



**Nagpur Municipal Corporation**

**Draft**

# **Request for Proposal**

**To Carryout Safety Assessment and Provide Junction Improvement Drawings and Designs of identified Major Roadway Intersections Located in Nagpur City.**

Date: XX/XX/2024

# 1 SCOPE OF WORK

## 1.1 General

Nagpur City is experiencing rapid urbanization and a considerable increase in vehicular population consistent with trends all over India. The city roads are experiencing longer durations of traffic congestion as well as becoming more susceptible to vehicular crashes. The increased number of motorized vehicles and well as haphazard on-street parking of motorized vehicles intruding upon the existing Non-motorized infrastructure has an impact on the number of non-motorized trips in the city. People while cycling or walking on footpaths feel unsafe.

NMC (Nagpur Municipal Corporation) is committed to constantly improving the safety and mobility of people. Accordingly, NMC intends to appoint an agency **To Carryout Safety Assessment and Provide Junction Improvement Drawings and Designs of identified Major Roadway Intersections Located in Nagpur City** to analyze traffic operations at these intersections and recommend design interventions to improve the overall efficiency of these intersections and the safety of all users of this facility with an emphasis on the safety of vulnerable road users. The number of Junctions may vary as per need of NMC.

## 1.2 Objectives of the assignment:

The ultimate objective of a road safety evaluation is to help improve safety for all road users by preventing crashes rather than merely reducing the number of crashes. To achieve this, the following tasks would need to be completed:

- a. Conduct a formal safety performance examination of the identified existing junctions by a qualified experienced team.
- b. Conduct a junction road safety audit of the identified roadway intersections.
- c. Qualitatively estimate and report the potential road safety issues and identify opportunities for improvements in safety for all road users.
- d. Illustrate a basic plan for the identified road safety improvements and include a list of measures to be implemented.
- e. Propose an analysis-based junction design to improve the overall safety and efficiency of the identified study junctions.

### **1.3 General Scope of Services:**

1. The study will evaluate the identified major junctions within corporation limits for safety compliance and offer mitigation measures towards improving safety for all users of these roads.
2. For detailed scope of services for carrying out Road Safety Assessment, NMC encourages the Agency to refer IRC SP 088 – 2019 “Manual on Road Safety Audit” as well as guidelines related to road safety issued by the Ministry of Urban Development, Delhi Integrated Multi-Modal Transit System Limited (DIMTS) & MoRTH.
3. The Agency is also encouraged to refer to the best international safety practices and use their expertise in contributing towards improving road safety for all types of road users.
4. The Agency is expected to conduct road safety investigation for the identified junctions. The approximate number of junctions to be investigated within corporation limits as a part of this project is expected to be approximately 13 numbers.
5. Following points are clarified under the scope of service:
  - a. The definition of junction includes complete right of way within the given length.
  - b. The study does not include a structural safety audit.
  - c. The study shall include recommendations towards improving the transportation infrastructure.
  - d. NMC will organize commencement meetings to acquaint the consultant with project background and handover related information.
  - e. The scope of work will be limited to the road junction within corporation limits.
  - f. Review major junctions to provide design interventions to improve efficiency and safety of personal motorized transport, public transport and non-motorized transport infrastructure using IRC guidelines / best international safety practices.

### **1.4 Detailed Scope of Work for Road Junction Assessment:**

1. Conduct 16-hour classified turning movement counts at the identified study roadway junctions.
2. Identify the AM and PM Peak hour of operations.
3. Conduct Topographic survey of the identified study roadway junctions.
4. Conduct junction capacity analysis for AM and PM peak hour of operations for the ‘before’ and ‘after’ scenarios of junction geometry. Detailed junction analysis using micro-simulation may be required for critical junctions.
5. Recommend junction geometry alternatives to accommodate universal accessibility, traffic calming and speed control measures, signage, and roadway markings.
6. Providing improvement measures with design drawings for geometric improvements to prevent crashes at the identified roadway ...
7. Lay out on Site as per suggested designs & Drawings
8. After Completion of work, it will be necessary to certify the work done.

## 2 SCHEDULE OF WORK

Sr. No.	Description	Unit	Rate (Rs)
1	<p>Conduct road safety audit of existing roadway intersections. Collection of data such as topographic survey and classified traffic volume counts of the junction. Review and propose design interventions to existing junction for improving safety, efficiency and maneuverability. Junction capacity analysis for AM &amp; PM, peak hour scenarios using macroscopic / microscopic traffic simulation software. Interim report along with data analysis, identification of measures along with geometric improvements for improving safety and efficiency. Preparation of junction improvement drawings considering a swept path analysis for design vehicles and lay outing on site. Detailed report and recommendations on geometric improvements as well as traffic calming measures and signal timing plans to be adopted for improving safety and efficiency of the study intersections.</p>	Per No.	
2	<p>Conduct road safety audit of existing roadway intersections. Collection of data such as topographic survey and classified traffic volume counts of the junction. Review and propose design interventions to existing junction for improving safety, efficiency and maneuverability. Junction capacity analysis for AM &amp; PM, peak hour scenarios. Interim report along with data analysis, identification of measures along with geometric improvements for improving safety and efficiency. Preparation of junction improvement drawings and lay outing on site. Detailed report and recommendations on geometric improvements as well as traffic calming measures and signal timing plans to be adopted for improving safety and efficiency of the study intersections.</p>		

### 3 DELIVERABLES

For the identified 13 roadway intersections, the study is to be completed within 3 months. The corresponding deliverables are listed below:

<b>Sr. No.</b>	<b>Description</b>	<b>Deliverables</b>
1	<u>Inception Report</u> - This report shall provide the study approach and detailed methodology, data collection procedure etc. and formulate a detailed work plan.	1 Hard copy + 1 soft copy (Pen drive)
2	<u>Data Collection Report</u> – Summary of 16-hr intersection traffic counts, AM and PM peak hour identification, topographic surveys, field observations of junction traffic operations.	1 Hard copy + 1 soft copy (Pen drive)
3	Draft Intersection Safety and Efficiency Report along with necessary drawing etc.	1 Hard copy + 1 soft copy (Pen drive)
4	Final Intersection Safety and Efficiency Report along with necessary drawing etc.	1 Hard copy + 1 soft copy (Pen drive)

### 4 PAYMENT SCHEDULE

<b>Key Date</b>	<b>Description</b>	<b>Payment</b>
1.	Inception Report	20%
2.	Data Collection Report	25%
3.	Draft Intersection Safety and Efficiency Report	25%
4.	Final Intersection Safety and Efficiency Report	30%

## 5 QUALIFICATION REQUIREMENT

### 5.1 General

1. The Agency should be any legally identifiable organization (Partnership / Proprietorship / Public / Private company) engaged in road safety audit study activities.
2. Joint Ventures are not permitted.
3. The agency should have a variety of experience in traffic engineering / transportation engineering / transportation planning.

### 5.2 Experience of the Consultancy Firm

S. No.	Minimum Eligibility Criteria	Min No. of Projects of given category
1	Experience of conducting Road Safety Audits of a minimum 20 Km section.	1
2	Experience of Traffic Engineering projects such as traffic diversion plan / work zone traffic management plans/area circulation plan / Highway design Assignment.	1
3	Previous experience with preparation of Signage and Roadway marking plans.	1
4	Previous experience with junction design/analysis of minimum 10 junctions	1

### 5.3 Experience of the Key Personnel

The required experience and expertise of Key personnel / staff Qualification and competence of key staff is given below. The age of the key staff proposed should not be more than 65 years as on the last day of submission of the proposal. The Agency shall submit the information of a prime candidate for each key position, and each shall meet the requirements as specified below. All the key personnel, including the team leader proposed by the Agency shall be permanent employees of the Agency and have an extended and stable working relation with it. The Agency should ensure the replacement of key personnel with equal or better qualified personnel, in the event one of the key personnel is no longer with the firm.

S. No.	Key Position	Qualification Required
1	Team Leader	Masters / M. Tech/ MS in Civil Engineering with focus on Traffic and Transportation Engineering with more than 10 years of experience, OR Bachelor's in Civil Engineering with more than 15 years' experience in Traffic Engineering / Highway Design / Road Safety related projects.
2	Transportation Engineer/ Planner	Masters / M. Tech/ MS in Civil Engineering with focus on Traffic and Transportation Engineering / Urban Planning with more than 2 years of experience OR Bachelor's in Civil Engineering / planning with more than 5 years' experience in Traffic Engineering / Transportation Planning / Highway Design / Road Safety related projects.
3	Junior Transportation Engineer/ Safety Apprentice	Recently graduated Masters / M. Tech / MS in Civil Engineering with focus on Traffic and Transportation Engineering / Planning OR Bachelor's in Civil Engineering / planning with more than 1 year of experience in Traffic Data Collection / Junction Design / Junction Analysis / Road safety related projects.

#### 5.4 Annual Turnover

The average annual turnover of the bidder for last 3 financial years i.e 2019-20, 2020-21, 2021-22 shall be equal to or more than INR 50 Lakhs.

## **6 INSTRUCTIONS FOR SUBMITTAL OF PROPOSAL**

### **6.1 Preparation of The Proposal**

1. The Agency's Proposal shall consist of two (2) components:
  - a. The Technical Proposal, and
  - b. The Financial Proposal
2. The Technical & Financial Proposals should include separate cover letters (as per provided formats) and signed by person(s) with full authorization to make legally binding contractual (including financial) commitments on behalf of the Agency.

### **6.2 The Technical Proposal**

The Technical Proposal shall not include any financial information. The Technical Proposal should provide the following information using the attached Standard Forms.

1. For experience as per qualification criteria, the outline should indicate duration of the assignment, contract amount, and firm's involvement.
2. Workorders of ongoing/completed projects will be considered towards the experience criteria.
3. The CV must be signed by the Authorized representative.
4. The Agency shall make the assessment of support personnel both technical and administrative to undertake the Assignment. Additional support and administrative staff shall be provided as needed for the timely completion of the Assignment within the total estimated cost.
5. All key personnel, including team leader proposed by the Agency shall be permanent employees of the Agency and have an extended and stable working relation with it.
6. Team Leader in his/her absence, one of the other key personnel shall be present for the monthly work review meeting in NMC.

### **6.3 Financial Proposal**

1. All information provided in the Agency's Financial Proposal will be treated as confidential unless otherwise specified.
2. The Financial Proposal must be submitted only using the format provided.
3. Amounts payable to the Agency by the NMC may be subject to Goods & Service Tax at the applicable rate. All such applicable taxes shall be paid to the Agency separately and thus should mention so specifically in the Financial Proposal.

### **6.4 Validity of Proposal**

Proposals should be valid for acceptance for a period of at least 90 days from the last date for submission of proposals.

### **6.5 Proposal Evaluation**

1. As part of the evaluation, the Proposal submission shall be checked to evaluate whether the Applicant meets the prescribed Minimum Eligibility Criteria. Subsequently the Technical Proposal of Applicants who meet the Minimum Eligibility Criteria, shall be checked and only those Technical Proposals which are found to be responsive would be further evaluated.
2. Prior to evaluation of Proposals, the NMC will determine whether each Proposal is



responsive to the requirements at each evaluation stage. The Commissioner, Nagpur Municipal Corporation may, in its sole discretion, may reject any Proposal that is not responsive hereunder. A Proposal will be considered non-responsive only if:

3. The Commissioner, Nagpur Municipal Corporation reserves the right to reject any Proposal which is non-responsive and no request for alteration, modification, substitution or withdrawal will be entertained by the NMC in respect of such Proposals. However, The Commissioner, Nagpur Municipal Corporation reserves the right to seek clarifications or additional information, additional documents from the applicant during the evaluation process. The NMC will subsequently examine and evaluate Proposals in accordance with the Selection Process detailed below.
4. As part of the evaluation, the technical proposal submitted should fulfil the Minimum Eligibility Criteria. In case an Applicant does not fulfil the Minimum Eligibility Criteria, the Technical Proposal of such an Applicant will not be evaluated further.

#### **6.6 Technical Evaluation Criteria**

The Commissioner, Nagpur Municipal Corporation will carry out the evaluation of Proposals based on the following evaluation criteria and points system. The maximum points/ marks to be given under each of the evaluation criteria are:

<b>Clause</b>	<b>Evaluation Criteria</b>	<b>Points</b>
(a)	Experience of the Agency related to the Assignment	60
(b)	Qualification and competence of Key Personnel for the Assignment	40
	<b>Total Points</b>	<b>100</b>

### 6.7 Evaluation Criteria for Experience of the Agencies related to the Assignment

The scope of this assignment is not limited to only conducting road safety assessment. The Agency is expected to contribute towards recommending innovative solutions to help improve the overall network performance and safety of the study roadway segments and junctions. Therefore, in addition to the experience with road safety investigations, the Agency should have experience in the traffic engineering and transportation planning domain.

<b>Sr. No.</b>	<b>Evaluation criteria</b>	<b>Base Score</b>	<b>Points</b>	<b>Max Points</b>
<b>(a)</b>	<b>Experience of the Agency's Assignment</b>		<b>Additional Points per assignment</b>	
<b>1</b>	Experience of conducting Road Safety Audits of minimum 20 Km section. (1 Project)	10	5 points per additional similar assignment.	15
<b>2</b>	Experience of Traffic Engineering projects such as traffic diversion plan / work zone traffic management plans / area circulation plan / Highway design Assignment. (1 Project)	10	5 points per additional similar assignment.	15
<b>3</b>	Previous experience with preparation of Signage and Roadway marking plans. (1 Project)	5	5 points per additional similar assignment.	10
<b>4</b>	Previous experience with junction design/analysis of minimum 10 junctions (1 Project)	10	5 points per additional similar assignment.	20
<b>Total</b>				<b>60</b>

### 6.8 Evaluation criteria for Key Personnel / staff

Points assigned for each staff position shall be as follows:

Position	S. No.	Item	Max. Marks	Marks	
Team Leader	<b>General Qualification</b>				
	<b>1</b>	<b>Educational Qualification &amp; Training</b>	9		
		Masters / MTech/ MS in Civil Engineering with focus on Traffic and Transportation Engineering / Transportation Planning with more than 10 years of experience, OR Bachelor's in Civil Engineering with more than 15 years' experience in Traffic Engineering / Highway Design / Road Safety related projects.			
		With a master's degree			9
		Without a master's degree			6
	<b>Adequacy for the Project</b>				
	<b>2</b>	Experience in No. of Projects of Road Safety Engineering / Work Zone Safety Audit Assignments or Traffic / Transport Planning.	9		
		1 Project			3
		2-4 Project			6
		> 4 Project			9
	<b>Additional Qualification</b>				
	<b>3</b>	Team Leader has experience of working for financial institutes such as Asian Development Bank, International Monetary Fund, World Bank etc. or with enforcement organizations such as Traffic Police in the capacity of Domain Expert for Traffic Engineering and safety.	3	3	
	Transp. Engineer / Planner	<b>General Qualification</b>			
<b>1</b>		<b>Educational Qualification &amp; Training</b>	6		
		Masters / MTech/ MS in Civil Engineering with focus on Traffic and Transportation Engineering. / Transportation Planning with more than 2 years of experience OR Bachelor's in Civil Engineering / Planning with more than 5 years' experience in Traffic Engg. / Transportation. Planning / Highway Design / Road Safety related projects.			
		With a master's degree			6
	Without a master's degree	3			

