

DELHI JAL BOARD: GOVT. OF NCT OF DELHI
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NO.F5(7)/EE(C)DR.XI/2017/

Dated : 16.06.2017

Subject : Providing & Laying 1200 mm Dia. DI Rising / Pressure Main from Bharat Nagar Wastewater Pumping Station to Common Inlet Chamber at Pitampura by Replacing one dysfunctional pumping main out of twin Rising / Pumping Mains of 1100 mm Dia under JICA assisted Yamuna Action Plan Phase-III (Package R1b).
- JICA Assisted Yamuna Action Plan (YAP-III) Project - ID-P215.

Corrigendum & Addendum no. 2 and Pre-Bid Replies to NIT NO. 01(2017-18)

The Pre-bid meeting for the above mentioned work was held on 13.06.2017. In reference to the queries received from prospective bidders, the Corrigendum & Addendum no. 2 and replies to the Pre-bid queries are enclosed herewith.


(Anil Choudhary) 16.6.17
Executive Engineer (C) DR-XI

Corrigendum & Addendum No. 2

Package R1b : Providing & Laying 1200 mm dia. DI Rising / Pressure Main from Bharat Nagar Waste Water Pumping Station to Common Inlet Chamber at Pitampura by replacing one Dysfunctional Pumping Main out of twin Rising / Pumping mains of 1100 mm dia. under YAP (III) for Delhi Jal Board.

S. No.	Clause reference	Corrigendum & Addendum																									
1	Volume I, Part A Section III – Evaluation and Qualification Criteria. Clause No. 1.1.2 Personnel, Pg. 39	<p>The table under Clause 1.1.2 ‘Personnel’, stands deleted.</p> <p>The revised table is as under :</p> <table border="1"> <thead> <tr> <th>S. No.</th> <th>Position</th> <th>Qualification</th> <th>Total Work Experience (Year)</th> <th>Minimum Experience is Similar Works (Year)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Project Manager / Pipe Line Expert</td> <td>ME / M. Tech / BE / B. Tech in Civil Engineering</td> <td>15</td> <td>10 years in pipe line work</td> </tr> <tr> <td>2</td> <td>Health & Safety Expert (Accident Prevention in Hazardous environment)</td> <td>Accredited / Certified</td> <td>10</td> <td>6 in sewage / hazardous environment</td> </tr> <tr> <td>3</td> <td>Quality Control Expert</td> <td>Accredited / Certified</td> <td>10</td> <td>6</td> </tr> <tr> <td>4</td> <td>Jr. Engineer</td> <td>Diploma in Civil Engg.</td> <td>8</td> <td>5</td> </tr> </tbody> </table>	S. No.	Position	Qualification	Total Work Experience (Year)	Minimum Experience is Similar Works (Year)	1	Project Manager / Pipe Line Expert	ME / M. Tech / BE / B. Tech in Civil Engineering	15	10 years in pipe line work	2	Health & Safety Expert (Accident Prevention in Hazardous environment)	Accredited / Certified	10	6 in sewage / hazardous environment	3	Quality Control Expert	Accredited / Certified	10	6	4	Jr. Engineer	Diploma in Civil Engg.	8	5
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1	Project Manager / Pipe Line Expert	ME / M. Tech / BE / B. Tech in Civil Engineering	15	10 years in pipe line work																							
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2	Volume I, Part A Section III – Evaluation and Qualification Criteria. Clause No. 1.1.3 Equipment, Pg. 39	<p>The first sentence under the under Clause 1.1.3 ‘Equipment’, “<i>The Bidder must demonstrate listed hereafter:</i>” stands deleted.</p> <p>The revised sentence is as under : “<i>The Bidder must demonstrate that it has arrangement for the key equipment listed hereafter :</i>”</p> <p>The Point no. 1 of the table under Clause 1.1.3 ‘Equipment’, “<i>Super Sucker with Jetting Pump and Pay loader</i>” stands deleted.</p>																									
3	Volume I, Part A Section VIII- Particular Conditions (PC), Sub-clause no. 1.6. Pg. 152	The sentence under Sub-Clause 1.6 ‘Contract Agreement’, “ <i>The costs of stamp.....borne by the Contractor</i> ”. Stands deleted.																									
4	Volume I, Part A Section VIII- Particular Conditions (PC), Sub-clause no. 13.5. Pg. 159	The words in the second sentence of the paragraph under Sub-Clause 13.5 ‘Provisional Sums’, “ <i>schedule of rates (SOR)</i> ” may be read as “Delhi schedule of rates-2016 (DSR-2016)” .																									

