



Expression of Interest(Eol) Notification.

HYDERABAD METROPOLITAN WATER SUPPLY AND SEWERAGE BOARD.

O/oThe Chief General Manager(Engg),

Revenue Circle, Khairatabad,

Hyderabad-500004.

Eol.No:01/HMWSSB/Revenue/Meters Calibration/2021-22,

Dt:08-10-2021.

Preamble:

The Board, owing to its principal mandate of supplying potable water to the citizens in the twin-cities and beyond, has been catering to consumers numbering in excess of 10 lakhs; the consumer base is expected to increase with new connections being issued regularly. The Board, having supplied water to these consumers, issues demand notices to the consumers on monthly basis against the supplies, based upon the consumption quantity determined through water meters fixed to their connections. Owing to the perpetual variance between the supplied quantities measured at the sources and the aggregate consumption quantities arrived at through the individual meters fixed to the consumer connections, the Board has been losing revenues on account of such unbilled quantity and the opportunity of supplying such quantity to other deserving consumers and thereby achieve equity.

The situation is to be redressed through regular calibration of meters to rule out possible revenue leakages due to lax and inaccurate measurement of consumption quantities. Further the new meters to be fixed to the consumer connections also need to be validated to avoid similar fallout. Owing to the high number of consumers and the multiplicity of pipe-sizes it would be expedient to install calibration test benches at each of the O&M Circles and Divisions with high number of consumers; the decision would be however be based on the feasibility w.r.t technical/logistical requirements and the costs involved thereof; the Board intends to explore the available options in terms of technologies, speeds of calibrations, parallel testing capabilities, types/makes of meters to be tested in comparison to the costs involved. The Board may vary selection of the calibration test bench depending upon the desirable parameters suitable to the Board. The Board intends to acquire and install suitable equipment for undertaking the calibration testing of water meters thus.

However owing to numerous makes/models involved, the test bench needs to support testing of such meters by varying the connectors/adapters and/or adjusting the parameters of the relevant components in the calibration test bench. **The firm may also limit the testing capability of the bench to fewer sizes so as to reduce the costs i.e., 5 setups for meters of 15 mm to 50 mm and two setups for 63/65mm to 300mm.**

The number of pipe-size wise consumers is shown below:-

Pipe Size (in mm)	No. of Customers	Pipe Size (in mm)	No. of Customers
15	11,45,864	125	1
20	47,456	150	261

25	9,916	200	117
40	1,521	250	32
50	1,148	300	57
63/65	9	350	1
75	241	400	2
80	36	450	3
100	543	600	6

Specification:

Supply, delivery, installation, activation and commissioning of water meter calibration testing equipment, as an end-to-end turnkey solution for conducting calibration testing of water meters of various pipe sizes, makes and models, including warranty of 5 years comprising maintenance and replacement spares.

Scope of the Work:

1. The firms/agencies shall undertake supply, delivery, installation, activation and commissioning of water meter calibration testing equipment as a turnkey solution for water meters of various dia from 15mm to 300mm, all makes and types of both digital/mechanical such as :
 - a) Mechanical (Multijet) meters
 - b) Mechanical (Multijet) meters compatible with AMR
 - c) Ultrasonic flow meters
 - d) IoT enabled Ultrasonic water sensor meters
 - e) Ultrasonic clamp-on meters
 - f) Electromagnetic flow meters
2. The installation and commissioning to be completed within 2 months of issue of order. The firm shall obtain a completion certificate from the Board official nominated as executing authority by the Board, after successful installation and demonstration of all facilities in the test bench to such officer.
3. The firm shall undertake maintenance of the equipment including replacement of spares for a period of 5 years commencing from the completion of commissioning.
4. The firms also shall submit the following documents along with sealed quotations:-
 - I. Registration certificate.
 - II. Memorandum of Understanding (MoU) from the Manufacturer (applicable for agencies that are not the manufacturers) (or) authorized dealership letter
 - III. Relevant accreditations such as NABL
 - IV. Copy of GST form -06 Registration certificate.
 - V. Undertaking that the firm is not black listed by any State/Central Govt./Board or public sector undertaking at the time of submission of EoI.
 - VI. The prospective firms intending to submit the sealed quotations are requested to assess and evaluate the scope of work and accordingly submit their quotations.
- VII. The Chief General Manager(Engg), Revenue Circle, HMWSSB, reserves the right to reject any quotation or all the quotations without assigning any reason there for; No firm shall cause of action or claim against the HMWSSB or its officers, employees, successors or assignee for rejection of their quotation.

The firms shall submit their proposals for Expression of interest through online (email) cgm-rev@hyderabadwater.gov.in (or) offline with all relevant documents along with proposals in sealed covers to the Chief General Manager(Engg), Revenue Circle, HMWSSB, **Administrative Building, rear block, Khairatabad, Hyderabad-4**, during office hours on or before the due date, ie 3.00 PM on 20.10.2021 and will be opened on the same day.

-Sd-
Chief General Manager (Engg),
Revenue Circle, HMWSSB.

HYDERABAD METROPOLITAN WATER SUPPLY AND SEWERAGE BOARD.

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Supply, delivery, installation, activation and commissioning of water meter calibration testing equipment, as an end-to-end turnkey solution for conducting calibration testing of water meters of various pipesizes, makes and models, including warranty of 5 years comprising maintenance and replacement spares

Financial Proposals**Water Calibartion lab material: SS(Stainless Steel)**

S.NO	Description	QTY	Rate	per	Amount	GST	Total
1	15 mm to 50 mm dia water meter Calibration lab	1 unit		each			
2	5 years onsite compherensive maintenance	5 years		5			
3	63/65 mm to 300 mm dia water meter Calibration lab	1		each			
4	5 years onsite compherensive maintenance	5 years		5			

Signature with Stamp

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Financial Proposals**Water Calibartion lab material: UPVC**

S.NO	Description	QTY	Rate	per	Amount	GST	Total
1	15 mm to 50 mm dia water meter Calibration lab	1 unit		each			
2	5 years onsite compherensive maintenance	5 years		5			
3	63/65 mm to 300 mm dia water meter Calibration lab	1		each			
4	5 years onsite compherensive maintenance	5 years		5			

Signature with Stamp