



### Greater Noida Industrial Development Authority

Plot No. 1, Knowledge Park IV, Greater Noida, Gautam Budh Nagar- 201308  
E-mail: [authority@gnida.in](mailto:authority@gnida.in), Web: [www.greaternoidaauthority.in](http://www.greaternoidaauthority.in)

Reference Number: PLNG./2018/32312

Dated: 10.07.2018

### Request for proposal (RFP) for selection of Consultant for Preparation of Comprehensive Mobility (Traffic and Transportation) plan for Greater Noida

Detailed RFP document is available on the E-procurement portal of Government of UP (<http://etender.up.nic.in>) and Greater Noida Industrial Development Authority's website (<http://www.greaternoidaauthority.in>) from 12.07.2018, 1500hrs (IST).

Interested bidders are required to apply online on the E-procurement website on or before 08.08.2018, 1700hrs (IST). Pre-bid conference is scheduled for 23.07.2018, 1500 hrs (IST). In case of any queries, the bidders are invited to contact D.G.M. (Png), GNIDA, Plot No: 01, Knowledge Park IV, District: Gautam Budh Nagar, Uttar Pradesh 201308

Email: [dgplanning@gnida.in](mailto:dgplanning@gnida.in) Phone: +91 120 2336017

A.C.E.O. (T)

31/7/2018 3:41 PM 11.7.2018



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A.C.E.O. (T)

## **E – Bid Document**

### **Request for Qualification cum Request for Proposal**

**for**

### **Selection of Consultant for preparation of Comprehensive Mobility (Traffic and Transportation) Plan for Greater Noida**

Location: Greater Noida, Uttar Pradesh

July, 2018

### **Issued by:**



**Greater Noida Industrial Development Authority**

Plot No. 1, Knowledge Park 4, Greater Noida

District Gautam Budh Nagar – 201308, Uttar Pradesh

## **Disclaimer**

This e-Bid document for “Selection of Consultant for preparation of Comprehensive Mobility (Traffic and Transportation) Plan for Greater Noida” contains brief information about the scope of work and selection process for the Successful Bidder (or “Consultant”). The purpose of the e- Bid document is to provide the Bidder/ Vendor with information to assist the formulation of their application (“the Application”). The services related to provision of traffic and transport plan for the region envisaged by the Authority will further be known as “the Project”

While all efforts have been made to ensure the accuracy of information contained in this Document, this Document does not purport to contain all the information required by the Bidder. The Bidder 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 bid for the competition.

Greater Noida Industrial Development Authority (“GNIDA”), its employees and advisers make no representation or warranty and shall have no liability to any person including any Bidder under any law, statute, rules or regulations or tort, principles of restriction or unjust enrichment or otherwise for any loss, damages, cost or expense which may arise from, to be incurred or suffered on account of anything contained in this document or otherwise, including the accuracy, adequacy, correctness, reliability or completeness of the TOR and any assessment, assumption, statement or information contained therein or deemed to form part of this e-Bid or arising in any way in this selection process.

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 entries to be submitted in accordance with the conditions listed in this e-Bid.

## Data Sheet

1	Name of the Bid	Selection of Consultant for preparation of Comprehensive Mobility (Traffic and Transportation) Plan for Greater Noida
4	Bid Processing Fee	INR 5000+ GST@18% (Five thousand only) (through RTGS only)
5	Ernest Money Deposit (EMD)	INR 50,000/- (Fifty Thousand only) (through RTGS only)
6	Performance Security	10% of the Contract value
7	Financial Bid to be submitted together with Technical Bid	Yes
8	Name of the Authority's official for addressing queries and clarifications	<b>Additional Chief Executive Officer (T)</b> Greater Noida Industrial Development Authority Plot No. 1, Knowledge Park 4, Greater Noida District Gautam Budh Nagar – 201308, Uttar Pradesh Phone: +91 120 2336010   +91 120 2336017 Email: aceot@gnida.in   dgmplanning@gnida.in Website: www.greaternoidaauthority.in
9	Bid Validity Period	90 days
10	Bid Language	English
11	Bid Currency	INR
12	Schedule of Bidding Process	
	Task	Key Dates
	Bid upload date	12/07/2018, 1500 hrs (IST)
	Last date of receiving queries	20/07/2018, 1500 hrs (IST)
	Pre-bid conference	23/07/2018, 1500 hrs (IST)
	Bid Start Date	30/07/2018, 0900 hrs (IST)
	Bid End Date	08/08/2018, 1700 hrs (IST)
	Opening of Technical Bids	10/08/2018, 1500 hrs (IST)
	Technical presentation	To be communicated later
	Opening of Financial Bid	To be communicated later
	Issuance of Letter of Acceptance (LoA)	To be communicated later
13	Account details	(a): For Bid processing fee Bank of Baroda, Gamma II, Greater Noida

		A/C No. 98250100008324 IFSC Code: BARB 0 GAMNOI (b): For EMD Bank of Baroda, Gamma II, Greater Noida A/C No. 98250100005634 IFSC Code: BARB 0 GAMNOI
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## 1. 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. The Greater Noida Industrial Development Authority (GNIDA) is the nodal agency responsible for development and administration of the city.

Greater Noida is currently well connected within the Region by Greater Noida and Yamuna Expressways and other regional roads. Further, with the development of the Noida-Greater Noida Metro-rail, Greater Noida will be connected by a metro rail also.

Greater Noida has rapidly developed to be one of the most vibrant industrial areas in the National Capital Region (NCR) and is considered to be the hub of information technology in North India. Various industries such as electronics, manufacturing and other small and medium enterprises have also come up. Further, with the proposed development of multiple projects under the DMIC (Delhi-Mumbai Industrial Corridor), the area is expected to develop at a rapid pace. As part of the further development in the Yamuna Expressway area, additional five Greenfield cities are expected to come up.

Given the current scenario of development and considering the upcoming developments in the area, GNIDA intends to appoint a Transport Consultant for preparation of Comprehensive Mobility (Traffic and Transportation) Plan for Greater Noida.

In view of the above, GNIDA is desirous of selecting a Consultant/ Consortium of Consultants for the following services:

- Identifying a project idea/ concept/ theme that would qualify to be envisaged as “Traffic Solution” for entry to Greater Noida at identified locations.
- Undertake detailed surveys and analysis for smooth traffic flow in the region along with financial analysis for the implementation of the approved projects.

The Transport Consultants will be responsible for understanding the current scenario, estimating future demand and suggesting interventions for improving the connectivity.

The Scope of Work as given in Section 2.1 of this document includes the details of the activities to be conducted as part of the Project.

## 1.1 Brief description of the selection process

i. An overview of the Project is as follows:

#	Parameter	Description
1	Time period of the engagement	9 Months
2	Bidder/Applicant	Sole Bidder or a Consortium of up to 2 members.  Note: Bidder may be a private entity, government-owned entity or any combination of them with formal intent to enter into an agreement under an existing agreement to form a Consortium.
3	Consortium to be allowed	Yes
4	Sub/Contracting to be allowed	Yes
5	Eligibility conditions	To be eligible for evaluation of its Bid, the Bidder shall fulfil the following:  A. <b>Presence in Delhi/NCR:</b> The Applicant must have a fully functional office in Delhi/NCR.  B. <b>Financial Capacity:</b> The Applicant must have an average annual turnover (from consultancy services) of at least INR 20 crore in the last three financial years. Certified copies of Financial Statements to be attached as proofs.  C. <b>Technical Capacity:</b> The Applicant must have the following experience <ul style="list-style-type: none"> <li>• Experience of transport planning including traffic surveys, demand forecasting etc. in the last 5 years for road sector projects - at least 2 projects</li> <li>• Experience of preparing Detailed Project Reports for Roads/Highways or similar projects in the last 5 years – at least 1 project</li> <li>• Experience of preparing Comprehensive Mobility Plans/Regional level transport network plans for cities in the last 8 years – at least 1 project</li> <li>• Experience of Detailed Design (infrastructure pertaining to traffic/transport planning) Consultancy in the last 5 years (including experience of support related to detailed design during construction) - at least 2 projects</li> </ul>

7	Minimum Technical Score	The Financial Proposal shall be opened for only those Bidders who score a minimum of <b>70 marks</b> in Technical Evaluation as mentioned in the Data Sheet.
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## 1.2 Communications

All communications should be addressed to:

**Additional Chief Executive Officer (T)**

Greater Noida Industrial Development Authority

Plot No. 1, Knowledge Park 4, Greater Noida

District Gautam Budh Nagar – 201308, Uttar Pradesh

Phone: +91 120 2336010 | +91 120 2336017

Email: [aceot@gnida.in](mailto:aceot@gnida.in) | [dgmplanning@gnida.in](mailto:dgmplanning@gnida.in)

Website: [www.greaternoidaauthority.in](http://www.greaternoidaauthority.in)

## 2. Terms of Reference

### 2.1. Scope of services

#### Preparation of transport plan for notified areas falling under GNIDA

The area covered for the assignment will cover the planning horizons (Short, Medium and Long term) shall be 2020, 2025, 2035 with the base year being 2018. Tasks performed shall be as follows:

**Task 1:** Collect data and analyse urban transport environment

**Task 2:** Prepare urban transport development strategy for the future

**Task 3:** Develop urban mobility plans

**Task 4:** Prepare implementation programme

**Task 5:** Stakeholder's consultations

**Task 6:** Preliminary design for all roads (reduce engineering design on this) – enhancement solutions, smoothening of turns, improving carrying capacity

**Task 7:** 3D model and spatial database

Detailed sub-tasks to be performed are as follows:

#### Task 1: Collect data and analyse urban transport environment

Sub-task	Activities
1. Regional profile	<p>Prepare a brief profile of the Region from available documents including:</p> <ul style="list-style-type: none"> <li>• Location</li> <li>• Population and demographic data</li> <li>• Land use</li> <li>• Occupancy</li> <li>• Socio-economic data</li> <li>• Transport network and regional connectivity</li> <li>• Road networks and conditions</li> <li>• Applicable policies (transport and others)</li> <li>• National and State traffic rules and regulations</li> <li>• Environmental issues, such as natural conservation areas</li> </ul>
2. Collect data and review urban transport system:	<ul style="list-style-type: none"> <li>• Collect and review all relevant reports, data on socio-economic characteristics, vehicle ownership, the transport network, applicable transport policy, National and State traffic rules, guidelines &amp; regulations, and other available engineering parameters relevant to the assignment. All other relevant information related to accidents, land use planning, mapping, right of way on key corridor shall be reviewed.</li> <li>• The Greater NOIDA authority will provide/facilitate to collect the following information regarding the developments and current status to the consultant</li> </ul>

	<ul style="list-style-type: none"> <li>○ Existing GIS database</li> <li>○ Existing studies, reports and proposals</li> <li>○ Existing transport infrastructure including public transport</li> <li>○ Existing traffic safety and enforcement protocols</li> <li>○ Existing technical layouts/sections of key junctions/roundabouts and primary/secondary roads</li> <li>○ Accident Records</li> <li>○ Reconnaissance survey</li> <li>○ Environmental and social condition</li> </ul> <ul style="list-style-type: none"> <li>● Data on existing land use and land use plan should be collected, through a detailed review of existing development plans, including the Master plan and/or the City Development Plan. In particular, new development areas that will affect transport demand in the planning area should be inventoried and summarized.</li> <li>● Based on information/data collected, a basic analysis of the transport and traffic situation will be carried out identifying characteristics and issues for the city. The following should be carried out: <ul style="list-style-type: none"> <li>○ Diagnosis of urban transport situation inside Greater Noida with special emphasis given to key traffic junctions, roundabouts and primary roads in the city</li> <li>○ Diagnosis of urban transport situation particularly with respect to inter-connectivity maybe also studied on preliminary basis with other neighbouring cities and within Greater Noida.</li> <li>○ This should include both existing cities such as Noida, Delhi, Ghaziabad and Faridabad; as well as planned cities such as those under Yamuna Expressway Industrial Development Authority (YEIDA) and the Delhi Mumbai Industrial Corridor (DMIC)</li> <li>○ Analysis of compliance with appliance National traffic rules, polices &amp; regulations</li> <li>○ Analysis of traffic characteristics</li> <li>○ Analysis of social conditions</li> </ul> </li> </ul>
<p><b>3. Conduct the following surveys for the purpose of data collection and analysis</b></p>	<p><b>1. Traffic surveys:</b> Traffic and other surveys, as defined below, shall be carried out in the forms of surveys, data collection, assessment, analysis and evaluation. The objective is to determine:</p> <ul style="list-style-type: none"> <li>○ Traffic flow and composition by link</li> <li>○ Assessment of level of service (urban transport guidelines should be used for benchmarking)</li> <li>○ Vehicle characteristics for determination of vehicle operating costs</li> </ul>

	<p>Proposed traffic survey locations should be identified during collection of data and be listed in the inception report. Survey locations should be identified to cover key junctions such as:</p> <ul style="list-style-type: none"> <li>○ T junctions</li> <li>○ Roundabouts (Pari chowk etc.)</li> <li>○ Metro station locations</li> <li>○ School locations</li> <li>○ Congestion stretches</li> <li>○ Traffic situation for peak demand must be studied and factored in during the analysis, wherever applicable.</li> </ul> <p>2. <b>Manual classified counts:</b> Classified volume counts will be conducted at critical links and intersections for a period of 8 hours (4 in the morning and 4 in the evening) including the morning and evening peak hours. The Consultant will study existing situation and prepare a list of critical links and intersections. The selection of the critical links and intersections for the survey will be done in consultation with the Client. The following data will be collected:</p> <ul style="list-style-type: none"> <li>○ Category/Traffic mode (define) wise hourly flow. Modes of traffic to be covered include bus, private transport (two wheeler, three wheeler, four wheeler), commercial vehicles, slow moving vehicles others (such as pedestrian)</li> <li>○ Category wise hourly turning movements</li> <li>○ Variation in flow before, during and after the peak.</li> </ul> <p>3. <b>Parking survey:</b> Work and business centers, shopping complexes and tourist attractions are major generators of parking demand. Parking demand should be established by a manual count of each vehicle type where there significant on street parking occurs. The survey will be conducted for a period of 12 hours continuously in such areas. Parking survey should be on the basis of land use survey. Prior to the survey, the master plan and buildings in each type of land use, and applicable traffic rules &amp; regulations should be reviewed.</p> <p>4. <b>Origin destination survey:</b> Origin-destination survey will be conducted through roadside interviews on an outer cordon i.e. major entry/exit points and on corridors where important activity locations are situated. The tentative number and location of survey stations, the survey time in hours per day will be confirmed after detail discussion with the Client. The location and timings of the road side interviews will coincide with that of traffic counts to facilitate adjustment of sampling. The information shall be obtained by trained enumerator supervisors and include type of vehicle, make, type of commodity carried, origin and destination, trip purpose, place of residence, employment, and frequency of travel of the road user</p>
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5. **Speed and delay surveys:** These surveys will establish road capacity and extent of congestion on key sections to determine possible improvements, widening, intersections, traffic control, traffic management, etc. The consultants shall carry out speed delay surveys in both peak and anti-peak hour's directions, during peak and off-peak hours. The free speed shall be observed and impact of the prevailing traffic on running speed during peak and off-peak hours for each section shall be established to indicate the level of congestion. Typical delay and causes shall be identified.
6. **Mass transit and passenger's survey:** The survey will be conducted on routes within the city and at terminal areas for a period for 24 hours. The basic purpose of the survey will be to collect information regarding origin, destination, trip purpose, frequency of travel and other particulars. The random survey sampling technique will be adopted to survey the passengers and will cover all modes.
7. **Commuter survey:** Public and private trips by all modes which originate/terminate outside the city planning area with destination/origin within the city will be surveyed. The survey will be planned for 24 hours at railway stations and at an outer cordon
8. **Vehicle Operators' survey:** A sample survey of operators of taxis, auto rickshaws, good vehicles along with slow moving goods vehicles will be conducted inside the city area with assistance from the vehicle owners' associations. Information on vehicle and operating characteristics will be collected. In the case of slow moving goods vehicles, operating cost, socio-economic characteristics of operators and routes of operation will be determined. The survey will be planned for 24 hours.
9. **Terminal area survey:** This survey will collect information on movement patterns of persons/goods at major terminal and market areas: vehicle (good and passenger) entry/exit, including commodity/occupancy, etc. The survey is to undertaken at main railway stations, bus terminals, etc.
10. **Pedestrian survey:** Pedestrian survey will be carried out to assess flows/demand at identified major intersections and road corridors. The survey will be from 06:00 to 22:00 on a normal working day and will detail the number of pedestrians moving along and across the road at mid-block and at intersections.
11. **Road inventory survey:** An inventory will be conducted along all major roads in adequate detail, including link lengths, cross-sections details, type and general surface conditions, street furniture, intersections, control devices, drainage conditions, abutting land use, parking, etc
12. **Topographic surveys at key sections/junctions:** The Consultant shall conduct plane table surveys to prepare base plans for critical sections

	<p>and junctions to facilitate improvements. Total station survey will also be conducted for major terminals (bus and rail), based on the prevailing traffic circulations pattern and parking demand, etc. and appropriate improvement proposals will be established</p> <p><b>13. Develop base year transport demand model:</b> In this task, a base-year transport demand model will be developed using results of all the above surveys. This shall apply traffic demand modelling to analyse/evaluate urban land use and the transport system. The modelling should emphasize person-based travel patterns, along with vehicle movements and include more non-motorized vehicles (NMV)/pedestrian movements than conventional modelling approaches. It should also enable integrated planning of urban land use and the transport system.</p>
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**Task 2: Prepare urban transport development strategy for the future**

<b>Sub-task</b>	<b>Activities</b>
<b>1. Vision and Goals</b>	<ul style="list-style-type: none"> <li>It is essential that mobility improvement measures in proposal form a coherent package with a consistent vision and goals for the desirable directions of city urban transport. The vision and goals define the desired form of long-term urban transport system in the city. While visions are statements of the desirable directions of urban transport development, goals are quantitative/qualitative targets for major indices, to be achieved within the planning horizons. The Consultant will prepare the vision for the urban transport development strategy and also define quantifiable goals to achieve this vision.</li> </ul>
<b>2. Urban growth scenarios</b>	<ul style="list-style-type: none"> <li>In this task, optimal land use and transport systems will be examined. For analytical purposes, urban growth scenarios will be developed in combination with strategic level transport networks. While master plans regulate land use pattern, this activity should provide a preferred growth scenario from the view point of an optimal urban land use and transport development pattern.</li> </ul>
<b>3. Future transport network scenarios</b>	<ul style="list-style-type: none"> <li>The future transport network consists of the existing network and additional network. Future modal split (ratio of trips made by public and private transport modes) needs to be estimated by the use of modelling analysis. When the detailed modelling method is not applied, it is recommended to set several modal scenarios that will be used in generating alternative networks to meet the future travel demand.</li> </ul>
<b>4. Development of urban land use and transport strategy:</b>	<ul style="list-style-type: none"> <li>Each combination of transport network and urban growth scenario developed in the previous tasks should be assessed using the transport demand model. Land use patterns will be included in the modelling analysis, in terms of a specific distribution of residential population and</li> </ul>

	<p>employment. Various land-use planning measures should be considered in relation to transport development strategies. The alternative development scenarios will be evaluated by using criteria, such as potential for developing public transport systems, total travel time, average travel speed, and economic indices. Based on the evaluation, a desirable urban development strategy will be proposed.</p>
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### Task 3: Develop urban mobility plans

Urban transport projects should be identified which would support the proposed vision and goals and the development scenario.