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Replies to Pre-bid Queries (2nd Set)

Package R1b : Providing & Laying 1200 mm dia. DI Rising / Pressure Main from Bharat Nagar Waste Water Pumping Station to Common Inlet Chamber at Pitampura by replacing one Dysfunctional Pumping Main out of twin Rising / Pumping mains of 1100 mm dia. under YAP (III) for Delhi Jal Board.

Sr. No.	Clause Reference	Particulars as Per Bid Document	Bidders Queries	Reply
1.	<p>Volume - 2, Section: XI, Part-7, Clause no. 7.20, Pg. 269</p> <p>7.20 Mild Steel Sleeve Pipe for Micro Tunneling</p> <p>The item includes following operations:</p> <p>a) The pipe shall be manufactured from M.S. plate / coils as per IS: 3589/1991 and IS: 1916-1989. The M.S. plate/ coil shall be of steel grade Fe-410.</p> <p>b) Fabricating specials such as bends, tees, tail pieces, reducers, enlargers etc. as may be required with the same thickness as per pipes. Flange shall be with minimum thickness from 18 to 25 mm wherever flanged specials are required.</p> <p>7.20.1 Standards</p> <p>The mild steel pipes to be manufactured supplied and delivered under the scope of this contract shall be manufactured in accordance and confirming to IS-3589-1991.</p>	<p>MS Specials: - The detailed specifications may kindly be given for clarity and as well the other items involved i.e. welding & cutting of pipes may kindly be taken please.</p>	<p>As per bid document.</p> <p>For welding, cutting & painting etc. refer Part-7; Volume-2 of bid document.</p>	
2.	<p>Volume - 2, Section: XI, Part-7, Clause no. 7.20, Pg. 269</p> <p>7.20 Mild Steel Sleeve Pipe for Micro Tunneling</p> <p>The item includes following operations:</p> <p>c) The pipe shall be manufactured from M.S. plate / coils as per IS: 3589/1991 and IS: 1916-1989. The M.S. plate/ coil shall be of steel grade Fe-410.</p>	<p>Detailed specifications or departmental guidelines for M.S. Pipe be given for casing to be used in Micro Tunneling works. This is necessary to avoid any confusion at later stage.</p>	<p>As per bid document.</p> <p>In addition to standard specification mentioned in bid document following specification and Guide lines shall also be followed:</p>	



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	<p>d) Fabricating specials such as bends, tees, tail pieces, reducers, enlargers etc. as may be required with the same thickness as per pipes. Flange shall be with minimum thickness from 18 to 25 mm wherever flanged specials are required.</p> <p>7.20.1 Standards</p> <p>The mild steel pipes to be manufactured supplied and delivered under the scope of this contract shall be manufactured in accordance and confirming to IS-3589-1991.</p>	<p>Railway Line Crossing Guidelines on Pipe Line Crossings Under Railway Track - Report No. BS-105 of RDSO.</p> <p>Road Crossing Standard Specification Section 02441 Micro tunneling, of Washington suburban sanitary Commission (WSSC).</p> <p>As per bid document.</p>	
3.	<p>Volume-3 of Financial Proposal, Item No. 223, Pg. 319</p>	<p>Item No. 223 :- Cutting of bitumen road and making good the subgrade and restoration of road with 150 mm thick cement concrete 1:2:4 (1 cement:2 coarse sand:4 graded stone aggregate 40 mm nominal size)</p>	<p>The item for dismantling of roads and making good the same be taken separately to make more convenient in the interest of work as per the site conditions please.</p>
4.	<p>Volume -3 of Financial Proposal; Bill-2, Pg. 321 to 322</p>	<p>Schedule of Payment</p>	<p>Mode of Payment - As per present practice in the department kindly consider to make 75% payment against supply of pipes & 20% for laying of pipes & balance 5% after testing of pipes please. This shall facilitate the execution of work please.</p>
5.	<p>Volume-1, Part-B, Specific Construction Experience, 4.2(b), Pg. 186</p>	<p>The Bidder should have successful experience in the role of prime Contractor for Providing, laying, jointing, testing and Commissioning of Rising/Pressure main (s) by micro-tunneling/pipe jacking method of 800 mm Dia. or above for minimum length of 0.50 km.</p> <p>The above projects should have been commissioned in last seven (7) years as on date of submission of BID and should be running successfully thereafter.</p>	<p>As per bid document.</p> <p>Specific Construction Experience 4.2(b) is only for the purpose of PQ qualification of bidder.</p>