	<b>Adequacy for the Project</b>			
	<b>2</b>	Experience in No. of Projects of Road Safety Engineering/ Work Zone Safety Audit Assignments or Traffic / Transport Planning.	4	
		1 Project		1
		2-4 Project		2
		> 4 Project		4
	<b>Additional Qualification</b>			
	<b>3</b>	Key person has certification using Micro-simulation Traffic Engineering Software tools for junction operation analysis.	2	2
Jr. Transp. Engineer / Safety Apprentice	<b>General Qualification</b>			
	<b>1</b>	<b>Educational Qualification &amp; Training</b>		
		Recently graduated Masters / Master of Science in Civil Engineering with focus on Traffic and Transportation Engineering / Transportation Planning / Urban Planning OR Bachelor's in Civil Engineering / Planning with more than 1 year of experience in Traffic Data Collection / Junction Design / Junction Analysis / Road safety related projects.	3	
		With a master's degree		3
		Without a master's degree		2
	<b>Adequacy for the Project</b>			
	<b>2</b>	Experience in No. of Projects of Road Safety Engineering/ Work Zone Safety Audit Assignments or Traffic / Transport Planning.	2	
		1 Project		1
		> 2 Project		2
	<b>Additional Qualification</b>			
	<b>3</b>	Key person has certification using Micro-simulation Traffic Engineering Software tools for junction operation analysis.	2	2
		<b>Total</b>	<b>40</b>	

1. The Commissioner, Nagpur Municipal Corporation will notify the Applicants who secure the minimum qualifying technical score, indicating the date and time set for opening the Financial Proposals.
2. Prior to evaluation of the Financial Proposals, The Commissioner, Nagpur Municipal Corporation will determine whether the Financial Proposals are complete in all respects,

qualified and un-conditional, and submitted in accordance with the terms hereof.

3. The cost indicated in the Financial Proposal shall be deemed as final and reflecting the total cost of services exclusive of all taxes, levies, applicable GST and should be stated in INR only.

## **7 AWARD OF CONTRACT**

The qualified applicant quoting lowest Rate per intersection will be awarded the tender and will be invited by Nagpur Municipal Corporation to sign the contract agreement. NMC shall promptly notify the other Agencies who submitted Proposals that they were unsuccessful.

## **Annexure A: Technical Proposal – Standard Forms**

Form A:	Technical Proposal Submission
Form B:	General Details of the Applicant
Form C:	Format for Applicants experience
Form D:	Format for Average Annual Turnover of Applicant
Form E:	Team Composition and Task Assignments
Form F:	Curriculum Vitae (CV) for Proposed Professional Staff

## Form A: Technical Proposal Submission Form

[Location, Date]

To,  
Executive Engineer,(Traffic Dept.)  
5<sup>th</sup> floor, Administrative Building  
Nagpur Municipal Corporation,  
Mahanagarpalika Marg, Civil Lines,  
Nagpur, Maharashtra – 440001

**Subject:** [Name of the Assignment]

Dear Sir,

With reference to your Notice Inviting Quotation (NIQ) dated [date], we, having examined all relevant documents and understood their contents, hereby submit our Technical Proposal for the work of **“To Carryout Safety Assessment and Provide Junction Improvement Drawings and Designs of identified Major Roadway Intersections Located in Nagpur City”**. The Proposal is unconditional.

We are submitting our Proposal as sole applicant [Name and address of the Agency]. We understand you are not bound to accept any Proposal you receive. Further:

1. We acknowledge that NMC will be relying on the information provided in the Proposal and the documents accompanying the Proposal for selection of the Agency, and we certify that all information provided in the Proposal and in the supporting documents is true and correct, nothing has been omitted which renders such information misleading; and all documents accompanying such Proposal are true copies of their respective originals.
2. This statement is made for the express purpose of appointment as the Agency for the aforesaid Project.
3. We shall make available to NMC any additional information it may deem necessary or require for supplementing or authenticating the Proposal.
4. We acknowledge the right of NMC to reject our application without assigning any reason or otherwise and hereby waive our right to challenge the same on any account whatsoever.
5. We certify that in the last 3 (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 Applicant, nor been expelled from any project or contract by any public authority nor have had any contract terminated by any public authority for breach on our part.
6. We declare that:
  - a. We have examined and have no reservations to the Expression of Interest (EOI), including any Addendum issued by the NMC;
  - b. We do not have any conflict of interest in accordance with the terms of the EOI;
  - c. 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 the EOI document, in respect of any tender or request for proposal issued by or any agreement entered into with NMC or any other

- public sector enterprise or any government, Central or State; and
- d. We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in any corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practice.
  7. We understand that you may cancel the selection process at any time and that you are neither bound to accept any Proposal that you may receive nor to select the Agency, without incurring any liability to the Applicants.
  8. 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.
  9. 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. We further certify that we have not been barred by the central government, any state government, a statutory body or any public sector undertaking, as the case may be, from participating in any project or bid, and that any such bar, if any, does not subsist as on the date of this NIQ.
  10. We further certify that no investigation by a regulatory authority is pending either against us or against our CEO or any of our Directors/ Managers/employees.
  11. 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 NMC in connection with the selection of Agency or in connection with the selection process itself in respect of the above mentioned Project.
  12. We agree and understand that the proposal is subject to the provisions of the EOI document. In no case, shall we have any claim or right of whatsoever nature if the contract for the Project is not awarded to us or our proposal is not opened or rejected.
  13. We agree to keep this offer valid for ninety (90) days from the dates specified in the EOI.
  14. A Power of Attorney/board resolution in favor of the authorized signatory to sign and submit Proposals and other documents on behalf of the company is attached herewith.
  15. In the event of our being selected as the Agency, we agree to enter into a Contract in accordance with the contract prescribed in the EOI.
  16. We have studied EOI and all other documents carefully. We understand that except to the extent as expressly set forth in the Contract, we shall have no claim, right or title arising out of any documents or information provided to us by NMC or in respect of any matter arising out of or concerning or relating to the selection process including the award of contract.
  17. The Technical and Financial Proposal is being submitted in a separate section. This Technical Proposal read with the Financial Proposal shall be binding on us.
  18. We agree and undertake to abide by all the terms and conditions of the EOI Document.

We remain, Yours sincerely,

Authorized Signature [In full and initials]: Name and Title of Signatory:

Name of Firm: Address:  
(Name and seal of the Applicant)



## Form B: General Details of the Applicant

Applicant Name:	
Legal Status	
Registered Address	
Year of Incorporation	
Principal place of business	
Contact person	
Contact person's title	
Address, telephone number and email ID of contact person	
Has the applicant (or if the applicant is a firm, any partner of the firm) ever failed to complete any work awarded or has been levied liquidated damage for delay in completion of work? If yes, give explanation (use separate sheets as required)	
Has the applicant been blacklisted/ debarred by any Government Departments / PSU in last five (5) years and such blacklisting continues to subsist	

Applicant's Name:

Authorized Signature:

Note: Enclose supporting documents for above

## Form C: Format for Applicants Experience

Category of Project: \_\_\_\_\_ (Road safety Audit, Traffic Engineering/  
Roadway Design, Signage/ Roadway marking plans etc.)

(Use separate sheet for each project).

<b>Assignment Name:</b>	<b>Consulting Fees (in Rupees)</b>
<b>Country:</b> <b>Name of City/ Cities:</b>	<b>Duration of assignment (months):</b>
<b>Name of Client:</b>	<b>Contact Information of Client:</b>
<b>Address:</b>	
<b>Project Dates:</b>	
<b>Description of actual services provided by your staff in the assignment.</b>	

Applicant's Name:

Authorized Signature:

Note: Projects Experience without the supporting Contract Documents will not be evaluated

## Form D: Average Annual Turnover of the Applicant

<b>SN</b>	<b>Financial years</b>	<b>Annual Turnover</b>
1.	2020-21	
2.	2021-22	
3.	2022-23	
4.	Average	

Certificate from the Statutory Auditor/Chartered Accountant

This is to certify that [name of company] [registered address] has received the payments shown above against the respective years.

Signature:

Name of CHARTERED ACCOUNTANT / STATUTORY AUDITORS

Name of firm:

Seal of Audit firm



## Form F: Curriculum Vitae (CV) for Proposed Professional Staff

1	Proposed Position	
2	Name of Personnel	
3	Name of the firm	
4	Date of Birth	
5	Nationality	
6	Educational Qualifications (Indicate college/university and other specialized education of staff member, giving names of institutions, degrees obtained, and dates of obtainment)	
7	Employment Record (Starting with present position, list in reverse order every employment held.)	
8	Membership of Professional Associations:	
9	Countries of Work Experience	
10	Languages (For each language indicate proficiency: good, fair, or poor in speaking, reading, and writing)	
11	Tasks assigned [List all tasks to be performed under this assignment]	
12	List of projects on which the Personnel has worked (Work undertaken that best illustrates capability to handle the tasks assigned in 11) Name of assignment or project: Year: Location: Client: Positions held:	
	<p>Certification: I, the undersigned, certify that this CV correctly describes myself, my qualifications and my experience.</p> <p>Place: Signature of staff member or authorized signatory of the Consultant:</p>   <p>Full name of authorized signatory: Date:</p>	

## **Annexure B: Financial Proposal – Standard Forms**

Form G: Financial Proposal Submission Form

Form H: Format for Financial Quote

## Form G: Financial Proposal Submission Form

[Location] [Date]

To,  
Executive Engineer,(Traffic Dept.)  
5<sup>th</sup> floor, Administrative Building  
Nagpur Municipal Corporation,  
Mahanagarpalika Marg, Civil Lines,  
Nagpur, Maharashtra – 440001

**Subject: To Carryout Safety Assessment and Provide Junction Improvement Drawings and Designs of identified Major Roadway Intersections Located in Nagpur City**

Dear Sir,

We, the undersigned, offer to provide the consulting services for [name of assignment] in accordance with your Request for Proposal dated [date] and our Proposal. We are hereby submitting our Financial Proposal.

Yours sincerely,

Authorized Signature [In full and initials]:

Name and Title of Signatory:

Name of Firm: Address:

## FORM H: FORMAT FOR FINANCIAL QUOTE

We the undersigned ..... (Name of Firm) hereby submit our offer for carrying out consultancy services for Road Safety Plan for Nagpur City as per the Schedule detailed under.

Sr. No.	Description	Unit	Rate (Rs)
1	<p>Conduct road safety audit of existing roadway intersections. Collection of data such as topographic survey and classified traffic volume counts of the junction. Review and propose design interventions to existing junction for improving safety, efficiency and maneuverability. Junction capacity analysis for AM &amp; PM, peak hour scenarios using macroscopic / microscopic traffic simulation software. Interim report along with data analysis, identification of measures along with geometric improvements for improving safety and efficiency. Preparation of junction improvement drawings considering a swept path analysis for design vehicles and lay outing on site. Detailed report and recommendations on geometric improvements as well as traffic calming measures and signal timing plans to be adopted for improving safety and efficiency of the study intersections.</p>	Per No.	
2	<p>Conduct road safety audit of existing roadway intersections. Collection of data such as topographic survey and classified traffic volume counts of the junction. Review and propose design interventions to existing junction for improving safety, efficiency and maneuverability. Junction capacity analysis for AM &amp; PM, peak hour scenarios. Interim report along with data analysis, identification of measures along with geometric improvements for improving safety and efficiency. Preparation of junction improvement drawings and lay outing on site. Detailed report and recommendations on geometric improvements as well as traffic calming measures and signal timing plans to be adopted for improving safety and efficiency of the study intersections.</p>		

Authorized Signature:

Name and Title of Signatory:



Name of Firm: