

Request for Proposal

for

***Appointment of Consultant for preparation of Comprehensive
Mobility Plan (CMP) for Dehradun, Rishikesh and Haridwar with
focus on Metropolitan Area***

***Uttarakhand Metro Rail Urban Infrastructure &
Building Construction Corporation Ltd.***

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1. INFORMATION TO CONSULTANTS

1.1. DEFINITIONS

“Employer / Client” means (**Uttarakhand Metro Rail Urban Infrastructure & Building Construction Corporation Ltd.**) and its Representatives.

“Consultant” means any entity or person that may provide or provides the Services to the Client under the Contract.

“Contract” means the Contract signed by the Parties and all the attached documents listed in its Appendices.

“Data Sheet” means such part of the Instructions to Consultants used to reflect specific assignment conditions.

“Employer’s Representative” means the person / personnel of consultant appointed by the client to act as the Employer’s representative to oversee the activities of consultant from time to time and as directed by the client.

“Day” means calendar day.

“Government” means the Government of Uttarakhand.

“Information to Consultants” means the document which provides Consultants with all information needed to prepare their Proposals.

“LOI” means the Letter of Invitation sent by the Client to the short listed Consultant.

“Personnel” means professionals and support staff provided by the Consultant Associate(s) and their associates and assigned to perform the Services or any part thereof.

“Local Personnel” means such professionals and support staff who at the time of being so provided had their domicile inside the Government’s country.

“RFP” means the Request For Proposal prepared by the Client for the selection of Consultants.

“Services” means the work to be performed by the Consultant pursuant to the Contract.

“Associate(s)” means any person(s) or entity with whom the Consultant delivers/ provides any part of the Services.

“Terms of Reference” (TOR) means the document included in the RFP which explains the objectives, scope of work, activities, tasks to be performed, respective responsibilities of the Client and the Consultant, and expected results and deliverables of the assignment.

1.2.DATA SHEET

S.No.	Key Information									
1.	<p>Name of the Client: Uttarakhand Metro Rail Urban Infrastructure & Building Construction Corporation Ltd.</p> <p>Method of Selection: Quality -cum Cost Based Selection (QCBS) 80:20</p>									
2.	<p>Proposals Requested: Technical Proposals (1 original + 1copy) and Financial Proposal (1 original) are requested.</p> <p>Name of the Assignment: “Consultancy Services for Preparation of Comprehensive Mobility Plan for Dehradun, Rishikesh and Haridwar with focus on Metropolitan Area”</p>									
3.	<p>Eligibility Criteria:</p> <ol style="list-style-type: none"> 1. Financial Capacity: The Applicant should demonstrate an Average Annual Turnover of Rs.20 crore (Rupees Twenty Crore) during last 3 (three) financial years preceding the current year. 2. The Applicant/Consultant shall be empanelled with MoUD, GoI. 3. The Applicant shall have more than 5 (five) years of experience in the field of urban consultancy in India. 4. The Applicant shall have successfully completed at least 5 (Five) projects in the domain of Consultancy Services in respect of preparing Comprehensive Mobility Plan (CMP) / Comprehensive Traffic and Transportation Study (CTTS) / Master Plan inclusive of Mobility/transportation plan of cities/regions/ Strategic Road Network Master Plan/ Multi-level Parking/ Logistics Hubs Planning/ Demand Assessment for the Development of Multi facility International Bus Terminal/ DPR/ Alignment Design/DDC of MRTS Projects/Inter City Bus Terminus & connectivity plan, etc./ Smart City Challenge Proposal including City Mobility Planning/City Development Plan(CDP)/Development of Modern Bus shelters & FOBs on BRTS Corridors/Low Carbon Mobility Plan (LCMP)/ Integrated Mobility Plan (IMP) for urban areas (Similar Projects) <table border="1" data-bbox="355 1458 1337 2087"> <thead> <tr> <th data-bbox="355 1458 448 1547">S.No.</th> <th data-bbox="448 1458 1102 1547">Criteria</th> <th data-bbox="1102 1458 1337 1547">Maximum Marks</th> </tr> </thead> <tbody> <tr> <td data-bbox="355 1547 448 1608">1</td> <td data-bbox="448 1547 1102 1608">Approach and Methodology specific to the project</td> <td data-bbox="1102 1547 1337 1608">5</td> </tr> <tr> <td data-bbox="355 1608 448 2087">2</td> <td data-bbox="448 1608 1102 2087"> <p>Relevant Experience</p> <p>Undertaken similar projects of Comprehensive Mobility Plan (CMP) / Comprehensive Traffic and Transportation Study (CTTS)/ Low Carbon Mobility Plan (LCMP)/ Integrated Mobility Plan (IMP) for urban areas (Similar Projects) for cities of India.</p> <ul style="list-style-type: none"> • 2 (Two) project should be of planning area not less than of 500 Sq.Km or population more than 10 lack - (5 Marks each) • 8 (Eight) projects of size; having a population not less than 5 lakh, in the domain of Consultancy Services in respect of preparing Comprehensive Mobility Plan / Integrated Mobility Plan / Urban Transport Projects /MRTS Projects DPR/ Detailed Design </td> <td data-bbox="1102 1608 1337 2087">50</td> </tr> </tbody> </table>	S.No.	Criteria	Maximum Marks	1	Approach and Methodology specific to the project	5	2	<p>Relevant Experience</p> <p>Undertaken similar projects of Comprehensive Mobility Plan (CMP) / Comprehensive Traffic and Transportation Study (CTTS)/ Low Carbon Mobility Plan (LCMP)/ Integrated Mobility Plan (IMP) for urban areas (Similar Projects) for cities of India.</p> <ul style="list-style-type: none"> • 2 (Two) project should be of planning area not less than of 500 Sq.Km or population more than 10 lack - (5 Marks each) • 8 (Eight) projects of size; having a population not less than 5 lakh, in the domain of Consultancy Services in respect of preparing Comprehensive Mobility Plan / Integrated Mobility Plan / Urban Transport Projects /MRTS Projects DPR/ Detailed Design 	50
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2	<p>Relevant Experience</p> <p>Undertaken similar projects of Comprehensive Mobility Plan (CMP) / Comprehensive Traffic and Transportation Study (CTTS)/ Low Carbon Mobility Plan (LCMP)/ Integrated Mobility Plan (IMP) for urban areas (Similar Projects) for cities of India.</p> <ul style="list-style-type: none"> • 2 (Two) project should be of planning area not less than of 500 Sq.Km or population more than 10 lack - (5 Marks each) • 8 (Eight) projects of size; having a population not less than 5 lakh, in the domain of Consultancy Services in respect of preparing Comprehensive Mobility Plan / Integrated Mobility Plan / Urban Transport Projects /MRTS Projects DPR/ Detailed Design 	50								

		Consultancy/alignment Design/ Traffic and Transportation Studies for urban areas or similar projects – (5 Marks each)	
	3	Experience of Urban/ Transportation/Tourism projects undertaken for <u>any State Government of India</u>	10
	4	Qualifications and competence of the Key Staff for this assignment i. Team Leader/Urban Transport Planner- 15 Marks ii. Urban Planner - 5 Marks iii. Traffic Management and Public Transport Expert –5 Marks iv. Transport Modeller – 5 Marks v. Environment and Social expert– 5 Marks	35
	Total		100

