

Replies of Pre-proposal Queries

In response to the EOI floated by Chennai Unified Metropolitan Transport Authority (CUMTA) for the consultancy services for “Updation of Comprehensive Mobility Plan for Chennai Metropolitan Area, CUMTA has received queries from the prospective bidders. The queries were discussed in detail during the pre-proposal meeting held at 15:00 hrs on 10th October 2022 at CUMTA Office, Chennai.

This document contains the queries and response of CUMTA on the same.

Reply of Pre-proposal Queries from LEA Associates South Asia Pvt. Ltd.

SN	Clause No./Page No. on EOI/Terms of Reference	Description	Query	Reply
1.	Section 3.2: Project Background and Section 3.4 Scope of Work	Consultants understand that, the Study area considered in the previous CMP Study was 1,189 sq.km and CMP was prepared in 2019 with a 30-year horizon period (till the year 2048). In the present CMP updation study, the study area to be considered is 5,904 sq.km with a planning horizon period of 25 years.	Consultants are of the opinion that, year 2023 to be considered as Base Year as most of the primary surveys shall be carried out in 2023 and period up to 2051 as horizon period for travel demand modelling & network analysis. Please confirm	The base year for CMP will be 2023-24 and the horizon period of 25 years is to be considered i.e., till 2048-49.
2.	Section 3.2: Project Background and Task 1: Project Delivery Planning and Methodology, Task 1.1: Mapping the Study Area	It is mentioned that “The Chennai Metropolitan Area is proposed to be expanded to 5,904 sqkm covering the districts of Chennai, Kancheepuram, Thiruvallur and Chengalpattu”.	Consultants request for providing constituent parts, approximate areas and image showing the extents of the CMA area i.e., 5,904 sqkm. This will be useful in understanding and assessment of extent of primary traffic & transportation surveys to be carried out for the Updation of CMP study	The details will be provided in RFP document.
3.	Section 3.4: Scope of Work	It is mentioned that “The focus of the plan should be on structuring growth in the	Consultant request for providing additional details/ information on the	The location and extent of the Satellite Town/ New

		CMA region wherein Chennai function as main focal center and other satellite towns/growth areas in the vicinity as nodes.”	proposed Satellite towns/growth areas planned, if any	Towns /Growth Centers will be provided in RFP document.
4.	Task 3: Data Collation and Mapping of Data; Task 3.2.4 Public Transport Passenger on Board Survey	Primary survey data mentioned under Task 3.2.4.: On-board Public Transport OD Surveys would provide limited information	<p>Consultants are of the opinion that, for developing Travel assignments, both roadway and public transport, for the existing scenario should be done for both peak and off-peak hours as mentioned under Task 5: Update of Transport Demand Model would require detailed secondary data of various public transport modes and primary survey data.</p> <p>Hence, Consultants suggest for on-board boarding & alighting surveys, boarding & alighting surveys at major public transport stations/ stops, etc. on sample basis so that, we can generate the required information for validation of travel demand and subsequently calibration of travel demand models. PI confirm.</p>	Suggestion accepted. The survey will be incorporated in RFP document.
5.	Task 2.3 Review of Land Use Plan	It is mentioned that, “Data on existing land use and land use plans should be reviewed/collected for the old and extended study area. In particular, new development areas that will affect	Consultants are of the opinion that, preparation of Base GIS map from primary survey is going to be high time and resource consuming activity. Hence, Base GIS map shall be prepared from the secondary	Base GIS map (for the existing 1189 sq.km) shall be provided to the Consultant.

		transport demand in the study area should be inventoried and summarized.”	sources/ studies. PI confirm the same. Consultants also request for status on availability of Satellite imagery and GIS data layers from the ongoing AMRUT mission and for area extents for which the said data is available.	The list of data available will be provided in RFP document.
6.	Task 3.2 Data Collection, Task 3.2.1 Household Survey	Time and monetary resource required for organisation and analysis of Household survey is expected to be huge	Consultants request for specifying the sample size i.e., percentage of households of the Base Year (2023) to be covered for Household survey.	The details will be provided in RFP document.
7.	Task 3.2 Data Collection, Task 3.2.2 Classified Vehicle Counts (at cordon and mid-block)	It is mentioned that, “The classified traffic volume and occupancy counts of all motorised vehicles, non-motorised vehicles, and pedestrians should be carried out at critical links and intersections for 16 hours (06:00 to 22:00 hours) over minimum 3 days (with 1 weekday and 1 weekend) and should be conducted for each direction separately.”	Consultants are of the opinion that, generally inter-city freight vehicle movement would be high during the night time. Considering this, it would be prudent to go for classified traffic volume count survey (Motorised and non-motorised vehicles) for 24-hours. However, non-motorised counts can be for 16 hours per day (from 6:00 to 22:00). PI clarify.	Suggestion accepted for the freight traffic count (24 Hours). Survey details will be provided in RFP document.
8.	Task 2.1 Review of Existing CMP	It is mentioned that, “The consultant shall review the plans, proposals and recommendations, including the analytical and modelling work undertaken during the preparation of CMP with respect to the objectives stated in section 3.3, and make recommendation for	Consultants request for availability of the following from the previous CMP study with the Client: a) Database on secondary data collecting during the previous CMP study (Census population, workforce, employment from economic census, Vehicle registration data, accident data,	Data of CMP 2018 will be provided to the Consultant. The list of data available will be mentioned in RFP document.

