



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

Expression of Interest

for

**EOI for Contour mapping and storm water network
design for the city of Greater Noida**

Issued by:

Greater Noida Industrial Development Authority (GNIDA)

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

DISCLAIMER

This Expression of Interest (EOI) for “Contour mapping and storm water network design for the city of Greater Noida” (‘the Project’) contains brief information about the Project and scope of work for the prospective Bidder. The purpose of EOI is to provide the Bidder with information to assist the formulation of their response.

While all efforts have been made to ensure the accuracy of information contained in this EOI document, this document does not contain all the information required by the Bidder. The Bidder 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. Greater Noida Industrial Development Authority (GNIDA or the Authority) and any of its employees or advisors shall incur no liability under any law, statute, rules or regulations as to the accuracy or completeness of the EOI document.

GNIDA has issued this Expression of Interest with the best intention to explore the market for eligible and interested bidders and has no compulsions to enter into definitive contractual agreements. This EOI does not guarantee conversion of this EOI into any definitive contractual agreements.

GNIDA 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 GNIDA may deem fit without assigning any reason thereof.

GNIDA reserves the right to accept or reject any or all applications without giving any reasons thereof. GNIDA will not entertain or be liable for any claim for costs and expenses in relation to the preparation of the applications to be submitted in terms of this EOI Document.

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Data Sheet

1	EOI	Contour mapping and storm water network design for the city of Greater Noida
2	Name of the Authority's official for addressing queries and clarifications	GM Project Greater Noida Industrial Development Authority Plot No. 1, Knowledge Park 4, Greater Noida District Gautam Budh Nagar – 201308, Uttar Pradesh Phone: +91 85328 79758 Email: osdvr@gnida.in Website: www.greaternoidaauthority.in
3	Pre-bid conference	31.08.2023, 11:30 PM (IST) Zoom ID: 833 9776 4008 Pass code: 1234
4	Proposal Due Date (PDD)	11.09.2023 (05:00 PM IST). All interested participants are requested to send their documents and presentation to osdvr@gnida.in
5	Presentation on Proposal Document	Will be communicated

1 Invitation for Expression of Interest

Greater Noida Industrial Development Authority (“GNIDA” or “the Authority”) invites Expression of Interest (EOI) for “Contour mapping and storm water network design for the city of Greater Noida” (“the Project”). Interested Bidders can download the document from the website www.greaternoidaauthority.in , and submit their “Expression of Interest” in the formats duly filled and signed with required enclosures, via email superscribed “Contour mapping and storm water network design for the city of Greater Noida”

2 Key Instructions

Interested Bidders should make note of the following key points:

- 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.
- GNIDA reserves the right to cancel the EOI invitation as a whole or in part without assigning any reasons.
- The Bidders 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.
- GNIDA encourages interested bidders to contact the Project department
- 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.
- Bidders 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.
- The key dates and information for the Project are as below:

3 Introduction

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.

Greater Noida is more than a city; it is a testament to modern urban planning and foresight. Characterized by its dynamic industries, thriving residential communities, and progressive infrastructure, Greater Noida epitomizes the synergy between urban development and environmental stewardship. As the city evolves, the need for an advanced stormwater management system becomes paramount, ensuring not only the protection of lives and property but also the sustainable growth of this vibrant metropolis. enhancements.

The Greater Noida Industrial Development Authority extends an open invitation to visionary and experienced consulting firms with a proven track record in contour mapping and stormwater management. Through this EOI, we seek to collaborate with partners who share our dedication to innovation, environmental stewardship, and the creation of a safer, more sustainable urban environment.

4 Scope of Services

a) Accurate Contour Mapping:

- Conduct a detailed and accurate topographic survey of Greater Noida to create a high-resolution contour map.
- Utilize state-of-the-art surveying techniques, including GPS, LiDAR, and drone technology, to capture precise elevation data.
- Generate digital elevation models (DEMs) to depict the city's varying topography, ensuring a robust foundation for stormwater planning.

b) Stormwater Drainage Assessment:

- Analyse the existing stormwater drainage network to identify bottlenecks, inefficiencies, and areas prone to flooding.
- Evaluate the capacity of existing drainage systems and identify potential improvements to enhance water flow and reduce flood risks.

c) Comprehensive Stormwater Management Design:

- Develop an integrated stormwater management plan that encompasses both surface and subsurface drainage systems.
- Design innovative stormwater solutions that incorporate sustainable practices such as rainwater harvesting, permeable surfaces, and natural filtration mechanisms.
- Create a stormwater management hierarchy that prioritizes retention, detention, and controlled release to mitigate flood risks.

d) Flood Modelling and Risk Assessment:

- Utilize advanced hydrological and hydraulic modeling software to simulate various rainfall scenarios and assess potential flood risks.
- Identify flood-prone areas and vulnerable infrastructure, enabling the design of targeted mitigation strategies.
- Incorporate climate change projections to ensure the stormwater management system remains resilient in the face of future challenges.

e) Water Storage and Reuse Strategies:

- Design storage facilities such as detention ponds, retention basins, and artificial wetlands to temporarily hold and gradually release stormwater.
- Propose strategies for reusing collected stormwater for non-potable uses, such as irrigation, landscaping, and groundwater recharge.

f) Environmental Considerations:

- Integrate environmentally friendly design principles, ensuring minimal disruption to local ecosystems and biodiversity.
- Incorporate green infrastructure elements, such as vegetated swales, bio-retention areas, and green roofs, to enhance stormwater absorption and water quality.

g) Implementation Roadmap and Cost Estimates:

- Develop a comprehensive implementation roadmap that outlines the phased approach to stormwater system enhancement.
- Provide detailed cost estimates for the design, construction, and maintenance of proposed stormwater management infrastructure.
- Consider resource mobilization strategies, potential funding sources, and opportunities for public-private partnerships.

h) Project Documentation and Reporting:

- Prepare detailed reports at each project phase, outlining methodologies, findings, design rationale, and recommendations.
- Present the final comprehensive stormwater management plan, complete with technical drawings, specifications, and supporting documentation.

5 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 Bidder should be a Company registered under the Companies Act or Partnership firm registered under the Partnership Act of 1932 or registered (converted to) under the Indian Limited Liability Partnership Act, 2008 or a Proprietorship	Registration certificate in case of a Private Limited or a Limited Liability Partnership
2	Average Annual turnover <i>(Start-ups may be exempted from this criteria, provided they are associated with professionals with a proven track record in Urban and Rural Planning)</i>	Audited Financial statements – Balance Sheets, Profit and Loss Accounts, Annual Reports, CA certificate
3	The bidder should have in the last 7 years completed similar projects for design and development of comprehensive stormwater plan <i>(topographic survey, hydrological studies, storm water network design etc.)</i> <i>(Start-ups may be exempted from this criteria, provided they are associated with professionals with a proven track record in Storm water design and flood mitigation)</i>	As per format
4	The Bidder should have Income tax, PAN, GST Registration, any other competency certificate (if any) proving Institutional (Offices) nature of the organization and nature of activities (Offices) to be carried out.	Respective certificates

6 Presentation of Idea

Interested participants are kindly requested to submit their presentations in PDF format to the provided email address. The presentation should talk about the following aspects.

a) Introduction and Context:

- Briefly introduce your team and highlight your collective experience in innovative urban development projects.
- Set the context by emphasizing the critical role of effective stormwater management in enhancing urban resilience and sustainability.

b) Understanding the Challenge:

- Describe the unique challenges and complexities associated with stormwater management in Greater Noida.
- Emphasize the need for holistic and innovative solutions that go beyond traditional approaches.

c) Innovative Design Philosophy

- Present your overarching design philosophy that focuses on integrating technology, sustainability, and community engagement.
- Emphasize the importance of creating a stormwater management system that aligns with the city's long-term vision.

d) Advanced Mapping and Data Collection:

- Showcase your expertise in utilizing advanced surveying techniques for contour mapping and topographic data collection.
- Highlight how accurate data will form the foundation of your stormwater management design.

e) Comprehensive Stormwater Solutions:

- Describe your approach to creating an all-encompassing stormwater management plan that addresses flooding, drainage, and water quality.
- Present innovative strategies for flood modelling, risk assessment, and climate resilience.

f) Integration of Sustainable Practices:

- Discuss how you intend to incorporate sustainable practices such as rainwater harvesting, green infrastructure, and water reuse.
- Explain how these practices contribute to environmental protection and resource optimization.

g) Technological Innovation:

- Highlight any cutting-edge technologies or digital tools you plan to employ for real-time monitoring, adaptive management, and data-driven decision-making.
- Explain how these technologies enhance the efficiency and effectiveness of your stormwater management system.

h) Risk Mitigation and Adaptation:

- Present your strategies for mitigating flood risks and adapting the stormwater management system to future challenges, including climate change.
- Illustrate how your design ensures long-term resilience and flexibility.

i) Implementation Roadmap and Cost Efficiency:

- Outline your phased implementation roadmap, emphasizing efficient project execution and minimized disruptions.
- Discuss your approach to cost-effective solutions, potential funding sources, and opportunities for optimizing resources.

j) Success Stories and Lessons Learned:

- Share examples from similar projects that demonstrate the successful application of your innovative design principles.
- Discuss any lessons learned from previous projects and how they inform your approach to Greater Noida.

7 Formats for Submission

7.1 EOI Submission Form

(On the letterhead of 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 Innovations in the design and development of Smart Villages of Greater Noida. We are hereby submitting our Proposal, which includes our documents 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 award.

We remain,

Yours sincerely,

Authorized Signature [In full and initials]:

Name and Title of Signatory:

Name of Organisation:

Address: _____

Email ID: _____

Contact Number: _____

7.2 DETAILS OF BIDDER

[Please capture all relevant information]

Details of the contact person

Name:

Designation:

Telephonic Number:

Email:

Address:

Details of the firm by Bidder:

Name of the Firm:	
Date of registration of the Firm:	Country:
Address:	
GST No. <i>(Copy of Certificate)</i>	PAN No. <i>(Copy of Certificate)</i>
<i>Copy of certificate of Company registered in India under the Companies Act 1956/ 2013</i>	

On Behalf of (Name of the Bidder)

Signature of the Authorized Person

Name:

Designation

7.3 FINANCIAL INFORMATION

Please provide financial details for the last three (3) financial years along with necessary supporting documents in the following format.

Financial Year	Annual Turnover (INR)
2019 – 2020	
2020 – 2021	
2021 – 2022	
2022 – 2023	
<i>Total</i>	<i>Average Annual Turnover</i>

Note: Copy of the balance sheet and ITR duly certified, shall be attached as proofs.

On Behalf of (Name of the Bidder)

Signature of the Authorized Person

Name:

Designation

7.4 DETAILS OF RELEVANTS WORKS COMPLETED IN LAST 7 YEARS

Assignment name:	
Country: Location within country:	Duration of assignment (months):
Name of Client:	Total No of man-months of the assignment:
Project Value (INR)	Amount of consulting fee received by your firm (INR)
Start date (month/year):	Completion date (month/year):
Name of associated Bidders, if any:	No. of professional man-months provided by associated Bidders:
Narrative description of Project	
Description of actual services provided by your staff within the assignment:	
Firm's Name:	

7.5 DECLARATION

Declaration for not being barred by the Central Government, any State Government, a statutory authority or a public sector undertaking, as the case may be, from participating in any project, and the bar subsists as on the as on the date of the Proposal Submission.

Declaration Letter for “<insert name of the RFP>”

(To be printed on Letter Head)

Sir/Madam,

This is to notify you that our Company / LLP / Partnership / Society / Proprietorship <Please delete whichever is not applicable> intends to submit a proposal in response to <insert name of the RFP>, we also declare that our Company / LLP / Partnership / Society / Proprietorship <Please delete whichever is not applicable> has not been blacklisted by any Central / State Government Department / Public Sector undertaking, as the case may be, from participating in any project, and the bar subsists as on the as on the date of the Proposal Submission.

Sincerely,

(Signature of the Authorized Person)

Name:

Designation: