

Expression of Interest (EOI) Notification.



HYDERABAD METROPOLITAN WATER SUPPLY & SEWERAGE BOARD

O/o Chief General Manager (Engg),
PCC-III/Revenue Functions, Khairatabad,
Hyderabad-500004.

EOI No:02 /CGM(E)/PCC-III/RF/EDP/2018-19, Date: 09.05.2018.

Preamble:

Hyderabad Metropolitan Water Supply & Sewerage Board (HMWSSB) invites Request for Expression of Interest (Eoi) from interested bidders for Design, Configuration, Installation, Integration & Maintenance of Sensor based IoT Solution for Smart Manhole Monitoring in Hyderabad Metro Water Supply & Sewerage Board (HMWSSB).

Scope of work:

The scope of the project includes Design, Configuration, Installation, integration & Maintenance of Sensor based IoT Solution for Smart Manhole Monitoring in Hyderabad Metro Water Supply & Sewerage Board (HMWSSB).

HMWSSB in collaboration with ITE&C Department plan to implement an IoT based Manhole Management System in Hyderabad City. HMWSSB proposes 266 critical manholes (critical water logging points) across Hyderabad city, which will be considered for project implementation. Following are the use-cases proposed to be implemented in IoT based Manhole Management System:

1. Open or Broken Manholes Cover Detection: Trigger alarm at the command center, if open manhole cover or manhole theft is detected.
2. Sewerage Overflow Detection: Measure the sewerage level and trigger alert at the command center at critical intervals to ensure prevention of sewerage overflow, planned maintenance.
3. Hazardous Gas Detection: Detect poisonous gases (H₂S, Methane etc.) and generate alert to the Supervisors/Contractors during maintenance to avoid any accidents due to poisonous gases.

Any of the above mentioned use-cases can be eliminated from the final implementation, considering technical design, feasibility of implementation in real conditions & overall cost implication.

Schedule of Selection Process (tentative):

Sl no.	Activity	Dates
1	EOI calling date	09.05.2018
2	EOI document issue start date	09.05.2018
3	Document purchase last date	14.05.2018@03.00 PM
4	Pre-bid meeting to be held at HMWSSB, Khairatabad, Hyderabad	14.05.2018@03.30 PM
5	last date for submission of Technical proposal	21.05.2018 @03.00 PM
6	Technical proposals opening date	21.05.2018 @ 03.30 PM

Bidder may visit HMWSSB website <https://www.hyderabadwater.gov.in> under tender section for EOI notification. Further details/ queries please contact the following

- 1) Mr.P.Venakateswara Rao, Chief General Manager (Engg.), PCC-III (Revenue Functions), HMWSSB, 040-23433933
- 2) Mr. Motiur Rahman, Sr. Consultant, ITE&C Dept—9860779786, motiur.rahman@semt.gov.in
- 3) Mr. Akhilesh Meghwal, Consultant, ITE&C Dept— 8886056001, akhilesh.meghwal@semt.gov.in
- 4) Mr. Majid Afzal, Consultant (CDDAC), HMWSSB —9989998338, majidafzal572@gmail.com

Cost of EOI Document:-

Bidder may purchase the EOI document before due date mentioned above from the O/o CGM(E), PCC-III (Revenue Functions) on all working days from 10.30 am to 5.00 pm, by paying a non-refundable Bid Document Fee of Rs 5,600/- (Rupees Five Thousand Six Hundred Only) including GST @ 12% in the form of Demand Draft of any nationalized / scheduled / bank located in India, payable at Hyderabad, drawn in favour of "HMWSSB", payable at Hyderabad, India.

Sd/ -

Chief General Manager (Engg),
HMWSSB, PCC-III/Revenue Functions,
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