.5.17	OEM Rate	Ball Bearing Upper	Each	1048	1247	1447
2.5.18	OEM Rate	Ball Bearing Lower	Each	3043	3242	3542
2.5.19	OEM Rate	Contractor	Each	4539	5486	6484
2.5.20	OEM Rate	Stud Lower	Each	599	698	798
2.5.21	OEM Rate	Stud Upper	Each	698	798	898
2.5.22	OEM Rate	Diffuser Ring	--	--	--	--
2.5.23	OEM Rate	Diffuser Centre	--	--	--	--
2.5.24	OEM Rate	Discharge Out	Each	2843	3542	4539
2.5.25	OEM Rate	Discharge Sleeves	Each	1646	1846	2045
2.5.26	OEM Rate	Oil Beg	Each	6484	7481	8479
2.5.27	OEM Rate	Upper Bearing Bracket	Each	4489	5836	7481
2.5.28	OEM Rate	Lower Bearing Bracket	Each	4489	5486	6484
2.5.29	OEM Rate	Handle	Each	1995	2494	3491
2.5.30	OEM Rate	Contractor Cover	Each	1447	1846	2494
2.5.31	OEM Rate	Oil Seal	Each	1347	1547	2494
2.5.32	OEM Rate	Pump Volute	Each	4489	18454	22444
2.5.33	OEM Rate	Pump Base	Each			

Rates for Job Work of Mody make Sludge Pump:-
(Rates are inclusive of CP and exclusive of cartage and GST)

Rates Rs.					
DJB Item Code	SOR Reference	Description	NC 06350 06 HP	NC 08350 08 HP	NC 10350 10 HP
2.6.1	OEM Rate	Labour Charges for Rewinding (1 job)	847	947	1047
2.6.2	OEM Rate	Labour Charges for Repairing & Balancing of Rotor (1 job)	698	798	898
2.6.3	OEM Rate	Labour Charges for Dismantling / Assembling / Testing / Painting (1 job)	1496	1796	1995

2(b) Rates for BS make 5HP (4'') submersible pump sets: -
(Rates are inclusive of CP, cartage and exclusive of GST)

DJB Item Code	SOR Reference	Description	Unit	Rates Rs.
2.7.1	OEM Rate	Rewinding kit of motor	Each	6075
2.7.2	OEM	Cable 1.5 sq mm	Meter	63
2.7.3	OEM	G.M. bearing bush	Each	297
2.7.4	OEM	E.P stage bowl	Each	196
2.7.5	OEM	Sand Guard	Each	99
2.7.6	OEM	Balancing of rotor	Each	545
2.7.7	OEM	Rotor sleeve turning & Grinding	Each	158
2.7.8	OEM	Labour Charges	Each	1170

Rates for BS make 5HP (6'') submersible pump sets: -
(Rates are inclusive of CP, cartage and exclusive of GST)

DJB Item Code	SOR Reference	Description	Unit	Rates Rs.
2.8.1	OEM Rate	Rewinding kit of motor	Each	6435
2.8.2	OEM	Cable 2.5 sq mm	Meter	90
2.8.3	OEM	G.M. bearing bush	Each	455
2.8.4	OEM	Coupling Sleeve	Each	387
2.8.5	OEM	Guide bush	Each	171
2.8.6	OEM	Distance bush	Each	207
2.8.7	OEM	Stamping Repairing	Each	873
2.8.8	OEM	Rotor sleeve turning & grinding	Each	207
2.8.9	OEM	Impeller Repairing	Each	248
2.8.10	OEM	Labour Charges	Each	1935

Rates for BS make 7.5 HP submersible pump sets: -
(Rates are inclusive of CP, cartage and exclusive of GST)

DJB Item Code	SOR Reference	Description	Unit	Rates Rs.
2.9.1	OEM Rate	Rewinding kit of motor	Each	7326
2.9.2	OEM	Cable 2.5 sq mm	Meter	90
2.9.3	OEM	G.M. bearing bush	Each	455
2.9.4	OEM	Upper bush	Each	248
2.9.5	OEM	Guide bush	Each	171
2.9.6	OEM	Distance bush	Each	207
2.9.7	OEM	Stamping Repairing	Each	873
2.9.8	OEM	Rotor sleeve turning & grinding	Each	207
2.9.9	OEM	Impeller Repairing	Each	248

2.9.10	OEM	Labour Charges	Each	1935
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Rates for BS make 10 HP submersible pump sets: -
(Rates are inclusive of CP, cartage and exclusive of GST)

DJB Item Code	SOR Reference	Description	Unit	Rates Rs.
2.10.1	OEM Rate	Rewinding kit of motor	Each	8415
2.10.2	OEM	Cable 2.5 sq mm	Meter	90
2.10.3	OEM	G.M. bearing bush	Each	455
2.10.4	OEM	Sand Guard	Each	158
2.10.5	OEM	Guide bush	Each	171
2.10.6	OEM	Distance bush	Each	207
2.10.7	OEM	Balancing of rotor	Each	873
2.10.8	OEM	Rotor sleeve turning & grinding	Each	207
2.10.9	OEM	Impeller Repairing	Each	248
2.10.10	OEM	Labour Charges	Each	2025

Rates for BS make 15 HP (6") submersible pump sets: -
(Rates are inclusive of CP, cartage and exclusive of GST)

DJB Item Code	SOR Reference	Description	Unit	Rates Rs.
2.11.1	OEM Rate	Rewinding kit of motor	Each	9810
2.11.2	OEM	Cable 4 sq mm	Meter	113
2.11.3	OEM	G.M. bearing bush	Each	455
2.11.4	OEM	Sand Guard	Each	158
2.11.5	OEM	Guide bush	Each	171
2.11.6	OEM	Distance bush	Each	207
2.11.7	OEM	Balancing of rotor	Each	873
2.11.8	OEM	Rotor sleeve turning & grinding	Each	207
2.11.9	OEM	Impeller Repairing	Each	248
2.11.10	OEM	Labour Charges	Each	2250

Rates for BS make 15 HP (8'') submersible pump sets: -
(Rates are inclusive of CP, cartage and exclusive of GST)

DJB Item Code	SOR Reference	Description	Unit	Rates Rs.
2.12.1	OEM Rate	Rewinding kit of motor	Each	11250
2.12.2	OEM	Cable 4 sq mm	Meter	113
2.12.3	OEM	G.M. bearing bush	Each	495
2.12.4	OEM	Sand Guard	Each	198
2.12.5	OEM	Guide bush	Each	297
2.12.6	OEM	Distance bush	Each	315
2.12.7	OEM	Balancing of rotor	Each	1089
2.12.8	OEM	Rotor sleeve turning & grinding	Each	248
2.12.9	OEM	Impeller Repairing	Each	297
2.12.10	OEM	Labour Charges	Each	2520

Rates for BS make 20 HP (6'') submersible pump sets: -
(Rates are inclusive of CP, cartage and exclusive of GST)

DJB Item Code	SOR Reference	Description	Unit	Rates Rs.
2.13.1	OEM Rate	Rewinding kit of motor	Each	11970
2.13.2	OEM	Cable 4 sq mm	Meter	113
2.13.3	OEM	G.M. bearing bush	Each	455
2.13.4	OEM	Sand Guard	Each	158
2.13.5	OEM	Guide bush	Each	171
2.13.6	OEM	Distance bush	Each	207
2.13.7	OEM	Epoxy paint of rotor	Each	545
2.13.8	OEM	Rotor sleeve turning & grinding	Each	207
2.13.9	OEM	Impeller Repairing	Each	248
2.13.10	OEM	Labour Charges	Each	2340

Rates for BS make 20 HP (8'') submersible pump sets: -
(Rates are inclusive of CP, cartage and exclusive of GST)

DJB Item Code	SOR Reference	Description	Unit	Rates Rs.
2.14.1	OEM Rate	Rewinding kit of motor	Each	15300
2.14.2	OEM	Cable 4 sq mm	Meter	113
2.14.3	OEM	G.M. bearing bush	Each	495
2.14.4	OEM	Sand Guard	Each	198
2.14.5	OEM	Guide bush	Each	297
2.14.6	OEM	Distance bush	Each	315
2.14.7	OEM	Epoxy paint of rotor	Each	765
2.14.8	OEM	Rotor sleeve turning & grinding	Each	248
2.14.9	OEM	Impeller Repairing	Each	297
2.14.10	OEM	Labour Charges	Each	2700

2 (c) Rates for SU Make submersible Pump Set Spares
(Rates are inclusive of CP, cartage and exclusive of GST)

DJB Item Code	Description	Unit		Rates Rs.			
				SU 4" (5)	7.5,10,12 HP	25 TO 40HP	60 TO 120 HP
					SU 6"	SU 8"	SU 10"/12'
2.15.1	Additional Stage	Each		95	185		
2.15.2	Additional Stage-2	Each	30	40	55		
2.15.3	Diffuser	Each		240			
2.15.4	Discharge Outlet	Each		430	702		
2.15.5	Distance Bush	Each		195	320	350	
2.15.6	E.P impeller	Each	205				
2.15.7	E.P Stage Bowl	Each	205				
2.15.8	Guide Bush	Each		175	305	450	
2.15.9	Hock Bolts Up to 4 stage	Each		80	135		
2.15.10	Impeller New	Each		725	1075	4500	
2.15.11	Impeller Key	Each		25	30	100	
2.15.12	Impeller Re-metaling & Turning	Each	124	315	355	830	
2.15.13	Inlet Ring	Each	130	190	310		
2.15.14	Labour Charge For Pump	Each	950	1200	1500	7500	
2.15.15	N.R.V Body	Each	420	640	930	4000	
2.15.16	Neck Ring	Each		210	302	881	
2.15.17	Pump Sand Chamber	Each		165	270		
2.15.18	Pump Shaft one stage	Each	130	290	370	830	
2.15.19	S.S. shaft	Each					
2.15.20	Stage Bowl C.I	Each		515	930	5500	
2.15.21	Stage casing C.I	Each		410	750		
2.15.22	Suction Chamber	Each	460	530	702		
2.15.23	Upper Bush	Each	110	260	290	390	
2.15.24	Upper Sleeve	Each	110	180	200	290	

Rates for SU Make submersible Pump Set Spares
(Rates are inclusive of CP, cartage and exclusive of GST)

DJB Item Code	Description	Unit		Rates Rs.		
				SU 4" (5)	7.5,10,12 HP	25 TO 40HP
2.16.1	Balancing Of Rotor	Each	625	SU 6"	SU 8"	SU 10"/12'
				1200	1250	3710
2.16.2	Connection Piece	Each		440	625	4500
2.16.3	Coupling Sleeve With Key	Each	215	320	410	738
2.6.4	Epoxy Paint Of Rotor	Each	450	550	800	2660
2.16.5	Flange With Stud & Nuts	Each		250	320	2500
2.16.6	Bearing Bush	Each	270	375	590	1855
2.16.7	Lower Housing	Each	330	485	595	6500
2.16.8	Motor base	Each	310	585	860	6200
2.16.9	Rotor and Welding, Key making	Each	200	300	400	2130
2.16.10	Rotor Sleeve	Each	175	240	302	1000
2.16.11	Rotor Sleeve Turning & Grinding	Each	210	300	400	1000
2.16.12	Sand Guard	Each	85	170	270	500
2.16.13	Seal Bush	Each	150	260	302	800
2.16.14	Sealing Ring	Each		110	125	?
2.16.15	Stamping Repairing	Each	600	1290	1290	3660
2.16.16	Thrust Bearing (S.A.T Bearing)	Each	410	760	1506	3500
2.16.17	Thrust Plate	Each	270	530	850	2245
2.16.18	Upper Housing	Each	302	595	810	1600
2.16.19	Water Seal	Each	25	35	45	65

Rates for SU Make submersible Pump Set Spares
(Rates are inclusive of CP, cartage and exclusive of GST)