Responsibilities of Key Persons		
	Key Personnel	Responsibilities
4.	a Urban Transport Planner (Team Leader)	He/ She will lead, co-ordinate and supervise the consultancy team for delivering the consultancy in a timely manner as envisaged in this RFP. He/she shall lead the team in assessment of the current urban transport scenario in the study area, in discussion with the client develop various future scenarios and detail out various projects under various horizon years. He/she shall be responsible for coordination with the client on all aspects of the project. He/she shall be present for all meetings with the client and the stakeholders. He shall not delegate responsibilities except with the prior written approval of the Uttarakhand Metro Rail Urban Infrastructure & Building Construction Corporation Ltd.
	b Urban Planner	He/ She will be responsible for ensuring optimised land use – transport integration by incorporating the current master plans, city development plans etc. He/she shall contribute at the base scenario as well as future scenarios based on land use proposals. He/she shall contribute to the requirements for population projections and land use planning. .

c	Traffic Management and Public Transport Expert	He/ She will be responsible to jointly carry out the demand assessment, cum viability study formulating traffic management plans, parking master plans & policies keeping in mind the transportation related safety issues. Shall identify traffic related assets and infrastructure for the successful implementation of the project.
d	Transport Modeller	He/ She shall contribute his/her expertise in assessing the traffic assignments for base and future scenarios based on transport demand model developed on state of the art modelling software.
e	Environment and Social expert	He/ She shall contribute his/ her expertise in assessing the public transport system. Prepare Public Transport Improvement Plans and make an assessment of the environment and social aspects with focus n urban mobility solutions.

The minimum required credential/experience of proposed key staff is:

Sl.No.	Position	Educational Qualifications	Experience
1.	Urban Transport Planner (Team Leader)	PGD/Master's Degree in Transport Planning/Transportation Engineering.	15 years relevant experience in consultancy and advisory assignments in Urban Transport Planning Domain. Should have experience in Similar capacity / Team Leader in preparation of mobility plans, public transport, traffic and allied services, demand estimations, projections and modelling /Development of transport related policies and strategies, preparation of master plans, traffic engineering, feasibility studies and preparation of financial models for transportation projects.
2.	Urban Planner	PGD/Master's degree in Urban/Infrastructure Planning.	10 years of relevant experience in consultancy and advisory assignments in Urban Development Domain. Should have experience in similar capacity in development of transport related policies and strategies, integration of land use and transport, preparation of master plans, and feasibility studies for Comprehensive Mobility Plans and other relevant projects
3.	Traffic Management and Public Transport Expert	PGD/Master's Degree inTraffic/Transportation Engineering/Planning or related discipline.	5 years in consultancy and advisory assignments in Traffic Management in Urban domain. Should have experience in similar capacity in preparing Traffic Management Plans in

				major cities
	4	Transport Modeller	B.Tech. (Civil)/ <u>Transport Planner/ Transport Engineer and certified expert</u> (advanced course) in respective Modelling software	5 years in consultancy and advisory assignments in Traffic Management in Urban Domain with expertise in transport demand modelling for cities and urban areas in last 2 years
	5	Environment and Social expert	PGD/ Master's degree in Environment Planning	5 years in consultancy and advisory assignments in environment and social studies in Urban cities with focus on urban mobility.
	Performance Guarantee/ Security Deposit			
	5.	Performance Guarantee shall be 1% of the Consultancy fees to be submitted at the time of award of work within 28 days of Letter of Acceptance (LoA) by the successful applicant.		
	Last Data for receiving queries/clarifications for pre proposal conference:			
	Pre proposal Conference:			
	6.	The name(s), address(s), and telephone/ numbers of the Employer's Officials(s) are:		
		Tele/Fax. No.:		
		E-mail:		
	Proposal Due Date:			
	7.	Opening of Technical Proposal:		
		Opening of Financial Proposal:		
	8.	The Language of documents and correspondence will be: English		
	9.	Consortiums and Joint Venture between firms: Not permitted		
	Validity of Proposal:			
	10.	Bids shall remain valid for a period not less than 90 days from the last date of receipt of Bid or this may be extended beyond this with the consent of the Applicant as per necessity.		
	11.	The consultants to state all the local costs in Indian Rupees (INR) and Foreign Currency (maximum of one currency), if required. But will have to quote Total Fee in INR Consultants are requested to consult tax consultant for details.		
	12.	The two separate sealed envelopes containing the technical and financial proposals, should be placed in one sealed cover and labeled. Proposals must be submitted no later than the following date and time:		

	The proposal submission address is:
13.	Expected date for commencement of consulting services: Location of Services: Dehradun, India

1.3. The proposal will be rejected for award if it determines that the Consultant recommended for award has, directly or through an agent, engaged in corrupt, fraudulent, collusive or coercive practices in competing for the contract in question;

1.4. A firm will be declared ineligible, either indefinitely or for a stated period of time, to be awarded a contract if - it at any time determines that the firm has engaged in corrupt or fraudulent practices in competing for or in executing, a contract; and

1.5. Consultants and their associates shall not be under a declaration of ineligibility for corrupt and fraudulent practices. Furthermore, the Consultants shall be aware of the provisions on fraud and corruption stated in the specific clauses in the General Conditions of Contract.

1.6. Consultants shall furnish information on commissions and gratuities, if any, paid or to be paid to agents relating to this proposal and during execution of the assignment if the Consultant is awarded the Contract, in the Financial Proposal.

1.7. The Data Sheet indicates how long Consultants' Proposals must remain valid after the submission date. During this period, Consultants shall maintain the availability of Professional staff nominated in the Proposal. The Client will make its best effort to complete negotiations within this period. Should the need arise; however, the Client may request Consultants to extend the validity period of their proposals.

1.8. Consultants who agree to such extension shall confirm that they maintain the availability of the Professional staff nominated in the Proposal, or in their confirmation of extension of validity of the Proposal, Consultants could submit CV of new staff, being proposed in replacement, who would be considered in the final contract, after the evaluation of the CV. Consultants who do not agree have the right to refuse to extend the validity of their Proposals.

1.9. CONDITIONS OF ELIGIBILITY OF APPLICANTS/CONSULTANT

1.9.1. Applicants must read carefully the minimum conditions of eligibility (the "Conditions of Eligibility") provided herein. Proposals of only those Applicants who satisfy the Conditions of Eligibility will be considered for evaluation.

1.9.2. To be eligible for evaluation of its Proposal, the Applicant shall fulfil the following:

1. **Financial Capacity:** The Applicant should demonstrate an Average Annual Turnover of **Rs.20 crore** (Rupees Twenty Crore) during last 3 (three) financial years preceding the current year.

2. **Technical Capacity:**

a. The Applicant/Consultant shall be empanelled with MoUD, **GoI vide circular No.K-14011/28/2012-UT dated 20th June, 2013.**

- b. The Applicant shall have more than 5 (five) years of experience in the field of urban transport consultancy in India.
- c. The Applicant shall have successfully completed at least 5 projects in the domain of Consultancy Services in respect of preparing Comprehensive Mobility Plan (CMP) /Low Carbon Mobility Plan (LCMP)/ Integrated Mobility Plan (IMP) for urban areas („Similar Projects“).

1.10. PROCEDURE FOR SUBMISSION OF BIDS

The application fee is Rs. 5,000/- (Five Thousand Only) which is to be submitted along with the bid in the shape of Demand Draft on any scheduled bank in favour of “**Uttarakhand Metro Rail Urban Infrastructure & Building Construction Corporation Ltd.**” payable at “**Dehradun**”. This application fee is non-refundable.