		adjustments as appropriate in a stand-alone report.”	environmental statistics, etc.) b) Soft copies of the Traffic Analysis Zoning (TAZ) system, planning parameters (Population, workforce, employment, resident students, school/ college enrolment, etc.) at TAZ level for the Base Year and Horizon Years, database on Home Interview Survey (HIS), database on classified traffic volume counts & OD surveys carried out outer cordon and screen line locations, classified traffic volume counts carried out at other intersection/ mid-block/ level crossing locations, etc., analysis of other primary traffic & transportation survey data, database on existing and proposed transport network in GIS platform, database on public transport route characteristics covering existing and proposed, etc. developed during the previous CMP study c) Database on existing and proposed land use considered in the travel demand & network analysis for the Base Year and Horizon Years d) Complete documentation on the work carried out on calibration and validation of travel demand models (Internal passenger travel demand)	
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			during the previous CMP study e) Database developed for assessment of internal goods vehicle travel demand for the Base Year and Horizon years	
9.	Task 3.2 Data Collection	Task 3.2 Data Collection	Consultants request for providing the mentioned standards and licensing agreements for collecting and collating all the data.	The details are given in the Revised EOI & ToR document. Refer Section VI & VII, Pg. 25.
10.	Task 4.2 Calculating Key Performance Indicators	It is mentioned that, "The consultant will also display and compare major KPIs and results across different traffic area zones, using a dynamic tool to be provided to CUMTA."	Consultants shall include the cost of the dynamic tool (if procured) in Financial Proposal. PI confirm the same.	Yes
11.	General requests		Consultants request for addressing the following aspects in the Terms of Reference to have fair understanding on the resources that would be required to deliver the study: a) Study period b) Study team requirements (Key and Support Professionals) along with indicative man-months c) Study deliverables and time lines d) Indicative number of workshops to be organised and the time lines e) Indicative budget assessed for the study f) Issuing of updated ToR reflecting the outcomes from the Pre-Consultation meeting	The tentative team composition details are given in the Revised EOI & ToR document. Refer Section V, Pg. 25. The timeline will be max 18 month. Other details requested will be provided in RFP document.

Reply of Pre-proposal Queries from Urban Mass Transit Company

SN	Clause No./Page No. on EOI/Terms of Reference	Description	Query	Reply
Urban Mass Transit Company				
1.	Page No. 2 of 3 Point No. 6	Responses to Expression of Interest (EOI) shall not guarantee shortlisting or disqualification and any entity which has not submitted an Expression of Interest (EOI) shall also be allowed to participate in the Request for Proposal (RFP) stage	We request to remove the clause that “any entity which has not submitted an Expression of Interest (EOI) shall also be allowed to participate in the Request for Proposal (RFP) stage”. Kindly confirm. Only the shortlisted consultants from EOI stage may be allowed for the RFP stage. Kindly consider.	The clause has been revised and the consultants will be shortlisted at EOI stage for RFP. The eligibility criteria are mentioned in the Revised EOI & ToR document. Refer Pg.no. 2, clause 6.
2.	Page No. 2 of 3 Point No. 10	1.2. Organizational Structure 1.5. Consulting Organization’s overall organizational structure	We understand that both the criteria are same and hence, request you to kindly remove one of the points. Please confirm.	The clause has been revised. Refer Pg.no. 2, clause 6 of Revised EOI & ToR document.