DJB Item Code	Description	Unit	HP	Rates Rs.		
				4"	6"	8"
A	Rewinding kit for motor	Each				
2.17.1	Do	Each	0.50	3130		
2.17.2	Do	Each	1	3400		
2.17.3	Do	Each	2	4200		
2.17.4	Do	Each	3	5400	5500	
2.17.5	Do	Each	5	6700	6990	
2.17.6	Do	Each	7.50		7790	
2.17.7	Do	Each	10		9500	10500
2.17.8	Do	Each	12.50		9800	11000
2.17.9	Do	Each	15		10500	12300
2.17.10	Do	Each	20		13500	18000
2.17.11	Do	Each	25			21000
2.17.12	Do	Each	30			22000
B	Dismantling, assembling, replacement of spares, painting with To&fro cartage from site to work & work to site.					
2.18.1	Do	Each	0.5-10	4500		
2.18.2	Do	Each	15.50-30 12.50-30	7500		

Rates for SU Make Mono Sub. Spares
(Rates are inclusive of CP, cartage and exclusive of GST)

DJB Item Code	Description	Unit	Rates(Rs.)
2.19.1	G.M Bearing bush	Each	725
2.19.2	Rotor Sleeve	Each	1025
2.19.3	Thrust Plate	Each	1485
2.19.4	SAT Bearing	Each	1130
2.19.5	S.S. Shaft	Each	1250

Rates for SU Make submersible Pump Set Spares
(Rates are inclusive of CP, cartage and exclusive of GST)

DJB Item Code	Description	Unit	HP	Rates(Rs.)			
				SU 4"	SU 6"	SU 8"	SU 10"/12"
A	Rewinding kit for motor	Each					
2.20.1	Do	Each	0.5	2898			
2.20.2	Do	Each	0.75	3048			
2.20.3	Do	Each	1	3185			
2.20.4	Do	Each	1.50	3513			
2.20.5	Do	Each	2	3956			
2.20.6	Do	Each	2.50	4531			
2.20.7	Do	Each	3	5037	5100		
2.20.8	Do	Each	4	5675	6300		
2.20.9	Do	Each	5	6325	6500		
2.20.10	Do	Each	6		7200		
2.20.11	Do	Each	7.50		7500		
2.20.12	Do	Each	10		8500	9990	
2.20.13	Do	Each	12.50		8900	10200	
2.20.14	Do	Each	15		9990	11400	
2.20.15	Do	Each	17.50		10900	12400	
2.20.16	Do	Each	20		12500	16800	
2.20.17	Do	Each	22		14980	18700	
2.20.18	Do	Each	25			19900	
2.20.19	Do	Each	30			24000	
2.20.20	Do	Each	35			29000	
2.20.21	Do	Each	40			34500	
2.20.22	Do	Each	50			40500	
2.20.23	Do	Each	62				68000
2.20.24	Do	Each	80				85000
2.20.25	Do	Each	120				99900

B	Dismantling, assembling, replacement of spares, painting with To&fro cartage from site to work & work to site.	Each					
2.21.1		Each	0.5-10	3500			
2.21.2		Each	12.5-20		4500		
2.21.3		Each	25-40			6500	
2.21.4		Each	45-60			8000	
2.21.5		Each	75-120				15000

Rates for SU Make Induction Motor Rewinding
(Rates are inclusive of CP, cartage and exclusive of GST)

DJB Item Code.	Description	Unit		Rates Rs.
A	Rewinding kit for motor	Each	HP	
2.22.1	Do	Each	1	3762
2.22.2	Do	Each	2	4551
2.22.3	Do	Each	3	5710
2.22.4	Do	Each	5	7268
2.22.5	Do	Each	7.50	7819
2.22.6	Do	Each	10	12208
2.22.7	Do	Each	12.50	13291
2.22.8	Do	Each	15	14013
2.22.9	Do	Each	20	14900
2.22.10	Do	Each	25	15346
2.22.11	Do	Each	30	17894
2.22.12	Do	Each	40	22268
2.22.13	Do	Each	50	26435
2.22.14	Do	Each	60	27978
2.22.15	Do	Each	75	33410
2.22.16	Do	Each	100	46075
2.22.17	Do	Each	120	87400
	Dismantling, assembling, replacement of spares, painting with To&fro cartage from site to work & work to site.	Each		
2.23.1	Do	Each	1-10	2850
2.23.2	Do	Each	12.5-20	4275
2.23.3	Do	Each	25-40	6175
2.23.4	Do	Each	45-60	7600
2.23.5	Do	Each	75-120	14250

2(d) RATES FOR "SKOPE" MAKE SUBMERSIBLE MOTOR SPARE PARTS & LABOUR CHARGES:-

(Rates are inclusive of CP, cartage and exclusive of GST)

DJB Item Code	SOR Reference	Description	Unit	Rates Rs.	
				4" MOTOR	6" MOTOR
2.24.1	OEM Rates	REWINDING KIT FOR MOTOR 1 HP	Each	3278	N/A
2.24.2	OEM Rates	REWINDING KIT FOR MOTOR 1.50 HP	Each	3658	N/A
2.24.3	OEM Rates	REWINDING KIT FOR MOTOR 2 HP	Each	4180	N/A
2.24.4	OEM Rates	REWINDING KIT FOR MOTOR 3 HP	Each	5035	5035
2.24.5	OEM Rates	REWINDING KIT FOR MOTOR 4 HP	Each	5700	5700
2.24.6	OEM Rates	REWINDING KIT FOR MOTOR 5 HP	Each	6698	6698
2.24.7	OEM Rates	REWINDING KIT FOR MOTOR 6 HP	Each	7315	7315
2.24.8	OEM Rates	REWINDING KIT FOR MOTOR 7.50 HP	Each	N/A	7600
2.24.9	OEM Rates	REWINDING KIT FOR MOTOR 10 HP	Each	N/A	8740
2.24.10	OEM Rates	REWINDING KIT FOR MOTOR 12 HP	Each	N/A	9705
2.24.11	OEM Rates	REWINDING KIT FOR MOTOR 15 HP	Each	N/A	10260
2.24.12	OEM Rates	REWINDING KIT FOR MOTOR 17.50 HP	Each	N/A	10260
2.24.13	OEM Rates	REWINDING KIT FOR MOTOR 20 HP	Each	N/A	12540
2.24.14	OEM Rates	REWINDING KIT FOR MOTOR 22.50 HP	Each	N/A	13680
2.24.15	OEM Rates	ROTOR SLEEVE TURNING & POLISHING	Each	209	209
2.24.16	OEM Rates	ROTOR END WELDING TURNING & POLISHING	Each	N/A	
2.24.17	OEM Rates	&KEY WAY MAKING	Each	418	418
2.24.18	OEM Rates	G.M BEARING BUSH	Each	314	470
2.24.19	OEM Rates	WATER SEALS	Each	29	48
2.24.20	OEM Rates	SEAL BUSH	Each	181	257
2.24.21	OEM Rates	CONNECTION PIECE	Each	380	475
2.24.22	OEM Rates	UPPER HOUSING	Each	366	627
2.24.23	OEM Rates	LOWER HOUSING	Each	366	627
2.24.24	OEM Rates	MOTOR VASE	Each	366	627
2.24.25	OEM Rates	THRUST BEARING (S.A.T BEARING)	Each	418	836
2.24.26	OEM Rates	THURST PLATE	Each	314	627
2.24.27	OEM Rates	SAND GUARD	Each	105	157
2.24.28	OEM Rates	COUPLING SLEEV WITH KEY	Each	247	380
2.24.29	OEM Rates	FLANGE WITH STUD AND NUTS	Each	N/A	333
2.24.30	OEM Rates	SEALLING RING	Each		124
2.24.31	OEM Rates	STAMPING REPAIRING	Each	570	902
2.24.32	OEM Rates	BALACING OF ROTOR	Each	570	902
2.24.33	OEM Rates	THURST PLATE REPAIRING	Each	157	238
2.24.34	OEM Rates	THRUST BASE REPAIRING	Each	157	261
2.24.35	OEM Rates	MOTOR BASE REPAIRING	Each	157	209

2.24.36	OEM Rates	HOUSING REPAIRING	Each	157	261
2.24.37	OEM Rates	EPOXY PAINT FOR ROTOR	Each	475	570
2.24.38	OEM Rates	LABOUR CHARGES FOR MOTOR	Each	618	808



2 (e) Rates for Kishor make sewage submersible pumps: -
(Rates are inclusive of CP, cartage and exclusive of GST)

DJB Item Code	SOR Reference	Description	Unit	Rates Rs.								
				20 HP	35 HP	40 HP	50 HP	60 HP	75 HP	120 HP	150 HP	
2.25.1	OEM	Seal leakage sensor	Each	265	265	265	265	265	265	265	350	350
2.25.2	OEM	Impeller key	Each	970	1000	1000	1000	1210	1210	1210	3592	4600
2.25.3	OEM	Impeller cap	Each	3810	3810	5665	5665	7699	7699	7665	13670	13670
2.25.4	OEM	Circlip set	Each	1050	1075	1075	1075	1129	1075	1275	1275	2747
2.25.5	OEM	Impeller lock washer	Each	780	795	795	795	835	795	835	900	900
2.25.6	OEM	O-Ring Set	Each	1370	1410	1410	1410	2310	2310	2310	5560	5860
2.25.7	OEM	Plug with joint ring (air & Oil)	Each	1220	1220	1220	1220	1220	1220	1220	1220	1220
2.25.8	OEM	Cable entry kit	Each	1760	1820	1820	1820	2910	1820	4820	23090	23090
2.25.9	OEM	Impeller nut/ SH screw	Each	4250	5100	5100	5100	5355	5100	5355	5500	5365
2.25.10	OEM	RRP Set	Each	1920	1920	1920	1920	1920	1920	1920	2620	3450
2.25.11	OEM	Bearing set	Each	32904	48220	48200	48220	59031	48220	62200	114700	114700
2.25.12	OEM	Stator winding	Each	51410	62690	66960	70690	74200	70690	86200	140400	148200
2.25.13	OEM	Hydraulic fastener set	Each	8380	15995	15995	17995	18895	17995	18895	22220	22220
2.25.14	OEM	Terminal block set	Each	920	1945	1945	2245	2892	2245	1945	6810	6810
2.25.15	OEM	Bottom plate with adjusting screws	Each	30250	35370	35370	43370	51035	43370	53370	62150	62150
2.25.16	OEM	Impeller – ROC (Rates Rs. change as per weight & MOC)	Each	29900	36700	36700	36700	57750	36700	48700	55500	52600
2.25.17	OEM	Cable Gland	Each	1845	1900	1900	2300	2995	2300	2995	5200	5200
2.25.18	OEM	Motor mechanical seal	Each	16780	18305	18305	18305	21300	18305	21300	27370	27370

2.25.19	OEM	Pump mechanical seal	Each	25032	27290	27290	27290	27290	28655	28665	68370	68370
2.25.20	OEM	Nilos ring	Each	2000	2200	2200	2200	2200	2800	2800	3208	3742
2.25.21	OEM	Bearing cover	Each	1680	2400	2400	2400	2400	3260	4890	4140	4245
2.25.22	OEM	Spacer set.	Each	1520	2200	2200	2200	2200	2600	2600	3010	3925
2.25.23	OEM	Supply of round sewage submersible power cable	Each	710	1535	1135	1535	1535	1927	2435	2660	3250
2.25.24	OEM	Supply of control cable.	Each	140	140	140	140	140	140	140	140	140
2.25.25	OEM	Oil (Terbinol-46) qty changed as per model.	Each	495	495	495	495	495	495	495	495	495
2.25.26	OEM	Pump Monitor Unit (Standard Model)	Each	10200	10200	10200	10200	10200	10200	10200	10200	10200
2.25.27	OEM	Hiring of crane for lifting and loading of pump from the side.	Each	6000	12000	8000	12000	12000	9000	9000	8000	12000
2.25.28	OEM	Dismantling of pump & accessories from the sump by using the heavy/skilled labour.	Each	8000	8000	8000	8000	8000	8000	8500	10000	10000
2.25.29	OEM	Transport charges from site to work shop and return including loading, unloading.	Each	9000	9000	9000	10500	10500	10500	10500	12000	15000
2.25.30	OEM	Complete hydro testing of pump	Each	8000	10500	10500	10500	10500	10500	12000	12800	13200
2.25.31	OEM	Balancing/ Inspection of shaft	Each	9500	9500	9500	9500	9500	9500	9500	11500	12500

2.25.32	OEM	Labour Charges with repairs	Each	10000	15000	15000	15000	18500	20000	22200	25000
2.25.33	OEM	Painting of complete pump after scrubbing the rust from the pump with double coat	Each	4500	6500	6500	6500	6500	6500	7500	7500
2.25.34	OEM	Testing 7 of commissioning of submersible pump on load and no load at site.	Each	8500	8500	8500	8500	8500	8500	8500	8500

CHAPTER-3

MOTORS

3 (a) Rates for Repairing/Rewinding of 'KEC' make squirrel cage horizontal motors (1440 RPM)

(Rates are inclusive of CP and cartage & exclusive of GST)

DJB Item Code	SOR Reference	Description	Qty	Rates Rs.									
				25 HP	30 HP	40 HP	50 HP	60 HP	75 HP	90 HP	100 HP	125 HP	150 HP
3.1.1	OEM Rates	Rewinding of stator with F class insulation	Each	24000	27500	30500	40000	46500	61500	73500	77000	99000	115000
	OEM Rates	Repairing of rotor shaft DE & NDE side.	Each	4000	4400	4950	5700	7000	8400	8800	9900	16500	16500
3.1.2	OEM Rates	Repairing of bearings ends shield DE & NDE side	Each	4250	4700	5250	6450	7700	8800	9350	9900	17500	17500
3.1.3	OEM Rates	Fixing charge of bearing with greacing (we will charged extra & 15% discount of current bearing rate list if bearing provide by us.	Each	500	600	750	900	1200	1350	1500	1500	2000	2000
3.1.4	OEM Rates	Assembling the complete motor with both side cartage	Each	3850	4400	4950	6600	7700	8800	10400	11000	13750	16500
3.1.5	OEM Rates	Old scrap rebate	Each	3000	4000	4500	5000	6000	7500	9000	10000	12500	15000

Rates for Rewinding of 'KEC' make slipring (960 RPM, 3.3 KV) horizontal motors:-
(Rates are inclusive of CP and cartage & exclusive of GST)

DJB Item Code	SOR Reference	Description	Unit	Rates Rs.		
				330 KW	350 KW	425 KW
3.2.1	OEM Rates	Rewinding of stator with F class insulation	Each	352000	418000	374000
3.2.2	OEM Rates	Rewinding of rotor with F class insulation	Each	528000	610000	625000
3.2.3	OEM Rates	Balancing of rotor	Each	22000	22000	22000
3.2.4	OEM Rates	Rotor: Cleaning the rotor winding with cleaning solvent. Replacement of rotor winding fiber glass Teflon copper flexible leads. Varnishing of rotor winding with Dr. Beck varnish and baking the same.	Each	70000	70000	75000
3.2.5	OEM Rates	Cleaning of stator winding by CRC/CTC. Insulating the stator winding over hang portion with F class insulation. Replacement of stator winding fiber glass Teflon copper flexible leads varnishing beck hole spraying dying out stator winding and HV testing	Each	110000	110000	118500
3.2.6	OEM Rates	Repairing of rotor shaft DE & NDE side.	Each	44000	44000	44000
3.2.7	OEM Rates	Repairing of bearing ends shield DE & NDE side	Each	46200	46200	46200
3.2.8	OEM Rates	Fixing charge of bearing with greccing (we will charged extra & 15% discount of current bearing rate list if bearing provide by us	Each	7000	7000	8500
3.2.9	OEM Rates	Assembling the complete motor with both side cartage	Each	27500	27500	27500
3.2.10	OEM Rates	Old scrap rebate	Each	100000	120000	110000

Rates for Rewinding of 'KEC' make slipring (960 RPM) horizontal motors:-

(Rates are inclusive of CP and cartage & exclusive of GST)

DJB Item Code	SOR Reference	Description	Unit	Rates Rs.						
				100 KW	150 KW	160 KW	175 KW	200/220 KW	280/300 KW	375 KW
3.3.1	OEM Rates	Rewinding of stator with F class insulation	Each	112000	148500	159500	220000	231000	253000	319000
3.3.2	OEM Rates	Rewinding of rotor with F class insulation	Each	116500	148500	159500	220000	220000	250000	310000
3.3.3	OEM Rates	Balancing of rotor	Each	7150	13750	13750	13750	13750	13750	13750
3.3.4	OEM Rates	Repairing of rotor shaft DE & NDE side.	Each	16500	26250	27500	30750	33000	35000	42900
3.3.5	OEM Rates	Repairing of bearing ends shield DE & NDE side	Each	17600	26400	30750	33000	39600	44000	44000
3.3.6	OEM Rates	Fixing charge of bearing with greacing (we will charged extra & 15% discount of current bearing rate list if bearing provide by us	Each	2000	2500	2500	3000	3500	4500	6000
3.3.7	OEM Rates	Assembling the complete motor with both side cartage	Each	11000	13200	16500	16500	16500	16500	22000
3.3.8	OEM Rates	Old scrap rebate	Each	25000	40000	40000	50000	60000	70000	90000

Rates for Repairing/Rewinding of 'KEC' make slipring (1440 RPM) horizontal motors:-

(Rates are inclusive of CP and cartage & exclusive of GST)

Rates Rs.											
DJB Item Code	SOR Reference	Description	Unit	50 HP	60 HP	100 HP	125 HP	150 HP	170 HP	180 HP	240 HP
3.4.1	OEM Rates	Rewinding of stator with F class insulation	Each	49000	57750	85800	88000	107250	120000	127000	165500
3.4.2	OEM Rates	Rewinding of rotor with F class insulation	Each	48400	57200	82500	88000	103400	115500	121000	162800
3.4.3	OEM Rates	Balancing of rotor	Each	3300	4400	4950	5500	6600	8250	8800	12650
3.4.4	OEM Rates	Repairing of rotor shaft DE & NDE side.	Each	7700	9900	14250	14250	16500	19800	19800	26250
3.4.5	OEM Rates	Repairing of bearing ends shield DE & NDE side	Each	8250	10450	14300	14300	17600	20250	20250	27500
3.4.6	OEM Rates	Fixing charge of bearing with greacing (we will charged extra & 15% discount of current bearing rate list if bearing provide by us	Each	900	1200	1500	2000	2000	2500	2500	3000
3.4.7	OEM Rates	Assembling the complete motor with both side cartage	Each	6600	8250	11000	11000	13200	13200	15400	16500
3.4.8	OEM Rates	Old scrap rebate	Each	10000	12000	20000	20000	30000	34000	36000	42000

3 (b) Rates for Spares of Jyoti Make Slipring Motor
(Rates are inclusive of CP and exclusive of cartage & GST)

DJB Item Code	SOR Reference	Description	Unit	Motor Model Rates Rs.					
				100 KW-220 KW LT	270 KW-375 KW LT	55 KW-LT	75 KW-LT	375 KW LT	500 KW HT 11 KV
3.5.1	OEM Rates	Slipring	Each	96899	99176	17034	68646	96899	320243 (New Model) 185449 (Old Model)
3.5.2	OEM Rates	Carbon Brush	Each	1529	1529	1183	1529	1529	3025
3.5.3	OEM Rates	Holder	Each	6595	6595	3405	6595	6595	10560
3.5.4	OEM Rates	Spindle	Each	2800	2800	2211	2800	2800	5280
3.5.5	OEM Rates	Cable Single	Each	9625	NA	NA	NA	10670	10670
3.5.6	OEM Rates	Cable Double	Each	NA	10670	NA	NA	NA	NA
3.5.7	OEM Rates	Cable	Each	NA	NA	5913	9625	NA	NA

CHAPTER – 4

BAR SCREENS

4 (a) Rates of Spares for Cable Rake Bar ‘Johnson’ make:-
(Rates are inclusive of CP and exclusive of cartage & GST)

DJB Item Code	SOR Reference	Description	Unit	Rates Rs.
4.1.1	OEM Rates	Wire Rope	Each	618
4.1.2	OEM Rates	Clamp	Each	247
4.1.3	OEM Rates	BallBearing6002	Each	618
4.1.4	OEM Rates	Deep Groove ball bearing 6004	Each	618
4.1.5	OEM Rates	External Cir clip	Each	124
4.1.6	OEM Rates	Dead Weight	Per Set	12350
4.1.7	OEM Rates	Motor Drive Assembly	Per Set	185250
4.1.8	OEM Rates	Assembly of Rope Guide	Per Set	61750
4.1.9	OEM Rates	Wheel Detect. Assembly	Per Set	101270
4.1.10	OEM Rates	Torque Arm Bracket Assembly	Per Set	61750
4.1.11	OEM Rates	Limit & Proximity Assembly	Per Set	14820

Rates of Spares for Multirake bar screen 'Johnson' make:-
(Rates are inclusive of CP and exclusive of cartage & GST)

DJB Item Code	SOR Reference	Description	Unit	Rates Rs.
4.2.1	OEM Rates	Scrapper Assembly (Usmwpe&SS)	Per Set	37050
4.2.2	OEM Rates	Chain And Chain Assembly (SS)	Meter	8707
4.2.3	OEM Rates	Sprocket	Per Set	61750
4.2.4	OEM Rates	Chain Guide Set(Uhmwpe)	Per Set	308750
4.2.5	OEM Rates	Curved Chain Guide(Uhmwpe)	Per Set	25318
4.2.6	OEM Rates	Flat Curved Chain Guide(SS)	Per Set	18525
4.2.7	OEM Rates	Lower Chain Guide Assembly(SS)	Per Set	76570
4.2.8	OEM Rates	Torque ARM Bracket R.H	Each	37050
4.2.9	OEM Rates	Bracket-Torque ARM Bracket Fixing	Each	30875
4.2.10	OEM Rates	Hardware Required For Above Assemblies	Per Set	38422

Rates of Spares for Subo Rotary Drum Screen 'Johnson' make:-

(Rates are inclusive of CP and exclusive of cartage & GST)

DJB Item Code	SOR Reference	Description	Unit	Rates Rs.
4.3.1	OEM Rates	Spurge Nozzle	Each	1359
4.3.2	OEM Rates	Spurge & Support Bracket	Each	2223
4.3.3	OEM Rates	Brush Type Cleaning System Assembly	Each	108063
4.3.4	OEM Rates	Urethane Bearing Assembly	Each	73483
4.3.5	OEM Rates	Stabilizer Wear Block Matching details	Each	3149
4.3.6	OEM Rates	WS150TrunnionAssembly	Each	74718
4.3.7	OEM Rates	Front Seal	Each	68543
4.3.8	OEM Rates	Spurge Pipe	Each	2470
4.3.9	OEM Rates	DSP200DrainerScrewPress Line	Each	2347
4.3.10	OEM Rates	DSP200DrainerScrewPress Liner	Each	13585

Rates of Spares for Subo 200 x 200 'Johnson' make:-
(Rates are inclusive of CP and exclusive of cartage & GST)

DJB Item Code	SOR Reference	Description	Unit	Rates Rs.
4.4.1	OEM Rates	Spurge Nozzle	Each	1359
4.4.2	OEM Rates	Rear urethane Bearing Fabrication	Each	25318
4.4.3	OEM Rates	Rear Bearing Insert details	Each	1482
4.4.4	OEM Rates	Frontal Details	Each	74100
4.4.5	OEM Rates	Trunnion Wheel	Each	76570
4.4.6	OEM Rates	Brush Type Cleaning System	Each	123500
4.4.7	OEM Rates	Lined Trough Section	Each	23465
4.4.8	OEM Rates	Wear Block	Each	1359
4.4.9	OEM Rates	Timing Belt-	Each	71013
4.4.10	OEM Rates	Spurge Pipe	Each	17908

Rates of Spares for KUR-D* Multi rake bar screen 'Johnson' make:-

(Rates are inclusive of CP and exclusive of cartage & GST)

DJB Item Code	SOR Reference	Description	Unit	Rates Rs.
4.5.1	OEM Rates	LH & RH Bottom Side Chain Guide arrangement	Per Set	39520
4.5.2	OEM Rates	Nylon Brush for Scrapper	Per Set	4570
4.5.3	OEM Rates	Scrapper Pad for clean comb	Per Set	6916
4.5.4	OEM Rates	Chain Guide Set	Per Set	204393
4.5.5	OEM Rates	Chain Assembly	Per Set	411873
4.5.6	OEM Rates	Comb Attachment Guide	Per Set	1791
4.5.7	OEM Rates	Pin Spacer Assembly	Per Set	13585

CHAPTER-5

EOT CRANE / HOISTS

5 (a) RATES FOR SPARE OF 'WESTER' MAKE EOT CRANES:-

(Rates are inclusive of CP & cartage and exclusive of GST)