Sub-task	Activities
<b>1. Public transport improvement plan</b>	<p>A public transport improvement plan should be developed that covers:</p> <ul style="list-style-type: none"> <li>• Development of all modes of public transport with a focus on multi-modal integration</li> <li>• Present and prospective modes of transport e.g. innovative transportation means</li> <li>• Development of trunk and feeder public transport network</li> </ul>
<b>2. Road network development plan</b>	<p>Road projects will be developed and listed in the proposal, including but not limited to the following:</p> <ul style="list-style-type: none"> <li>• Grade separator projects</li> <li>• Intersections improvement projects for important junctions (Metro Corridor, Pari chowk etc.)</li> <li>• Flyover projects</li> <li>• Underpass projects</li> <li>• Cloverleaf projects</li> </ul> <p>The road network plan should include the following aspects:</p> <ul style="list-style-type: none"> <li>• Inter-city connectivity between Greater Noida and other cities</li> <li>• Connectivity within Greater Noida</li> <li>• Existing and future traffic bottlenecks</li> <li>• Explanation of proposed strategy in terms of land use pattern</li> <li>• Public transport network</li> <li>• Role and benefit of each project within the road network plan</li> <li>• Recommendations for infrastructure</li> <li>• Operations and maintenance on existing and proposed road networks</li> <li>• Provision of sidewalks, skywalks and NMV lanes</li> <li>• Estimated costs of proposed projects</li> <li>• Planning improvement at strategic locations</li> </ul>

	All the recommendations and proposals given by the Consultant must focus on safe and sustainable mobility solutions.
<b>3. Non-motorized transport (NMT) facilities</b>	Planning for pedestrians, bicycles and cycle rickshaws will be one of the most important tasks in the plan. As the plan sets out visions/goals for the region and serves as a strategic level plan for urban land use and transport systems, the NMT policy level planning may be accepted. However, detailed NMT improvement plans and traffic management measures can be worked out for commercial centres, metro stations and other major activity centres, which refine NMT policy for the whole region and provide the costing basis to implement such policy
<b>4. Mobility management measures</b>	Measures for mobility management should be developed with implications for regulation and enforcement. The topics to be covered in this plan include: <ul style="list-style-type: none"> <li>• Pedestrian’s facilities</li> <li>• Non-motorized vehicle facilities</li> <li>• Traffic control measures</li> <li>• Parking plan – Space identification as well as provision of adequate parking spaces at all Intermediate Public Transport (IPT) facilities like bus stations, metro stations, etc.</li> <li>• Intersection Improvement projects (in parallel with road network development plan)</li> <li>• Demand management measures</li> <li>• Traffic safety plan</li> <li>• Intelligent transport system and user information</li> </ul>

**Task 4: Prepare implementation programme**

<b>Sub-task</b>	<b>Activities</b>
<b>1. Preparation of project list</b>	An implementation programme including practical procedures to implement the proposed measures, in terms of timeframe, financing options and implementation agencies, should be prepared. A brief summary of project information is required, including project title, location, estimated cost, etc. Proposed projects should be evaluated and prioritized against clear criteria and classified into short, medium and long term (10+ years). Prioritization methodology should be discussed with the Client before preparing the list of projects for short, medium and long term implementation. Specifically, the following tasks should be conducted: <ul style="list-style-type: none"> <li>• Preparation of project list (Improvement of important intersections shall be given a priority)</li> <li>• Selection of priority measures</li> </ul>

	<ul style="list-style-type: none"> <li>• Prioritization methodology</li> <li>• Identification of possible financing options</li> <li>• Development of implementation programme</li> </ul>
<b>2. Project profile sheets for short term projects</b>	Project profile sheet should be prepared for short term projects

**Task 5: Stakeholder’s consultations**

- The proposal should be discussed with stakeholders throughout the study. An Advisory committee and workshops/seminars should be organized to coordinate and develop a consensus. In particular workshops/seminars should be held at the stage of inception report, interim report and draft final report stages. The primary objective should be to develop a working relationship with stakeholders and to obtain their views on the proposal.
- The primary stakeholders i.e. GNIDA and their concerned staff should be fully involved throughout the work, such that all aspects of the plan development process and its subsequent updating are within the capacity of such officials by the end of the study.

**Task 6: Preliminary design for all roads (reduce engineering design on this) – enhancement solutions, smoothing of turns, improving carrying capacity.**

<b>Sub-task</b>	<b>Activities</b>
<b>1. Preliminary design of roads</b>	The preliminary design of roads will include but not be limited to complete layout of the proposed road network as per the agreed cross sections with all the features shown thereon, new alignment including interface with the major roads, proposed mass rapid transit (MRT) corridor and other elements of the overall region.
<b>2. Typical Road Cross Sections and Road Network:</b>	Layout shall be based on the Master Plan recommendations for typical cross-sections. Consultants have to review, update and revise the road cross sections incorporating main carriageway, service road (if required). The road cross sections and layout should be designed with emphasis on incorporating pedestrians and non-motorised transport movement, public transport and para-transits, public transport routes, segregating/ dedicating lanes for Heavy Occupancy Vehicle (HOV)/ commercial vehicle movement, freight terminals, if any
Pavement Cross Sections:	Consultant has to design the pavement cross sections for all categories of roads based on the projected traffic of the demarcated area. The traffic will form the basis for design of pavement. Consultant has to advise on suitable pavement type depending on the site conditions and soil California Bearing Ratio (CBR). The pavement shall be done strictly based on the provisions of Indian Road Congress (IRC) and Ministry of Road Transport and Highways (MORTH)

	standards and codes. Pavement shall be designed typically for repetition of wheel loads in terms of standard axles over a design period as per IRC standards
Bridges and culverts	Bridges and culverts shall be designed for IRC loading class 70 R and for seismic forces for appropriate zones. All activities related to field studies, preliminary design and documentation shall be done as per the latest guidelines/ circulars of MORTH and relevant publications of the IRC and Bureau of Indian Standards (BIS). For aspects not covered by IRC and BIS, international standard practices, such as, British and American Standards may be adopted
Geometric design:	Geometric design: Road geometry should be designed based on IRC guidelines and international codes also to be referred in case of any missing data. The preliminary design should support overall drainage of the site. Latest design software like MX has to be used for the same. Design analysis and any other software output have to be shared with the client
Drainage design:	Drainage design: A detailed preliminary layout of the drainage to be decided and the same has to be agreed with the client before final submission. This also has to be integrated with the existing drainage around the site if any. The drainage design should be done for all surface and sub-surface drainage including junctions. The existing data on rainfall, flood history, existing stream all has to be studied in detail before preparing drainage plan
Junction Design:	Junction Design: As part of the overall preliminary engineering of road network, the intersections have to be designed based on the traffic projections. Consultants has to identify best suitable warrants for major intersections in the study area including but not limited to signalised intersections, roundabouts, grade separated interchanges, etc. Consultants have to provide preliminary designs based on projected traffic for each of the development phases. Consultant should come out with innovative traffic management techniques that help in reducing cost of construction such as state of art area level traffic signalling system that increase the traffic handling capacity of intersections
Bus bays, drop-off & bus shelters	The Consultant shall identify suitable locations for provision of bus bays, drop-offs and bus shelters on the proposed road network. As far as possible, bus bays shall not be located on horizontal curves, summit of vertical curves and bridges. Good visibility must be ensured. Further, the bus bays should not be too close to major intersections. The length of each such bus bay shall also be indicated.

- Apart from the above, the consultant will also have to take up the following as a part of preliminary design report:
  - Traffic circulation plan, utility relocation plan and layout of service road connections, acceleration/ deceleration and sheltered lanes
  - Planning and layout of protection works like retaining/ toe walls, pre-loading, ground treatment based on geotechnical data, slope protection, bunds, embankments, and drains

- Preliminary design of structures like underpasses, flyovers, pedestrian underpasses/ crossings, railway over bridges (ROBs), indicating the approximate sections and General Arrangement Drawing (GAD)
- Traffic management plan during construction period
- Road signing and marking plans, including over-head and variable message signs, Pavement Markings, Safety Barriers, Railings, Delineators, Chevron Markings, Traffic Attenuators and crash barriers
- Overall Circulation and Traffic Management System for entire site
- The alignment design shall be verified for available sight distances as per the standard norms. The provision of appropriate markings and signs shall be made wherever the existing site conditions do not permit the adherence to the sight distance requirements as per the standard norms. The consultants shall make detailed analysis of traffic flow and level of service for the existing road and workout the traffic flow capacity for the improved project road. The requirement for separate climbing lanes along steep gradients for heavy trucks shall be investigated and operational analysis shall be carried out for the provision
- The design drawings for geometric elements shall cover, but not be limited to the following major heads:
  - Site layout showing the proposed work (project schematic)
  - Typical cross-sections
  - Geometric design drawing of city roads which will include plan and profile
  - Geometric design drawing of service roads which will include plan and profile
  - Preparation of junction design
  - Preparation of drainage layout and typical drain details
  - Typical details of proposed culverts
  - GADs of minor and major bridges and other structures
  - Typical details of road protection works
  - Road safety design

**Task 8: Submission of documents**

- The Consultant shall deliver four (4) copies of the final report along with soft copies of the report, support calculations, survey data, etc.

## 2.1 Timeline and payment milestone

### Preparation of Comprehensive Mobility Plan for Greater Noida City

#	Deliverable	Timeline (t=0) from signing of Contract	Payment
A	<b>1. Inception report</b> including approach and methodology and proposal regarding development of model through appropriate software package <b>2. Pilot study</b> of key intersection in Greater Noida	T+1 Month	20%
B	<b>Part I: Traffic System Management Plan for short term</b>		
B.1	Draft Report	T+4 Months	20%
B.1	Final Report	T+6 Months	20%
C	<b>Part II: Transport System Plan for medium and long term</b>		
C.1	Draft Report	T+6 Months	20%
C.2	Final Report	T+9 Months	20%

*Note: 50% of the payment amount will be paid upon submission of the deliverable document/s due and the balance 50% payment will be done only after approval of the particular deliverable by GNIDA.*

- i. In case of a delay in submission of deliverable/s by more than one (1) month and if the cause of delay is solely attributed to the consultant, the Authority may impose a penalty of 2% of total cost of amount payable at that deliverable per month of delay. The decision of the Authority shall be final and binding
- ii. All deliverables (including basis of various worksheets in soft form/any software) shall become the property of GNIDA and shall be used by GNIDA as deemed fit. Soft copies of deliverables shall also be furnished as required by GNIDA.
- iii. The completion time of this consultancy is 9 months.

## 2.2 Team

The Bidder will provide relevant workforce in sufficient numbers. The key team shall constitute of the members as defined below:

#	Position	Qualifications and Experiences
1	Project Manager	Post graduate degree in Planning or Project Management from a recognized university

#	Position	Qualifications and Experiences
		Experience of over 15 years in project management for large infrastructure projects including road and metro projects, urban transport and regional planning etc.
2	Senior Transport Planner	Post graduate degree in Transportation planning from recognized university
		Over 7 years' experience gained after acquiring qualification prescribed in the field of Transportation Planning out of which at least 3 years must be as Transportation Planner or equivalent post  Experience should include planning for green infrastructure, non-motorized transport, multi-modal transport, etc.
3	Junior Transport Planner	Post graduate degree in Transportation Planning from a recognized university
		Over 5 years' experience gained after acquiring qualification prescribed in the field of Transportation Planning
4	Urban Planner	Post graduate degree in Urban/Regional Planning from a recognized University
		Over 5 years' experience gained after acquiring qualification prescribed in the field of Urban/Regional Planning
5	Traffic surveyor	Post graduate degree in economics/statistics or Traffic engineer/Transport planner
		Experience of over 5 years in traffic surveys, data collection, data analysis and economic modelling
6	Geologist/GIS specialist	Post graduate degree in geology/geography/relevant discipline
		Over 5 years' experience in GIS mapping and modelling
7	Highway Engineer	Post Graduate in Civil Engineering from a recognized university
		Over 10 years' experience in road design projects
8	Structural Design Engineer	Post Graduate in Civil Engineering (structures) from a recognized university
		Over 10 years of experience of designing flyovers, underpass and bridges  Experience should include planning for green infrastructure, non-motorized transport, multi-modal transport, etc.

The Bidder shall also provide supporting staff as required for the Project.

## 3 Instructions to Bidders

### 3.1 General instructions

- i. A Bidder is eligible to submit only one Application for the Project. A Bidder applying individually or as a member of a consortium shall not be entitled to submit another application either individually or as a member of any consortium, as the case may be.
- ii. The Bidder shall initiate, and actively pursue and involve itself in all investigations and enquiries, Authority feedbacks, information, convening of and attendance at meetings, and in any other activities as are or may be necessary for producing high quality work as per the requirements.
- iii. The Bidder shall carry out the services in compliance with the provisions of this Agreement. Any and all changes necessary to ensure that the Bidder's documents conform to the intent and purpose set out in the Agreement, shall be made at the Bidder's own expense. The Bidder represents that it is a professional and experienced company providing services related to Appointment of Transport planner for improving inter-connectivity and intra-connectivity of roads within Greater Noida, and hereby agrees to bear full responsibility for the correctness and technical merit of the services performed.
- iv. Bidders shall be evaluated on the basis of the Evaluation Criteria specified in this document. Bidders shall be deemed to have understood and agreed that no explanation or justification for any aspect of the Selection Process will be given and that GNIDA's decisions are without any right of appeal whatsoever.
- v. The Bidder shall enclose with its e-Bid, scanned copies of its Financial Statements of the last two financial years duly certified by a Chartered Accountant.
- vi. Any entity which has been barred by the Central/State Government in India or by any entity controlled by them, from participating in any project, and the bar subsists as on the date of Bid, would not be eligible to submit an e - Bid.
- vii. An Bidder should have, during the last three years, neither failed to perform on any agreement, as evidenced by imposition of a penalty by an arbitral or judicial authority or a judicial pronouncement or arbitration award against the Bidder, nor been expelled from any project or agreement nor have had any agreement terminated for breach by such Bidder.
- viii. Bidders are encouraged to inform themselves fully about the assignment and the local conditions before submitting the e-Bid by paying a visit to the Authority and/or by sending written queries to GNIDA before the last date for receiving queries/clarifications.
- ix. GNIDA shall not be liable for any omission, mistake or error on the part of the Bidder in respect of any of the above or on account of any matter or thing arising out of or concerning or relating to e-Bid or the Selection Process, including any error or mistake therein or in any information or data given by GNIDA.
- x. The Bidder shall quote all-inclusive lump sum price (including all taxes).
- xi. The quoted rate shall be fixed and not subject to any escalation whatsoever during the period of execution of the Contract including the extended period, if any.

### **3.1.1 Cost of Bidding**

The Bidders shall be responsible for all of the costs associated with the preparation of their Bids and their participation in the Bidding Process. The Authority will not be responsible or in any way liable for such costs, regardless of the conduct or outcome of the Bidding Process.

### **3.1.2 Acknowledgement by Bidder**

It shall be deemed that by submitting the e-Bid, the Bidder has:

- ▶ made a complete and careful examination of the e-Bid;
- ▶ received all relevant information requested from GNIDA;
- ▶ acknowledged and accepted the risk of inadequacy, error or mistake in the information provided in the e-Bid or furnished by or on behalf of GNIDA;
- ▶ satisfied itself about all matters, things and information, necessary and required for submitting an informed Application and performance of all of its obligations thereunder;
- ▶ acknowledged that it does not have a Conflict of Interest; and
- ▶ agreed to be bound by the undertaking provided by it under and in terms hereof.

### **3.1.3 Availability of Bid Document**

This Bid document is available on the web site <http://etender.up.nic.in> and on Greater Noida Authorities' website [www.greaternoidaauthority.in](http://www.greaternoidaauthority.in) at E-link to enable the Bidders to view, download the e-Bid document and submit e-Bids online up to the last date and time mentioned in e-Bidder notice/ e-Bid document. The Bidder`s shall have to pay e-Bid document fee and EMD as mentioned in Data sheet. The scanned copy of RTGS with transaction ID certified by the same bank must be enclosed along with the e-Bid. This e-Bid document fee will be non-refundable. Bid without Bid fee in the prescribe form will not be accepted.

### **3.1.4 Clarifications of e-Bid**

- i. During evaluation of e-Bid, the Authority may, at its discretion, ask the Bidder for a clarification of his/her e-Bid. The request for clarification shall be in writing.
- ii. In case the Bidder seeks for any queries, he shall send letter or e-mail to the correspondence address given in Data Sheet
- iii. However, the Authority shall not entertain any correspondence from the Bidders during the period of e-Bid opening to selection of the successful Bidder. Any wrong practice shall be dealt in accordance with the section 4.1.7 of this e-Bid document under Fraud and Corrupt Practices.

### **3.1.5 Amendment of e-Bid Document**

- i. At any time prior to the deadline for submission of e-Bid, the Authority may, for any reason, whether at its on in iterative or in response to a clarification requested by a prospective Bidder, modify the e-Bid document by amendments. Such amendments shall be uploaded on the e-procurement website <http://etender.up.nic.in>, Greater Noida Authority web site at E-link and Greater Noida's Website through corrigendum and form an integral part of e-Bid document. The relevant clauses of the e-Bid document shall be treated as amended accordingly.

- ii. It shall be the sole responsibility of the prospective Bidder to check the web site <http://etender.up.nic.in> or Greater Noida's Website from time to time for any amendment in the e-Bid documents. In case of failure to get the amendments, if any, the Authority shall not be responsible for it.
- iii. In order to allow prospective e-Bids a reasonable time to take the amendment into account in preparing their e-Bids, the Authority, at the discretion, may extend the deadline for the submission of e-Bids. Such extensions shall be uploaded on the e-procurement website <http://etender.up.nic.in> and Authorities website.

## **3.2 Preparation and submission of Bids**

### **3.2.1 Language of e-Bid**

The e-Bid prepared by the Bidder, as well as all correspondence and documents relating to the e-Bid exchanged by the Bidder and the Authority shall be written either in English or Hindi language. The correspondence and documents in Hindi must be accompanied by embedded/separate Hindi font files. Only English numerals shall be used in the e-Bid.

### **3.2.2 Documents constituting the e-Bid**

**The e-Bid prepared by the Bidder shall comprise the following components:**

**a) Technical e-Bid- Technical e-Bid will comprise of :**

- i) **Fee details** - Details of Bid processing fee and prescribed EMD
- ii) **Eligibility details**- Includes copies of required documents in PDF format justifying that the Bidder is qualified to perform the contract if his/her bid is accepted and the Bidder has financial & technical capability necessary to perform the contract and meets the criteria outlined in the Qualification requirement and technical specification and fulfill all the conditions of the contract.
- iii) **Technical evaluation:** Details of all documents needed for Technical evaluation as mentioned in this RFP

**b) Financial e-Bid –** Financial Bid as per the prescribed format given in Appendix 5.6

### **3.2.3 Documents establishing Bidder's Qualification**

- i) The Bidder shall furnish, as part of its technical e-Bid, documents establishing the Bidder's qualification to perform the contract if its e-Bid is accepted. The documentary evidence should be submitted by the Bidder electronically in the PDF format.
- ii) The documentary evidence of Bidder's qualification to perform the contract if its e-Bid is accepted shall be as per qualification requirements specified in e-Bid document.

### **3.2.4 E-Bid form**

The Bidder shall complete the e-Bid form and the appropriate price schedule/BOQ furnished in the e-Bid document.

### **3.2.5 E-Bid currency**

Prices shall be quoted in Indian Rupees only.

### **3.2.6 Formats and Signing of e-Bid.**

- i) The Bidder shall prepare one electronic copy of the technical e-Bid and financial e-Bid separately.
- ii) The e-Bid document shall be digitally signed, at the time of uploading, by the Bidder or a person or persons duly authorized to bind the Bidder to the contract. The latter's authorization shall be supported by attaching a scanned copy of valid proof of authorization like Power of Attorney/Board Resolution etc.

### **3.2.7 Deadline for submission of e-Bid**

E-Bid (Technical and Financial) must be submitted by the Bidder at e-procurement website <http://etender.up.nic.in> not later than the time specified on the prescribed date (as the server time displayed in the e-procurement website). The Authority may, at its discretion, extend this deadline for submission of e-Bid by amending the e-Bid document, in which case all rights and obligations of the Authority and Bidders previously subject to the deadline will thereafter be subject to the deadline as extended.

### **3.2.8 Submission of e-Bid**

- i) The bid submission module of e-procurement website <http://etender.up.nic.in> enables the Bidders to submit the e-Bid online in response to this e-Bid published by the Authority.
- ii) Bid submission can be done only from the bid submission start date and time till the bid submission end date and time given in the e-Bid. Bidders should start the bid submission process well in advance so that they can submit their e-Bid in time.
- iii) The Bidder should submit their e-Bid considering the server time displayed in the e-procurement website. This server time is the time by which the e-Bid submission activity will be allowed till the permissible time on the last/end date of submission indicated in the e-Bid schedule.
- iv) Once the e-Bid submission date and time is over, the Bidders cannot submit their e-Bid. For delay in submission of e-Bid due to any reasons, the Bidders shall only be held responsible.

#### **The Bidders have to follow the following instructions for submission of their e-Bid:**

- i) For participating in e-Bid through the e-Bidding system it is necessary for the Bidders to be the registered users of the e-procurement website <http://etender.up.nic.in>. The Bidders must obtain a user login Id and password by registering themselves with U.P. Electronics Corporation Ltd., Lucknow if they have not done so previously for registration.
- ii) In addition to the normal registration, the Bidder has to register with his/her digital signature certificate (DSC) in the e-Bidding system and subsequently he/she will be allowed to carry out his/her e-Bid submission activities. Registering the digital signature certificate (DSC) is a one-time activity. Before proceeding to register his/her DSC, the Bidder should first log on to the e-Bidding system using the user login option on the home page with the login Id and password with which he/she has registered.