1.11. PREPARATION OF PROPOSAL

1. The Performance Guarantee is provided;
2. All forms are submitted in the prescribed formats and signed by the prescribed signatories;
3. Power of Attorney in original, duly attesting the specimen signature of the person signing the bid documents, along with copy of board resolution in support of the person issues the PoA, if applicable, is executed as per Applicable Laws;
4. Professional Personnel proposed are meeting the conditions of eligibility and have good working knowledge of English language;
5. Copy of educational certificates of professions, supporting the eligibility criteria is provided;
6. Key Personnel would be available for the assignment;
7. No Key Personnel should have attained the age of 60 (Sixty) years at the time of submitting the proposal; and

You are requested to submit your proposal (Technical Proposal – 1 Original and 1 Copy; Financial Proposal – 1 Original) in English in Two Parts in 2 separate envelopes/ packages and put together in one single outer envelope/ package. The two parts shall be captioned as follows on the respective envelopes:

Part 1: Technical Proposal and

Part 2: Financial Proposal.

PART 1: TECHNICAL PROPOSAL

Applicants shall submit the application comprising of the following documents in the formats at given in Appendix-I (the “Application”).

Documents supporting the eligibility criteria:

1. The completed project shall be evidenced through client's completion certificate/certificate from client/company's Auditor/Company Secretary/Chief Financial officer or from a Chartered Accountant, indicating that all the deliverables of the eligible projects have been submitted to the client.
2. Copies of the registration certificate of the firm/company
3. Certificate from Firm's CA supporting the turnover

Other documents supporting the Application:

1. Approach and Methodology specific to the project
2. Urban Transport projects undertaken for Government of Uttarakhand
3. CVs of proposed Key Personnel

PART 2: FINANCIAL CAPACITY

1. The rate should be quoted in both figure and words.
2. Applicants should quote rates exclusive of applicable taxes.

1.12 Please note that associating with other firm, consortiums and Joint Venture between firms **is not permitted.**

1.13 Bids shall remain valid for a period not less than 90 days from the last date of receipt of Bid or this may be extended beyond this with the consent of the Applicant as per necessity. During the above mentioned period no plea by the Applicant for any sort of modification of the Bid based upon or arising out of any alleged misunderstanding of misconceptions or mistake or for any reason will be entertained.

1.14 Bids will not be received after the last date / time prescribed in RFP

1.15 The authority reserves the right to verify all statements, information and documents, submitted by the applicant in response to the Application. Failure of the authority to undertake such verification shall not relieve the Applicant of its obligations or liabilities hereunder nor will it affect any rights of the Authority there under.

1.16 In case it is found during the evaluation or at any time before signing of the agreement or after its execution and during the period of subsistence thereof, that one or more of the eligibility conditions have not been met by the applicant or the applicant has made material misrepresentation or has given any materially incorrect or false information, the applicant shall be disqualified forthwith if not yet appointed as the consultant either by issue of the LOI or entering into of the agreement, and if the applicant has already been issued the LOI or has entered into the agreement, as the case may be, the same shall, notwithstanding anything to the contrary contained therein or in this Application, be liable to be terminated, by a communication in writing by the authority without the authority being liable in any manner whatsoever to the applicant or consultant, as the case may be.

1.17 The bids would have to be submitted in separate sealed covers super scribed "Technical Bid" and "Financial Bid" respectively and both envelopes kept in a single envelope marked "**Preparation of revised Comprehensive Mobility Plan (CMP) for Dehradun, Rishikesh and Haridwar**"

with focus on Metropolitan Area” for Uttarakhand Metro Rail Urban Infrastructure & Building Construction Corporation Ltd. and should be addressed to:

**Director,
Uttarakhand Metro Rail Urban Infrastructure & Building Construction Corporation
Ltd., Dehradun**

1.12 The cover should clearly indicate the name of the organization submitting the bid.

1.13 This document of detail terms of reference and other conditions will form a part of the proposal and should be submitted duly signed by the applicant on every page to be submitted with bid.

1.14 All documents should be in English.

1.15 Bids submitted through Email will not be accepted.

1.16 Pre-bid meeting will be held on **28/08/2017 at 11 AM in the office of Uttarakhand Metro Rail Urban Infrastructure & Building Construction Corporation Ltd, Rajiv Gandhi Complex, Dispensary Road, Dehradun.**

1.17 Bid documents should be submitted in the address mentioned above up to **15/09/2017** till **16:00 hrs** and will be opened on same day at **17.00hrs** if possible.

2. TERMS OF REFERENCE (TOR)

2.1. BACKGROUND

2.1.1. Dehradun is the capital city of the state of Uttarakhand in the northern part of India. Located in the Garhwal region, it lies 236 kilometres (147 mi) north of India's capital New Delhi and is one of the "Counter Magnets" of the National Capital Region (NCR) being developed as an alternative centre of growth to help ease the migration and population explosion in the Delhi metropolitan area and creation highways to establish a smart city at Dehradun.

2.1.2. Uttarakhand Metro Rail Urban Infrastructure & Building Construction Corporation Ltd.. (the "Authority") invites Application (the "Proposals") for selection of a suitable Technical Consultant (the "Consultant") for "Preparation of Comprehensive Mobility Plan (CMP) for Dehradun, Rishikesh and Haridwar with focus on Metropolitan Area" (the "Project").

2.2. OBJECTIVE

The objective of carrying out the study is to develop Comprehensive Mobility Plan for Dehradun, Rishikesh and Haridwar with focus on Metropolitan Area with all modes including pedestrians, cyclists and Inter-mediate Public Transport (IPT), public transport, canal navigation etc. in order to achieve convenient and cost effective accessibility to places of employment and education along with optimal utilization of funds and human resources.

The specific objectives of the study are:

1. Identify socio-economic background of different groups and their travel pattern residents in Dehradun.

1. Select, develop and operationalize an Urban Transport Planning (UTP) model using state of the art modeling techniques and CUBE / **or any other equivalent** software package
2. Assess the relevance of the existing strategy, identify the consequences of pursuing alternative transportation strategies and recommended/ update short term, medium term and long-term comprehensive transportation strategy for the study area up to 2037 based on cost benefit analysis of alternatives.
3. Strategize transport policy and parking policy as an integrated part of urban planning.
4. Identify for all modes, a phased program of appropriate and affordable investments and policy proposals and also integration of various modes of mass transits as well as public transport with Intermediate Public Transport (IPT).
5. Assess existing infrastructure requirements and forecast short term and long term requirements.
6. Recommend institutional mechanism for inter-agency co-ordination.
7. Help strength transport planning skills and transfer all data, planning model/tools and knowledge obtained through the study.
8. Action plan for improvement

In line with the specific objectives of the study described in above, the consultancy work is expected to cover following areas of activity:

1. Collection of household, land use and travel demand data
2. Development and operation of an urban transport planning model
3. Define a Vision, mobility policy and formulation of transport strategy and institutional mechanism:
4. Identification of a phased program of transport investment and management proposals
5. Training and knowledge transfer to the concerned agencies
6. Propose the action plan for achieving the standard service level benchmarks
7. Canal Navigation (Seasonal)

The studies, surveys, investigations, proposals and reports shall be based on relevant provisions of IRC Standards, Codes and Special Publications (with latest amendments); MORT&H Specifications/ Circulars/ Guidelines (up to date) or any other applicable standards/codes, etc. In case some such practices are not available in the above documents, reference shall be made to other International Standards with prior approval of the Authority.