Rates of spares including installation, testing and commissioning charges - 1 Ton EOT Crane							
5.1.1	OEM Rates	Panel	Each				58500
5.1.2	OEM Rates	Drum	Each				45000
5.1.3	OEM Rates	Brake	Each				31500
5.1.4	OEM Rates	Wire rope	Each				19800
5.1.5	OEM Rates	Gear box (Main hoist)	Each				67500
5.1.6	OEM Rates	Gear box (CT,LT)	Each				49500
5.1.7	OEM Rates	Hook with pulley	Each				31500
5.1.8	OEM Rates	DSI Cable (with cable hangers)	Meter				1080
5.1.9	OEM Rates	Pendant	Each				2250

Rates of spares including installation, testing and commissioning charges - 2 Ton EOT Crane							
5.2.1	OEM Rates	Panel	Each				67500
5.2.2	OEM Rates	Drum	Each				54000
5.2.3	OEM Rates	Brake	Each				40500
5.2.4	OEM Rates	Wire rope	Each				24300
5.2.5	OEM Rates	Gear box (Main hoist)	Each				73800
5.2.6	OEM Rates	Gear box (CT,LT)	Each				56700
5.2.7	OEM Rates	Hook with pulley	Each				35100
5.2.8	OEM Rates	DSI Cable (with cable hangers)	Meter				1080
5.2.9	OEM Rates	Pendant	Each				2250

Rates of spares including installation, testing and commissioning charges - 3 Ton EOT Crane							
5.3.1	OEM Rates	Panel	Each				72000
5.3.2	OEM Rates	Drum	Each				58500
5.3.3	OEM Rates	Brake	Each				51300
5.3.4	OEM Rates	Wire rope	Each				31500
5.3.5	OEM Rates	Gear box (Main hoist)	Each				81000
5.3.6	OEM Rates	Gear box (CT,LT)	Each				67500
5.3.7	OEM Rates	Hook with pulley	Each				42300
5.3.8	OEM Rates	DSI Cable (with cable hangers)	Meter				1080
5.3.9	OEM Rates	Pendant	Each				2250

Rates of spares including installation, testing and commissioning charges - 5 Ton EOT Crane							
5.4.1	OEM Rates	Panel	Each				85500
5.4.2	OEM Rates	Drum	Each				76500
5.4.3	OEM Rates	Brake	Each				67500
5.4.4	OEM Rates	Wire rope	Each				37800
5.4.5	OEM Rates	Gear box (Main hoist)	Each				121500
5.4.6	OEM Rates	Gear box (CT,LT)	Each				76500
5.4.7	OEM Rates	Hook with pulley	Each				55800
5.4.8	OEM Rates	DSI Cable (with cable hangers)	Meter				1080
5.4.9	OEM Rates	Pendant	Each				2250

Rates of spares including installation, testing and commissioning charges - 7.5 Ton EOT Crane							
5.5.1	OEM Rates	Panel	Each				139500
5.5.2	OEM Rates	Drum	Each				121500
5.5.3	OEM Rates	Brake	Each				94500
5.5.4	OEM Rates	Wire rope	Each				58500
5.5.5	OEM Rates	Gear box (Main hoist)	Each				292500
5.5.6	OEM Rates	Gear box (CT,LT)	Each				229500

5.5.7	OEM Rates	Hook with pulley	Each				81000
5.5.8	OEM Rates	DSI Cable (with cable hangers)	Meter				1080
5.5.9	OEM Rates	Pendant	Each				2250

Rates of spares including installation, testing and commissioning charges - 10 Ton EOT Crane

5.6.1	OEM Rates	Panel	Each				175500
5.6.2	OEM Rates	Drum	Each				157500
5.6.3	OEM Rates	Brake	Each				121500
5.6.4	OEM Rates	Wire rope	Each				76500
5.6.5	OEM Rates	Gear box (Main hoist)	Each				490500
5.6.6	OEM Rates	Gear box (CT,LT)	Each				337500
5.6.7	OEM Rates	Hook with pulley	Each				139500
5.6.8	OEM Rates	DSI Cable (with cable hangers)	Meter				1080
5.6.9	OEM Rates	Pendant	Each				3150

Rates of spares including installation, testing and commissioning charges - 15 Ton EOT Crane

5.7.1	OEM Rates	Panel	Each				310500
5.7.2	OEM Rates	Drum	Each				211500
5.7.3	OEM Rates	Brake	Each				229500
5.7.4	OEM Rates	Wire rope	Each				130500
5.7.5	OEM Rates	Gear box (Main hoist)	Each				679500
5.7.6	OEM Rates	Gear box (CT,LT)	Each				472500
5.7.7	OEM Rates	Hook with pulley	Each				247500
5.7.8	OEM Rates	DSI Cable (with cable hangers)	Meter				1080
5.7.9	OEM Rates	Pendant	Each				3150

Rates of spares including installation, testing and commissioning charges - 20 Ton EOT Crane							
5.8.1		Panel	Each				490500
5.8.1	OEM Rates	Drum	Each				337500
5.8.2	OEM Rates	Brake	Each				346500
5.8.3	OEM Rates	Wire rope	Each				247500
5.8.4	OEM Rates	Gear box (Main hoist)	Each				859500
5.8.5	OEM Rates	Gear box (CT,LT)	Each				652500
5.8.6	OEM Rates	Hook with pulley	Each				355500
5.8.7	OEM Rates	DSI Cable (with cable hangers)	Meter				1080
5.8.8	OEM Rates	Pendant	Each				3150

5 (b) RATES FOR W.H. BRADY & CO. LTD. CRANES & HOIST

(Rates are inclusive of CP, cartage and exclusive of GST)

Rates for EOT 3 Ton Crane Spare

DJB Item Code	SOR Reference	Description	Unit	Rates Rs.
5.9.1	OEM Rates	Pendent 8 Ways	Each	24700
5.9.2	OEM Rates	Limit Switch	Each	21138
5.9.3	OEM Rates	DSL RBYG	1 Mtr	2294
5.9.4	OEM Rates	Break assembly for main Hoist	Each	49400
5.9.5	OEM Rates	Gear box Assembly for Long Travel.	Each	40500
5.9.6	OEM Rates	Break assembly for Cross Travel	Each	21565
5.9.7	OEM Rates	Current Collector	1 Set	15675
5.9.8	OEM Rates	Panel Box for Long Travel	Each	28500
5.9.9	OEM Rates	Motor With Break Assembly for Long travel	Each	57000
5.9.10	OEM Rates	Motor With Break Assembly for Cross travel	Each	46025
5.9.11	OEM Rates	PVC Cable	1 Mtr	618
5.9.12	OEM Rates	Trolley for multi Cable	Each	371
5.9.13	OEM Rates	Wire Rope 12mm	1 Mtr	903
Rates for HOT 3 Ton Crane Spares				
5.10.1	OEM Rates	Driving Pinion	Each	6270
5.10.2	OEM Rates	Friction Washer	Each	404
5.10.3	OEM Rates	Hand Chain Wheel	Each	7548
5.10.4	OEM Rates	Ratchet Wheel	Each	3373
5.10.5	OEM Rates	Load Chain Wheel	Each	7909
5.10.6	OEM Rates	Gear Cover	Each	4096
5.10.7	OEM Rates	Bush small	Each	7429
5.10.8	OEM Rates	Bush Big	Each	7429
5.10.9	OEM Rates	Ratchet Pawl	Each	1600

5 (c) RATES FOR SPARE OF 'REVA MAKE' EOT CRANES
(Rates are inclusive of CP and exclusive of Cartage & GST)

DESCRIPTION				FOR EOT CRANE			FOR HOIST		
DJB Item Code	SOR Reference	ITEM	Qty.	5T UNIT PRICE EOT	3T UNIT PRICE EOT	2T UNIT PRICE EOT	5T UNIT PRICE HOIST	3T UNIT PRICE HOIST	2T UNIT PRICE HOIST
5.11.1	OEM Rates	Brake Lining	1 Nos of each type	13538	12635	12635	13538	12635	12635
5.11.2	OEM Rates	Limit Switch	1 Nos of each type & size	16245	16245	16245	16245	16245	16245
5.11.3	OEM Rates	Gear Box input pinion (MH)	1 Nos of each type	17148	15343	14440	17148	15343	14440
5.11.4	OEM Rates	Rope Guide & Rope tighter	1 no	6318	5415	5415	6318	5415	5415
5.11.5	OEM Rates	Motor	1 No of each type	53951	41255	37608	53951	41255	37608
5.11.6	OEM Rates	Oil seal	1 set	4513	3610	3610	4513	3610	3610
5.11.7	OEM Rates	Push Button	6 nos	4332	3791	3791	4332	3791	3791

CHAPTER - 6

TRANSFORMERS

6(a) Rates for Repairing of KEC make transformers:-

(Rates are inclusive of CP and exclusive of cartage and GST)

DJB Item Code	SOR Reference	Description	Unit	Rates Rs.									
				250 KVA	315/400 KVA	500 KVA	630 KVA	750 KVA	1000 KVA	1250 KVA	1500 KVA	2000 KVA	2500 KVA
6.1.1	OEM Rates	Disconnecting of HT supply from main HT Panel after proper switching off 11 KV VCB discharging the supply. Complete drain out of transformer oil from transformer to empty oil drum by oil machine dismantling of conservator tank all protection relays cable end boxes vent pipes and other items as required	Each	6000	6600	9900	10450	11500	13750	17000	21200	25850	30250
6.1.2	OEM Rates	Cleaning of transformer oil tank and removing of sludge settled in the bottom with the help of vacuum pressure cleaning machine thoroughly, cleaning of core and winding of transformer with hot oil and proper safety precaution to prevent the winding damage as required, cutting of old overheated insulation of winding and reinsulation of weak point with the help of HT insulation material and proper taping etc.	Each	31350	33000	40150	43450	53350	51150	57200	64350	71500	87450
6.1.3	OEM Rates	Replacement of top cover gasket vertical vent gasket & missing hardware to stop the oil leakage.	Each	12650	13750	14000	15950	17600	19250	22550	23650	26950	32450
6.1.4	OEM Rates	Replacement of silica gel.	Each	1650	1650	1650	2200	2200	2350	3000	3000	3000	3300
6.1.5	OEM Rates	Checking & matching of control wiring of all protection relays and calibration of bucehlaz relay and protection relays testing the same.	Each			9900	11000	13200	13200	13200	14850	15950	21450

6.1.6	OEM Rates	Complete assembling of transponder cleaning of complete transformer tightening of all connections of incoming and outgoing side and testing & checking of IR test with megger of winding & Cable of both sides with HI pot machine.	Each	14850	15950	18150	20350	22000	24750	24750	27500	30250	37950
6.1.7	OEM Rates	Filling of T/oil to up to top up level as required to make power.	P/Ltr	135	135	135	135	135	135	135	135	135	135
6.1.8	OEM Rates	P/Fixing of winding protection pad	P/Set	4950	6000	7150	7700	8800	9900	12650	14850	18150	24750
6.1.9	OEM Rates	Repair of cooling fins, replacement of cooling fins gasket and oil seal for stopping the leakage.	Each	NIL	NIL	5500	7150	7150	7150	10150	10150	10150	13750
6.1.10	OEM Rates	Dehydration & filtration of complete transformer oil and checking the side electric strength up to 50 KV at site as required.	Each	6600	6600	9350	10450	11000	13200	13750	19250	21450	28000
6.1.11	OEM Rates	Complete cleaning and chemically washing of oily and muddy transformer body and painting of transformer with enamel paint	Each	9900	9900	9900	11000	12000	13200	13750	14850	16500	21450

CHAPTER- 7

HT PANELS

7(a) Rates for Spares of “Jyoti” Make HT switchgear panels
(Rates are inclusive of CP and exclusive of cartage and GST)