For successful registration of DSC on e-procurement website <http://etender.up.nic.in> the Bidder must ensure that he/she should possess class-2/class-3 DSC issued by any certifying authorities approved by controller of certifying authorities, Government of India, as the e-procurement website <http://etender.up.nic.in> is presently accepting DSC issued by these authorities only. The Bidder can obtain user login Id and perform DSC registration exercise given above even before the e-Bid

submission date starts. The Authority shall not be held responsible if the Bidder tries to submit his/her e-Bid at the moment before end date of submission but could not submit due to DSC registration problem.

- iii) The Bidder can search for active Bids through "search active tenders" link, select a Bid in which he/she is interested in and then move it to 'My Tenders' folder using the options available in the e-Bid submission menu. After selecting and the Bid, for which the Bidder intends to e-Bid, from "My tenders" folder, the Bidder can place his/her e-Bid by clicking "pay offline" option available at the end of the view Bid details form. The Bidder should keep all the documents ready as per the requirements of e-Bid document in the PDF as per formats given in the RFQ cum RFP document.
- iv) After clicking the 'pay offline' option, the Bidder will be redirected to terms and conditions page. The Bidder should read the terms & conditions before proceeding to fill in the Bid fee and EMD offline payment details. After entering and saving the Bid fee and EMD details form so that "bid document preparation and submission" window appears to upload the documents as per technical and financial schedules/packets given in the Bid details. The details of the RTGS should tally with the details available in the scanned copy and the date entered during e-Bid submission time otherwise the e-Bid submitted will not be accepted.
- v) Next the Bidder should upload the technical e-Bid documents for fee details (e-Bid fee and EMD), Qualification details. Before uploading, the Bidder has to select the relevant digital signature certificate. He may be prompted to enter the digital signature certificate password, if necessary. For uploading, the Bidder should click "browse" button against each document label in technical and financial schedules/packets and then upload the relevant PDF files already prepared and stored in the Bidder's computer. The required documents for each document label of technical and financial schedules can be clubbed together to make single different files for each label.
- vi) The Bidder should click "Encrypt" next for successfully encrypting and uploading of required documents. during the above process, the e-Bid document are digitally signed using the DSC of the Bidder and then the documents are encrypted/locked electronically with the DSC's of the bid openers to ensure that the e-Bid documents are protected, stored and opened by concerned bid openers only.
- vii) After successful submission of e-Bid document, a page giving the summary of e-Bid submission will be displayed confirming end of e-Bid submission process. The Bidder can take a printout of the bid summary using the "print" option available in the window as an acknowledgement for future reference.
- viii) Authority reserves the right to cancel any or all e-Bids without assigning any reason.

### **3.2.9 Late e-Bid**

- i) Bids received by the Authority after the specified time on the Bid Due Date shall not be eligible for consideration and shall be summarily rejected.
- ii) The server time indicated in the bid management window on the e- procurement website <http://etender.up.nic.in> will be the time by which the e-Bid submission activity will be allowed till the permissible date and time scheduled in the e-Bid.
- iii) Once the e-Bid submission date and time is over, the Bidder cannot submit his/her e-Bid. Bidder has to start the bid submission well in advance so that the submission process passes off smoothly. The

Bidder will only be held responsible if his/her e-Bid is not submitted in time due to any of his/her problems/faults, for whatsoever reason, during e-Bid submission process.

### **3.2.10 Withdrawal and resubmission of e-Bid**

- i) At any point of time, a Bidder can withdraw his/her e-Bid submitted online before the bid submission end date and time. For withdrawing the Bidder should first log in using his/her login id and password and subsequently by his/her digital signature certificate on the e-procurement website <http://etender.up.nic.in>. The Bidder should then select "My bids" option in the bid submission menu. The page listing all the bids submitted by the Bidder will be displayed. Click "View" to see the details of the bid to be withdrawn. After selecting the "bid withdrawal" option the Bidder has to click "Yes" to the message "Do you want to withdraw this bid?" displayed in the bid information window for the selected bid. The Bidder also has to enter the bid withdrawing reasons and upload the letter giving the reasons for withdrawing before clicking the "Submit" button. The Bidder has to confirm again by pressing "OK" button before finally withdrawing his/her selected e-Bid.
- ii) No e-Bid may be withdrawn in the interval between the deadline for submission of e-Bids and the expiration of period of e- bid validity. Withdrawal of an e-Bid during this interval may result in the forfeiting of Bidder's e-Bid security.
- iii) The Bidder can re-submit his/her e-Bid as when required till the e-Bid submission end date and time. The e-Bid submitted earlier will be replaced by the new one. The payment made by the Bidder earlier will be used for revised e-Bid and the new e-Bid submission summary generated after the successful submission of the revised e-Bid will considered for evaluation purposes. For resubmission, the Bidder should first log in using his/her login Id and password and subsequently by his/her digital signature certificate on the e-procurement website <http://etender.up.nic.in>. The Bidder should then select "My bids" option in the bid submission menu. The page listing all the bids submitted by the Bidder will be displayed. Click "View" to see the detail of the e-Bid to be resubmitted. After selecting the "bid resubmission" option, click "Encrypt & upload" to upload the revised e-Bids documents.
- iv) The Bidder can submit their revised e-Bids as many times as possible by uploading their e-Bid documents within the scheduled date & time for submission of e-Bids.
- v) No e-Bid can be resubmitted subsequently after the deadline for submission of e-Bids.

### **3.2.11 Authority's right to accept any e-Bid and to reject any or all e-Bids.**

- i) Notwithstanding anything contained in this e-Bid, GNIDA reserves the right to accept or reject any Bid and to annul the Selection Process and reject all Bids, at any time without any liability or any obligation for such acceptance, rejection or annulment, and without assigning any reasons thereof.
- ii) The Authority reserves the right to reject any Bid if:
  - At any time, a material misrepresentation is made or uncovered, or
  - The Bidder does not provide, within the time specified by GNIDA, the supplemental information sought by GNIDA for evaluation of the e-Bid.
- iii) Such misrepresentation/ improper response may lead to the disqualification of the Bidder. If such disqualification /rejection occurs after the e-Bid have been opened and the highest ranking Bidder gets

disqualified / rejected, then the Authority reserves the right to consider the next best Bidder, or take any other measure as may be deemed fit in the sole discretion of the Authority, including annulment of the Selection Process.

### **3.2.12 Period of validity of e-Bid**

- i) e-Bid shall remain valid for 90 days after the date of e-Bid opening prescribed by the Authority. An e-Bid valid for a shorter period shall be rejected by the Authority as non-responsive.
- ii) In exceptional circumstances, the Authority may solicit the Bidder's consent to an extension of the period of e-Bid validity. The request and the response thereto shall be made in writing. A Bidder may refuse the request without forfeiting its e-Bid security. A Bidder granting the request will not be required nor permitted to modify its e-Bid.

### **3.2.13 Correspondence with the Bidder**

- i) Save and except as provided in this e-Bid, the Authority shall not entertain any correspondence with any Bidder or its Technical Partners in relation to acceptance or rejection of any e-Bid.
- ii) Subject to Clause 3.4.6 no Bidders or its Technical Partners shall contact GNIDA on any matter relating to his e-Bid from the time of Bid opening to the time contract is awarded.
- iii) Any effort by the Bidder or by its Technical Partners to influence GNIDA in the Bid evaluation, Bid comparison or contract award decisions, may result in the rejection of his Bid.

## **3.3 Earnest Money Deposit**

- i) The Bid document should be accompanied with an Earnest Money Deposit (EMD) of INR 50,000/- paid as mentioned in the data sheet of this document.
- ii) Any e-Bid not secured in accordance with above shall be treated as non-responsive and rejected by the Authority.
- iii) Unsuccessful Bidder's EMD will be returned promptly as possible after opening of the Price Bid.
- iv) The successful Bidder's e-Bid EMD will be adjusted with Performance Security to be submitted by the Bidder upon signing the contract.
- v) The EMD may be forfeited:
  - a) If Bidder (i) withdraws its e-Bid during the period of e-Bid validity specified by the Bidder on the e-bid form: or (ii) does not accept the correction of errors or (iii) modifies its e-Bid price during the period of e-Bid validity specified by the Bidder on the form.
  - b) In case of a successful Bidder, if the Bidder fails to sign the contract with the Authority.

## **3.4 Opening and evaluation of Bids**

### **1. Opening of technical e-Bid by the Authority**

- i) The Authority will open all technical e-Bids, in the presence of Bidder's representatives who choose to attend at 11:00 AM on the prescribed date of opening at System cell office Sector-Gamma-II, Greater Noida. The Bidder's representatives who are present shall sign a register

evidencing their attendance. In the event of the specified date e-Bid opening being declared a holiday for the Authority, the e –bids shall be opened at the appointed time and place on the next working day.

- ii) The Bidder who is participating in e-Bid should ensure that the RTGS of Bid Processing Fee and EMD must be submitted in the prescribed account of GNIDA within the duration (strictly within opening & closing date and time of individual e-Bid) of the work as mentioned in Bid notice, otherwise, in any case, e-Bid shall be rejected.
- iii) The Bidders names and the presence or absence of requisite e-Bid security and such other details as the Authority at its discretion may consider appropriate, will be announced at the opening. The names of such Bidders not meeting the technical specifications and qualification requirement shall be notified subsequently.
- iv) The Authority will prepare minutes of e-Bid opening.

#### **3.4.1 Opening of financial e-Bid**

- i) After evaluation of technical e-Bid, through the evaluation committee the Authority shall notify those Bidders whose technical e-Bids were considered non-responsive to the conditions of the contract and not meeting the technical specifications and qualification requirements indicating that their financial e-Bids will not be opened.
- ii) The Authority will simultaneously notify the Bidders, whose technical e-Bids were considered acceptable to the Authority. The notification may sent by e-mail provided by Bidder.
- iii) The financial e-Bids of technically qualified Bidders shall be opened in the presence of Bidders who choose to attend. The date and time for opening of financial bids will be communicated to the technically qualified Bidders subsequently after completion of technical bids evaluation through e-mail provided by the Bidder. The name of Bidders, percentage price quoted for various items etc. will be announced at the meeting.
- iv) The Authority will prepare the minutes of the e-Bid opening.

### 3.4.2 Correction of Errors

- i) Financial Bids determined to be responsive will be checked by GNIDA for any arithmetic errors. Where there is a discrepancy between the rate quoted in the Financial Bid, in figures and in words, the amount in words will prevail over the amounts in figures, to the extent of such discrepancy.
- ii) The amount stated in the Financial Bid will be adjusted by GNIDA in accordance with the above procedure for the correction of errors and shall be considered as binding upon the Bidder. If the Bidder does not accept the corrected quoted rate of e-Bid, his e-Bid will be rejected, and his Bid Security shall be liable for forfeiture in accordance with Clause 3.3v).

