

**OFFICE OF THE EXECUTIVE ENGINEER (PROJECT) W-I  
DELHI JAL BOARD GOVT. OF NCT OF DELHI,  
VARUNALAYA PHASE- I, ROOM NO. 511  
KAROL BAGH NEW DELHI -110005**

**NO.F-2(57)/DJB/EE(PROJECT)W-I/2018/**

**Dated: 11.12.2018**

Reply to Pre-Bid queries received in Pre-Bid meeting held on 27.11.2018 for 3<sup>rd</sup> expression of interest (EOI) for the manufacturers of 15mm dia water meter

<b>S. No</b>	<b>Clause/Page</b>	<b>NIT Provisions</b>	<b>Queries</b>	<b>Reply of DJB (Uniformly applicable to all bidders)</b>
<b>M/s Bharat Precision instruments company</b>				
1.	EOI condition	Makes/Models/manufacturers already empanelled with DJB needs not to apply again.	Manufacturers already empanelled are allowed or not to participate with the other water meter model apart from the one already passed.	Yes, already empanelled manufacturers may participate with other model apart from their already empanelled model.
2.	EOI condition	Last date and time for submission of EOI 31.12.2018 upto 3:00 P.M.	Last date and time for submission of EOI 21.01.2019 up to 3:00 P.M. to prepare for the documentation etc.	As per EOI
<b>M/s Janta Associated Precision Metal Works</b>				
3.			Company Manufacturing water meter in Delhi last 50 years and interested in 3 <sup>rd</sup> EOI for empanelled of 15mm dia water meter, firm required consider their brand.	As per EOI
<b>M/s VA Valves</b>				
4.	15.5	The manufacturer will submit Bank Guarantee of Rs. 5 Lac, after passing of sample meter, valid initially for period of 5 year.	1. Federal water meter De-empanelled, deposited 5 Lac security fee. This security may be considered in 3 <sup>rd</sup> EOI.	Allowed

			2. FCRI life cycle test is under process in FCRI, and report will be obtained and submitted after 31.12.2018.	Allowed
<b>M/s Sans Engineering Industries.</b>				
5.	6.2 (b)	The body of the meter shall be of either Brass or Bronze. The firm shall specifically mention in the offer, the metal used in manufacturing. Material that come in contact with the water supply shall withstand 2 ppm (parts per million) of chlorine residual in the water supply and shall be resistant to corrosion supported with test certificate.	What kind of certificate is required for this Material analysis certificate from an independent lab/the same analyzed and tested as per IS standard.	As per IS standard.
	6.2 (d)	The internal painting materials should be of food grade material / safe for human uses and not affect human health (Health certificates should be included in the bidding documents).	What kind of health certificate is required? Will the certificate from the manufacturer of the paint be-enough?	Provision of internal painting is deleted.
	7	The selection of water meter will be done on the basis of overall documents/certificates and lab testing performance. The sample water meters to undergo Accuracy, Lifecycle / Endurance test & IP-68 class tests at FCRI, Palakkad, Kerala only and the cost of testing to be borne by the bidders. The EOI participants shall be informed in writing, to lift their samples from the factory/authorized stockist/dealers (details to be given by the applicant with this EOI) by DJB staff/committee for further submission of samples for testing. The 5 nos. sample of water	1. Agency desired to follow the same sampling procedure in 3 <sup>rd</sup> EOI as per sampling procedure in the previous EOIs ( 1 <sup>st</sup> and 2 <sup>nd</sup> ).	As per EOI.

		<p>meters shall collected to be sent FCRI &amp; one sample meter shall be taken from minimum lot of 100 ( hundred) meters.</p> <p>All the expenditure incurred in collection of samples from outside Delhi, shall be borne by the Bidders/Manufactures including all To and Fro fare of Taxi/1<sup>st</sup> AC class train/Air economy class and lodging and boarding charges of 4 persons.</p>		
	9	<p>After passing report from FCRI brand and model will be approved for use in DJB with terms and conditions attached initially for a period of three years. After expiry of validity period the manufacturers will have to submit model approval (MAP) from FCRI for each model to be approved for DJB, if fresh EOI is not called.</p>	<p>Explanation required by the agency regarding after expiry of validity period in EOI condition.</p>	<p>Agency will have to submit again model approval (MAP) from FCRI for each model after expiry of validity of 3 years of models approved by DJB.</p>
<b>Anand Water Meter Manufacturing Company Pvt. Ltd.</b>				
	7	<p>All the expenditure incurred in collection of samples from outside Delhi, shall be borne by the Bidders/Manufactures including all To and Fro fare of Taxi/1<sup>st</sup> AC class train/Air economy class and lodging and boarding charges of 4 persons.</p>	<p>Agency demanded two persons instead of four persons to collect the sample having their factories outside Delhi.</p>	<p>Two persons allowed for sampling outside Delhi.</p>
<b>BM Water Meter (Belanto)</b>				
	6.4 (d)	<p>The totalizer shall consist of a row of minimum five on-line consecutive Digits to read at least 99,999 m3.</p>	<ol style="list-style-type: none"> <li>1. Indicating device shall be able to record 9999 KL for meter size 15mm.</li> <li>2. Kilo liter and its multiples shall indicated in black and sub multiple</li> </ol>	<ol style="list-style-type: none"> <li>1. Row of five digit is essential which measurable up to 99999 cum/KL. As per EOI condition.</li> </ol>

			of kilo liter in red.	2. Yes, as per EOI.
6.4 (H)	Totalizer shall be made of copper CAN having appropriate thick mineral glass cover or any other suitable material required to maintain IP 68 protection class and guarantee of 5 years.		<ol style="list-style-type: none"> <li>1. The dial shall be vitreous enamel powder coated on copper or plastic ensuring indestructible marking and good legibility.</li> <li>2. Non Banning certificate required on letter had/stamp paper.</li> <li>3. Sample size to confirm either one peace from lot of 100 nos. or total five peace from a lot of 100 no.</li> <li>4. In case of manufacture does not having testing facility in Delhi, and undertaking to established the same within one month from the date of empanelment is required.</li> <li>5. One or more files may be submitted in EOI.</li> </ol>	<ol style="list-style-type: none"> <li>1. As per EOI.</li> <li>2. Letterhead of the company is sufficient.</li> <li>3. As per EOI, five samples shall be collected from the factory/authorized stockiest/dealers by DJB staff/committee with the condition that each sample shall be taken from minimum lot of 100 meter, such five samples shall be lifted from five lots of 100 nos.</li> <li>4. Yes, As per EOI to establish testing facility within 3 months.</li> <li>5. Separate application for each model is required to submit in EOI, company can empanel one or more models.</li> </ol>
<b>M/s Itron</b>				
6.1.1	The water meter shall be, inferential type, multi jet, magnetically coupled, having dry dial, Class 'B' conforming		MID/ECE mark is in complete without address of manufacturing factory and notifying body number approving the	As per EOI.

		to IS-779 with up to date amendments or ISO 4064:2005 standards with ISI/EEC/OIML/MID certification mark shall be with protection class of IP-68.	meter. May please be included in list.	
	6.2 (a)	The body of the meter shall be of either Brass or Bronze. The firm shall specifically mention in the offer, the metal used in manufacturing. Material that come in contact with the water supply shall withstand 2 ppm (parts per million) of chlorine residual in the water supply and shall be resistant to corrosion supported with test certificate.	ISO 4064: 2005 is silent about the material of construction hence only IS 779 shall be referred for material of the construction only.	As per EOI.
	6.2 (d)	The internal pressure cup shall be made of low-ferrous brass not exceeding 0.02% Fe contents / Engineering plastic or any other suitable material to comply with the IS provisions and IP 68 protection class. The case of the meter shall be painted with thermal painting externally & internally. The internal painting materials should be of food grade material / safe for human uses and not affect human health (Health certificates should be included in the bidding documents).	Meter body of only brass/bronze may allowed which will have stable mechanical properties. For additional protection of water meters are painted externally. However internal painting is not recommended as there is always risk of health because the internal paint is direct in contact with water. Hence only external paint should be allowed.	Provision of internal painting is deleted.
	6.2 (H) (V)	ISI OR EEC or OIML Code No.	As per MID regulations MID approved factory addresses also have to be marked on the meter.	As per EOI.
	8	Lab testing	Pressure loss and pressure tightness test or also included please confirm.	As per EOI.
	10.1	Latest ISI OR ISO 9001 Certification	ISI certificate if for water meter while ISO	As per EOI.

		of the manufacturer.	9001 certificate is for factory quality assurance. Hence both should be submitted also ISO 14001 will ensure factory to minimize their operation (Processes etc) that negatively effect the environment (i.e. caused adverse change to air, water or land hence ISI certificate ISO certificate 9001 and 14001 should be submitted.	
	10.3	ISI/ EEC / MID / OIML pattern approval certificates.	In case of MID meters, MID factory certificate also is to be submitted for best quality of the meter. Kindly consider.	As per EOI.
<b>M/s Kamstrup, M/s Analogies and M/s GS Reddy Construction</b>				
			All the three agencies desire to consider ultrasonic principal water meter in EOI called.	Proposal will be considered separately.

**All Participant**

**EE (Project) W-I**

**Copy to: -**

1. SE (Project) W-I: - For kind information please.
2. EE (EDP) to upload the Pre-bid reply on DJB web site.
3. AE-II.

**EE (Project) W-I**