DJB Item Code	SOR Reference	Description	Unit	Rates Rs.
7.1.1		Spares for Vacuum Contactor JVM 604.33/6.6 kv		
7.1.2	OEM Rates	Vacuum contactor JVM 1-604 3.3 KV	Each	560976
7.1.3	OEM Rates	Potential Transformer 3.3 KV $\sqrt{3}/110$ $\sqrt{3}V$, 15 VA	Each	176345
7.1.4	OEM Rates	Current Transformer CTR 50 to 150 /5/5, class-1,5P10, 15 VA	Each	243173
7.1.5	OEM Rates	Vacuum Interrupter 3.3/6.6 kv	Each	224400
7.1.6	OEM Rates	Closing coil for VC 220 VDC	Each	32889
7.1.7	OEM Rates	Aux, Relay (Contactor) 220 VDC, 2 No + 2 NC Contacts	Each	28242
7.1.8	OEM Rates	Closing coil for VC 110 VDC	Each	16044
7.1.9	OEM Rates	Contactor 3 pole 220 vdc 3 no + 1 nc contacts	Each	39011
7.1.10	OEM Rates	Tripping coil Assembly for VC 110/220 V	Each	16673
7.1.11	OEM Rates	2 – Pole aux, Switch	Each	2994
7.1.12	OEM Rates	5 – Pole aux, Switch	Each	4094
7.1.13	OEM Rates	Push button with 1 No. 1 nc	Each	4094
7.1.14	OEM Rates	Power pack 220 VAC/30VDC	Each	48400
7.1.15	OEM Rates	Power pack 220 VAC (110/220)VDC	Each	48400
7.1.16	OEM Rates	PDS Assembly for VC 630A	Each	6739
7.1.17	OEM Rates	HT Fuse 3.6 KV upto 75 to 157 A	Each	87895
7.1.18	OEM Rates	HT Fuse 3.6 KV 50-75 A	Each	70689
7.1.19	OEM Rates	Control Transformer for VC Ratio:3.3 KV/110V/220V	Each	10782

7.1.20	OEM Rates	Bridge rectifier	Each	1101
7.1.21	OEM Rates	PT Fuse 3.3 / 6.6 kv	Each	5734
7.1.22	OEM Rates	Power Factor meter CTR/5 PTR 3.3 KV $\sqrt{3}$ /110 $\sqrt{3}$, 96 sqmm	Each	20196
7.1.23	OEM Rates	Motor Protection Relay	Each	179685

Rates for spares of “Jyoti” Make HT switchgear panels:-
(Rates are inclusive of CP and exclusive of cartage and GST)

DJB Item Code	SOR Reference	Description	Unit	Rates Rs.
7.2.1		Spares for VCB		
7.2.2	OEM Rates	TNC Switch	Each	13613
7.2.3	OEM Rates	RE -300 Relay 220 v dc	Each	4202
7.2.4	OEM Rates	Pinion gear	Each	9944
7.2.5	OEM Rates	Spur gear	Each	19899
7.2.6	OEM Rates	Tripping half shaft with spring	Each	4360
7.2.7	OEM Rates	Closing half shaft	Each	4360
7.2.8	OEM Rates	Tripping coil 30v dc	Each	15158
7.2.9	OEM Rates	Closing coil 30v dc	Each	15158
7.2.10	OEM Rates	PT Fuse 11 kv	Each	6943
7.2.11	OEM Rates	RE-300 Relay 30v dc	Each	4201
7.2.12	OEM Rates	Micro switch	Each	472
7.2.13	OEM Rates	Barker aux switch	Each	9580
7.2.14	OEM Rates	(75S) 5 – Pole Aux. switch	Each	4788
7.2.15	OEM Rates	(75T) 5 – Pole Aux. switch	Each	4788
7.2.16	OEM Rates	Spring charging motor	Each	56628
7.2.17	OEM Rates	Bridge rectifier	Each	1101
7.2.18	OEM Rates	Power peck 240 vAc / 30 v DC 100 va	Each	48400
7.2.19	OEM Rates	VCB VK 10 J 13	Each	693000
7.2.20	OEM Rates	RE 300 Relay 220 v ac	Each	4201
7.2.21	OEM Rates	Panel Heater	Each	3634
7.2.22	OEM Rates	Potential Transformer 11 KV √3/110	Each	222640

		$\sqrt{3}V, 15VA$		
7.2.23	OEM Rates	Current Transformer CTR 50 to 150/5/5, class-1, 5P10,15VA	Each	264940
7.2.24	OEM Rates	Vacuum Interrupter 11 kv	Each	272800

DSD

Rates for Servicing of “Jyoti” Make Breaker & Panel:-
(Rates are inclusive of CP and exclusive of cartage and GST)

DJB Item Code	SOR Reference	Description	Unit	Rates Rs.
7.3.1		Spares for Vacuum Contactor JVM 604.33/6.6 kv		
7.3.2	OEM Rates	Refurbishment of each breaker & panel with spares provided by department/specific order (max. two days)	Each	377300

7(b) Rates for Repairing of KEC make HT Panels:-
(Rates are inclusive of CP and exclusive of cartage and GST)

DJB Item Code	SOR Reference	Description	Unit	Rates Rs.
7.4.1	OEM Rates	Dismantling of HT panel, cleaning & dust blowing of HT Panel with the help of Air blower & MTO.	Each	2200
7.4.2	OEM Rates	Servicing of KEC make MOCBNCB, cleaning the complete MOCBNCB with cleaning solvent and heating the complete MOCB/VCB& removing the moisture, Repairing of Mechanical system, repairing of lever, lock & Lubrication & greasing the mechanical system for smooth operation ON &OFF. Checking the complete MOCB/VCB with HT megger and Hi pot testing .Assembling the same	Each	35200
7.4.3	OEM Rates	Heating the HT bus bar and remove the moisture and checking the Bus bar With Hipot testing. Insulating the bus bar with moisture pro-of epoxy paint	Each	31250
7.4.4	OEM Rates	Calibration of relay with Primary injection set	Each	8250
7.4.5	OEM Rates	Heating the complete HT CT set and remove the moisture and checking the CT with Hi pot testing Calibration the HT CT with secondary injection set	Each	5950
7.4.6	OEM Rates	P/Fixing of indicating lamp	Each	225
7.4.7	OEM Rates	Replacement of power pack	Each	30000
7.4.8	OEM Rates	Insulating the bus bar supporting HT insulator	Each	550
7.4.9	OEM Rates	Insulating the Panel mounted insulator	Each	3500
7.4.10	OEM Rates	Assembling the complete panel & testing on load at site	Each	21450
7.4.11	OEM Rates	Old scrap rebate	Each	10000

CHAPTER-8

LIQUID ROTOR STARTER (LRS)

8(a) Rates for Spares for “PEI” Make L.R.R.C
(Rates are inclusive of CP, cartage and exclusive of GST)

DJB Item Code	SOR Reference	Description	Unit	Rates Rs.				
				Up to 250 HP	251-400 HP	401-550 HP	551-750 HP	751-1000 HP
8.1.1	OEM Rates	Super Insulator	Per No.	803	950	950	950	950
8.1.2	OEM Rates	Moving Electrode (set of 3 phase)	Per Set	31108	31108	35326	49718	58758
8.1.3	OEM Rates	Fixed Electrode (set of 3 phase)	Per Set	17399	17399	23095	27944	35326
8.1.4	OEM Rates	Copper flexible connection for Electrodes	Per Set	4850	4850	5748	6536	7277
8.1.5	OEM Rates	Moving copper contact for short circuiting	Per Set	1615	1615	2256	3121	3173
8.1.6	OEM Rates	Fixed copper contact for short circuiting	Per Set	1943	1943	2047	3330	4133
8.1.7	OEM Rates	Epoxy Bushing	Per Set	2575	2575	3111	3767	3767
8.1.8	OEM Rates	Worm & Worm wheel Gear with shaft	Per Set	2267	2269	31108	35325	44816
8.1.9	OEM Rates	CI Flange bearing for Operating shaft	Per Set	1425	1425	2005	2636	3007
8.1.10	OEM Rates	Short circuiting	Per Set	1739	1819	2005	2456	2689

		copper flexible						
8.1.11	OEM Rates	Geared Pilot Motor (Mercury Make 0.33 HP)	Per Set	32585	32585	35326	42085	42085
8.1.12	OEM Rates	Springs	Per Set	149	176	966	166	214
8.1.13	OEM Rates	Warm Wheel Gear	Per Set	7909	7909	7909	8963	8963

8(b) Rates for Spares for “ENTERPRISING ENGINEERS” Make L.R.R.C
(Rates are inclusive of CP, cartage and exclusive of GST)

**RATES FOR SPARES OF ‘ENTERPRISING ENGINEERS MAKE’ LIQUID
ROTOR STARTER TYPE ‘MER MODEL’:-**

DJB Item Code	SOR Reference	Description	Unit	Rate for MER-03	Rate for MER-04	rate for MER-05
8.2.1	OEM Rates	Support Insulator	No.	722	722	760
8.2.2	OEM Rates	Fixed Electrode MS	Set	16910	19760	26410
8.2.3	OEM Rates	Moving Electrode MS	Set	16910	19700	26410
8.2.4	OEM Rates	Copper flexible connection	No.	1663	1998	1948
8.2.5	OEM Rates	Copper flexible connection (Old type)	No.	3373	3658	3658
8.2.6	OEM Rates	Moving Copper contact (straight Movement)	No.	1663	1663	1663
8.2.7	OEM Rates	Moving copper contact (side movement)	No.	1758	1758	1758
8.2.8	OEM Rates	Fixed Copper Contact (Straight Movement)	No.	4513	4513	4513
8.2.9	OEM Rates	Fixed Copper contract (side movement)	No.	3373	3373	3373
8.2.10	OEM Rates	Epoxy Bushing with bolt, nut & washer	No.	2613	2945	2945
8.2.11	OEM Rates	Sector Wheel	No.	4560	4560	4560
8.2.12	OEM Rates	Worm shaft	No.	9513	4750	4750
8.2.13	OEM Rates	Reduction Gear	No.	17575	17575	17575
8.2.14	OEM Rates	Worm Shaft Bearing	No.	618	618	618
8.2.15	OEM Rates	Bearing bracket	No.	1853	1853	1853
8.2.16	OEM Rates	Short circuiting copper flexible / plate	No.	2043	2043	2043
8.2.17	OEM Rates	Short circuiting complete arrangement	Set	14060	14060	14060

8.2.18	OEM Rates	Operating shaft	No.	3658	4750	4758
8.2.19	OEM Rates	Copper 'L' for moving electrode	No.	1788	1788	1786
8.2.20	OEM Rates	Coupling	No.	806	806	806
8.2.21	OEM Rates	Declutching Spring	No.	228	228	228
8.2.22	OEM Rates	Base Plate	No.	1283	1283	1283
8.2.23	OEM Rates	Copper Bus bar-Main	Set	9925	10355	10925
8.2.24	OEM Rates	Isolating Switch (For ON & OFF)	No.	551	551	551
8.2.25	OEM Rates	Limit Switch (for Start & Run)	No.	941	991	941
8.2.26	OEM Rates	Contractor (for Lower & Raise)	No.	1824	1824	1824
8.2.27	OEM Rates	Power Contractor (for Final Short-circuiting)	No.	42950	48645	63270
8.2.28	OEM Rates	Aux Contactor	No.	1473	1473	1473
8.2.29	OEM Rates	Over Load Relay	No.	1663	1663	1663
8.2.30	OEM Rates	Amp –meter	No.	713	763	713
8.2.31	OEM Rates	On Delay Timer	No.	1758	1358	1758
8.2.32	OEM Rates	Pilot motor	No.	10260	10260	10260

**RATES FOR SPARES OF 'ENTERPRISING ENGINEERS MAKE' LIQUID
ROTOR STARTER TYPE 'LSHM MODEL':-**

DJB Item Code	SOR Reference	Description	Unit	Rate for LSHM-E1 100 KW	Rate for LSHM-E 200 KW	Rate for LSHM-1 250 KW	Rate for LSHM-2 500 KW
8.3.1	OEM Rates	Fixed Electrode MS	Set	20330	20330	29930	28310
8.3.2	OEM Rates	Moving Electrode MS	Set	17480	17480	26030	26410
8.3.3	OEM Rates	Epoxy Bushing	No.	4275	4275	4560	4560
8.3.4	OEM Rates	Support Insulator	No.	722	722	760	760
8.3.5	OEM Rates	Chain ½ " Pitch	No.	2280	2280	2660	3040
8.3.6	OEM Rates	Reduction Gear	No.	17575	17575	17575	17575
8.3.7	OEM Rates	Operating Shaft	No.	2708	2708	5800	4275
8.3.8	OEM Rates	Super Gear (1 Set consist 1 No. Gear 110 teeth & 1 No. Pinion 33 teeth)	Set	6650	6650	6650	6650
8.3.9	OEM Rates	Electrodes Guide Rod	No.	998	998	1216	1216
8.3.10	OEM Rates	Sprocket 1/2" pitch	No.	1188	1188	1188	1188
8.3.11	OEM Rates	Phase Barrier of PP Sheet 3 mm thick	Set	14250	14250	17575	19475
8.3.12	OEM Rates	Sprocket Shaft	No.	1425	1425	1425	1425
8.3.13	OEM Rates	Coupling Cast Iron-4" Gear Pulley	No.	1188	1188	1188	1188
8.3.14	OEM Rates	Spring	No.	266	266	266	266

