

C.No-154516/2018/D18(29)
20/06/18
21/06/18

OFFICE OF EXECUTIVE ENGINEER (WS)
WATER SUPPLY DIVISION
CIVIL ENGINEERING DEPARTMENT
NEW DELHI MUNICIPAL COUNCIL
ROOM NO.231 S.B.S PLACE
GOLE MARKET: NEW DELHI - 110001

No. EE(W/S)/ 981 /D.

Dated: **19.06.2018**

The Director (IT),
New Delhi Municipal Council,
Palika Kendra,
New Delhi-110001.

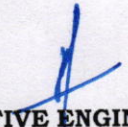
Subject:-Request for insertion of enclosed RFP Corrigendum-3rd

Name of work:-Providing 24x7 Water Supply in NDMC Area.
SH:-Replacement of House Service Connection AMR Meters, Water Quality Sensors, etc. and Assessment of NRW for continuous Water Supply System (Part-I) in NDMC Area.

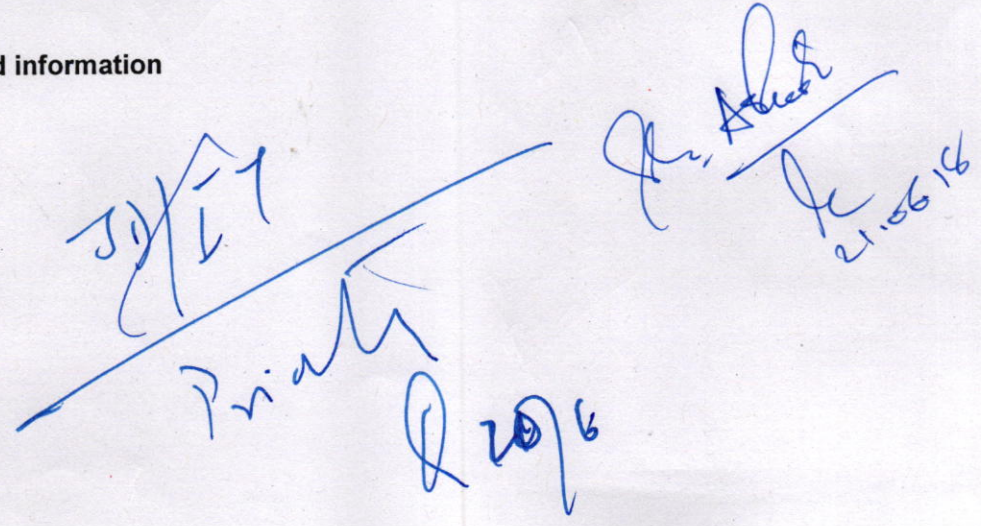
RFP ID No.2018_NDMC_150823_1 dt. 12.05.2018

The above said RFP corrigendum-2nd has been published on e-procurement system on 01.06.2018, with revised last date of submission of RFP documents on 03.07.2018 at 3.00 PM.

Director (IT) may be requested to get display the said RFP on NDMC website www.ndmc.gov.in (soft copy of RFP document enclosed herewith).


EXECUTIVE ENGINEER (WS)

Copy to:
SE (PH) for kind information


30/6/18
Printed
20/6
21/06/18

Name of work: Providing 24x7 Water Supply in NDMC Area.
Sub Head: Replacement of House Service Connection, AMR Meters, water quality sensors etc. and Assessment of NRW for continuous water supply system (Part-I) in NDMC Area.

3rd CORRIGENDUM (Dated 19.06.2018)

Last Date/Time for receipt of RFP Through E-procurement Solution: 03.07.2018 upto 3:00PM

Sr. No.	Ref.	Existing	Changes
1.	Published document		The Guarantee/warranty period may be read as "the period of 04 (four) years after successful completion of work"
2.	P-9 of 279 (Corrigendum-2)	Last Date/Time for receipt of RFP Through E-procurement Solution: 22.06.2018 upto 3.00 pm	Last Date/Time for receipt of RFP Through E-procurement Solution: 03.07.2018 upto 3.00 pm
3.	Note 3.7 P-17 of 279 (Corrigendum-2)	(1) O& M of pilot DMA created and converted for continuous supply shall be the responsibility of NDMC after two years of commissioning.	(1) O & M of pilot DMA created and converted for continuous supply shall be the responsibility of NDMC after one year of commissioning.
4.	Note 3.7 P-17 of 279		(3) Time period for Sr. (2) &Sr (3) w.e.f. end of Mobilization period.
5.	Corrigendum-2 3.7.1 P-17 of 279	As per ISO:4064 2005	As per ISO:4064 2005 or onward editions
6.	P-18 of 279	Sensors should be of high stability and accurate measurement and should not be mounted directly in the path of flow of water.	Sensors should be of high stability and accurate measurement within the specifications/ framework of ISO:4064/OIMLD/ISO/MID requirements.

7.	P-18 of 279 (Corrigendum - 2)	The sensors should not be mounted directly in the path of flow of water and hence, the meter should not be equipped with a strainer so as to ensure a maximum head loss at Q3 as per ISO:4064/ OIMLD R49 for respective diameter.	The sensors should be mounted in such a way in the water meter, so as to ensure a Permissible head loss at Q3 within limit as per the ISO:4064/ OIMLD R49 for respective diameter of water meter.
8.	P-20 of 279 (Corrigendum - 2)	9. IP68, with operating temperature range up to 50 deg. C	9. IP65, with operating temperature range up to 50 deg. C
9.	P-20 of 279	The completion period for supply, installation, and commissioning work is 12 months for the implementation and 4 years for Operation & Maintenance from the date of the issue of the work order for the contract.	The completion period for supply, installation, commissioning & implementation work is 14 months (including Mobilization period of 02 months). 01 (one) year Operation & Maintenance of selected Pilot DMA after successful commission of DMA. 04 (four) years maintenance of all water meter & online sensors from the date of the successful completion of work.
10.	P-20 of 279 (Corrigendum - 2)	at Accredited Lab as per the direction of Engineer-in-Charge.	at FCRI/NABL approved lab as per the direction of Engineer-in-Charge.
11.	14A P-22 of 279 (Corrigendum - 2)	The water meters are all communicating in Open Protocols (OMS – Open Metering Standard) for future requirement of NDMC. The bidder will share the protocol/ architecture of software used for meter reading with NDMC.	The water meters are all communicating in Open Protocols for future requirement of NDMC. The bidder will share the protocol/ architecture of software used for meter reading with NDMC.

12.	3.8.20 P-23 of 279 (Corrigendum - 2)	The Bidder shall be required to establish its sales/service center in NDMC Area immediately after the award of the work. The Lab/ Test Bench shall be established in NDMC area within 2 months from the starting date of the contract as per FCRI or some other relevant guidelines approved by NDMC. The Bidder shall set up a test bench to carry out minor repairs and to conduct accuracy test. Water Meter Test Bench is to be designed for measuring the accuracy and pressure losses of water meters having diameter 15 mm to 100 mm in the premises of the Bidder's sales/service center. The service center..... Engineer-In-Charge.	The Bidder shall be required to establish its sales/service center in NDMC Area immediately after the award of the work. The Lab/ Test Bench shall be established in NDMC area within 5 months from the date of issue of the work order or before the end of the execution of the first lot of the water meter whichever is earlier as per FCRI or some other relevant guidelines approved by NDMC. The Bidder shall set up a test bench to carry out minor repairs and to conduct accuracy test. Water Meter Test Bench is to be designed for measuring the accuracy and pressure losses of water meters having diameter 15 mm to 50 mm in the premises of the Bidder's sales/service center. The service center..... Engineer-In-Charge.
13.	3.8.22 P-24 of 279	22. The bidder shall provide guarantee against all manufacturing defects for the supplied and installed meters/equipment/sensors as mentioned in technical specifications. The guarantee period shall be reckoned from the date of issue of the certificate stating the successful commissioning of project.	22. The bidder shall provide guarantee against all manufacturing defects for the supplied and installed meters/equipment/sensors as mentioned in technical specifications. The guarantee period shall be reckoned from the date of successful completion of project.
14.	3.8.32 P-25 of 279	32.The contractor will be responsible for taking readings of water meters when required, uploading the reading data in the Computer atsame time.	32.The contractor will be responsible for taking readings of water meters for four years after successful completion of Work as per the requirement of NDMC, uploading the reading data in the Computer atsame time.
15.	3.8.35 P-26 of 279 (Corrigendum - 2)	The test setups shall be for accuracy testing of 15mm to 100mm dia sizes of water meters.	The test setups shall be for accuracy testing of 15mm to 50mm diameter sizes of water meters.

16.	3.8.37 P-26 of 279 (Corrigendum - 2)	The Contractor shall comprehensively maintain all the test setups & all the equipment's of meter test setup of 15mm dia to 100mm dia sizes for the period of (1+04 years).	The Contractor shall comprehensively maintain all the test setups & all the equipment of water meter test setup of 15mm to 50mm diameter sizes and water meter having diameter more than 50mm size (if required) may be tested at the NABL/FCRI approved laboratory as per the direction of Engineer-in-charge, for the period of 04 (four) years after successful completion of work.
17.	3.8.38 P-26 of 279	Also, the bidder shall obtain calibration certificates as per requirement for all the instruments of all test setups during the warranty period (said 10 years) , from the Accredited Laboratory as per the direction of Engineer-in-charge. The contractor shall establish the meter testing laboratory as per FCRI guideline	Also, the bidder shall obtain calibration certificates as per requirement for all the instruments of all test setups during the warranty period (04 (four) years after successful completion of work), from the NABL/FCRI approved laboratory as per the direction of Engineer-in-charge. The contractor shall establish the meter testing laboratory as per FCRI guideline.
18.	3.8.41 P-26 of 279	The bidder shall submit the following listed documents for each size of test setup i. e. for 15mm, 20mm, 25mm, 40mm & 50mm, 80mm, 100mm along with the bid..... reference devices, etc	The bidder shall submit the following listed documents for each size of test setup i. e. for 15mm, 20mm, 25mm, 40mm & 50mm, along with the bid..... reference devices, etc.
19.	5.2.2 P-45 of 279 (Corrigendum - 2)	Eligibility Criteria Meter Manufacturer should have successfully supplied at least 5000Nos. Automated water meters of size 15mm-40mm in anywhere in India and 30000 nos. in anywhere in world. 300 Nos. AMR water meters of size 50mm-250mm in India or abroad in the last seven years ending last day of the month previous to the one in which applications are invited.	Eligibility Criteria A) Water meters of size 15mm-40mm- Meter Manufacturer should have successfully supplied water meter of size 15mm to 40mm diameter at least (a) 30000 No's of any type of water meter (5000 in India +25000 worldwide) or (b) 30000 No's of water meter supplied worldwide (5000 ultrasonic water meters + 25000 any type of meters)

		<p>Document Proof: Declaration of Reference Customer List on Company Letterhead should be submitted with the bid.</p>	<p>in the last seven years ending last day of the month previous to the one in which applications are invited.</p> <p>B) Water meters of size 50mm-300mm- Meter Manufacturer should have successfully supplied at least 300 Nos. AMR water meters size 50mm-300mm diameter in India or abroad in the last seven years ending last day of the month previous to the one in which applications are invited.</p> <p>Document Proof: Documentary proof of performance certificate with clearly mention number of water meter supplied to the client (Govt. / Semi Govt. / PSU / Autonomous organization in India or Abroad)</p>
20.	P-45 of 279		<p>Note (iii) For any abroad documents, original client certificate and other relevant documents shall be duly attested/affirmation by respective Embassy/ Consulate/ high commission.</p>
21.	Serial No. 25 (Corrigendum - 2)	5.2.10 (ii) P-61 of 279	May be read as 5.5.10 (ii) P-61 of 279
22.	Serial No. 26 (Corrigendum - 2)	5.2.10 (ii) P-61 of 279	May be read as 5.5.11 (ii) P-61 of 279
23.	5.5.11.1(c) P-62 of 279	Out of the balance 15 % payment of the cost of meter, 3.75% payment shall be released every year of satisfactory maintenance period of 4 years commencing after first year of commissioning	Out of the balance 15 % payment of the cost of meter, 3.75% payment shall be released every year of during the satisfactory maintenance period of 4 years after first year of successful completion of work.

24.	7.6.3 P-194 of 279	3. The bidder shall provide an undertaking to create a meter calibration test bench and service centre in NDMC Area within 6 (six) months from the date of work order. The bidder shall operate and maintain the test bench for the entire contract duration and then hand-over the same in proper working condition to NDMC at the end of the contract duration.	3. The bidder shall provide an undertaking to create a meter calibration test bench and service centre in NDMC Area within 5 (five) months from the date of issue of the work order or before the end of the execution of the first lot of the water meter whichever is earlier as per FCRI or some other relevant guidelines approved by NDMC. The bidder shall operate and maintain the test bench for the entire contract duration and then hand-over the same in proper working condition to NDMC at the end of the contract duration.
25.	Page 231 of 279	21. I/ We certify that in terms of the RFP document, my/our Net worth is Rs..... (Rupees in words) and the Aggregate Experience Score is (number in words).	21. I/ We certify that in terms of the RFP document, my/our Net worth is Rs..... (Rupees in words).
26.	Page 248 of 279	D. Certifications (required for both bidder and consortium member)	D. Certifications (required for both bidder/ consortium member/ meter manufacturer)
27.	P-18 of 113 Vol- 3 (Corrigendum 1)	Material of construction Electrodes: Hastelloy C276 or better	Material of construction Electrodes: SS316 or better Remain are same.
28.	P-19 of 113 Vol- 3 (Corrigendum 1)	Power Supply: In built lithium Batteries. Batteries shall work on a minimum for 10 years without external AC/DC power supply	Power Supply: In built Batteries. Batteries shall work on a minimum for 10 years without external AC/DC power supply and also an option to operate by external AC mains.

29.	P-20 of 113 Vol- 3 (Corrigendum 1)	The meter shall be configured to accept the meter program modification from the central SCADA server via remote GPRS/ Fixed network communication as and when required, transfer error codes to the server for fault analysis	The meter shall be configured to accept the meter program modification from the central SCADA server via remote GPRS/ GSM/ Fixed network communication as and when required, transfer error codes to the server for fault analysis
30.	P-80 of 113 (Corrigendum - 2) Vol- 3	Necessary MID certificate (Module B) of product as well as manufacturing facility (Module D) is to be produced	Necessary MID certificate (Module B) of product as well as manufacturing facility (Module D or H) is to be produced
31.	P-80 of 113 (Corrigendum - 2) Vol- 3	The water meter manufacturer must possess quality management certificates pertaining to ISO 9001:2008, ISO 14001: 2004 as well as the MID D certificate for production of MID meters.	The water meter manufacturer must possess quality management certificates pertaining to ISO 9001:2008, ISO 14001: 2004 as well as the MID D or H certificate for production of MID meters.
32.	P-81 of 113 (Corrigendum - 2) Vol- 3	The meters shall be sent for accuracy testing at Accredited Lab as per the direction of Engineer-in-Charge from each batch of supplied meters as per the guidelines shown the Table No. 4 of IS 779 (to be filled) before installation at site	The meters shall be sent for accuracy testing at NABL/FCRI approved lab as per the direction of Engineer-in-Charge from each batch of supplied meters as per the guidelines shown the Table No. 4 of IS 779 (to be filled) before installation at site.
33.	P-81 of 113 (Corrigendum - 2) Vol- 3	-ISO:4064-1993	-ISO:4064-2005/2014 (whichever applicable) Remain are same
34.	P-81 of 113 Vol- 3	Test reports of individual meters from origin MID certified factory shall be acceptable, if applicable	Test reports of individual meters from original MID certified factory shall be acceptable.
35.	P-83 of 113 Vol- 3	Sample and Lab Testing: Under this head, FCRI may read as "Accredited Lab as per the direction of Engineer-in-Charge".	Under this head, FCRI may read as "NABL/FCRI approved Lab as per the direction of Engineer-in-Charge".

36.	P-105 to107 of 113 Vol-3		For item no. 9: - The specification table for EMF water meter may read same as table given at page no. 18 to 20 of 113.
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Sd/-
EXECUTIVE ENGINEER (W/S)