Reply of Pre-proposal Queries from Egis

SN	Clause No./Page No. on EOI/Terms of Reference	Description	Query	Reply
1.	Para 9, Page 2 of REOI notice	9. Eols can be submitted both in hard and soft copies within the stated deadline. If being send only in soft copy,	We understand that EOIs can be submitted through e-mail as well in PDF file, please confirm.	The EOI has to be submitted in hard copy only with attestation. Refer Pg.no. 2,

		all pages need to be signed and scanned when sending		Clause no. 7 of Revised EOI & ToR document
2.	Para 9, Page 2 – 3 of REOI notice	10. Each EOI needs to include following elements: 1.9. Submit financial audit report with annual turnover of the last 3 years	We understand that audited financial statements along with turnover details for last 3 years (FY 2018-19, FY 2019-20 & FY 2020-21) would be submitted, please confirm. <i>You may also indicate the min. turnover requirement for qualification.</i>	Refer Pg. no 3, Clause 8.5 of Revised EOI & ToR document
3.	3.4 Scope of work, Task 2.1, Page 5 of Terms of Reference	Task 2 Review of Existing CMP and Urban Transport System of Extended Area and Establish Key Performance Indicators Consultant will be provided with the relevant traffic data in the available format. (Model in Cube Format)	Is there any mandatory software type to be used for updation / re-development of the city level model with new area or the consultant shall have flexibility to choose any from the state of art modelling software available, <i>please clarify.</i>	Software details will be provided in the RFP.
4.	3.4 Scope of work, Task 4.2, Page 13 of Terms of Reference	Task 4 Task 4 Analysis, Update and Benchmarking of Key Performance Indicators “Consultant will develop and compare major KPIs and results across different TAZs using the dynamic tool”	Is it the same tool which needs to be updated, or a separate new tool/app to be prepared from scratch by the consultant / sub consultant / app developer. <i>(Developer may have its own set of queries on this), please clarify.</i>	The consultant has to prepare new tool.
5.	Addl. Query in ToR	Listed KPIs	Apart from the KPIs, the service level benchmarking can be one of the additional tasks / sub tasks against	Consultant can define the benchmark for the KPIs

			which the KPIs can be measured, please confirm.	
6.	Addl. Query in ToR	KPI mentions: <ul style="list-style-type: none"> • Reduced delay at major intersection for 2 wheelers and cars • Fuelling station density • Private electric vehicle charging point density 	While the overall objective can be to make the junctions safer and roads less congested, however specifying reduced delay for personalised modes such as 2 wheelers and cars can be on the contrary to the project objective to move people and not vehicles, please confirm.	The suggestion is noted. The relevant KPIs will be amended accordingly in RFP document.

Reply of Pre-proposal Queries from IBI Group India Private Ltd.

SN	Clause No./Page No. on EOI/Terms of Reference	Description	Query	Reply
1.	Page 1 of ToR	The Chennai Metropolitan Area is proposed to be expanded to 5904 sq.km covering the districts of Chennai, Kancheepuram, Thiruvallur and Chengalpattu	What would be the expected timeline to complete the project?	The timeline will be max 18 month.
2.	Page 1 of ToR	The Chennai Metropolitan Area is proposed to be expanded to 5904 sq.km covering the districts of Chennai, Kancheepuram, Thiruvallur and Chengalpattu	'What is the estimated amount of CMP consulting services	Indicative man month details and surveys will be mentioned in the RFP document
3.	Page 1 of ToR	The Chennai Metropolitan Area is proposed to be expanded to 5904 sq.km covering the districts of Chennai,	'We request you to provide the boundary map of 5904 sq. km	The map shall be provided in RFP document.

		Kancheepuram, Thiruvallur and Chengalpattu		
4.	Page 1 of ToR	A Comprehensive Mobility Plan (CMP) for Chennai Metropolitan Area (CMA) spread over an area of 1189 sq.km. was prepared in 2019 following the National Urban Transport Policy (NUTP) Guidelines	We request you to provide the list of recommendations implemented as suggested in CMP (developed in 2019)	Consultant shall review the Chennai CMP 2018 report. The report is available in public domain.
5.	Page 2 of REOI	Responses to Expression of Interest (EOI) shall not guarantee shortlisting or disqualification and any entity which has not submitted an Expression of Interest (EOI) shall also be allowed to participate in the Request for Proposal (RFP) stage.	'Can we change the JV member during RFP proposal submission stage?	The JV member cannot be changed at RFP stage. Refer Pg. no 4, Clause no. 15 of Revised EOI & ToR document

Reply of Pre-proposal Queries from SYSTRA

SN	Clause No./Page No. on EOI/Terms of Reference	Description	Query	Reply
1.	3.4 Scope of Work: Task 1.4 Survey Plan Page No. 4	The plan shall build on recent traffic surveys carried as part of the road safety work for CSCL.	Extent of Surveys carried out as part of the road safety work for CSCL may please be indicated.	The details will be provided in RFP document
2.	3.4 Scope of Work: Task 3.2.1 Household Survey Page No. 10	The consultant will collect data on travel characteristics and trip diary of residents and general characteristics of the household influencing trip making.	We understand that the Household Survey to be conducted only in the Expanded Area (around 4715 sq. km) and no fresh surveys required in the area covered in the previous CMP. Kindly confirm.	Consultant shall review the CMP document 2018 and identify the gaps to finalise the survey requirement.