2.1. SCOPE OF SERVICES

The major tasks to prepare a Comprehensive Mobility Plan for Dehradun, Rishikesh and Haridwar with focus on Metropolitan Area shall include:

Task 1: Defining Scope of the Comprehensive Mobility Plan

Task 2: Data Collection and Analysis of the Existing Urban Transport Environment

Task 3: Development of Business as Usual (BAU) Scenario

Task 4: Development of Sustainable Urban Transport Scenarios

Task 5: Development of Urban Mobility Plan

Task 6: Preparation of the Implementation Program

The detailed scope of work is given herein. Also the consultants may refer the revised CMP toolkit issued by Ministry of Urban Development (MoUD), Government of India, for detailed references and clarifications, if any. The toolkit can be downloaded from MoUD/IUT website for reference. Scope of work is as per the revised Toolkit for preparation of CMP published by MoUD, GoI which shall cover the following tasks:

TASK 1: Defining the Scope of the CMP

The first step in preparing the CMP for Dehradun, Rishikesh and Haridwar with focus on Metropolitan Area shall define the scope of the project which shall include defining the planning area, planning horizon, work plan and vision.

TASK 2: Data Collection and Analysis of the Existing Urban Transport and Environment

The task shall involve the consultant undertaking the following sub tasks:

1. Review of the City Profile including land area, demographic profile, location, regional linkages etc.
2. Delineation of Traffic Analysis Zones: For the purpose of analysis and development of travel demand forecasting model, the study area is required to be subdivided into smaller areas known as Traffic Analysis Zones (TAZs) or Zones as they are commonly referred to. This shall be done keeping in mind the requirements of the revised CMP guidelines by MoUD.
3. Review of Land Use Pattern and Population Density: This shall include review of the land use data as per NUIS guidelines as well as reviewing the density patterns in the city.
4. Review of the Existing Transport Systems
5. Study of Existing Travel Behaviour: The collected data should cover the travel behaviour of all individuals within a household, and the data should be segregated by mode and trip purpose.
6. Review of Energy and Environment: Energy consideration is one of the key concerns of a “Smart City”. Quantifying energy consumption for transport is important for estimating the CO₂ and local air pollution emissions from transport related activities. The consultant shall look into the aspects of energy balance, vehicles – fuel types and efficiency and ambient air quality as per the MoUD guidelines.

7. Service Level Benchmarks: Infrastructural data have to be collected other than the data listed in the MoUD guidelines. This data should then be compared with the service-level benchmarks to understand the level of service provided to the citizen of certain specified parameters.
8. Analysis and Indicators (Comparison with Benchmarks): As indicated in the revised toolkit by MoUD for CMPs.

TASK 3: Development of Business as Usual (BAU) Scenario

The task for BAU scenario shall include the following sub tasks to be undertaken in detail so as to achieve the envisioned objective:

1. Framework for Scenarios: The BAU scenario shall extrapolate existing trends and assume no radical policy interventions for sustainable development and emission mitigation. However, it shall incorporate infrastructure development and land use according to the Master Plan for Dehradun, Rishikesh and Haridwar with focus on Metropolitan Area.
2. Socio-Economic Projections: The consultant shall undertake demographic projects, employment projections and industrial growth projections as desired by the revised CMP toolkit.
3. Land Use Transitions: The land use transitions shall be reviewed and studied considering the transition in land use type as well as the built up area, in accordance with the data available with the client/city authorities.
4. Transport Demand Analysis: The MoUD guidelines indicate the four step model to be followed for the transport demand analysis and details out the methodology for the same. The consultant is encouraged to use the same or with adaptations as approved by the client, for the CMP for Dehradun.
5. Technology Transitions: The consultant shall also consider the latest technology transitions such as vehicle types, fuel technology and vehicle technology in preparation of the CMP.
6. CO2 Emissions and Air Quality: The consultant should study the impacts of alternative strategies using key indicators for mobility, safety, and local environment, as well as more aggregate indicators like CO2 and energy use.
7. Analysis and Indicators (Comparison with Benchmarks)

TASK 4: Development of Sustainable Urban Transport Scenarios

Post Task 3, i.e. developing the Business As Usual Scenario, the consultant is required to develop sustainable urban transport scenarios. The sub-tasks shall include:

1. Framework for Scenario: The consultant shall review the national carbon indicators, undertake identification and quantifications of the drivers as indicated in the toolkit.

2. Strategies for Sustainable Urban Transport Scenario: CMPs must identify priorities to help achieve the sustainable city goals of increased public transport, non-motorised transport etc.
3. Transport Demand Analysis of Alternative Strategies for Sustainable Urban Transport: The task shall include alternative analysis of strategies with the aim to improve transport infrastructure and increase the cost of using personal motorised vehicles.
4. Technology Transitions under a Low Carbon Scenario
5. CO2 Emissions and Air Quality (Refer to point 6 of TASK 3.)
6. Analysis and Indicators (Comparison with Benchmarks)

TASK 5: Development of Urban Mobility Plan

Based on the analysis of existing urban transport, BAU scenario, preferred land use and transport scenario, vision and strategy for development, a detailed urban mobility plan for the city should be prepared.

1. Integrated Land Use and Urban Mobility Plan: CMP advocates integrating the urban mobility plan with the land use plan and vice-versa. Consultants should consider the following elements for land use transport integration while preparing the CMP:
 - Enabling urban structure
 - Completing the hierarchy of roads
 - Aligning public transit with high density areas, mixed land use to capture the land value
 - Integrating multimodal transit interchange policy and planning integration at vertical and horizontal level
2. Formulation of the Public Transport Improvement Plan: CMP divides Public Transport Improvement Plans into a number of sections, including service improvements for buses, trams and para-transit, appropriate MRT options and infrastructure development plans and intermodal integration plans.
3. Preparation of Road Network Development Plan: CMP should list out road projects which are to be developed, strengthened, upgraded and interconnected including hierarchical road network, arterial road construction/ widening projects, secondary road construction/ widening projects, intersection improvement projects, flyover projects, railway over bridge or underpass projects. The hierarchical road network should be based on travel demand.
4. Preparation of NMT Facility Improvement Plan
5. Freight Movement Plan: Freight traffic and movement of goods within city and passing through inter-city traffic affects the overall city mobility. The freight planning needs to be integrated with mobility plan by organizing the freight movement in the city. The freight management plan should address issues regarding the location of distribution centers, mode of transport, time restrictions, air and noise pollution etc.

6. **Mobility Management Measures:** In CMP, traffic management plans cover parking management plans, traffic control measures, intermodal facilities, demand management measures, traffic safety plan and ITS. Mobility management measures suggested in the CMP should enable enhanced use of public transit and NMT modes.
7. **Development of Fiscal Measures:** Fiscal measures should also be considered to achieve a balanced modal split, and to secure the budget necessary to implement urban transport projects.
8. **Mobility Improvement Measures and NUTP Objectives:** The land use and transport measures proposed in the CMP will improve the mobility in the metropolitan area and cover the critical issues addressed in the NUTP. A summary of the relationship between the NUTP objectives and the measures proposed in the CMP for Dehradun, together with a classification of the measures according to their implementation time frame (immediate, short, medium and long term) as per the provision of NUTP should be prepared.

TASK 6: Preparation of the Implementation Program

Task 5 involves the development of various urban mobility measures as discussed earlier. The necessary interventions for these measures shall include a set of actionable projects to be implemented in the city and prioritised based on a linear timeframe.

1. **Preparation of Implementation Programs:** The CMP should prepare a guideline to prioritise various projects simultaneously such that preliminary study and feasibility assessment of long-term projects can be an immediate priority.
2. **Identification and Prioritization of Projects:** All sustainable transport projects must have equal priority, but their planning can be phased based on short, medium and long-term planning. The consultant shall take into account the guidelines from the MoUD revised toolkit for the CMP.
3. **Funding of Projects:** CMP should make a resource assessment for all the projects listed in the CMP and should suggest the city authority, city-specific and project specific indicative source of financing for the project. Financing options for urban transport needs to be suggested based on the details given in the toolkit on financing and financial analysis of urban transport. Refer MoUD guidelines and toolkit.

2.4. DELIVERABLES & TIMELINES

The time frame and project deliverables are given as under

Sl. No	Deliverables	Timelines (M= Date of Signing of Agreement)
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1.	Inception Report and Detailed Work Plan	M+1 month
2.	Interim Report	M+4 months
3.	Draft Final CMP	M+6 months
4.	Final CMP with Executive summary	Within 1 month of receipt of comments

3. EVALUATION OF APPLICATION

3.1. Uttarakhand Metro Rail Urban Infrastructure & Building Construction Corporation Ltd. will review all the eligible “Bid” of the applicants. The assessment of the technical bids would be based on the following criteria;

S.No.	Criteria	Maximum Marks
1	Approach and Methodology specific to the project	5
2	<p>Relevant Experience</p> <p>Undertaken Comprehensive Mobility Plan (CMP) /Low Carbon Mobility Plan (LCMP)/ Integrated Mobility Plan (IMP) for urban areas/ Similar projects as in s. no. 4. Of data sheet above („Similar Projects”) for cities of India.</p> <ul style="list-style-type: none"> • 2 (Two) project should be of planning area not less than of 500 Sq.Km or population more than 10 lack - (5 Marks each) • 8 (Eight) projects of size; having a population not less than 5 lakh, in the domain of Consultancy Services in respect of preparing Comprehensive Mobility Plan / Integrated Mobility Plan / Urban Transport Projects / Traffic and Transportation Studies for urban areas – (5 Marks each) 	50
3	Urban Transport projects undertaken for Government of Uttarakhand	10

S.No.	Criteria	Maximum Marks
4	<p>Qualifications and competence of the Key Staff for this assignment</p> <ul style="list-style-type: none"> i. Team Leader/Urban Transport Planner- 15 Marks ii. Urban Planner - 5 Marks iii. Traffic Management and Public Transport Expert –5 Marks iv. Transport Modeller – 5 Marks v. Environment and Social expert – 5 Marks 	35
Total		100

3.2. The responsibilities required for the proposed key professionals for each scope of services are as follows:

Sl.No.	Position	Educational Qualifications	Experience
1	Urban Transport Planner (Team Leader)	PGD/Master's Degree in Transport Planning/Transportation Engineering.	15 years relevant experience in consultancy and advisory assignments in Urban Transport Planning Domain. Should have experience in Similar capacity / Team Leader in preparation of mobility plans, public transport, traffic and allied services, demand estimations, projections and modelling /Development of transport related policies and strategies, preparation of master plans, traffic engineering, feasibility studies and preparation of financial models for transportation projects.
2	Urban Planner	PGD/Master's degree in Urban/Infrastructure Planning.	10 years of relevant experience in consultancy and advisory assignments in Urban Development Domain. Should have experience in similar capacity in development of transport related policies and strategies, integration of land use and transport, preparation of master plans, and feasibility studies for Comprehensive Mobility Plans and other relevant projects
3	Traffic Management and Public Transport Expert	PGD/Master's Degree in Traffic/Transportation Engineering/Planning or	5 years in consultancy and advisory assignments in Traffic Management in Urban domain. Should have

Sl.No.	Position	Educational Qualifications	Experience
		related discipline.	experience in similar capacity in preparing Traffic Management Plans in major cities.
4	Transport Modeller	B.Tech (Civil) and certified expert (advanced course) in respective Modelling software	5 years in consultancy and advisory assignments in Traffic Management in Urban domain with expertise in transport demand modelling for cities and urban areas in last 2 years
5	Environment and Social expert	PGD/ Master's degree in Environment Planning	5 years in consultancy and advisory assignments in environment and social studies in Urban cities with focus on urban mobility.

3.3. The minimum required credential/experience of proposed key staff is:

Sl.No.	Position	Educational Qualifications	Experience
1	Urban Transport Planner (Team Leader)	PGD/Master's Degree in Transport Planning/Transportation Engineering.	15 years relevant experience in consultancy and advisory assignments in Urban Transport Planning Domain. Should have experience in Similar capacity / Team Leader in preparation of mobility plans, public transport, traffic and allied services, demand estimations, projections and modelling /Development of transport related policies and strategies, preparation of master plans, traffic engineering, feasibility studies and preparation of financial models for transportation projects.
2	Urban Planner	PGD/Master's degree in Urban/Infrastructure Planning.	10 years of relevant experience in consultancy and advisory assignments in Urban Development Domain. Should have experience in similar capacity in development of transport related policies and strategies, integration of land use and transport, preparation of master plans, and feasibility studies for Comprehensive Mobility Plans and other relevant projects
3	Traffic Management and Public Transport Expert	PGD/Master's Degree in Traffic/Transportation Engineering/Planning or related discipline.	5 years in consultancy and advisory assignments in Traffic Management in Urban domain. Should have experience in similar capacity in preparing Traffic Management Plans in major cities.
4	Transport Modeller	B.Tech (Civil) and certified expert (advanced course) in respective Modelling software	5 years in consultancy and advisory assignments in Traffic Management in Urban domain with expertise in transport demand modelling for cities and urban areas in last 2 years
5	Environment and Social expert	PGD/ Master's degree in Environment Planning	5 years in consultancy and advisory assignments in environment and social studies in Urban cities with focus on urban mobility.

3.4. The marks secured based on evaluation of the technical bid as per the above shall be the technical score of the Applicant for the Project being considered for evaluation (“Technical Score”).

3.5. Uttarakhand Metro Rail Urban Infrastructure & Building Construction Corporation Ltd will review all the eligible “Applications” and applicant scoring 75 (“Technical Score) (Seventy Five) marks out of 100 (hundred), would only eligible for further evaluation and opening of financial bid

3.6. Criteria for Evaluations of Financial Proposal

3.6.1. At the end of the evaluation of pre-qualification and technical proposals, Uttarakhand Metro Rail Urban Infrastructure & Building Construction Corporation Ltd shall invite applicants who have submitted substantially responsive pre-qualification and technical proposals and who have been determined as qualified, for the opening of financial bids. The Applicants shall then be requested to attend the opening of the financial bids. The schedule and venue for opening of financial bids shall be duly intimated to the substantially responsive s well in time.

Following shall be read out and recorded at the time of opening of financial bids:

- a. The name of the Applicants
- b. Any other details „Uttarakhand Metro Rail Urban Infrastructure & Building Construction Corporation Ltd“ Limited may consider appropriate.

3.6.2. If the bid of the Successful Applicant is seriously unbalanced in relation to the market rate or ‘Uttarakhand Metro Rail Urban Infrastructure & Building Construction Corporation Ltd’ estimate of the cost to be performed under the Contract, ‘Uttarakhand Metro Rail Urban Infrastructure & Building Construction Corporation Ltd.’ may require the Applicant to produce a detailed price analysis for any or all items specified in price bid, to demonstrate the internal consistency of those prices with the Good Industry Practice. A bid, which is unrealistically lower or higher than estimate and which could not be substantiated satisfactorily by the Applicant, may be rejected.

3.6.3. The financial bids of Applicants, who have secured a “Technical Score” of 75 marks or above, shall be tabulated for the Project and the Applicant whose financial bid is the lowest for the Project (“L1 Applicant”) shall be given a Financial Score of 100 marks. The Financial Scores of Applicants for the Project shall be computed as follows:

Financial Score of Applicants for the Project =

$100 \times [\text{Fee quoted by the Applicant for the Project} / \text{Fee quoted by the L1 Applicant for the Project}]$

3.6.4. The marks secured based on evaluation of the Financial Bid as per the above shall be the financial score of the Applicant for the Project (“Financial Score”).

3.6.5. Computation of Composite Score and Determination of Successful Applicant and award of Project:

The quality marks and the price marks obtained above shall be used to arrive at a composite score for each using the following weightages:

Technical Scores (A)	Weight (B)	Weighted Score (C) = (A) x (B)
Technical Score	80%	X
Financial Score	20%	Y
Composite Score of the Applicant		(X+Y)

3.6.6.The Applicants qualified in technical capability and financial capability and obtaining the highest composite score as per the formula prescribed above, would be considered the preferred applicant for the award of the Project at the sole discretion of Uttarakhand Metro Rail Urban Infrastructure & Building Construction Corporation Ltd.

3.6.7.Negotiations would be done with preferred applicant:

- a. The aim would be to reach an agreement on all points, clarification on taxes and initiate a draft contract at the conclusion of negotiations.
- b. Changes agreed upon will then be reflected in the draft contract.

3.6.8.A detailed contract would be executed within 15 days of issue of work order between 'Uttarakhand Metro Rail Urban Infrastructure & Building Construction Corporation Ltd.' and preferred Applicant which would cover all features of this RFP document and negotiations.

4. PAYMENT TERMS

4.1. The deliverables and payment terms in respect of services shall be made as follows

Sl. No	Mile-stone deliverables	Payment to be made (% to the total project cost)
1.	Mobilization Advance on submission of Performance Security	20
2.	Inception Report and Detailed Work Plan	20
3.	Interim Report	20
4.	Draft Final CMP	30
5.	Final CMP with Executive summary	10
Total		100

4.2. The Consultancy firm/agency shall submit the invoice for payment when the payment is due as per the agreed terms. The payment shall be released as per the work related milestones achieved and as per the specified percentage.

4.3. Once a milestone is completed, the Consultancy firm/agency shall submit the requisite deliverables. The Authority shall release the requisite payment upon acceptance of the deliverables. However, if the Authority fails to intimate acceptance of the deliverables or its objections thereto, within 15 days of receipt of it, the Authority shall release the payment to the Consultancy firm/agency without further delay.

4.4. In case of early termination of the contract, the payment shall be made to the Consultancy firm/agency as mentioned here with: (i) Assessment should be made about work done from the previous milestone, for which the payment is made or to be made till the date of the termination. The Consultancy firm/agency shall provide the details of persons reasonably worked during this period with supporting documents. Based on such details, the remuneration shall be calculated based on the man month rate as specified.

5. CONTRACT PERFORMANCE GUARANTEE / SECURITY DEPOSIT

5.1. A contract performance guarantee is intended to secure the performance of the entire contract. The Contract Performance Guarantee to be submitted at the time of award of work. Performance Security shall be 1% of the consultancy fee and this amount should be submitted within 28 days of receipt of Letter of Acceptance (LOA) by the successful Applicants in the form of Bank Guarantee

5.2. If performance security is provided by the successful Applicants in the form of bank guarantee it shall be issued by any Scheduled Bank of RBI/National Bank at the Applicant's option.

5.3. Bank Guarantee shall be valid for a period of at least 6 (six) months from the date of issuance of letter of award.

5.4. Bank guarantee shall be irrevocable by the successful Applicant.

5.5. The Guarantee amount shall be payable to the Employer without any condition whatsoever.

5.6. The employer shall be at liberty to deduct from the contract performance guarantee such sums as are due and payable by the Applicant to the Employer as may be determined in terms of the contract, and the amount appropriated from the contract performance guarantee shall have to be restored by Applicant subsequently. Contract Document shall be as per the features of this EOI cum RFP and shall be provided to the selected Applicant.

5.7. Contract Performance Guarantee shall be released/returned after submission of Final Report /Completion of the task

6. RIGHT TO REJECT ANY OR ALL PROPOSALS

Notwithstanding anything contained in this „Application“, the Authority reserves the right to accept or reject any proposal and to annul the selection process and reject all proposals, at any time without any liability or any obligation for such acceptance rejection or annulment, and without assigning any reasons thereof. The authority reserves the right to reject any proposal if:

- at any time, a material misrepresentation is made or uncovered, or
- Applicant does not provide, within the time specified by the authority, the supplemental information sought by the authority for evaluation of the proposal.

- 6.1.** Such misrepresentation/ improper response may lead to the disqualification of the Applicant. If such disqualification/rejection occurs after the proposals have been opened and the highest ranking applicant gets disqualified /rejected, then the authority reserves the right to consider the next best applicant, or any other measure as may be deemed fit in the sole discretion of the authority, including annulment of the selection process.

APPENDICES

Technical Bid

Volume - 1

Appendix I

Letter of Proposal

(On Applicant's letter head)

(Date and Reference)

To,

Sub: Appointment of Consultant for Preparation of “Comprehensive Mobility Plan for Dehradun, Rishikesh and Haridwar with focus on Metropolitan Area”.

Dear Sir,

With reference to your RFP Notification dated DD/MM/YY, I/we, having examined all relevant documents and understood their contents, hereby submit our Proposal for selection as Consultant for preparing “Comprehensive Mobility Plan Dehradun, Rishikesh and Haridwar with focus on Metropolitan Area”. The proposal is unconditional and unqualified.

1. I/We, (Applicant’s name) herewith enclosed the Financial Proposal for the selection of my/our firm as Consultant for above, and our total Price is _____ (Amount in words)
2. I/We, certify that we have an average annual turnover of Rs _____ (2014-2017) and the authenticated statement has been attached.
3. I/We, certify that we have experience under Instructions to Applicants and the authenticated statement has been attached at Appendix 2.
4. I/We agree that this offer shall remain valid for a period of 90(Ninety) days from the Proposal Due Date or such further period as may be mutually agreed upon.
5. All information provided in the Proposal and in the Appendices is true and correct and all documents accompanying such Proposal are true copies of their respective originals.
6. This statement is made for the express purpose of appointment as the Consultant for the aforesaid Project.
7. I/We shall make available to the Uttarakhand Metro Rail Urban Infrastructure & Building Construction Corporation Ltd any additional information it may deem necessary or required for supplementing or authenticating the Proposal.
8. I/We acknowledge the right of the Uttarakhand Metro Rail Urban Infrastructure & Building Construction Corporation Ltd to reject our application without assigning any reason or otherwise and hereby waive our right to challenge the same on any account whatsoever.

1. 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 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.
2. I/We declare that:
 - a. I/We have examined and have no reservations to the RFP Documents, including any Addendum issued by the Uttarakhand Metro Rail Urban Infrastructure & Building Construction Corporation Ltd;
 - b. 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, in respect of any tender or request for proposal issued by or any agreement entered into with the Uttarakhand Metro Rail Urban Infrastructure & Building Construction Corporation Ltd. or any other public sector enterprise or any government, Central or State; and
 - c. I/We hereby certify that we have taken steps to ensure that in conformity with the provisions of of the RFP, no person acting for us or on our behalf will engage in any corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practice.
 - d. I/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 Consultant, without incurring any liability to the Applicants in accordance with the RFP document.
3. 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.
4. **Performance Guarantee shall be 1% of the Consultancy fees to be submitted at the time of award of work within 28 days of Letter of Acceptance (LoA) by the successful applicant.**
5. I/We agree and understand that the proposal is subject to the provisions of the RFP document. In no case, shall I/we have any claim or right of whatsoever nature if the Consultancy for the Project is not awarded to me/us or our proposal is not opened or rejected.
6. A Power of Attorney in favor of the authorized signatory to sign and submit this Proposal and documents is attached.
7. The Financial Proposal is being submitted in a separate cover.

16. I/We agree and undertake to abide by all the terms and conditions of the RFP Document. In witness thereof, I/we submit this Proposal under and in accordance with the terms of the RFP Document.

Yours faithfully,

(Signature, name and designation of the authorized signatory)

Appendix II

Approach & Methodology specific to the project (Not more than 2 pages)

Technical approach, methodology and work plan are key components of the Technical Proposal. You are suggested to present your Technical Proposal (maximum of 50 pages, inclusive of charts and diagrams for Full Technical Proposal and maximum of 10 pages if a Simplified Technical Proposal is used) divided into the following three chapters:

- a) Technical Approach and Methodology,
 - b) Work Plan, and
 - c) Organization and Personnel,
- a) **Technical Approach and Methodology.** In this chapter you should explain your understanding of the objectives of the assignment, approach to the services, methodology for carrying out the activities and obtaining the expected output, and the degree of detail of such output. You should highlight the problems being addressed and their importance, and explain the technical approach you would adopt to address them. You should also explain the methodologies you propose to adopt and highlight the compatibility of those methodologies with the proposed approach.
- b) **Work Plan.** In this chapter you should propose the main activities of the assignment, their content and duration, phasing and interrelations, milestones (including interim approvals by the Client), and delivery dates of the reports. The proposed work plan should be consistent with the technical approach and methodology, showing understanding of the TOR and ability to translate them into a feasible working plan. A list of the final documents, including reports, drawings, and tables to be delivered as final output, should be included here.
- c) **Organization and Personnel.** In this chapter you should propose the structure and composition of your team. You should list the main disciplines of the assignment, the key expert responsible, and proposed technical and support personnel. You shall also specify if you will be the lead firm in a joint venture or in an association with Sub-Consultants. For joint ventures, you must attach a copy of the joint venture agreement.]

Appendix III

Eligibility Criteria

Completed Comprehensive Mobility Plan (CMP) /Low Carbon Mobility Plan (LCMP)/ Integrated Mobility Plan (IMP) for urban areas.(„Similar Projects“) for cities of India.

Sl. No.	Name of Project (Size-Urban Domain)	Name of Client	Estimated capital cost of Project (Rs. in crore)	Payment of professional fees received by the Applicant (in Rs.)
(1)	(2)	(3)	(4)	(5)
1				
2				
3				
4				

The Applicant should provide details of only those projects that have been undertaken by it under its own name.

Certificate from the Statutory Auditor/Chartered Accountant OR Company Secretary/CFO of the Applicant

This is to certify that the information contained in Column 5 above is correct as per the accounts of the Applicant and/ or the clients.

Name of the audit firm:

Seal of the audit firm

Date:

(Signature, name and designation of the authorized signatory)

(Signature of the Authorized Signatory)

Supporting Documents:-

Duly signed by authorized signatory, copy of the following should be submitted as a proof

- Work completion certificate/ Copy of work order or copy of Memorandum of Agreement issued by the client for Table A

Completed/Ongoing urban transport project undertaken for Government of Uttarakhand

Sl. No	Name of Project	Date of issue of work order	Status
1			
2			

Supporting Documents:-

Duly signed by authorized signatory, copy of either one should be submitted as a proof:

- Work completion certificate/ Copy of work order or copy of Memorandum of Agreement issued by the client Copy of Work Order

(Signature of the Authorized Signatory)

Eligible Assignments of Applicant

Name of Applicant:	
Name of the Project:	
Particulars of the Project, including area:	
Description of services performed by the Applicant firm:	
Name of client and Address:(Indicate whether public or private entity)	
Name, telephone no. and fax no. of client's representative:	
Estimated capital cost of Project (in Rs. Crore):	
Payment received by the Applicant (in Rs. Crore):	
Start date and finish date of the services (month/ year):	
Brief description of the Project:	

Appendix IV

Curriculum vitae (CV) of Proposed Key Personnel's

Proposed Position [only one candidate shall be nominated for each position]: _____

2. Name of Firm [Insert name of firm proposing the expert]: _____

3. Name of Expert [Insert full name]: _____

4. Date of Birth: _____ Citizenship: _____

5. Education [Indicate college/university and other specialized education of expert, giving names of institutions, degrees obtained, and dates of obtainment]: _____

6. Membership in Professional Associations: _____

7. Other Trainings [Indicate significant training since degrees under 5 - Education were obtained]:

8. Countries of Work Experience: [List countries where expert has worked in the last ten years]: _____

9. Languages [For each language indicate proficiency: good, fair, or poor in speaking, reading, and writing]: _____

10. Employment Record [Starting with present position, list in reverse order every employment held by expert since graduation, giving for each employment (see format here below): dates of employment, name of employing organization, positions held.]:

From [Year]: _____ To [Year]: _____

Employer: _____

Positions held: _____

<p>11. Detailed Tasks Assigned</p> <p>[List all tasks to be performed under this assignment]</p>	<p>12. Work Undertaken that Best Illustrates Capability to Handle the Tasks Assigned</p> <p>[Among the assignments in which the expert has been involved, indicate the following information for those assignments that best illustrate the expert's capability to handle the tasks listed in line 11.]</p> <p>Name of assignment or project: _____</p> <p>Year: _____</p> <p>Location: _____</p> <p>Client: _____</p> <p>Main project features: _____</p> <p>Positions held: _____</p> <p>Activities performed: _____</p>
--	--

13. Certification:

I, the undersigned, certify to the best of my knowledge and belief that

- (i) this CV correctly describes my qualifications and my experience;
- (ii) I am not employed by the Executing /Implementing Agency;
- (iii) In the absence of medical incapacity, I will undertake this assignment for the duration and in terms of the inputs specified for me in the Personnel Schedule provided team mobilization takes place within the validity of this proposal or any agreed extension thereof;
- (iv) I am committed to undertake the assignment within the validity of Proposal;
- (v) I am not part of the team who wrote the terms of reference for this consulting services assignment;.

I understand that any willful misstatement described herein may lead to my disqualification or dismissal, if engaged.

Date: _____

[Signature of authorized representative of the firm]

Day/Month/Year

Full name of authorized representative: .

