

Expression of Interest(EoI) Notification.

HYDERABAD METROPOLITAN WATER SUPPLY AND SEWERAGE BOARD.

O/oThe Chief General Manager(Engg),
Revenue Circle, Khairatabad,
Hyderabad-500004.

EoI.No:02/HMWSSB/Revenue/Smart Metering/2021-22/ Dt:23-12-2021.

Preamble:

In view of the 20KL free water supply per month scheme announced by the Govt of Telangana, various revenue improvement measures of the Board were explored wherein it was decided to take up fixing of **AMR- ultrasonic Meters with LoRaWAN technology** for all non-domestic and high consumption consumers, for 25mm and all above sizes with a view of secure accurate consumption quantity and thereby increase revenues. There are certain connections where the consumers have either not fixed meters or have defunct meters fixed to their connections. The Board has been levying un-metered penalty, docket average, previous average etc as penal measures to dissuade continuance of such un-metered consumption, for 25mm and all above sizes, with a view of secure accurate consumption quantity and thereby increase revenues, the HMWSS Board intends to call for Expression of Interest (EOI) from reputed Manufacturers/Authorised-Dealers who are willing submit their – Proposal for 25mm and all above sizes of Manufacture, supply, delivery, installation, activation and commissioning of Smart Meters – Ultrasonic type meters with automatic meter reading using LoRaWAN for Non-domestic and High consumption consumers.

Specification:

Manufacture, supply, delivery, installation, activation and commissioning of Smart Meters – Ultrasonic type meters with automatic meter reading using LoRaWAN for Non-domestic and High consumption consumers for 25mm dia and above sizes (the meters are confirming to ISO 4064: 2005 with latest amendments with BIS/OIML-R49 / CE / MID (Measuring Instruments Directive)-2014/32/EU certification mark with valid Life Cycle Test Certificate from FCRI (Fluid Control Research Institute) and protection class of IP 68) in HMWSSB jurisdiction for the automatic acquisition of data from meters, data maintenance and O&M of meters for 5 years.

Scope of the Work:

1. The meter manufacturing firms/agencies shall supply and install the meters of diameters ranging from 25mm to 600mm within 2 months by engaging suitable required number of man power to fix on to the connections.

2. The manufactures /Agencies shall provide the required hardware and software for remote reading of data from the meters and shall be integrated to be RBS of HMW/SSB.
3. The meters including the related hardware and software shall be maintained for a period of 5 years.
4. The manufactures /Agencies have to fix the meters:
 - i) By replacing the existing non-functioning meters.
 - ii) By replacing the existing mechanical meters with AMR Ultrasonic meters with LoRaWAN technology.
 - iii) On connections having no meters.
5. The manufacturer or authorized dealers are to submit their proposals for Manufacturing, supply, deliver & installation including maintenance for a period of 5 years of meters compatible to remote reading through **AMR Ultrasonic meters with LoRaWAN technology** only in the following format

Sl.No	Size / Dia of meter	Meter (including LoRa Module cost)	Cost	Installation / Fixing Cost(*)	O & M cost for 5 years	Data Communication costs for 5 years
1	25 mm					
2	40mm					
3	50mm					
4	63/65mm					
5	75 mm					
6	80 mm					
7	100 mm					
8	125 mm					
9	150 mm					
10	200 mm					
11	250 mm					
12	300 mm					
13	350 mm					
14	400 mm					
15	450 mm					
16	500 mm					
17	600 mm					

* Fixing of the meter at site including all incidental charges like supply of required materials and labour charges etc., including removal of existing mechanical meter and fixing meter

6. Along with the proposals the firms also submit the following
 - I. Registration certificate.
 - I. Memorandum of Understanding (MoU)/ Manufacturer Authorization Form (MAF) from the Manufacturer (applicable for agencies that are not the manufacturers) (or) authorized dealership letter
 - II. Manufacturer Factory registration certificate.
 - III. Any Existing FCRI Certificate & IP - 68 environment protection Certificate for ultrasonic meters
 - IV. Copy of GST Registration certificate.
 - V. Undertaking form that his firm is not black listed by any State/Central Govt. / Board or public sector undertaking at the time of submission of EOI.

The firms shall submit their proposals for Expression of interest through online (email) cgm-rev@hyderabadwater.gov.in (or) submit 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. **03.00 PM on 03.01.2022.**

Sd/-

Chief General Manager(Engg),
Revenue Circle, Khairatabad,
Hyderabad-4.