

OFFICE OF THE EXECUTIVE ENGINEER (E&M) - II
WAZIRABAD WATER WORKS TIMARPUR DELHI-54
Phone- 9650286020, e-mail: eeemww2.djb@nic.in

No:-EE/WZD/2015/ 2400

Dt. 01.07.2015

M/s Royal Electrical Co
A-771, Shastri Nagar
New Delhi-110052

FMS Work Order No. -26859

Work Order No.- 07

Date:- 01.07.2015

Head of A/C Imp. Of existing works

Subject: Renovation/Up gradation of lighting system of Filter House of 2nd 40 MGD Plant at Wazirabad Water Works.

D/Sir,

With reference to your tender dt. 10.04.2015 on the above subject matter. It is to inform you that your tender has been accepted by the competent authority. You are therefore requested to carry out the following works as per terms & conditions given below:-

S.No.	Description	QTY.	Rates (Rs.)	Amount (Rs.)
	Part - A (Wiring) DSR-2013			
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 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. Group 'C' (DSR 2013 Item No. 1.10.3)	80 Point	772.00	61760.00
2	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 medium class PVC conduit as required. DSR No.-1.14			
a	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire 1.14.2	795 Meter	148.00	117660.00
b	2 X 4 sq. mm + 1 X 4 sq. mm earth wire 1.14.3	515 Meter	179.00	92185.00
3	Supplying and fixing amp ceiling rose on the existing junction box/ wooden block including connection etc as required. DSR no. -1.33	80 Each	45.00	3600.00
4	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 5/6 & 15/16 amps modular socket outlet and 15/16 amps modular switch, connection etc. as required. DSR NO. 1.32	10 Each	425.00	4250.00
5	Supplying and fixing following way prewired SP&N MCB distribution board of steel sheet for 240 volts on surface/ recess complete with loose wire box, terminal connectors for all incoming and outgoing circuits, duly prewired with suitable size FRLS PVC insulated copper conductor up to terminal blocks, tinned copper bus bar, neutral link, earth bar, din bar, detachable gland plate, interconnections, powder painted including earthing etc. as required. (But without MCB/ RCCB/ Isolator 2 + 12 way, Double door DSR No.-2.7.6	2 Each	3050.00	6100.00

6	Supplying and fixing DP sheet steel enclosure on surface/ recess along with 25/32amps 240 volts "C" curve DP MCB complete with connections, testing and commissioning etc. as required. DSR no.-2.16	20 Each	0.00	0.00
7	Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, "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. (Make: ABB/ L&T/ GE/DJB approved Make) Single pole DSR No.-2.10.1	24 Each	149.00	3576.00
8	Supplying and fixing following rating, double pole, 240 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.(Make: ABB/ L&T/ GE/DJB approved Make) 63 amps DSR No.- 2.12.2	2 Each	353.00	706.00
9	Installation, testing and commissioning of pre-wired, fluorescent fitting / compact fluorescent fitting of all types, complete with all accessories and tube etc. directly on ceiling/ wall, including connection with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable and earthing etc. as required. 1.41	108 Each	78.00	8424.00
10	Supplying and making end termination with brass compression gland and aluminum lugs for following size of PVC insulated and PVC sheathed / XLPE aluminum conductor cable of 1.1 KV grade as required. 2 X 10 sq. mm (19mm) DSR No.-9.1.2	60 Each	125.00	7500.00
11	Supplying and fixing of 32 mm dia X 2.00 metres long G.I. pipe (medium class) bracket for mounting of fluorescent / HPMV /HPSV street light fitting on pole including bending the pipe to the required shape, 2 nos 40 mm X 3 mm flat iron clamps with nuts, bolts and washer, painting the flat iron with primer and finish paint etc. as required. DSR No.-12.34Each	8 Each	799.00	6392.00
12	Providing and fixing 50 mm dia X 3.2 metres G.I. pipe (including accessories) complete with 50 mm X 50 mm X 6 mm angle iron bracket on wall and 75 mm X 90 mm shackle insulator with straps for house service connection including painting the angle and flat iron with primer and finish paint etc. as required. DSR No.-12.35	8 Each	1899.00	15192.00
13	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. DSR No.-10.2	66 Kg	73.00	4818.00
Part- B (Supply of Material) Price lists				
14	Supply of PVC insulated and PVC sheathed XLPE 650/1100 Volts LT Cables with Aluminum Conductor. Size:- 2X10 sq.mm. Make:-Grandlay/Fort Gloster/Universal/CCI/Approved marked in DJB	370 Meter	167	61790.00
15	Supply of moulded SMC Junction Box of size having Outer dimension 230X170X105 mm and inner dimension 200X140X95 mm	20 Each	799	15980.00
16	Supply of Bakelite Connector Strip open Type,60 Amp with 6 mm screw & Brass weight 10 gm appx.per patti & terminal Box.	20 Each	235	4700.00
17	Supplying of surface/pendent mounting 1 X 28 watt Slick Channel Type type FTL industrial luminaires with epoxy power coated CRCA housing,vitreous reflector and decorative end caps,complete with high performance ballast of THD<10% etc.(Make: Havells/ Phillips/ / Bajaj/ CG/DJB approved Make)	80 Each	1025.00	82000.00