8.3.15	OEM Rates	Declutching Arrangement Complete	Set	4750	4750	4750	4750
8.3.16	OEM Rates	Hand Wheel	No.	1388	1388	1388	1388
8.3.17	OEM Rates	Motor Pulley – 2”	No.	684	664	684	684
8.3.18	OEM Rates	Water Level Indicator	No.	3800	3800	3800	3800
8.3.19	OEM Rates	Temperature Level Indicator / Controller	No.	4750	4750	4750	4750
8.3.20	OEM Rates	Copper bus bar – Main	Set	10925	10925	11875	12825
8.3.21	OEM Rates	Isolating Switch (for ON & OFF)	No.	551	551	551	551
8.3.22	OEM Rates	Limit Switch (for Start & Run)	No.	941	941	941	941
8.3.23	OEM Rates	Contractor (forward / reverse)	No.	1824	1824	1824	1829
8.3.24	OEM Rates	Power Contractor (for Final Short Circuiting)	No.	42750	45600	48640	63270
8.3.25	OEM Rates	Aux Contractor	No.	1473	1473	1473	1473
8.3.26	OEM Rates	Over Load Relay	No.	1663	1663	1663	1663
8.3.27	OEM Rates	AMP Meter	No.	713	713	713	713
8.3.28	OEM Rates	On Delay Timer	No.	1758	1758	1758	1758
8.3.29	OEM Rates	Pilot motor	No.	10260	10260	10260	10260

FOR ENTERPRISING ENGINEERS MAKE LRS INSTALLATION / TESTING&RATES COMMISSIONING WORK

DJB Item Code	SOR Reference	Details / Particulars	Unit	Rates Rs.
8.4.1	OEM Rates	<p><u>New LRS Installation / Testing & Commissioning Work</u></p> <p>(01) Dismantling of existing Old rusted LRS, removing of cable connection, installation of New LRS in proper foundation with heavy / skilled labour as per site requirement, joint cable connection, Thimbling, Crimping etc. Filling Water in Electrolyte Tank & Mix-up required Qty. Of Sodium carbonate solution in proper ratio to achieve ph value up to 10-12. Check –up control wiring from LRS to Panel after completion of work, commissioning & testing ON/OFF Load in supervision of site –in-charge.</p>	Each	30400
8.4.2	OEM Rates	<p>Repairing / Renovation of existing LRS</p> <p>(01) Removing of Cable connection of LRS, Corrosive layer & rust in both the inner side & outer side of LRS, after cleaning Red-oxide primer in Inner side of Tank & Enabled Paint outside of the tank, replacement of all above un-serviceable parts as per site requirement. Filling New/Fresh Water in Tank & Sodium solution in proper ratio to achieve ph value up to 10-12. Check control wiring properly from LRS to Panel after completion of work. Commissioning & Testing ON/OFF load in Supervision of Site-In-Charge.</p>	Each	31825

8 (c) Rates for Supply of Spares for “Advance” Make Motorized Liquid Rotor Starters: -

(Rates are inclusive of CP and cartage & exclusive of GST)

DJB Item Code	SOR Reference	Details / Particulars	Unit	Rates Rs.
8.5.1	OEM Rates	Support insulators with nut bolts and washer in DMC/SMC	Each	1283
8.5.2	OEM Rates	Moving electrode up to 250HP	Each	10260
8.5.3	OEM Rates	Fixed electrode upto 250HP	Each	9180
8.5.4	OEM Rates	Moving Electrode 251 to 500 HP	Each	11340
8.5.5	OEM Rates	Fixed electrode 251 to 500 HP	Each	10260
8.5.6	OEM Rates	Moving electrode 500 to 1000 HP	Each	13500
8.5.7	OEM Rates	Fixed electrode 500 to 1000 HP	Each	11340
8.5.8	OEM Rates	Limit switch with roller action for start & run	Each	1485
8.5.9	OEM Rates	Auxiliary contractor with 2No+2NC for lower & raise	Each	1998
8.5.10	OEM Rates	Timer switch delay contact	Each	4950
8.5.11	OEM Rates	MS Gear BIG	Each	5445
8.5.12	OEM Rates	MS Gear Small	Each	4635
8.5.13	OEM Rates	Shorting power contractor up to 150 HP	Each	26550
8.5.14	OEM Rates	Shorting power contractor up to 151 to 250 HP	Each	29250
8.5.15	OEM Rates	Shorting power contractor up to 251 to 350 HP	Each	40050
8.5.16	OEM Rates	Shorting power contractor up to 351 to 500 HP	Each	47425
8.5.17	OEM Rates	Shorting power contractor up to 501 to 750 HP	Each	70650
8.5.18	OEM Rates	Reduction Gear box	Each	24975
8.5.19	OEM Rates	Push Button with 1 No+1NC element	Each	554
8.5.20	OEM Rates	MS chain with Garari both side	Each	2925
8.5.21	OEM Rates	Over load relay 0.5-1.5	Each	1035
8.5.22	OEM Rates	Emergency stop button	Each	585
8.5.23	OEM Rates	Bus bar set for shorting contractor up to 250 HP	Each	22050
8.5.24	OEM Rates	Bus bar set for shorting	Each	25875

		contractor up to 251 to 500 HP		
8.5.25	OEM Rates	Geared pilot motor 0.5 HP	Each	14625
8.5.26	OEM Rates	Indicating Lamps	Each	243
8.5.27	OEM Rates	Phase Sequence Relay	Each	3105

Rates for Repair & Renovation of Advance Make “LRS” :-

DJB Item Code	SOR Reference	Details / Particulars	Unit	Rates Rs.
8.6.1	OEM Rates	<p><u>New LRS Installation / Testing & Commissioning Work</u> (02) Dismantling of existing Old rusted LRS, removing of cable connection, installation of New LRS in proper foundation with heavy / skilled labour as per site requirement, joint cable connection, Thimbling, Crimping etc. Filling Water in Electrolyte Tank & Mix-up required Qty. Of Sodium carbonate solution in proper ratio to achieve ph valve up to 10-12. Check –up control wiring from LRS to Panel after completion of work, commissioning & testing ON/OFF Load in supervision of site –in-charge.</p>	Each	36000
8.6.2	OEM Rates	<p>Repairing / Renovation of existing LRS (01) Removing of Cable connection of LRS, Corrosive layer & rust in both the inner side & outer side of LRS, after cleaning Red-oxide primer in Inner side of Tank & Enabled Paint outside of the tank, replacement of all above un-serviceable parts as per site requirement. Filling New/Fresh Water in Tank & Sodium solution in proper ratio to achieve ph value up to 10-12. Check control wiring properly from LRS to Panel after completion of work. Commissioning & Testing ON/OFF load in Supervision of Site-In-Charge.</p>	Each	32760

CHAPTER-9

9(a) Rates for "Premium" Make Gearboxes Spares.

(Rates are inclusive of CP and exclusive of cartage & GST)

DJB Item Code	SOR Reference	Mandatory Spares of Complete Gearbox Model – VH3M-225,31.4/1,P1, WITH MFA & I/P CPLG,P1	Unit	Rates Rs.
9.1.1	OEM Rates	FIRST STAGE WHEEL FOR VH3M225, RATIO= 31:4/1	Each	119074
9.1.2	OEM Rates	FIRST STAGE WHEEL FOR VH3M225, RATIO= 31:4/1	Each	146556
9.1.3	OEM Rates	SECOND STAGE PINION FOR VH3M225, RATIO= 31:4/1	Each	128266
9.1.4	OEM Rates	SECOND STAGE WHEEL FOR VH3M225, RATIO= 31:4/1	Each	155713
9.1.5	OEM Rates	THIRD STAGE PINION FOR VH3M225, RATIO= 31:4/1	Each	137435
9.1.6	OEM Rates	THIRD STAGE WHEEL FOR VH3M225, RATIO= 31:4/1	Each	183183
9.1.7	OEM Rates	OUTPUT SHAFT FOR VH3M225, RATIO= 31:4/1	Each	45796
9.1.8	OEM Rates	OIL PUMP FOR VH3M225, RATIO= 31:4/1	Each	48628
9.1.9	OEM Rates	HOSE PIPING OF PUMP FOR VH3M225, RATIO= 31:4/1	Each	11800
9.1.10	OEM Rates	OIL SEAL SET FOR VH3M225, RATIO= 31:4/1 (1 Set= 2no.-Input+Output Oil Seal)	Each	7741
9.1.11	OEM Rates	CASING WITH MOTOR FLANGE FOR VH3M225, RATIO= 31:4/1	Each	348100
9.1.12	OEM Rates	DIPSTICK FOR VH3M225, RATIO= 31:4/1	Each	2950
9.1.13	OEM Rates	BREATHER FOR VH3M225, RATIO= 31:4/1	Each	23600

DJB Item Code	SOR Reference	Mandatory Spares of Gearbox Model - VH2M-225, 25.6/1,P1, WITH MFA & I/P CPLG,P1:-	Unit	Rates Rs.
9.2.1	OEM Rates	FIRST STAGE PINION FOR VH2M-225, 25.6/1,P1	Each	169377
9.2.2	OEM Rates	FIRST STAGE WHEEL FOR VH2M-225, 25.6/1,P1	Each	177094
9.2.3	OEM Rates	SECOND STAGE PINION FOR VH2M-225, 25.6/1,P1/1	Each	184764

9.2.4	OEM Rates	SECOND STAGE WHEEL FOR VH2M-225, 25.6/1,P1	Each	192434
9.2.5	OEM Rates	OUTPUT SHAFT FOR VH2M-225, 25.6/1,P1	Each	61620
9.2.6	OEM Rates	OIL PUMP FOR VH2M-225, 25.6/1,P1	Each	48628
9.2.7	OEM Rates	HOSE PIPING OF PUMP FOR VH2M-225,25.6/1,P1	Each	11800
9.2.8	OEM Rates	OIL SEAL SET FOR VH2M-225, 25.6/1,P1 (1 Set= 2no.-Input+Output Oil Seal)	Each	7741
9.2.9	OEM Rates	CASING WITH MOTOR FLANGE FOR VH2M-225, 25.6/1,P1	Each	283836
9.2.10	OEM Rates	DIPSTICK FOR VH2M-225, 25.6/1,P1	Each	2950
9.2.11	OEM Rates	BREATHER FOR VH2M-225, 25.6/1,P1	Each	23600

DJB Item Code	SOR Reference	Mandatory Spares Gearbox Model - Gearbox Model VH2M-200, Ratio - 25.6/1 WITH MFA & I/P CPLG,P1:-	Unit	Rates Rs.
9.3.1	OEM Rates	FIRST STAGE PINION FOR Model VH2M-200, Ratio - 25.6/1	Each	139582
9.3.2	OEM Rates	FIRST STAGE WHEEL FOR Model VH2M-200, Ratio - 25.6/1	Each	145895
9.3.3	OEM Rates	SECOND STAGE PINION FOR Model VH2M-200, Ratio - 25.6/1	Each	152267
9.3.4	OEM Rates	SECOND STAGE WHEEL FOR Model VH2M-200, Ratio - 25.6/1	Each	158639
9.3.5	OEM Rates	OUTPUT SHAFT FOR Model VH2M-200, Ratio - 25.6/1	Each	50775
9.3.6	OEM Rates	OIL PUMP FOR Model VH2M-200, Ratio - 25.6/1	Each	48628
9.3.7	OEM Rates	HOSE PIPING OF PUMP FOR Model VH2M-200, Ratio - 25.6/1	Each	11800
9.3.8	OEM Rates	OIL SEAL SET FOR Model VH2M-200, Ratio - 25.6/1 (1 Set= 2no.-Input+Output Oil Seal)	Each	7387
9.3.9	OEM Rates	CASING WITH MOTOR FLANGE FOR Model VH2M-200, Ratio - 25.6/1	Each	277300
9.3.10	OEM Rates	DIPSTICK FOR Model VH2M-200, Ratio - 25.6/1	Each	2950
9.3.11	OEM Rates	BREATHER FOR Model VH2M-200, Ratio - 25.6/1	Each	23600

DJB Item Code	SOR Reference	Mandatory Spares of Gearbox Model STD - U 400 2W, Ratio 50/1 R:-	Unit	Rates Rs.
9.4.1	OEM Rates	Worm Shaft for Gearbox Model-STD - U 400 2W, Ratio 50/1 R	Each	13959
9.4.2	OEM Rates	Worm Wheel for Gearbox Model-STD - U 400 2W, Ratio 50/1 R	Each	26727
9.4.3	OEM Rates	Wheel Shaft for Gearbox Model-STD - U 400 2W, Ratio 50/1 R	Each	6195
9.4.4	OEM Rates	Fan for Gearbox Model-STD - U 400 2W, Ratio 50/1 R	Each	1156
9.4.5	OEM Rates	Oil Seal Set for Gearbox Model-STD - U 400 2W, Ratio 50/1 R	Each	2950
9.4.6	OEM Rates	Cowl for Gearbox Model-STD - U 400 2W, Ratio 50/1 R	Each	1652
9.4.7	OEM Rates	Case for Gearbox Model-STD - U 400 2W, Ratio 50/1 R	Each	22160
9.4.8	OEM Rates	Breather for Gearbox Model-STD - U 400 2W, Ratio 50/1 R	Each	720

DJB Item Code	SOR Reference	Mandatory Spares of Gearbox Model STD - V 400 2W, Ratio 50/1 LY:-	Unit	Rates Rs.
9.5.1	OEM Rates	Worm Shaft for Worm Gearbox Model-STD -V 400 2W, Ratio 50/1 LY	Each	13959
9.5.2	OEM Rates	Worm Wheel for Worm Gearbox Model-STD -V 400 2W, Ratio 50/1 LY	Each	26727
9.5.3	OEM Rates	Wheel Shaft for Worm Gearbox Model-STD -V 400 2W, Ratio 50/1 LY	Each	26963
9.5.4	OEM Rates	Fan for Worm Gearbox Model-STD -V 400 2W, Ratio 50/1 LY	Each	1156
9.5.5	OEM Rates	Oil Seal Set for Worm Gearbox Model-STD - V 400 2W, Ratio 50/1 LY	Each	2950
9.5.6	OEM Rates	Cowl for Worm Gearbox Model-STD -V 400 2W, Ratio 50/1 LY	Each	1652
9.5.7	OEM Rates	Case for Worm Gearbox Model-STD -V 400 2W, Ratio 50/1 LY	Each	22160
9.5.8	OEM Rates	Breather for Worm Gearbox Model-STD -V 400 2W, Ratio 50/1 LY	Each	720

DJB Item Code	SOR Reference	Mandatory Spares of Gearbox Model STD -A337, Ratio 30/1 LD24:-	Unit	Rates Rs.
9.6.1	OEM Rates	Worm Shaft for Worm Gearbox Model-STD -A337, Ratio 30/1 LD24	Each	10219
9.6.2	OEM Rates	Worm Wheel for Worm Gearbox Model-STD -A337, Ratio 30/1 LD24	Each	19682

9.6.3	OEM Rates	Wheel Shaft for Worm Gearbox Model-STD -A337, Ratio 30/1 LD24	Each	3446
9.6.4	OEM Rates	Fan for Worm Gearbox Model-STD -A337, Ratio 30/1 LD24	Each	814
9.6.5	OEM Rates	Oil Seal Setfor Worm Gearbox Model-STD - A337, Ratio 30/1 LD24	Each	1770
9.6.6	OEM Rates	Cowl for Worm Gearbox Model-STD -A337, Ratio 30/1 LD24	Each	1487
9.6.7	OEM Rates	Case for Worm Gearbox Model-STD -A337, Ratio 30/1 LD24	Each	1947
9.6.8	OEM Rates	Breather for Worm Gearbox Model-STD - A337, Ratio 30/1 LD24	Each	177

DJB Item Code	SOR Reference	Mandatory Spares of Gearbox Model V-1700, Ratio-40/1 HDS LY SP:-	Unit	Rates Rs.
9.7.1	OEM Rates	Worm Shaft for Gearbox Model - V-1700, Ratio-40/1 LY,5R96954SP & 5R96285SP	Each	312275
9.7.2	OEM Rates	Worm Wheel for Gearbox Model - V-1700, Ratio-40/1 LY,5R96954SP & 5R96285SP	Each	629459
9.7.3	OEM Rates	Wheel Shaft HDS for Gearbox Model - V-1700, Ratio-40/1 LY,5R96954SP & 5R96285SP	Each	315025
9.7.4	OEM Rates	Oil Seal Set for Gearbox Model - V-1700, Ratio-40/1 LY,5R96954SP & 5R96285SP	Each	56180
9.7.5	OEM Rates	Cowl(Fan Cover) for Gearbox Model - V-1700, Ratio-40/1 LY,5R96954SP & 5R96285SP	Each	19470
9.7.6	OEM Rates	Case for Gearbox Model - V-1700, Ratio-40/1 LY,5R96954SP & 5R96285SP	Each	430971
9.7.7	OEM Rates	Breather for Gearbox Model - V-1700, Ratio-40/1 LY,5R96954SP & 5R96285SP	Each	1180
9.7.8	OEM Rates	Dipstick for Gearbox Model - V-1700, Ratio-40/1 LY,5R96954SP & 5R96285SP	Each	1770

Appendix

" STOP CORONAVIRUS -
WEAR MASK, MAINTAIN SOCIAL DISTANCING,
HAND WASH REGULARLY "



DELHI JAL BOARD, GOVT. OF NCT OF DELHI
OFFICE OF THE EXECUTIVE ENGINEER(E&M)
CHANDRAWAL WATER WORKS NO.1,
CIVIL LINES, DELHI-110054
EMAIL ID:- ceem1chwtg@gmail.com



F.No. 107/DJB/EE(E&M)/2020 6/113
To,

Date: 11.12.2020

M/s National Engineering Industries Ltd.
Khatipura Road,
Jaipur-302006

Subject: - Approval of NBC make Bearings

Sir,

This is in ref. to your application & undertaking dt. 01.09.2020 for approval of NBC make Bearings. The Competent Authority has approved the inclusion in the list of approved makes for procurement of E&M equipments to be installed in all projects in DJB. This above approval is subjected to the following conditions.

1. If the performance of the product will be found unsatisfactorily by the department, the rights are reserved to delete your make from the approved list of makes.
2. Department reserves the right to delete your make for the projects without assigning any reason.
3. Firm should preferably have service centre in Delhi & NCR and also 2/3 nos. of regular authorized dealers. Further firm/dealers will quote the competitive rates as applicable to govt./semi govt. departments whenever any enquiry is received from the department without any delay.
4. All the DJB/CPWD norms as applicable from time to time will be applicable.

—sd—

(T.P.Singh)
EO to CE(WW)

Copy to:-

1. Member(W/S) - for information pls
2. Member(F) - do-
3. CE(WW) - for information pls.
4. SE(E&M)WC - do-
5. AE(E&M)FM
6. Case File Office Copy

(T.P.Singh)
EO to CE(WW)

NO. SJ/IND/2021/12

Dated 7-2-23

CIRCULAR

The comprehensive list of approved makes for procurement of E&M equipments to be installed in all projects in DJB is as under :-

1. Pump Centrifugal- M&P/KBL/Jyoti/KSB/LUBI.
2. Motors Jyoti/KEC/Crompton/ABB/Siemens/BHEL.
3. Valves- KTH/IVC/VAG/Dorot.
4. Sluice Gates - Jash /IVC.
5. Crane & Hoist - Hercules (India)/Wh. Bready/AVON/REVA.
6. Chain Pulley Block- INDEF/Hercules/REVA/ Wh. Bready.
7. Actuator - Rotark/Auma India/Limitorque.
8. 11KV Switch Gear-ABB/ Kirloskar Systems/BHEL/Jyoti/ Siemens/Crompton.
9. 15V Switch Gear/Bus Duct L&T/Siemens/ABB/C&S/Schneider/GE/EE.
10. Power Transformer- KEC/Crompton/BBL/ BHEL/ABB/Siemens.
11. Cables (power & control)- Fort Gloster/ICL/CCI/ICC/Universal/Grandlay.
12. Lighting Switch Gear/Ballast-Philips/Bajaj/Crompton/Havells.
13. Power capacitors & APFC relays-Siemens/L&T/BHEL/Crompton/ Khatau/ABB
14. Soft Starters- INNOVATIVE/JAISHREE/ Siemens/ABB/L&T/Schneider.
15. MCB/MCCB- L&T/Siemens /Havells /Indocop /MDS/Cutler Hammer/C&S.
16. Flow Meiers- ABB/Forbes Marshall/Siemens/E&H/KENT.
17. PLC SYSTEM/SCADA - Siemens/Rockwell/ABB/Schneider/E&H/Tata Honeywell/KLG/Yokogava.
18. Instrumentation- Emmerson /ABB/E&H/Siemens.
19. VFD- L&T/Schneider/Siemens/ABB/Danfoss.
20. Bar Screens-JASH/JOHNSON.

21. Submersible Pumps for Tube well - SU/BS/Mody/Great India/Skope/ABS/
KBL/KSB/GGL/LUBJ.

This list supersedes all previous circular issued on the subject.

*This list shall be reviewed periodically i.e. once in 6 months for new additions or deletions of makes. All concerned are requested to forward only the most deserving cases for approval of makes, if any, to the office of CE (SDW) N&W.

Issued with ref. to Circulars No. F-2/DJB/CE (SDW) N&W/2012/1831-90 dt.19-09-2012 and F-2/DJB/CE (SDW) N&W/2013/2556 to 597 dt. 21-01-2013.

[Signature]
SE (SDW) II

All CEs (E&M)
All SEs (E&M)
All EEs (E&M)

Copy to -

1. CEO for kind information
2. Member (Finance)/(Admin)/(WS)/(Dr)
3. All CE (Civil)s

[Signature]
SE (SDW) II



DELHI JAL BOARD; GOVT. OF NCT OF DELHI
 OFFICE OF THE CHIEF ENGINEER(WW)
 FLAT NO. E-1, TYPE-IV, STAFF QUARTERS,
 JHANDEWALAN, DELHI



P. NO. /DJB/CE(WW)/2020/ 2857/

Listed: 14-02-20

CIRCULAR

The Competent Authority has approved the following makes for procurement of E&M equipment to be installed in all projects in DJB in addition to already circulated vide Circular No.112 dated. 07.02.2013 issued from the office of SE(SDW)II (copy enclosed).

In addition to above list of makes, following given makes are approved by the Competent Authority in first lot and other makes recommended by the Committee are under consideration and fresh Circular will be issued on approval by the Competent Authority.

- | | | | |
|----|--|-----------------------------|---|
| 1 | PLC System/ SCADA | Mitsubishi Electric / Omron | CHIEF ENG(SDW)S&E
DELHI JAL BOARD
DIARY NO. 539
DATE 16/2/2020 |
| 2 | Electric Motors | Bharat Bijlee | |
| 3 | 415V Switch Gears/ Bus Duct | BCH | |
| 4 | Electric Motors | Marathon Electric | |
| 5 | Valves | Marck/ Jupiter | |
| 6 | Level and Pressure Measurement Instruments | Vega India | |
| 7 | MCB/ MCCB | C&S | |
| 8 | Flow Meters | IOTA Flow/ SD | |
| 9 | Sluice Gates | BiC / Jupiter | |
| 10 | Sodium Hypo Chloride/ Liquid Chlorine | Chopra's | |

This list shall be reviewed periodically for new addition or deletions of makes.

All CEs (E&M)
 All SEs (E&M)
 All EEs (E&M)

EO
 EO to CE(WW)

CE(SDW)SE

SE (SDW) I, IV.