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<p>6. Volume-3 of Financial Proposal, Item No. 213, Pg. 318</p>	<p>a) Item No. 213 :- Providing and Installation of 1400 mm OD PE-100, PN-8 MS Pipe encased in MS pipe laid by Micro Tunneling method including preparing and setting up the Micro tunneling plant & equipment all related Civil & Mechanical works like excavation, shoring/strutting of RCC jacking and receiving shafts etc. Drilling, stringing, reaming and pulling back the new pipe-work on the designed bore path alignment, including cost of HDDPE Pipe & Ms. sleeve pipe 1600 mm dia. Minimum 20 mm thick plate or as per design for Micro tunneling including testing and commissioning of complete work with disposal of unserviceable items.</p>	<p>Request for Modifications: (a) Since the contractor having executed the work by pipe jacking/micro tunneling method have been considered at par to fulfill the qualifying criteria (Ref. Para 4.2 Page No. 186). same should also be considered to execute the BOQ item of work either by micro tunneling or pipe jacking method on the basis of which it fulfill the specific construction experience. In the event a qualified bidder is forced to carry out the work of trenchless by micro tunneling method only as per B.O.Q., it shall amount to either restricted tendering or to favor a particular firm besides contradicting the laid eligibility criteria.</p>	<p>As per bid document.</p>
<p>Volume - 2, Section : XI, Part-1, Clause no. 1.3, Pg. 203</p>	<p>b) Para-III: Wherever open cut excavation is not feasible micro-tunneling is to be done using MS pipe sleeves and inserting HDDPE pipe inserted within the within MS pipe.</p>	<p>c) Last Para: The successful bidder shall carry out geotechnical investigations at about every 1000 m interval in the stretches of rising/pumping main where laying of DI pipe by open cut trench excavation have been proposed. In the stretches where laying of pipe by trenchless micro tunneling method is proposed, the soil exploration shall be done at about 50 m interval along the length of proposed/approved alignment and submit the soil report to the Engineer for review.</p>	<p>As per bid document.</p>
<p>7. Volume-2, Section : XI, Part-5, Clause 4.7, Pg. 233 & Clause 4.10, S. No. 9, Pg. 236</p>	<p>Clause 4.7.1 Special Traffic Precautions. & Clause 4.10, Proposed Sequence of laying of New Rising/Pressure Main Works. (S.No.9 & 10),</p>	<p>Clause 4.7.1 Page 233 & Clause 4.10 Page 236-related matter Statutory permission from various authorities. (a) In reference to S.No.9 & 10, it is brought to your notice that the issue to obtain permission and payment of charges for same has already been discussed and decided in DJB {Ref. to attached decision of Member (WS)}. Pertinent to mention that the government bodies specifically</p>	<p>As per bid document.</p>

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	<p>the railway department never entertains/allow the private contracting agencies of any department to liaison/execute, other than the agencies registered with railways. On the contrary Railways usually get the work executed at their own as a deposit work of other departments for which matter needs to be pursued by the officials of DJB & required amount to be deposited with Railways by DJB itself only.</p> <p>Therefore, obligations under the said clauses be owned by the owner DJB itself.</p>	
<p>8. Volume-1, Part A, Section-VIII: Particular Condition (PC), Sub-Clause 13.8, Pg. 160</p> <p>Sub-Clause 13.8 Adjustment for Change in cost :- (B)</p> <p><u>MATERIAL:</u> $VM = 0.85 * W * K2 * (M1 - M0)$ 100 M0 Where: VM = Amount (in INR) of price variation for the material component W = Cost of Work done during the quarter under consideration. K2 = Percentage of material component as 75%. M0 = All India Wholesale Price Index for construction material as worked out on the basis of All India Wholesale Price Index for Individual Commodities/Group Items valid twenty eight (28) days prior to the last date of submission of final bid, as published by the Economic Advisor to Govt. of India, Ministry of Industry & Commerce and applying weightages to the Individual Commodities/Group items. M1 = All India Wholesale Price Index for construction material as worked out on the basis of All India Wholesale Price Index for Individual Commodities/ Group Items for the period under consideration as published by Economic Advisor to Govt. of</p>	<p>(a) Please confirm that the material component for D.I. pipe shall be pig iron and HR coil for M.S. pipes component, which are only available in the price indices issued by ministry of economic affairs.</p>	<p>As per bid document.</p>

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Replies to Pre-Bid Queries (2nd Set)



Aty - A. K. Singh

	<p>India, Ministry of Industry & Commerce and applying weights to the Individual Commodities/ Group Items. (In respect of the justified period extended under the provisions of clause 5 of the contract without any action under clause 2, the index prevailing at the time of stipulated date of completion or the prevailing index of the period under consideration, whichever is less, shall be considered.</p>		
<p>9. Volume-1, Part A, Section-VIII: Particular Condition (PC), Sub-Clause 13.5, Pg. 159</p>	<p>Sub-Clause 13.5 Provisional Sums Add after Sub-Clause 13.5 (b) (ii), as follows: All the items are covered in the price schedule. However for any unforeseen items which is not covered in price schedule shall be paid as per the latest applicable schedule of rates (SOR) or on the basis of market rate + 15% over head & profit if not covered in SOR. However no escalation shall be paid on such items.</p>	<p>We presume that applicable schedule of rates (SOR) as mentioned in the tender is Delhi Schedule of rates 2016 as issued by CPWD and applicable on the date of submission of tender for all Civil works & schedule of rates of trenchless society 2016 for all works related to trenchless method.</p>	<p>Refer S. No. 4 of C&A No. 2</p>
<p>10. Volume-1, Part A, Section-VIII: Particular Condition (PC), Sub-Clause 1.6, Pg. 152</p>	<p>Sub-Clause 1.6 Contract Agreement The costs of stamp duties and similar charges imposed by the law shall be borne by the Contractor.</p>	<p>Please clarify whether the stamp duty shall be applicable on the contract under reference that too funded by Japanese ODA loan from Japan International Corporation Agency (JICA) and if so at what rate because there is no stamp duty applicable on DJB works as per practice & law of land / country.</p>	<p>Refer S. No. 3 of C&A No. 2</p>
<p>11. General</p>		<p>1. Please Clarify the roll of so called Engineer M/s NJS Consultant Co. Ltd. and of DJB. Which authority shall act as an Engineer in charge of work to perform the contractual obligation of supervision on execution of work/record the measurement to bill the work done and to release the payment.</p>	<p>As per bid document.</p>



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Package R1b : Providing & Laying 1200 mm dia. DI Rising / Pressure Main from Bharat Nagar Waste Water Pumping Station to Common Inlet Chamber at Pitampura by replacing one Dysfunctional Pumping Main out of twin Rising / Pumping mains of 1100 mm dia. under YAP (III) for Delhi Jal Board

JICA funded Yamuna Action Plan Project (III)

12.		2. The requirements of personnel and equipment given at page 39 are quite high and are practically not required. Such requirement shall add to the cost of the project. Therefore requires reconsideration.	Refer S. No. 1 & 2 of C&A No. 2
13.		3. It is presumed that dedicated corridor for laying the proposed rising main clear from any kind of hindrances & encroachments is available with the department, otherwise clear alignment without any hindrance & with workable space/conditions shall be provided to the executing agency. Please confirm.	As per bid document.

Alamy *W. Prasad*

Sharma