### 3.4.3 Conditions of eligibility of Bidders

Bidders must carefully examine the eligibility criteria as mentioned below. The Bidder has to meet all the eligibility criteria set out to be eligible for technical & financial evaluation.

- A. **Presence in Delhi/NCR:** The Applicant must have a fully functional office in Delhi/NCR.
- B. **Financial Capacity:** The Applicant must have an average annual turnover (from consultancy services) of at least INR 20 crore in the last three financial years. Certified copies of Financial Statements to be attached as proofs.
- C. **Technical Capacity:** The Applicant must have the following experience
  - Experience of transport planning including traffic surveys, demand forecasting etc. in the last 5 years for road sector projects - at least 2 projects
  - Experience of preparing Detailed Project Reports for Roads/Highways or similar projects in the last 5 years – at least 1 project
  - Experience of preparing Comprehensive Mobility Plans/Regional level transport network plans for cities in the last 8 years – at least 1 project
  - Experience of Detailed Design (infrastructure pertaining to traffic/transport planning) Consultancy in the last 5 years (including experience of support related to detailed design during construction) - at least 2 projects

### 3.4.4 Evaluation criteria of e-Bids

- i) The Technical Bid will be evaluated as per the criteria defined below and the ranking will be done from highest to lowest.

#	Criteria	Maximum Marks	Documents to be Submitted
1	<b>Firm's Relevant Experience/Technical expertise</b> <ul style="list-style-type: none"> <li>• Experience of transport planning including traffic surveys, demand forecasting, etc. in the last 5 years for road sector projects. (2 – 4 Projects: 10 Marks, 4 – 6: 15 Marks, More than 6: 20 Marks)</li> </ul>	50	Work Orders/Completion Certificate/Declaration by the firm duly signed by authorized signatory

	<ul style="list-style-type: none"> <li>• Experience of preparing Detailed Project Reports for Roads/Highways or similar projects in the last 5 years. (1-2 Projects: 5 Marks, More than 2 Projects: 10 Marks)</li> <li>• Experience of preparing Comprehensive Mobility Plans/regional level transport network plans in the last 8 years. (Less than 2 Projects: 5 Marks, more than 2 Projects: 10 Marks)</li> <li>• Experience of Detailed Design Consultancy in the last 5 years (including experience of support related to detailed design during construction) (Less than 4 Projects: 5 Marks, More than 4 Projects: 10 Marks)</li> </ul>		
<b>2</b>	<p><b>Relevant Experience of the Key Personnel</b></p> <ul style="list-style-type: none"> <li>• Project Manager : 8 Marks</li> <li>• Senior Transport Planner : 8 Marks</li> <li>• Junior Transport Planner : 4 Marks</li> <li>• Urban Planner : 4 Marks</li> <li>• Traffic surveyor : 4 Marks</li> <li>• Geologist/GIS specialist : 4 Marks</li> <li>• Highway Engineer : 4 Marks</li> <li>• Structural Design Engineer : 4 Marks</li> </ul> <p>The number of marks to be assigned to shall be determined considering the following three sub-criteria and relevant percentage weights:</p> <ol style="list-style-type: none"> <li>1. General qualifications (general education, training, and experience): 25% weightage</li> <li>2. Adequacy for the Project (relevant education, training, experience in Similar Projects ) : 50% weightage</li> <li>3. Years of experience in similar role: 25% weightage</li> </ol>	<b>40</b>	<p>Filled : Form - 5: CV format</p> <p>Curriculum Vitae of key personnel</p>
<b>3</b>	<p><b>Technical Presentation</b></p> <p>Bidder's capability, understanding, approach and methodology, appreciation of requirements.</p>	<b>10</b>	
	<b>Grand Total</b>	<b>100</b>	

### **3.4.5 Method of Selection of Consultant:**

- i) **Quality cum Cost Based Selection (QCBS)** shall be the basis of evaluation to ensure high technical skill in selection of consultants. A minimum technical score of 70% is fixed as qualifying technical score.
- ii) The Financial Proposals shall be opened for only those Bidders who score a minimum of 70% in Technical evaluation as per the above-defined technical evaluation criteria.
- iii) Financial Proposals/Bids for all the technically qualified Bidders will be ranked as L1, L2 and so forth.
- iv) The Bidder with the lease cost proposal (L1) shall be selected and his Bid finalized after negotiation, if required. L1 Bidder shall be awarded the contract.
- v) Financial Bids shall be opened publicly in the presence of the Bidder's representatives who choose to attend on the date as mentioned in the Data Sheet.
- vi) The Evaluation Committee will correct any computational errors.

### **3.4.6 Contacting the Authority**

- vii) No Bidder shall contact the Authority on any matter relating to his/her e-Bid, from the time of the e-Bid opening to the time the contract is awarded. If the Bidder wishes to bring additional information to the notice of the Authority, he/she can do so in writing.
- viii) Any effort by a Bidder to influence the Authority in its decisions on e-Bid evaluation, e- bid comparison or contract award may result in rejection of the Bidder's e-Bid.
- ix) In the event of any information furnished by the Bidder is found false or fabricated, the minimum punishment shall be debarring /blacklisting from Greater Noida works and legal proceeding can also be initiated.

## **3.5 Award of Contract**

### **3.5.1 Award Criteria**

- i) The final Letter of Acceptance (LoA) will be given to the selected Bidder who secures maximum marks based on the Evaluation Criteria of Bids laid in Clause 3.4.4.
- ii) The Authority will award the contract to the successful Bidder whose bid has been determined to be responsive to all the conditions of the contract and meeting the eligibility requirement of the bidding document.

### **3.5.2 Notification of award**

- i) Prior to the expiration of the period of e-Bid validity, the Authority will notify the successful Bidder in writing, by letter/e-mail/fax, that its e-Bid has been accepted.
- ii) The notification of award will constitute the formation of the contract.

### **3.5.3 Performance Security**

Prior to award of contract, to fulfill the requirement of performance security during the implementation period, the successful Bidder will deposit Performance Security amount equivalent to as mentioned in the Data Sheet of the financial Bid value in the form of Bank Guarantee drawn on any Nationalized Bank in favor of GNIDA valid for six months after completion of the Project.

Before the contract is awarded to the Consultant, an agreement (to be given later) will have to be signed by the Consultant at his cost on proper stamp paper

#### **3.5.4 Signing of contract**

At the same time as the Authority notifies the successful Bidder that its e-Bid has been accepted, the successful Bidder shall have to sign the contract agreement with relevant documents. The agreement draft along with other related terms and conditions will be same as furnished in this e-Bid. Any refusal will not be allowed.

## **4 General Condition of Contract**

### **4.1 General Provisions**

#### **4.1.1 Definitions**

- i) Unless the context otherwise requires, the following terms whenever used in this Contract have the following meanings:
  - a) “Consultant” means any private or public entity that will provide the Services to the Authority (“the Client”) under the Contract
  - b) “Contract” means the Contract signed by the Parties and all the attached documents, if any
  - c) “Government” means the Government of the Client’s country/state
  - d) “Party” means the Client or the Bidder, as the case may be, and “Parties” means both of them

#### **4.1.2 Law Governing Contract**

- i) This Contract, its meaning and interpretation, and the relation between the Parties shall be governed by the Applicable Law.

#### **4.1.3 Language**

- i) This Contract has been executed in English language, which shall be the binding and controlling language for all matters relating to the meaning or interpretation of this Contract.

#### **4.1.4 Notices**

- i) Any notice, request or consent required or permitted to be given or made pursuant to this Contract shall be in writing. Any such notice, request or consent shall be deemed to have been given or made when delivered in person to an authorized representative of the Party to whom the communication is addressed.
- ii) A Party may change its address for notice hereunder by giving the other Party notice in writing of such change to the address.

#### **4.1.5 Authorized Representatives**

- i) Any action required or permitted to be taken, and any document required or permitted to be executed under this Contract by the Client or the Advisor may be taken or executed by the officials specified in the Contract.

#### **4.1.6 Taxes and duties**

- i) TDS shall be deducted and deposited by the Authority and Service Tax shall be paid by the Authority separately on the professional fee agreed as part of this Contract.

#### **4.1.7 Fraud and Corruption**

- i) Definitions: defines, for the purpose of this provision, the terms set forth below as follows:
  - a) “corrupt practice” means the offering, receiving, or soliciting, directly or indirectly, of anything of value to influence the action of a public official in the selection process or in contract execution;

- b) "fraudulent practice" means a misrepresentation or omission of facts in order to influence a selection process or the execution of a contract;
- c) "collusive practices" means a scheme or arrangement between two or more Bidders, with or without the knowledge of the Client, designed to establish prices at artificial, non-competitive levels;
- d) "coercive practices" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in a procurement process, or affect the execution of a contract.

ii) Measures to be taken

- a) The Client will cancel the contract if representatives of the Consultant are engaged in corrupt, fraudulent, collusive or coercive practices during the selection process or the execution of the contract;
- b) The Client will sanction the Consultant, including declaring the Consultant ineligible, either indefinitely or for a stated period of time, to be awarded a contract if it at any time determines that the Consultant has, directly or through an agent, engaged in corrupt, fraudulent, collusive or coercive practices in competing for, or in executing, the said contract.

**4.1.8 Limitation of Liability**

- i) The Contract will require that the aggregate liability of the Consultant under this Contract, or otherwise in connection with the services to be performed hereunder, shall in no event exceed the total fees payable to the Consultant hereunder. The preceding limitation shall not apply to liability arising as a result of the Consultant's fraud in performance of the services hereunder.

**4.2 Commencement, Completion, Modification and Termination of Contract**

**4.2.1 Effectiveness of Contract**

- i) This Contract shall come into effect from the date the Contract is signed by both Parties. The date the Contract comes into effect is defined as the Effective Date.

**4.2.2 Commencement of Services**

- i) The Consultant shall begin carrying out the Services not later than 15 days after the Effective Date specified in the RFP or the Contract.

**4.2.3 Expiration of Contract**

- i) Unless terminated earlier pursuant to GC Clause 4.2.6 hereof, this Contract shall expire at the end of such time period after the Effective Date as specified in the RFP or the Contract.

**4.2.4 Modifications or Variations**

- i) Any modification or variation of the terms and conditions of this Contract, including any modification or variation of the scope of the Services, may only be made by written agreement between the Parties.

#### **4.2.5 Force Majeure**

i) Definition

For the purposes of this Contract, "Force Majeure" means an event which is beyond the reasonable control of a Party and which makes a Party's performance of its obligations under the Contract impossible or so impractical as to be considered impossible under the circumstances.

ii) No Breach of Contract

The failure of a Party to fulfil any of its obligations under the Contract shall not be considered to be a breach of, or default, under this Contract insofar as such inability arises from an event of Force Majeure, provided that the Party affected by such an event (a) has taken all reasonable precautions, due care and reasonable alternative measures in order to carry out the terms and conditions of this Contract, and (b) has informed the other Party as soon as possible about the occurrence of such an event.

iii) Extension of Time

Any period within which a Party shall, pursuant to this Contract, complete any action or task, shall be extended for a period equal to the time during which such Party was unable to perform such action as a result of Force Majeure.

iv) Payments

During the period of their inability to perform the Services as a result of an event of Force Majeure, the Advisor shall be entitled to continue to be paid under the terms of this Contract, as well as to be reimbursed for additional costs reasonably and necessarily incurred by them during such period for the purposes of the Services and in reactivating the Service after the end of such period.

#### **4.2.6 Termination**

Either Party may terminate this Agreement with immediate effect by serving prior written notice to the other party if services are not possible to be rendered as per applicable laws or professional obligations.

i) By the Authority

The Authority may terminate this Contract in case of the occurrence of any of the events specified in paragraphs (a) through (i) of this GC Clause 4.2.6.i). In such an occurrence the Client shall give a not less than thirty (30) days' written notice of termination to the Consultant, and sixty (60) days' in the case of the event referred to in (e).

- a) If the Consultant does not remedy a failure in the performance of their obligations under the Contract, within thirty (30) days after being notified or within any further period as the Client may have subsequently approved in writing.
- b) If the Consultant becomes insolvent or bankrupt.
- c) If the Consultant, in the judgment of the Client has engaged in corrupt or fraudulent practices in competing for or in executing the Contract.
- d) If, as the result of Force Majeure, the Consultant is unable to perform a material portion of the Services for a period of not less than sixty (60) days.

- e) If the Client, in its sole discretion and for any reason whatsoever, decides to terminate this Contract.
- f) If the Consultant fails to comply with any final decision reached as a result of arbitration proceedings pursuant to GC Clause 4.3.ii) hereof.

ii) By the Consultant

The Consultant may terminate this Contract, by not less than thirty (30) days' written notice to the Authority, such notice to be given after the occurrence of any of the events specified in paragraphs (a) through (d) of this GC Clause 4.2.6.ii):

- a) If the Client fails to pay any money due to the Consultant pursuant to this Contract and not subject to dispute pursuant to GC Clause 4.6 hereof within forty-five (45) days after receiving written notice from the Consultant that such payment is overdue.
- b) If, as the result of Force Majeure, the Consultant is unable to perform a material portion of the Services for a period of not less than sixty (60) days.
- c) If the Client fails to comply with any final decision reached as a result of arbitration pursuant to GC Clause 4.3.2 hereof.

iii) Payment upon Termination

Upon termination of this Contract pursuant to GC Clauses 4.2.6.i) or 4.2.6.ii), the Client shall make the following payments to the Consultant:

- a) payment pursuant to GC Clause 4.5 for Services satisfactorily performed prior to the effective date of termination;
- b) except in the case of termination pursuant to paragraphs (a) through (c), and (f) of GC Clause 4.2.6.i), reimbursement of any reasonable cost incident to the prompt and orderly termination of the Contract, including the cost of the return travel of the Personnel and their eligible dependents.

## **4.3 Obligation of the Consultant**

### **4.3.1 Standard of Performance**

The Consultant shall perform the Services and carry out their obligations hereunder with all due diligence, efficiency and economy, in accordance with generally accepted professional standards and practices, and shall observe sound management practices, and employ appropriate technology and safe and effective equipment, machinery, materials and methods. The Consultant shall always act, in respect of any matter relating to this Contract or to the Services, as faithful advisers to the Client, and shall at all times support and safeguard the Client's legitimate interests in any dealings with third Parties.

### **4.3.2 Confidentiality**

Except with the prior written consent of the Client, the Consultant and the Personnel shall not at any time communicate to any person or entity any confidential information acquired in the course of the Services, nor shall the Consultant and the Personnel make public the recommendations formulated in the course of, or as a result of, the Services. Except as otherwise permitted by this Agreement, neither of the parties may disclose to third parties the contents of this Agreement or any information/report/advice provided by

or on behalf of the other that ought reasonably to be treated as confidential and/or proprietary. Parties may, however, disclose such confidential information to the extent that it: (a) is or becomes public other than through a breach of this Agreement, (b) is subsequently received by the receiving party from a third party who, to the receiving party's knowledge, owes no obligation of confidentiality to the disclosing party with respect to that information, (c) was known to the receiving party at the time of disclosure or is thereafter created independently, (d) is disclosed as necessary to enforce the receiving party's rights under this Agreement, or (e) must be disclosed under applicable law, legal process or professional regulations. These obligations shall be valid for a period of 3 years from the date of termination of this Agreement.

#### **4.3.3 Documents prepared by the Consultant to be the property of the Authority**

- a) All plans, drawings, specifications, designs, reports, other documents and software submitted by the Consultant under this Contract shall become and remain the property of the Client, and the Consultant shall, not later than upon termination or expiration of this Contract, deliver all such documents to the Client, together with a detailed inventory thereof.
- b) The Consultant may retain a copy of such documents and software. Restrictions about the future use of these documents, if any, shall be specified in the Contract.
- c) Notwithstanding the above, it is agreed that nothing contained herein above shall be applicable to Consultant's pre-existing materials and working papers (i.e Materials owned by the Consultant which were created and developed prior to this Agreement without direct reference to the deliverables under this Agreement) which may now be incorporated by the Consultant into the final deliverables/reports or the like, supplied to the Client hereunder in the course of delivering the Services pursuant to this Agreement. However, in the event any such pre-existing material is used in the deliverables/reports provided to the Client by the Consultant, the Consultant hereby agrees to grant the Client an irrevocable, non-transferable, non-exclusive, paid-up, royalty free and perpetual license to use such pre-existing material as it exists in the deliverable/ reports prepared by the Consultant as a part of this Agreement.

#### **4.3.4 Accounting, Inspection and Auditing**

The Consultant (i) shall keep accurate and systematic accounts and records in respect of the Services hereunder, in accordance with internationally accepted accounting principles and in such form and detail as will clearly identify all relevant time changes and costs, and the bases thereof, and (ii) shall periodically permit the Client or its designated representative, up to two years from the expiration or termination of this Contract, to inspect the same and make copies thereof as well as to have them audited by auditors appointed by the Client, if so required by the Client as the case may be.

### **4.4 Obligation of the Client**

#### **4.4.1 Assistance and Exemptions**

The Client shall use its best efforts to ensure that the Government shall provide the Consultant such assistance and exemptions as specified in the Contract.

#### **4.4.2 Change in the Applicable Law Related to Taxes and Duties**

If, after the date of this Contract, there is any change in the Applicable Law with respect to taxes and duties, then the remuneration and reimbursable expenses payable to the Consultant under this Contract shall be increased or decreased accordingly under this Contract.

#### **4.4.3 Services and facilities**

The Client shall make available free of charge to the Consultant the Services and Facilities as required by the Consultant to execute the Services.

### **4.5 Payments to the Consultant**

Payments will be made to the account of the Consultant and according to the payment schedule stated in the Contract. The Professional Fee shall be inclusive of GST or similar charges, as well as customs, duties or tariffs imposed in respect of the Services, all of which the Client shall pay (other than taxes imposed on Consultant's income generally). Unless otherwise set forth in the Contract, payment is due within thirty days following receipt of each invoice.

### **4.6 Good Faith and Indemnity**

4.6.1 The Parties undertake to act in good faith with respect to each other's rights under this Contract and to adopt all reasonable measures to ensure the realization of the objectives of this Contract.

4.6.2 To the fullest extent permitted by applicable law and professional regulations, both the parties indemnify each other and their associates and employees against all claims by third parties (including each other's affiliates) and resulting liabilities, losses, damages, costs and expenses (including reasonable external and internal legal costs) arising out of the third party's use of or reliance on any report, deliverable, etc. disclosed to it by or through the parties as part of the regular interactions or for project/s purposes.

### **4.7 Settlement of Disputes**

4.7.1 This Contract shall be governed by, and construed in accordance with, the laws of India.

#### **4.7.2 Amicable Settlement**

The Parties agree that the avoidance or early resolution of disputes is crucial for a smooth execution of the Contract and the success of the assignment. The Parties shall use their best efforts to settle amicably all disputes arising out of or in connection with this Contract or its interpretation.

#### **4.7.3 Jurisdiction**

Any dispute relating to this Contract or the Services shall be subject to the exclusive jurisdiction of the District court of Gautam Budhh Nagar, to which both the parties agree to submit for these purposes.

### **4.8 Fraud and Corrupt Practices**

4.8.1 The Consultant and their respective officers, employees, agents and advisers shall observe the highest standard of ethics during the Selection Process. Notwithstanding anything to the contrary contained in this E-Bid, the Authority shall reject a Bid without being liable in any manner whatsoever to the Consultant, if it determines that the Consultant has, directly or indirectly or through an agent, engaged in corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive

practice (collectively the “Prohibited Practices”) in the Selection Process. In such an event, the Authority shall, without prejudice to its any other rights or remedies, forfeit and appropriate the Processing Fee, as the case may be, as mutually agreed genuine pre-estimated compensation and damages payable to the Authority for, inter-alia, time, cost and effort of the Authority, in regard to the E-BID, including consideration and evaluation of such Consultant’s Proposal.