Appendix V

Format for Financial Statement

{On Firm's CA letterhead}

I hereby declare that I have scrutinized and audited the financial statement of M/s_____. The annual turnover of the Company/firm for the last three years from_____is as follows;

Year	Annual Turnover (Rs. Crore)	Net Worth (Rs. Crore)
2014-15		
2015-16		
2016-17		
Average of above (Applicable for Annual Turnover only)		

(Signed and Sealed by the Authorised Signatory)

Appendix VI

Format for Bank Guarantee

Bank Guarantee for Performance Security

To [The **Competent Authority**, Uttarakhand Metro Rail Urban Infrastructure Building Construction Corporation Ltd]

In consideration of Competent Authority acting on behalf of the Amravati Metro Rail Corporation Limited (hereinafter referred as the "**Uttarakhand Metro Rail Urban Infrastructure Building Construction Corporation Ltd**"), which expression shall, unless repugnant to the context or meaning thereof, include its successors, administrators and assigns) having awarded to M/s....., (mention name of selected consultant here) having its office at (hereinafter referred as the "Consultant" which expression shall, unless repugnant to the context or meaning thereof, include its successors, administrators, executors and assigns), vide the Uttarakhand Metro Rail Urban Infrastructure Building Construction Corporation Ltd 's Agreement No dated valued at Rs(Rupees _____), (mention Consultancy fee amount here) (hereinafter referred to as the "Agreement") Consultancy Services for Comprehensive Mobility Plan for Dehradun, Rishikesh and Haridwar with focus on Metropolitan Area and the Consultant having agreed to furnish a Bank Guarantee amounting to Rs (Rupees _____) (mention Bank Guarantee amount here) to the Uttarakhand Metro Rail Urban Infrastructure Building Construction Corporation Ltd. for performance of the said Agreement.

1. We, _____ (mention name and registered office address of the Bank) and one of its branches at _____ (hereinafter referred to as the "Bank") at the request of the Consultant do hereby undertake to pay to the Uttarakhand Metro Rail Urban Infrastructure Building Construction Corporation Ltd. an amount not exceeding Rs. (Rupees _____) (mention Bank Guarantee amount here) against any loss or damage caused to or suffered or would be caused to or suffered by the Uttarakhand Metro Rail Urban Infrastructure Building Construction Corporation Ltd by reason of any breach by the said Consultant of any of the terms or conditions contained in the said Agreement.
2. We, _____ (indicate the name of the Bank) do hereby undertake to pay the amounts due and payable under this Guarantee without any demur, merely on receipt of a written demand from the Uttarakhand Metro Rail Urban Infrastructure Building Construction Corporation Ltd stating that the amount claimed is due by way of loss or damage caused to or would be caused to or suffered by the Uttarakhand Metro Rail Urban Infrastructure Building Construction Corporation Ltd by reason of breach by the said Consultant of any of the terms or conditions contained in the said Agreement or by reason of the Consultant's failure to perform the said Agreement. Any such demand made on the bank shall be conclusive as

regards the amount due and payable by the Bank under this Guarantee. However, our liability under this Guarantee shall be restricted to an amount not exceeding Rs (Rupees _____).

3. We, _____ (indicate the name of Bank) undertake to pay to the Uttarakhand Metro Rail Urban Infrastructure Building Construction Corporation Ltd any money so demanded not exceeding the aggregate sum of INR _____ (mention Bank Guarantee amount here) notwithstanding any dispute or disputes raised by the Consultant in any suit or proceeding pending before any court or tribunal relating thereto, our liability under this present being absolute and unequivocal. The payment so made by us under this Guarantee shall be a valid discharge of our liability for payment there under and the Consultant shall have no claim against us for making such payment.
4. We, _____ (indicate the name of Bank) further agree that the Guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said Agreement and that it shall continue to be enforceable till all the dues of the Uttarakhand Metro Rail Urban Infrastructure Building Construction Corporation Ltd under or by virtue of the said Agreement have been fully paid and its claims satisfied or discharged or till the Uttarakhand Metro Rail Urban Infrastructure Building Construction Corporation Ltd certifies that the terms and conditions of the said Agreement have been fully and properly carried out by the said Consultant and accordingly discharges this Guarantee or till the expiry date _____ whichever is earlier. Unless a demand or claim under this Guarantee is made on us in writing on or before a period of one year from the date of this Guarantee i.e. _____, we shall be discharged from all liability under this Guarantee thereafter.
5. We, _____ (indicate the name of Bank) further agree with the „Uttarakhand Metro Rail Urban Infrastructure Building Construction Corporation Ltd² that the „Uttarakhand Metro Rail Urban Infrastructure Building Construction Corporation Ltd² shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the said Agreement or to extend time of performance by the said Consultant from time to time or to postpone for any time or from time to time any of the powers exercisable by the Uttarakhand Metro Rail Urban Infrastructure Building Construction Corporation Ltd against the said Consultant and to forbear or enforce any of the terms and conditions relating to the said Agreement and we shall not be relieved from our liability by reason of any such variation, or extension being granted to the said Consultant or for any forbearance, act or omission on the part of the Uttarakhand Metro Rail Urban Infrastructure Building Construction Corporation Ltd or any indulgence by the Uttarakhand Metro Rail Urban Infrastructure Building Construction Corporation Ltd to the said Consultant

or any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have the effect of so relieving us.

6. This Guarantee will not be discharged due to the change in the constitution of the Bank or the Consultant(s).
7. We, _____ (indicate the name of Bank) lastly undertake not to revoke this Guarantee during its currency except with the previous consent of the Uttarakhand Metro Rail Urban Infrastructure Building Construction Corporation Ltd in writing.
8. For the avoidance of doubt, the Bank's liability under this Guarantee shall be restricted to Rs. *** crore (Rupees ***** crore) (mention Bank Guarantee amount here) only. The Bank shall be liable to pay the said amount or any part thereof only if the Uttarakhand Metro Rail Urban Infrastructure Building Construction Corporation Ltd serves a written claim on the Bank in accordance with paragraph 2 hereof, on or before [mention the expiry date of this Guarantee here)].

Notwithstanding anything contained herein above:

- I. Our liability under this Bank Guarantee shall not exceed **Rs.** _____ (mention Bank Guarantee amount here)
- II. This Bank Guarantee shall be valid up to _____ (mention the expiry date of this Guarantee here) and
- III. We are liable to pay the guaranteed amount or any part thereof under this Bank Guarantee only and only if you serve upon us a written claim or demand at _____ (name address of branch of issuance) on or before _____ (mention the expiry date of this Guarantee here)

For

Name of Bank:

Seal of the Bank:

Dated, the day of , 20

(Signature, name and designation of the authorized signatory)

NOTES:

- 1) The Bank Guarantee should contain the name, designation and code number of the officer(s) signing the Guarantee.
- 2) The address, telephone no. and other details of the Head Office of the Bank as well as of issuing Branch should be mentioned on the covering letter of issuing Branch.

Financial BID

Volume - 2

Appendix VII

Format for Financial Proposal / Price Bid

Name of Work: Preparation of Comprehensive Mobility Plan (CMP) for Dehradun, Rishikesh and Haridwar with focus on Metropolitan Area

Item No.	Item Description	Quoted Fee/Rate (excluding applicable taxes and levies)	Rate in Words
1	Preparation of revised Comprehensive Mobility Plan (CMP) for Dehradun, Rishikesh and Haridwar with focus on Metropolitan Area		

AUTHORIZED SIGNATORY

For and on behalf of the Applicant

Date: _____