18	Supply of MH Flood light 150 watts comprises of Aluminum Housing, anodised reflector, toughened heat resistance glass cover, clamp for fixing the light on surface, built in control gear, complete in all respect as per site requirement. (Make Fitting: Havells/ Phillips/ Bajaj/ CG, SMC Box: Sintex, MCB: GE/ ABB/ L&T/DJB approved Make)	20 Each	4990.00	99800.00
19	70 Watt MH street Light comprises of Single piece die cast aluminum alloy housing with step POT optics reflector and toughened clear glass cover for lamp & control gear compartment. The Light fixture should be compatible for fixing on existing 32 mm G.I. Pipe , make :Crompton/Phollips/Bajaj/Havells/DJB approved Make	8 Each	4150.00	33200.00
20	supply of T5 28 watts tube light .make : Crompton/Bajaj/phillips/Havells/	80 Each	107.00	8560.00
21	supply of 150 watts tubular MH Lamp , make :Crompton/Phollips/Bajaj/Havells/DJB approved Make	20 Each	650.00	13000.00
22	supply of 70 watts tubular MH Lamp , make :Crompton/Phollips/Bajaj/Havells/DJB approved Make	8 Each	620.00	4960.00
Total Part A+Part B(Rs.)				656153.00
Add Vat @ 5% on S.No.-14				3089.5
Add Vat @ 12.5% on S.No.-15 to 22)				32,775.00
Grand Total Rs.				692017.50
SAY				6,92,017.00

(Rs. Six Lac Ninety Two Thousand Seventeen Only)

Terms & Conditions:-

1. The work should be completed within 60 days.
2. Payment after satisfactory completion of work.
3. Guarantee for new work is 12 months.
4. Old material will be returned to depts. at Wazirabad water works. If any.
5. Firm should observe all safety measures at site. Firm shall take full precaution for safety of men, material & equipments while executing the work. Firm shall be solely responsible for any mishappening during execution of work. While carrying out the job if any accident or mishappening occurs due to any reason whatsoever may be, DJB will neither be responsible nor compensate in any way. In case of any legal implications or compensation, the same shall be firm's responsibility. All safety precautions / measures / equipment are to be taken by the firm during execution of work as per NHRC guidelines / I.E. Rules and other statutory bodies. The firm should also depute a supervisor to ensure proper adoption & implementation of all safety measures.
6. As the work is to be carried out on turnkey basis, the firm has to provide all the material/execute the works which are not specifically mentioned in the departmental specification/work order but essential for making the unit/equipment functional will be supplied/executed by the contractor free of charges.
7. The firm has to submit the test certificate as and if applicable for the supplied items at the time of their supply and before their installation.
8. Any loss/ damage occurred during execution of work will be borne / make good by the contractor.
9. The firm has to make its own arrangement of all tool, tackles, machinery equipment required for dismantling / assembling / lowering / lifting etc. to carry out the work.
10. The firm should make its own arrangement for the safe custody of the material / machine / equipment etc. brought at site. Department will not responsible in any manner. During execution of work, the sole responsibility of the all the tools & tackles (equipment, gas cutter, welding set etc.) along with the

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2. Work is to be carried out in the working days only during normal duty hours. Execution of work during holidays and other than normal duty hours will not be allowed unless permitted by the Engineer-in-charge.
3. The firm has to submit the procurement vouchers for supplied/used/installed items at the time of submitting the bill.
3. After completion of work, the site should be made available neat & clean by the firm.

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