

**Expression of Interest (EOI) Notification.**



**HYDERABAD METROPOLITAN WATER SUPPLY & SEWERAGE BOARD**

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

**EOI No: 01 /CGM(E)/R.C/UFW/2018-19, Date: 09.01.2019.**

**Preamble:**

HMWSSB intends to take up certain reforms in tankers management system by Developing software for automation of Tanker filling stations in the jurisdiction of HMWSSB (Upto ORR) including Manning , Operation and Maintenance for a period of 60 months

**Scope of work:**

- 1.) Automation of tanker filling stations and integrating with existing MCC module .
- 2.) Uber like tanker booking application shall be developed by the agency of the tanker filling station
- 3.) Design Develop and implement suitable software application with mobile app for consumers, tanker drivers and stake holders
- 4.) The newly developed mobile app (all device IOS/Androids) to be integrated with existing HMWSSB apps wherever necessary.
- 5.) Installation of smart meters with a facility for real-time monitoring through HMWSSB server.
- 6.) Installation of sluice valves/control valves/ Sensors with actuators for inlet and outlets for all filling station using existing Infrastructures,i.e., pump sets, valves
- 7) Installation of CC tv cameras at all filling station and facility to monitor the same from command control center.
- 8.) Developing suitable software for live vehicle tracking system of all tankers and integrating with mobile app and web based application and Integration with payment gateway for accepting payments.
- 9.) Developing a foolproof mechanism to fill tankers of pre determine quantities as per the smartcard sensors.
- 10.) Issue of prepaid smart cards for each tanker with facility to accept payments through cash/online.
- 11.) Develop a suitable system to trigger immediate stoppage of tanker filling upon malfunctioning of vehicle tracking system.
- 12.) To develop a suitable system to intimate the expected time of delivery of tanker to the consumer.
- 13.) To integrate smart card mechanism with dispenser system to ensure one filling of tanker for one transaction of smartcard.
- 14.) Tanker filling automation shall ensure that the tankers are filled in strict compliance to the rules in force and maintaining First in First out (FIFO) method.
- 15.) The swiping devices at the concerned Filling Station must be installed and activated in such a way that on swiping with the smart card of the Tanker owner the water must be dispensed into the tank as per the Tanker's capacity with a "Jack system" with sensors to detect the water level to be implemented to avoid the overflow of water.
- 16.) Developing mechanism to deliver free tankers for unscheduled trips based on Mobile/SMS/ whatsapp/voice authentication of HMWSSB officials.
- 17.) To develop web based application and geo fencing scheduled trips and free trip locations and mechanism to ensure trip delivered designated volume of water to the assigned spot for free trips, mechanism to pay free trips amount to tanker owner in online mode duly interact with finance system of HMWSSB.
- 18.) The entire manning, operation and maintenance for a period of 60 months of filling station application developed is the responsibility of the agency.
- 19) Development of reports system in tanker vehicle owners/ officials of HMWSSB as per the MIS requirement.
- 20) To follow instructions of HMWSSB officials for any modifications connected to the above subject.

**Schedule of Selection Process (tentative):**

<b>Sl no.</b>	<b>Activity</b>	<b>Dates</b>
1)	Last date for submission of EOI willingness	21.01.2019
2)	Pre-bid meeting to be held at HMWSSB, Khairatabad, Hyderabad	25.01.2019 @ 03.00 PM
3)	Issue of RFP document	After the pre-bid meeting

The firms/agencies shall submit their Willingness through offline/online (mail id. cgm-rev@hyderabadwater.gov.in) for E.O.I. to the Chief General Manager (Engg), Revenue Circle, Khairatabad, Hyderabad. Further details can be obtained from O/o. Chief Chief General Manager (Engg), Revenue Circle, HMWS&SB Administrative building rear block, Khairatabad, Hyderabad during office working hours.

**Chief General Manager (Engg),  
Revenue Circle, HMWSSB,  
Khairatabad, Hyderabad-500004.  
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