[Signature]
 07.02.2020

" STOP CORONAVIRUS -
WEAR MASK, MAINTAIN SOCIAL DISTANCING,
HAND WASH REGULARLY "



DELHI JAL BOARD; GOVT. OF NCT OF DELHI
OFFICE OF THE EXECUTIVE ENGINEER(E&M)
CHANDRAWAL WATER WORKS NO.1,
CIVIL LINES, DELHI-110054
EMAIL ID:- eeenm1chwt@gmail.com



R.No. 107/DJB/EE(E&M)/2020/

To,

Date: 27/12/2020

M/s Havells India limited,
904, 9th Floor, Surya Kiran Building,
K.G. Marg, Connaught Place, New Delhi-110001

Subject:- Regarding Approval of Make for Cables (Power & Control), motors and LED Light, Luminaries

Sir,

This is in ref. to your application & undertaking dt. 14.09.2020 for approval of Havells make Cables (Power & Control), motors and LED Light, Luminaries. The Competent Authority has approved the inclusion in the list of approved makes for procurement of E&M equipments to be installed in all projects in DJB. The above approval is subjected to the following conditions.

1. If the performance of the product will be found unsatisfactorily by the department, the rights are reserved to delete your make from the approved list of makes.
2. Department reserves the right to delete your make for the projects without assigning any reason.
3. Firm should preferably have service centre in Delhi & NCR and also 2/3 nos. of regular authorized dealers. Further firm/dealers will quote the competitive rates as applicable to govt./semi govt. department whenever any enquiry is received from the department without any delay.
4. All the DJB/CPWD norms as applicable from time to time will be applicable.

(Pankaj Rajvanshi)
EO to CE(VW)

* STOP CORONAVIRUS -
WEAR MASK, MAINTAIN SOCIAL DISTANCING,
HAND WASH REGULARLY *



DELHI JAL BOARD, GOVT. OF NCT OF DELHI
OFFICE OF THE EXECUTIVE ENGINEER (T&M)
CHANDRAWAL WATER WORKS NO.1,
CIVIL LINES, DELHI-110054
EMAIL ID:- eeenam1chwwp@gmail.com



Ref: 107/DIR/EE(T&M)/2020/5181

Date: 29/12/2020

To:

M/S Micro Transmission Systems
D-29, She-B, UPSIDC,
Surajpur Industrial Area,
Gurgaon, Haryana-124106

Subject: Approval of make for Clariflocculator and Bar Screen.

Sir,

This is in ref. to your application & undertaking dt. 04.09.2020 for approval of MTS make Clariflocculator and Bar Screen. The Competent Authority has approved the inclusion in the list of approved makes for procurement of E&M equipments to be installed in all projects of DJB. The above approval is subjected to the following conditions:

1. The performance of the product will be found unsatisfactory by the department, the rights are reserved to delete your make from the approved list of makes.
2. Department reserves the right to delete your make for the projects without assigning any reason.
3. Firm should preferably have service centre in Delhi & NCR and also 2-3 nos. of regular authorized dealers. Further firm/dealers will quote the competitive rates as applicable to Govt./semi Govt. department whenever any enquiry is received from the department without any delay.
4. All the DIB & PWD norms as applicable from time to time will be applicable.


(Taranj Rajwanji)
EO to CE(WW)

"STOP CORONA; Wear Mask, Follow Physical Distancing, Maintain Hand Hygiene"



DELHI JAL BOARD:GOVT OF NCT OF DELHI
OFFICE OF THE EXECUTIVE ENGINEER(E&M)II
WAZIRABAD WATER WORKS,TIMARPUR, DELHI-110054



No:-DJB/EE(E&M)-II/WZD/2021/2669

Dated: 19.01.2021

M/s Skope Products Pvt. Ltd.
Plot No.63, Sector-59,
HSIDC Industrial Estate,
Faridabad, Haryana

Subject: Approval of SKOPE valve & SKOPE actuator.

Sir,

This is in reference to your application dated 09.12.2020 and undertaking dated 18.01.2021 for approval of SKOPE valve & SKOPE actuator. The Competent Authority has approved the inclusion of your make for above mentioned product in the list of approved make for procurement of E&M equipment's to be installed in all projects in DJB. The above approval is subjected to the following conditions:-

1. Department reserves the right to delete your make for the projects without assigning any reason.
2. Firm should preferably have service centre in Delhi & NCR and also 2/3 Nos of regular authorized dealers. Further, firm/dealer will quote the competitive rates as applicable to Govt./Semi Govt. Department whenever any enquiry is received from the department without any delay.
3. All the DJB/CPWD norms as applicable from time to time will be applicable.
4. If the performance of the product will be found unsatisfactorily by the department, the rights are reserved with department to delete your make from the approved list of makes,

(Pankaj Rajvanshi)
EO to CE(WW)/EE(E&M)II

PANKAJ RAJVANSHI
Executive Engineer (E&M-II)
Delhi Jal Board
Govt. of NCT of Delhi
Water Works Wazirabad
Delhi-110054

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DELHI JAL BOARD: GOVT OF NCT OF DELHI
OFFICE OF THE CEO
VARIUNALAYA PH-II KAROL BAGH NEW DELHI

No. F.220/Dt(F&A)/2012/ 26528

6 SEP 2012
12 Aug 2012


INSTRUCTIONAL ORDER

- i. In the case of procurement of proprietary spares/ equipments/ repairs, the following instructions shall be followed by all concerned:
 - i. The Executive Engineer Incharge will convey his requirement to the manufacturer giving complete details, including model and S.No. of the equipment installed and seek technical & commercial offer from the manufacturer directly.
 - ii. The manufacturer should submit the offer directly quoting the lowest rate with complete terms and conditions. The manufacturer would certify that the offered goods are its proprietary items, are applicable against model and S.No. of existing equipment, and that the quoted rates are the lowest offered by it and as applicable to Government/ Government organisations.
 - iii. As per its marketing policy, a manufacturer may choose to supply the equipment directly or direct the order to its authorized dealer to supply (or repair) the spares/ equipment, and through whom the order is proposed to be executed on same terms & conditions as that of the manufacturer. The rate shall be quoted by manufacturer/ authorized dealer only.
 - iv. The Division will prepare estimates based on rates quoted by manufacturer, and recommend its approval by the Competent Authority. All details, such as make, model, S.No. of existing equipment, date of previous purchase, previous price, stock position, justification of purchase and quantities included in estimate, would be clearly mentioned in the proposal before seeking approval from the Competent Authority.
 - v. If manufacturer chooses to supply through its authorized dealer, a copy of the purchase order on the nominated authorized dealer will be sent to the manufacturer. The manufacturer would acknowledge (sign and stamp) the same and send it to the concerned division.
 - vi. The manufacturer shall stand guarantee for genuineness of all supplies made to DJB or repairs carried out by its nominated authorized dealer, and shall remain involved till the execution of work/supply order.
 - vii. The manufacturer/ authorized dealer would also submit necessary test certificates (in case of supply of equipment) and guarantee certificates (for both equipments and spares) issued by the manufacturer. The authorized dealer will also submit a copy of the transporter's GR against which the spares/ equipments were received from the manufacturer.
 - viii. For such procurement/ repairs, the AE would do 100% checking and the EE would do atleast 50% checking. This would be certified on the back of invoice against that procurement/ repair.
 - ix. DJB will release payment only after due acknowledgement (written confirmation accepting the supply order, along with a copy of order duly stamped and signed)

JF DM F & A-II

Jr Director (F&A)-II
Diary No. 3410
Date 6.9.12
Delhi Jal Board

- 10/11
1. AAO and AO will allow the release of payment only if the above guidelines scrupulously followed. They shall record a certificate of complete satisfaction wa allowing such release of payment.
 2. The above instructional order will also apply on execution of works through manufacturers/authorised dealers. Further, to ensure optimum performance of equipments, their spares would be procured only through the same manufacturer and the process would not be by-passed through use of substitutes procured through quotations/limited tenders.
 3. The above process would be followed for all purchases/repairs upto a limit of ₹ 2 lakhs for distribution, including SPS/ BPS on distribution side, and ₹ 5 lakhs for WTP/ STP works, including SPS/ BPS on bulk side. For proprietary purchases more than this limit, prior approval would be taken from Dir(F&A) through JD(F&A)-I. In case the manufacturer does not respond to enquiries and purchase/repairs from other sources is required to be undertaken, then all such cases, without any lower financial limit, would require clearance from Dir(F&A) through JD(F&A)-I.
 4. In case of an emergency, for reasons to be recorded in writing and supported by dated site photographs, the purchase would be made by concerned Chief Engineer at his level without limits referred to in para 3 above. At end of each month the respective AOs will send a Division-wise list of all emergency and proprietary purchases/repairs, of any amount, to Dir(F&A). In case of emergency purchase/repairs, Internal Audit team of DJB would audit 100% of such cases every quarter and submit a report for consideration of Member (Finance) and Dir(F&A).
 5. These orders are issued with the prior approval of the CEO, DJB and supersede all previous orders on proprietary purchases/repairs.


(Debashree Mukherjee)
CEO

Copy to:

1. Vice Chairman, DJB
2. Member (Admin), Member (WS), Member (Dr), Member (F)
3. CVO, Secretary DJB, All CEs/ All Directors
4. All SEs/ EEs/Joint Directors/ DDs
5. All AOs/ AAOs
6. PS to CEO

भारत सरकार
केन्द्रीय लोक निर्माण विभाग
कार्यालय मुख्य अभियंता सी.एस.क्यू.(वि.)
ए विंग कमरा नं० 229
निर्माण भवन, नई दिल्ली 110011

फोन नं. 011.23061418 ईमेल delseetqa.cpwd@nic.in

सं० 9038270/10/62/मु०अभि०(वि)सी.एस.क्यू/2021/166
सेवा में

दिनांक 04/05/2021

Sh. D.K. Vaishya
Chief Engineer (SDW) S&E
Kilokari SPS, Jal Vihar, Lajpat Nagar,
Delhi - 110024
Email id : cesdwdjb@gmail.com

विषय : Seeking permission for incorporation of Relevant extract from CPWD Delhi schedule of Rates 2018-19 from CE (SDW) – South & East, Delhi Jal Board.

संदर्भ : No./DJB/CE(SDW) S&E/2021/1499 Dated 19.04.2021.

Please refer to your letter under reference, permission to incorporate relevant extract from CPWD Delhi Schedule of Rates 2018 and 2019 is accorded to Delhi Jal Board for their internal use subjected to the following conditions.

1. CPWD shall not be responsible for any ambiguity, discrepancy, disputes arising out directly or indirectly, any loss of finance/life etc. by following the CPWD Schedule of Rates / Specifications referred there in .
2. CPWD shall not be made party to any of the court cases that may arise.
3. The CPWD schedule of rates/specifications may be adopted for exactly similar items for which CPWD has issued. However, the responsibility for any discrepancies, in adopting the same the Delhi Jal Board's applications rests with Delhi Jal Board only.
4. The above publication is not allowed to use for commercial purpose.

इसे महानिदेशक, के.लो.नि.वि. के अनुमोदन से जारी किया जाता है।

(Signature)
(राजीव गुप्ता.5/21)
का० अभियंता (वि) टी.एल.क्यू.ए.

DELHI JAL BOARD : GOVT OF NCT OF DELHI
OFFICE OF THE CHIEF EXECUTIVE OFFICER
VARUNALAYA PHASE-II, KAROL BAGH, NEW DELHI

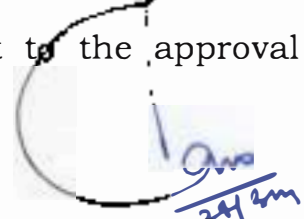
No. DJB/CEO/ 2022/ *D-1171*

Date :24.03.2022

CIRCULAR

Subject:- Adoption of CPWD Delhi Schedule of Rate- 2021 in Delhi Jal Board

Delhi Schedule of Rates - 2021 published by CPWD shall be adopted and enforced in Delhi Jal Board w.e.f. 01/04/2022. The cutoff date for receiving the estimates for scrutiny not based on DSB-2021 shall be 31/03/2022. Variance, if any shall be subject to the approval of CE(P&D).



(Udit Prakash Rai)
Chief Executive Officer, DJB

1. All Members
2. All CEs/ACEs/Directors