



**GREATER NOIDA INDUSTRIAL DEVELOPMENT AUTHORITY
GAUTAM BUDH NAGAR, UTTAR PRADESH**

Expression of Interest

for

**Installation, Commissioning and Operations & Management of
Smart Water Meters in Greater Noida**

Issued by:

Greater Noida Industrial Development Authority

Plot No. 1, Knowledge Park IV,
Greater Noida, Gautam Budh Nagar,
Uttar Pradesh – 201308

Disclaimer

This Expression of Interest (EOI) document for inviting the applicants for “Installation, Commissioning and Operations & Management of Smart Water Meters in Greater Noida” (hereinafter referred to as the “Project”) contains brief information about the Project and qualification process for the selection of Applicant. The purpose of this EOI is to provide the Applicant(s) (hereinafter referred to as “Applicant/s”) with information to assist the formulation of their response (“Response”).

This EOI is not an agreement and is neither an offer nor invitation by the “Greater Noida Industrial Development Authority” (herein referred to as the “Authority”) to the prospective Applicants or any other person. The purpose of this EOI is to provide interested parties with information that may be useful to them in the formulation of their application for qualification pursuant to this EOI. This EOI includes statements, which reflect various assumptions and assessments arrived at by the Authority in relation to the Project. While all efforts have been made to ensure the accuracy of information contained in this EOI Document, this document does not purport to contain all the information required by the Applicants. The Applicants should conduct their own independent assessment, investigations and analysis and should check the reliability, accuracy and completeness of the information at their end and obtain independent advice from relevant sources as required before submission of their responses. The Authority or any of its employees or existing advisors shall incur no liability under any law, statute, rules or regulations as to the accuracy or completeness of the EOI Document. The Authority reserves the right to change any or all conditions/ information set in this EOI Document by way of revision, deletion, updating or annulment through issuance of appropriate addendum as the Authority may deem fit without assigning any reason thereof.

The Authority reserves the right to accept or reject any or all Response(s) without giving any reasons thereof. The Authority will not entertain or be liable for any claim for costs and expenses in relation to the preparation of the Response(s) to be submitted for this EOI Document.

Information provided in this EOI to the Applicant (s) is on a wide range of matters, some of which may depend upon interpretation of law. The information given is not intended to be an exhaustive account of statutory requirements and should not be regarded as a complete or authoritative statement of law. The Authority accepts no responsibility for the accuracy or otherwise for any interpretation or opinion on law expressed herein.

1. Invitation for Expression of Interest

Greater Noida is a greenfield, modern, integrated city, located about 35 km from the National Capital, Delhi. The Master Plan of this city envisages a population of around 1.2 million by the year 2021. The Greater Noida Industrial Development Authority (GNIDA) is the nodal authority responsible for development and administration of the city.

The integrated township is shaping up as India's smartest city, the National Capital Region's most modern urban development centre and its fastest developing center of attraction. It has emerged as a modern model of far-sighted town planning.

Greater Noida is being developed as Metro centre providing for quality urban environment, to attract economic activities and population to decongest Delhi. Set-up in January 1991 under the UP Industrial Area Development Act 1976 provided the basic enabling framework for developing an efficient and integrated city.

For a well-planned city like Greater Noida, technological advancement in city functioning is a necessity. By addition of smart features to city operations, the processes are made more efficient and quicker. To achieve this, GNIDA looks forward to invite Expression of Interest from OEM and implementers for installation and commissioning of smart water meters across Greater Noida.

2. Key Instructions

Interested Applicants shall make note of the following key points:

- i. This EOI invitation document is not a Tender or Request for Proposal in any form and would not be binding on GNIDA in any manner whatsoever.
- ii. GNIDA reserves the right to cancel the EOI invitation as a whole or in part without assigning any reasons.
- iii. The Applicants are encouraged to conduct their own independent assessment, investigations and analysis and check the reliability, accuracy and completeness of the information at their end and obtain independent advice from relevant sources as required before submission of their response.
- iv. GNIDA reserves the right to update, amend and supplement the information given in this document at its sole discretion before the last date and time of submission of the responses.
- v. Applicants should submit their response in English language and as per formats provided in the last section of this document. Submission not conforming to the instructions or prescribed formats will be rejected.

3. Datasheet

The key dates and information for the Project are as below:

Name and address of Authority issuing EOI	General Manager, Project Department, GNIDA Plot No 1, Knowledge Park IV, Greater Noida, Gautam Budh Nagar Ph No. 0120-2336029, +91 9205691084 Email: sm.workcircle.jal@gnida.in
Date of Uploading the EOI	13.11.2020
Last date of receipt of query	24.11.2020 17:00 hrs (IST)
Last date for submission of EOI	10.12.2020 15:00 hrs (IST)
Date of Opening of EOI	11.12.2020

4. Project Consideration

Tentative number of smart meter units to be installed in Greater Noida are as follows:

#	Nature of Unit	No.of Connections	Type of Meter
1	Residential	36850	Domestic – 0.5 – 1.0 inch dia
2	Institutional	495	Semi bulk – 0.5 – 6.0 inch dia
3	IT	7	
4	Commercial	32	
5	Industrial	805	
6	Builder	84	Bulk – 2.0 – 6.0 inch dia
7	Group Housing	63	

These numbers are indicative and may vary or change as per requirement of GNIDA.

5. Scope of Services

The indicative scope of services to be involved in this project are as follows but may not limit to:

5.1 Installation of Smart Water Meters (includes - Supply, Installation, Testing, Commissioning)

The installation of smart water meters for domestic and industrial utilisation must keep the following in consideration:

- i. The installed meters must be water and fire resistant
- ii. The meters must be tampering proof and have capability of alarming to the CCMC of tamper
- iii. The product installed must be approved and tested by competent Indian Authority (such as ISI) for all quality and accuracy standards
- iv. Test reports of each installation must be submitted to the Authority.
- v. The defect liability period of each installation will be for 5 years post installation

5.2 Development of a Central Command and Monitoring Center (CCMC)

- i. A CCMC must be installed at the office of GNIDA with the water supply department.
- ii. The CCMC must be capable of real time monitoring of the following:
 - a. Water supplied through each unit
 - b. Live billing status of each installation
 - c. Unique numbering of each installed unit which has details of the consumer
- iii. All the units must be mapped on GIS platform along with details of the consumer
- iv. Printing bills of each unit along with consumer's details and send to the consumer over email if the information is provided.
- v. Installation of requisite hardware and software to enable as mentioned features and services in Clause 5.2
- vi. Display remotely accessible dashboard (online) through password protected accounts for each designated officer at GNIDA
- vii. The system must be capable of detecting and alerting of any sort of tamper or malfunction in any of the installed smart meters across the network at any point of time. These alerts must be displayed along with details of the consumer and geographical location of the meter.

5.3 Operations and Maintenance (O&M) of the installed system

- i. The contract for Operation and Maintenance shall begin right after installation of prescribed quantities in Greater Noida.
- ii. The period for Operations and Maintenance shall be for a period of 5 years
- iii. The Operations and Maintenance shall involve the following:
 - a. Operation and maintenance of Smart Meters at all time (24x7)
 - b. Operation, maintenance and monitoring of CCMC at all time (24x7)
 - c. The process of bill generation and emailing to the consumer

- d. Maintain payment records by the consumers
- e. Generation of monthly reports of the entire operations
- f. Deploy enough staff for operations and maintenance of all the installations

6. Evaluation of EOIs

The EOIs will be evaluated for the technology proposed by the participants. All the eligible participants of the EOI will be called for a presentation at the office of GNIDA to display their solution.

The EOIs will be evaluated based on the following factors:

- i. Quality and accuracy certifications
- ii. (national certifications from a competent authority is a must; international certification is optional)
- iii. Functionalities of Central Command and Monitoring Center
- iv. Technology and Specifications of the Smart Meters
 - a. Durability and tamper proof
 - b. Smart features
 - c. Previous mass installation cases of the product in India
 - d. Device produced/manufactured in India
- v. Tentative cost of installation and commissioning per Smart Meter (includes CCMC and all other charges excluding O&M charges)

Participants must note, they must submit appropriate supporting documents along with their proposal which satisfies the above criteria.

7. Participation Criteria for this EOI

The EOI proposal submitted by the participants clearing the following criteria will be eligible for evaluation (only eligible participants will be called for presentation) along with duly filled Forms attached along with this EOI document:

S.No.	Criteria	Documents to be submitted
1	The Applicant shall be an existing company registered in India under the Company Act, 1956 or Companies Act, 2013 or a partnership firm registered under the Partnership Act of 1932 or registered (converted to) under the Indian Limited Liability Partnership Act or a Proprietorship or registered under the society's registration act of 1860 or the Indian Trusts Act 1882.	Registration certificate in case of a Private Limited or a Limited Liability Partnership
2	The Applicant should have an average annual turnover of at least INR 15 crore in last three consecutive financial years from date of application.	Audited Financial statements and Balance Sheets
3	The Applicant must be an OEM of Smart Water Meters or have experience of Installation / Commissioning of Smart Water Meters in India	Work orders and Work completion certificate from client Or proof of production or sale of Smart Water Meters

8. Forms for Submission

8.1 EOI Submission Form

(on the letter head of the Applicant)

To,

The General Manager, Project Department
GNIDA, Plot No.1, Knowledge Park IV
Greater Noida, Gautam Budh Nagar 201308

Dear Sir,

We, the undersigned, offer to submit our Expression of Interest for Installation and Commissioning of Smart Water Meters in Greater Noida. We are hereby submitting our Proposal, which includes technical specifications as requested.

We hereby declare that all the information and statements made in this Proposal are true and accept that any misinterpretation contained in it may lead to our disqualification.

We understand you are not bound to accept any Proposal you receive and this EOI is not liable for any commissioning of work.

We remain,

Yours sincerely,

Authorized Signature [*In full and initials*]: _____

Name and Title of Signatory: _____

Name of Organisation: _____

Address: _____

Email ID: _____

Contact Number: _____

8.2 Financial Capacity of the Applicant

(Duly signed and verified by Statutory Auditor)

#	Financial Year	Annual Turnover (in INR)
1.	2017-2018	
2.	2018-2019	
3.	2019-2020	