3.	Suggestion	Team Composition	<p>We suggest to include below in team composition.</p> <ol style="list-style-type: none"> 1. Team Leader 2. Dy. Team Leader 3. Senior Public Transport Planning Specialist 4. Traffic Modeller 5. Senior Urban Planner (Land-use & Transport) 6. Urban Infrastructure Planner 7. Climate Change cum Environmental Expert 8. Social Safeguard Expert 9. Transport Economist 10. Transport Finance Specialist 11. Urban Design Expert 12. GIS Technician 13. CAD Technician <p>Survey Expert</p>	Refer Pg. no 24, Section V of Revised EOI & ToR document, Team composition is provided.
4.	Suggestion	Duration of the study	Considering the scope of works, we believe at least 20-24 months is the right duration of such study	The study duration will be max 18 months
5.	Request	Request	We believe sufficient time will be provided (at least 3 weeks) after clarifications issued.	The EOI submission dates has been extended till 14 th November 2022.

Reply of Pre-proposal Queries from AECOM

SN	Clause No./Page No. on EOI/Terms of Reference	Description	Query	Reply
1.	Clause no. 5 of EOI	EOI responses should reach the following address on or before 15:00 hrs on 21.10.2022.	You are requested to extend the submission date for two weeks i.e., till 4 th November 2022	The EOI submission dates has been extended till 14 th November 2022.
2.	Clause no. 10/1.3 of EOI	Information on Manpower with qualifications, technical and professional competence necessary for successful implementation of the assignment	Please specify the key professional required by the Authority for the said project.	Refer Pg. no 24, Section V of Revised EOI & ToR document
3.	Clause no. 10/1.7	List Consultant's direct experience in projects related CMP, stakeholder & public consultations, benchmarking of key performance indicators.	Please accept alternative qualifications outside direct experience in CMP such as Comprehensive Transport Studies, etc.	The eligibility criteria are mentioned in the Revised EOI & ToR document. Refer Pg.no. 2, clause 6.
4.	TOR Task 3.2.1	Household Survey	Kindly clarify the required sample sizes for Household surveys.	The survey sample size will be given in the RFP document

Reply of Pre-proposal Queries from Jana Urban Space Foundation (India)

SN	Clause No./Page No. on EOI/Terms of Reference	Description	Query	Reply
1.	Page 2 of 3 (EOI Document) Clause No.8	CUMTA will host a meeting, the dates for which will be announced later. The purpose of the meeting is to invite consultants to share their feedback on ToR and present their experience in similar projects. The meeting shall be a	Requesting that a date for the meeting be announced for consultants to prepare in good time. Also requesting for a VC for the same.	At the present EOI process, no presentation is required. However, it may be required in the RFP process.

		platform for the consultants to showcase their experience and skills through their work in the mobility planning sector. Provide the consulting firms with any clarifications regarding the Terms of Reference and will provide the consultancy firms an opportunity to present their work.		
2.	Page 2 of 3 (EOI Document) Clause no. 10	Each EOI needs to include following elements: 1.1. A cover letter expressing interest in the services 1.2. Organizational Structure 1.3. Information on Manpower with qualifications, technical and professional competence necessary for successful implementation of the assignment 1.4. Consulting Organization's overall profile 1.5. Consulting Organization's overall organizational structure	Requesting clarification on if 1.2 and 1.4 need to differ from one another	The clause has been revised. Refer Pg.no. 2, clause 6 of Revised EOI & ToR document.
3.	Request	Request	Requesting clarification on whether Joint Venture / Consortium is allowed? This is to allow a pool of experts to work on the plan with various expertise from around the country.	JV/Consortium is allowed

Reply of Pre-proposal Queries from RITES Limited

SN	Suggestion	Reply
1.	Online submission of EOI by authorised signatory by email should be considered sufficient, without the need for submission by hard copy.	The EOI has to be submitted in hard copy only. Refer Pg.no. 2, Clause no. 7 of Revised EOI & ToR document.
2.	The present EOI exercise should logically conclude in the short-listing of eligible bidders from amongst the responding firms submitting the EOI by the due date and time, who may be invited subsequently for the purpose of submitting detailed Technical + Financial bids in response to a suitable RFP.	The clause has been revised and the consultants will be shortlisted at EOI stage for RFP. The eligibility criteria are mentioned in the Revised EOI & ToR document. Refer Pg.no. 2, clause 6.
3.	The evaluation criteria in the proposed RFP may please be kept as QCBS, with 90 % weightage for Technical score, and 10 % weightage for financial score.	The criteria will be mentioned in the RFP document. Consultants' suggestion is noted.

Reply of Pre-proposal Queries from Walter P Moore

SN	Clause No./Page No. on EOI/Terms of Reference	Description	Query	Reply
1.	Task 2.1, Pg.no. 5 of ToR	Consultant will also be provided with Urban Travel Demand Model (UTDM) developed earlier (including the Highway, Public Transport Network, and Mode-wise O-D Matrices in CUBE platform). Consultant is required to calibrate and update the travel demand model for the expanded CMA.	VISSUM is equally competent and graphically more self-explanatory as compared to Cube. We request you to please consider updating the travel demand model option in the VISSUM software.	Software details will be provided in the RFP.

2.	Task 3.22, Pg.no. 11 of ToR	The classified traffic volume and occupancy counts of all motorized vehicles, non-motorized vehicles, and pedestrians should be carried out at critical links and intersections for 16 hours (0600 to 2200hours) over minimum 3 days (with 1 weekday and 1 weekend) and should be conducted for each direction separately.	Can we collect classified count data for 24 hrs. for outer cordon (One working day) and internal intersection 16 hrs.? (One working day).	Suggestion accepted for the freight traffic count (24 Hours). Details will be provided in RFP document
3.	Task 4.2, Pg.no. 13 of ToR	Based on the predefined indicators in Task 2.4, the consultant shall utilize the collected data to evaluate KPIs for the baseline year for CMA.	We are assuming that additional count and OD data is required only for validation purpose. The data for estimating performance indicators in the base year for Chennai city area can be forecasted from the available 2019 data. Please confirm?	Consultant shall review the CMP document 2018 and identify the gaps to finalise the survey requirement.
4.	Task 5, Pg.no. 14 of ToR	The developed travel models should reflect the travel behaviour of different income and social groups for different trip purposes.	Could you please confirm if the available travel demand model is developed at disaggregate level based on various income groups/ socio economic groups/gender wise / purpose-wise, etc.?	The existing model (CMP 2018) is not developed at disaggregate level.
5.	Task 5, Pg.no. 14 of ToR	Travel assignments, both roadway and public transport, for the existing scenario should be done for both peak and off-peak hours.	Could you please confirm if the available travel demand model is also built for off peak scenario?	The existing model (CMP 2018) is built for the peak hours only.

Reply of Pre-proposal Queries from Grand Thornton

SN	Clause No./Page No. on EOI/Terms of Reference	Description	Query	Reply
1.	Page 2, Clause 6 of REOI	It is our understanding that the firms not submitting the Eol can still submit RfPs when called, at a later stage	<ol style="list-style-type: none"> 1. We submit to you that the said clause may weaken and water down the purpose / intent of the Eol. 2. Kindly consider amending the clause to mean that the firms submitting the Eol shall be given an opportunity to submit their proposals for the RfPs at a subsequent stage 	<p>The clause has been revised and the consultants will be shortlisted at EOI stage for RFP.</p> <p>The eligibility criteria are mentioned in the Revised EOI & ToR document. Refer Pg.no. 2, clause 6.</p>
2.	Page 1, General Information concerning Clauses 1,2 and 3 of ToR	Timeline for the vision document of master plan to be complete	<ol style="list-style-type: none"> 1. Since it is necessary for the CMP to consider the population & mobility preferences in the extended CMDA area, we wish to understand if you are looking at a timeline for the vision document of master plan to be complete 2. We will also be prepared to know if you have an estimated timeline for the RfP publication (Supposing that it syncs with the Vision Document of the Master Plan) 	<p>The vision document study has already been initiated and the expected timeline for the study completion is around June'2023. Please note that the vision exercise only for 1189 sq.km.</p> <p>The CMP study is expected to start by January 2023</p>
3.	Page 2, Clause 7 of REOI	Submission of documents in response to the Eol call – Documents required for Joint Ventures	We request that you let us know, what documents are required for submission, in the case of Joint Venture partnerships. Will a Memorandum of Understanding (MoU) for the project,	Refer Pg.no.3, Clause 8 of Revised EOI and ToR document.

			signed by the Authorized Signatories be adequate?	
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