4.8.2 For the purposes of this Clause 4.8, the following terms shall have the meaning hereinafter respectively assigned to them:

- a) **“corrupt practice”** means (i) the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence the actions of any person connected with the Bidding Process (for avoidance of doubt, offering of employment to or employing or engaging in any manner whatsoever, directly or indirectly, any official of the Authority who is or has been associated in any manner, directly or indirectly, with the Bidding Process or the LoA or arising therefrom, before or after the execution thereof, at any time prior to the expiry of one year from the date such official resigns or retires from or otherwise ceases to be in the service of the Authority, shall be deemed to constitute influencing the actions of a person connected with the Bidding Process); or (ii) save and except as permitted under the Clause 3.2.13 of this e-Bid, engaging in any manner whatsoever, whether during the Bidding Process or after the issue of the LOA or after the execution of the Concession Agreement, as the case may be, any person in respect of any matter relating to the Project or the LOA, who at any time has been or is a legal, financial or technical adviser of the Authority in relation to any matter concerning the Project;
- b) **“fraudulent practice”** means a misrepresentation or omission of facts or suppression of facts or disclosure of incomplete facts, in order to influence the Bidding Process;
- c) **“coercive practice”** means impairing or harming, or threatening to impair or harm, directly or indirectly, any person or property to influence any person’s participation or action in the Bidding Process;
- d) **“undesirable practice”** means (i) establishing contact with any person connected with or employed or engaged by the Authority with the objective of canvassing, lobbying or in any manner influencing or attempting to influence the Bidding Process; or (ii) having a Conflict of Interest; and
- e) **“restrictive practice”** means forming a cartel or arriving at any understanding or arrangement among Consultants with the objective of restricting or manipulating a full and fair competition in the Bidding Process.

## 4.9 Indemnity and Liability

4.9.1 To the fullest extent permitted by applicable law and professional regulations, both the parties indemnify each other and their associates and employees against all claims by third parties (including each other’s affiliates) and resulting liabilities, losses, damages, costs and expenses (including reasonable external and internal legal costs) arising out of the third party’s use of or reliance on any report, deliverable, etc. disclosed to it by or through the parties as part of the regular interactions or for project/s purposes.

4.9.2 The Contract requires that the aggregate liability of the selected Consultant under this Contract, or otherwise in connection with the services to be performed hereunder, shall in no event exceed the total fees payable to the Consultant hereunder.

## 5 Appendix

### 5.1 Form-1: Letter of the Proposal

#### Letter of Proposal

(On Bidder's letter head)

(Date and Reference)

To:

Additional Chief Executive Officer (T)

Greater Noida Industrial Development Authority

Plot No. 1, Knowledge Park 4, Greater Noida

District Gautam Budh Nagar – 201308, Uttar Pradesh

**Sub: Submission of proposal for Selection of Consultant for preparation of Comprehensive Mobility (Traffic and Transportation) Plan for Greater Noida**

Dear Sir,

With reference to your e-Bid Document dated DD-MM-YYYY, I/we, having examined all relevant documents and understood their contents, hereby submit our e-Bid for \_\_\_\_\_ (Insert name of Project)

The Bid is unconditional and unqualified.

All information provided in the Bid and in the Appendices is true and correct and all documents accompanying such Bid are true copies of their respective originals.

This statement is made for the express purpose of shortlisting for appointment as the Vendor for the aforesaid Project.

I/We shall make available to the Authority any additional information it may deem necessary or require for supplementing or authenticating the Bid

I/We acknowledge the right of the Authority to reject our application without assigning any reason or otherwise and hereby waive our right to challenge the same on any account whatsoever.

I/We certify that in the last three years, we have neither failed to perform on any contract, as evidenced by imposition of a penalty by an arbitral or judicial authority or a judicial pronouncement or arbitration award against the Bidder, nor been expelled from any project or contract nor have had any contract terminated for breach on our part.

I/We declare that:

- I/We have examined and have no reservations to the RFP Documents, including any Addendum issued by the Authority;
- I/We have not directly or indirectly or through an agent engaged or indulged in any corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practice, as

defined in Clause 4.8 of the E-Bid document, in respect of any Bid or request for proposal issued by or any agreement entered into with the Authority or any other public sector enterprise or any government, Central or State; and

- I/We understand that you may cancel the Selection Process at any time and that you are neither bound to accept any Bid that you may receive nor to select the Vendor, without incurring any liability to the Bidders in accordance with Clause 3.2.11 of the E-Bid document;
- I/We certify that in regard to matters other than security and integrity of the country, we have not been convicted by a Court of Law or indicted or adverse orders passed by a regulatory authority which would cast a doubt on our ability to undertake the Project or which relates to a grave offence that outrages the moral sense of the community;
- I/We further certify that in regard to matters relating to security and integrity of the country, we have not been charge-sheeted by any agency of the Government or convicted by a Court of Law for any offence committed by us or by any of our Associates;
- I/We further certify that no investigation by a regulatory authority is pending either against us or against our Associates or against our CEO/Partners/Directors/Managers;
- I/We hereby irrevocably waive any right or remedy which we may have at any stage at law or howsoever otherwise arising to challenge or question any decision taken by GNIDA in connection with the shortlisting of Vendor or in connection with the Selection Process itself in respect of the above mentioned Project;
- I/We agree and understand that the proposal is subject to the provisions of the E-BID document. In no case, shall I/we have any claim or right of whatsoever nature if the Project is not awarded to me/us or our Bid is not opened or rejected;
- I/We have studied e-Bid and all other documents carefully and also surveyed the Project site. We understand that, we shall have no claim, right or title arising out of any documents or information provided to us by the Authority or in respect of any matter arising out of or concerning or relating to the Selection Process including the award of the Project;
- I/We agree and undertake to abide by all the terms and conditions of the e-Bid Document.

In witness thereof, I/we submit this Bid under and in accordance with the terms of the e-Bid Document.

Date:

Place:

Yours faithfully,

(Signature, name and designation of the Authorized Signatory)

(Name and seal of the Bidder)

## 5.2 Form-2: Financial capacity of the Bidder

Please provide with financial details about the Bidder along with certified copies attached as proofs. Along with that please provide financial information in the following format:

### Financial capacity of the Bidder

S.No	Financial Year	Annual Turnover (INR) (from Consultancy Services)
1		
2		
3		

On Behalf of (Name of the Bidder)

Signature of the Authorized Person

Name: Designation

### 5.3 Form 3: Details of Bidders

[Fill separate forms if bidding as a consortium]

Details of the firm by Bidder

Name of the Firm:	
Date of registration of the Firm:	Country:
Location within Country :	
List of Professional Staff functioning in your firm:	
Copy of certificate of <i>Company registered in India under the Companies Act 1956/2013</i>	
<i>Date of incorporation</i>	

On Behalf of (Name of Bidder)

Signature of the Authorized Person

Name:

Designation:

## 5.4 Form 4A: List of Projects

### Firm's relevant experience/Technical Expertise:

- A. Experience of transport planning including traffic surveys, demand forecasting etc. in the last 5 years for road sector projects - at least 2 projects

Sr. No.	Project & Client Names	Project Details	Reference Page Number
1			
2			
3			
4			
5			
6			
7			

- B. Experience of preparing Detailed Project Reports for Roads/Highways or similar projects in the last 5 years – at least 1 project

Sr. No.	Project & Client Names	Project Details	Reference Page Number
1			
2			
3			

- C. Experience of preparing Comprehensive Mobility Plans/Regional level transport network plans for cities in the last 5 years – at least 1 project

Sr. No.	Project & Client Names	Project Details	Reference Page Number
1			
2			
3			

- D. Experience of Detailed Design (infrastructure pertaining to traffic/transport planning) Consultancy in the last 5 years (including experience of support related to detailed design during construction) - at least 2 projects

Sr. No.	Project & Client Names	Project Details	Reference Page Number
1			
2			
3			
4			
5			
6			
7			

On Behalf of (Name of Bidder)

Signature of the Authorized Person

Name:

Designation:

Note: Form 4B has to be filled for each Project with necessary documentary evidence in support of the experience claimed

## 5.5 Form 4B: Credential format

(Use separate sheet for each cited Project)

### Credentials of the Projects done by Bidder

The following information should be provided in the format below for each Eligible Assignment for which your firm individually was legally contracted by the client stated below: This information shall cover the qualification requirements capable of being evaluated for pre-qualification. Add additional sheets if necessary.

Name of the Firm:

Assignment Name:
Country:
Location within Country :
Name of Client :
Address :
No. of Staff :
Start Date (Month / Year)
Completion Date (Month / Year)
Approx. Value of Services : (in Rupees) :
Whether Lead or Associate
Name of Associated Firm(s) if any :
Narrative Description of Project

On Behalf of (Name of Bidder)

Signature of the Authorized Person

Name:

Designation:

Note: Work Orders or Completion Certificate or Declaration from authorized signatory as proof.

## 5.6 Form-5A: List of Key Personnel

### Team Structure:

Sr. No	Position	Proposed Profile	Education Qualification	Years of relevant experience
1	Project Manager			
2	Senior Transport Planner			
3	Junior Transport Planner			
4	Urban Planner			
5	Traffic surveyor			
6	Geologist/GIS specialist			
7	Highway Engineer			
8	Structural Design Engineer			

On Behalf of (Name of Bidder)

Signature of the Authorized Person

Name:

Designation:

**5.7 Form-5B: CV format**

[Please capture all relevant information]

**Curriculum Vitae of Key Personnel**

The following information should be provided in the format below for each of the key personnel as specified in the document: This information shall cover the qualification requirements capable of being evaluated for evaluation. Add additional sheets if necessary.

Designation Proposed :	
NAME OF FIRM :	
NAME OF STAFF :	
DATE OF BIRTH :	NATIONALITY :
EDUCATION :	
EMPLOYMENT RECORD	
From:	To:
Employer:	
Position Held	
DETAILED TASK ASSIGNED	
WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO UNDERTAKE THE TASKS ASSIGNED	

## 5.8 Form 6: Financial Proposal Submission Form

(On Bidder's letter head)

[Location, Date]

To,

Additional Chief Executive Officer (T)

Greater Noida Industrial Development Authority

Plot No. 1, Knowledge Park 4, Greater Noida

District Gautam Budh Nagar – 201308, Uttar Pradesh

### **Sub: Financial Bid for Selection of Consultant for preparation of Comprehensive Mobility (Traffic and Transportation) Plan for Greater Noida**

Dear Sir,

We, the undersigned, offer to provide the services for the above in accordance with your e-Bid dated \_\_\_\_\_, and our Bid (Response to Technical Bid and Financial Bid). Our attached Financial Bid is as follows:

1. Lump sum all-inclusive price of \_\_\_\_\_ [including all taxes, Amount in words and figures].

We understand that the Authority reserves the right to negotiate the Financial Bid for the services as a whole or for individual sub components of the services.

We undertake that our Financial Bid shall be binding upon us subject to the modifications resulting from contract negotiations, up to expiration of the validity period of the Bid, i.e. 90 days from the date of submission of the e-Bid.

We undertake that, in competing for (and, if the award is made to us, in executing) the above contract, we will strictly observe the laws against fraud and corruption in force in India.

We understand you are not bound to accept any Bid you receive.

Yours sincerely,

Signature:

Name and title of Signatory:

Name & address of the Bidd