



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

Expression of Interest

for

**New Road design technologies and methodologies that can be deployed at
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 “New Road design technologies and methodologies that can be deployed at 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	New Road design technologies and methodologies that can be deployed at 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	25.08.2023, 1130 hrs (IST) Zoom ID: 812 8971 8462 Pass code: 1234
4	Proposal Due Date (PDD)	07.09.2023 (05:00 PM IST). All interested participants are requested to send their documents and presentation to osdvr@gnida.in
5	Presentation on Proposal	Will be communicated

1 Invitation for Expression of Interest

Greater Noida Industrial Development Authority (“GNIDA” or “the Authority”) invites Expression of Interest (EOI) for “New Road design technologies and methodologies that can be deployed at 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 “New Road design technologies and methodologies that can be deployed at 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 Urban Services 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

In a world marked by constant progress and innovation, the road construction landscape in India stands at a crucial crossroads. As we look ahead to usher in a new era of sustainable urban development, it becomes imperative to break free from conventional practices and embrace cutting-edge methodologies that align with global advancements. The time has come to revolutionize road design, departing from the age-old norm of bitumen roads, and embarking on a transformative journey towards the adoption of novel and ingenious concepts.

The significance of well-designed roadways cannot be overstated; they serve as lifelines that connect communities, facilitate commerce, and facilitate seamless travel experiences. However, it is apparent that our road design practices have remained stagnant, failing to keep pace with the rapid evolution of technology and environmental considerations. This presents an unprecedented opportunity for innovators, thinkers, and creators to reshape the very foundation of India's road infrastructure.

4 Scope of Services

We welcome proposals in the following focus areas, but not limited to:

1. **Concrete Roads:** Innovations in Continuously Reinforced Concrete Pavements (CRCP) that offer exceptional structural integrity and reduced maintenance needs.
2. **Sustainable Materials:** Novel use of sustainable materials, including recycled plastics, rubberized asphalt, and other eco-friendly alternatives that enhance road longevity and sustainability.
3. **Precast Quality Concrete (PQC):** Modern approaches to Precast Quality Concrete construction that optimize efficiency, reduce construction time, and minimize disruption.
4. **Smart Road Technologies:** Integration of smart technologies, IoT devices, and data analytics to create intelligent road networks that adapt to real-time traffic patterns, weather conditions, and maintenance requirements.

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 integrated road design <i>(design and development of water, sewer, storm water, utilities, road design – bitumen, CRCP, CRCR, PQC, UTWT, etc. and new road construction)</i> <i>(Start-ups may be exempted from this criterion, provided they are associated with professionals with a proven track record in Road and Infrastructure Planning)</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 the idea

Interested participants will be called for a detailed presentation at a later date and the selection committee will assess the following parameters:

- Innovative Concept:** The core of the presentation should showcase a truly innovative and groundbreaking road design concept. This concept should challenge conventional practices and offer a novel approach to road construction, materials, or technologies.
- Technical Feasibility:** The proposal should outline the technical feasibility of the proposed design. This includes a detailed explanation of how the concept will work in practice, addressing engineering challenges, construction methods, and compatibility with existing infrastructure.
- Material Selection:** If the proposal introduces new materials or uses existing materials in innovative ways, the presentation should provide a comprehensive rationale for material selection. This should include considerations such as durability, environmental impact, cost-effectiveness, and suitability for Indian road conditions.
- Sustainability:** Emphasis should be placed on the environmental sustainability of the proposed design. This includes how the concept contributes to reducing carbon emissions, conserving natural resources, and promoting a circular economy using recycled or eco-friendly materials.

5. **Cost-effectiveness:** An assessment of the economic viability of the proposed concept is crucial. Presenters should provide a clear breakdown of costs, including construction, maintenance, and potential savings over the lifecycle of the road.
6. **Longevity and Durability:** How the proposed design ensures long-lasting road infrastructure, minimizing maintenance needs and disruptions, should be clearly outlined. Any innovative features contributing to enhanced durability and longevity should be highlighted.
7. **Environmental Impact:** The presentation should address how the proposed concept contributes to minimizing the environmental impact of road construction and operation. This could involve reducing pollution, improving water drainage, and minimizing disruption to local ecosystems.
8. **Incorporation of Technology:** If the proposal integrates smart technologies or digital solutions, the presentation should explain how these technologies enhance road functionality, safety, and maintenance practices.
9. **Real-world Case Studies or Demonstrations:** If applicable, presenters can strengthen their proposal by referencing successful case studies or pilot projects where the concept has been implemented, tested, or validated in similar contexts.
10. **Collaboration Potential:** The presentation should demonstrate the potential for collaboration with local authorities, research institutions, and other stakeholders in order to ensure successful implementation and scale-up of the proposed concept.
11. **Aesthetic and Cultural Considerations:** If the design has aesthetic or cultural elements, explain how these aspects are integrated to reflect the local context and enhance community engagement.
12. **Team Expertise:** Briefly introduce the team members' qualifications, expertise, and relevant experience in road engineering, construction, materials science, or related fields.
13. **Timeline and Implementation Plan:** Provide an estimated timeline for project implementation, including key milestones and phases. This demonstrates a practical approach to bringing the concept to fruition.
14. **Potential Impact:** Outline the potential positive impact of the proposed road design on the local community, economy, and urban development as a whole.
15. **Visual Aids:** Visual representations, such as diagrams, renderings, simulations, or models, can help convey the concept more effectively and engage the audience.

7 Formats for Submission

7.1 EOI Submission Form

(On the letterhead of applicant)

To,
The Manager,
Urban Services
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 Operations and Maintenance of four Vending markets at 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: