

Replies to the additional queries received after the prebid meeting held on 06.10.2025 at 11.00 am for "Consultancy services for Monitoring of Projects through Remote methodologies for the projects taken up under KfW assisted Sustainable Municipal Infrastructure Financing Tamil Nadu - III and Tamil Nadu Urban Development Fund (TNUDF) under KfW assisted Tamil Nadu Sustainable Municipal Infrastructure Financing Phase III"

S. No	Clause Reference to RFP	Queries	Reply
1.	Section II Data Sheet Pg no. 59	For preparing and submitting a comprehensive response to the RFP, we request you to provide an <u>extension of at least 4 weeks</u> . This additional time would allow us to develop a comprehensive and competitive proposal.	Please refer Addendum/Corrigendum to RFP – II issued.
2.	Section VII I- Background Pg no. 95	We assume that for integrating the UTIS with Remote Monitoring Module, we will be provided the necessary access to the existing UTIS application and its components (such as database schema, infrastructure details, hosting environment details, etc). Please Confirm.	Yes, necessary support will be provided by the officials of DMA. Also, please refer S. No. 28.
3.	Section VII I- Background Pg no. 95	Please confirm if the consultant needs to develop the API for interlinking.	Consultant to visit the site, study and propose suitable methodology/hardware/software/API/ Other integration facilities on as required basis for integrating the same, if required API shall be developed by the System Integrator as Part of Phase 2, on as required basis.
4.	Section VII III- Scope of Study Pg no. 96	We assume, both global and national case studies will be acceptable, kindly clarify the same.	International also be taken for case study, however, National case studies are preferable.

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5.	Section VII III- Scope of Study Pg no. 96	Please confirm whether any datasets related to remote monitoring of physical progress under KfW and TNUDF-funded works are available through technologies such as field information systems, CCTV, drone imagery, satellite monitoring, or other sources. If available, kindly provide detailed information on each dataset, including: • Type of data (e.g., imagery, video, geospatial, sensor data) • Size and format • Accuracy and resolution Frequency of updates	Available information in available format will be provided to the successful bidder.
6.		Please confirm whether any software or platform currently exists for processing and visualizing drone/satellite imagery/ GIS data. If present kindly provide details of the software in terms of the name, version and any license as applicable.	Please refer S. No. 28
7.	Section VII III- Scope of Study Pg no. 96	It is assumed that the client already possesses the location details and other relevant information regarding the existing cameras installed for monitoring purposes. Kindly confirm.	Please refer S. No. 28
8.	Section VII III- Scope of Study Pg no. 96	We request you to kindly elaborate on the existing standards that are being followed and the time period for updating the datasets.	Consultant to study and suggest the time for updating based on the site conditions and nature of the project.
9.	Section VII III- Scope of Study Pg no. 97	Please specify the desired time intervals for capturing these data.	Please refer S. No. 8
10.	Section VII III- Scope of Study Pg no. 98	We understand that the scope of work may involve preparing reports such as the Draft Report for the Remote Monitoring (RM) System, application development plan, and API integration strategy with UTIS, including recommendations for RM mechanisms, EHS parameters, and standards.	Yes. Also, please refer

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		However, the statement regarding handing over the source code of the developed application seems to imply actual development and implementation. Kindly confirm whether the scope is limited to preparation of reports and recommendations only, with no requirement for application development or implementation	Addendum/Corrigendum to RFP - II
11.	Section VII III- Scope of Study Pg no. 98	We understand that cloud hosting and infrastructure cost shall be borne by Client. Please confirm.	Please refer S. No. 25
12.	Section VII III- Scope of Study Pg no. 98	Please clarify whether any existing redundancy and backup environment is currently in place to prevent data loss and ensure business continuity	Please refer S. No. 28
13.	Section VII VI- Key professionals Pg no. 99	We understand that project resources will primarily operate remotely and will travel to site locations only as required, based on specific project needs and milestones.	Yes
14.	Part – III Draft Consulting Contract General condition Pg no. 5	We understand that all the IPs owned by consultant prior to commencement of the project shall continue to be with consultant. Please confirm.	It will be shared on as required basis.
15.	Part – III Draft Consulting Contract General condition Pg no. 14	We understand that independence restriction is limited to direct downstream work arising out of this contract. Please confirm.	Yes
16.	Part – III Draft Consulting Contract General condition Pg no. 14	We request you to revise the clause as follows: 4.2.1 If the Consultant culpably fails to perform any of the Services within the respective time agreed for such Services, the Consultant shall, except to the extent that the Special Conditions include a stipulation to the contrary, be obliged to pay to the Employer a penalty in an amount of 0.25% of the contract value for every week of delay, subject to an overall cap of 5% of the contract value. Any claims which the Employer may have as a consequence of such delay (if any)	No Change, RFP conditions are confirmed

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		shall be deemed to be settled by such payment. The foregoing shall be without prejudice to the Employer's right of termination pursuant to Paragraph 4.6.2 [<i>Suspension and Termination</i>].	
17.	Part – III Draft Consulting Contract General condition Pg no. 29 “Special Conditions of Contract”	We request you to revise this clause as follows: Ad 6.3: Period of liability The Consultant's liability shall terminate after the final acceptance of the reports.	No Change, RFP conditions are confirmed
18.	Part – III Draft Consulting Contract General condition Pg no. 29 “Special Conditions of Contract”	We understand that Firm level insurance covering the required liabilities will suffice. Please confirm if that understanding is correct or we need to take a separate project level insurance.	Please refer Part II Special conditions, Ad Article 7: Insurance
19.	Qualification criteria Page no. 18-19	Our understanding is that, to obtain the maximum marks under this criterion, a consultant would need to submit a total of six (6) similar assignments i.e., three assignments under 1.2(b) (for 35 marks) and an additional three assignments under 1.3(c) (for an additional 15 marks, 5 marks each). Kindly clarify.	Yes, Bidders shall list the relevant assignments along with the proof of completion from the client.
20.	Qualification criteria Page no. 18-19 1.2	Kindly clarify how many project references are required under this clause to obtain the full 5 marks. Specifically, we wish to confirm whether a single relevant project would be sufficient, or if multiple project references are required to achieve full marks.	Each individual assignment carries 1 mark. Bidders shall list the relevant projects for fulfilling the criteria.
21.	Qualification criteria Page no. 18-19 1.3	Kindly clarify how many project references are required under this clause to obtain the full 5 marks. Specifically, we wish to confirm whether a single relevant project would be sufficient, or if multiple project references are required to achieve full marks.	For minimum one completed assignment 3 marks will be provided, additional assignments carry 1 mark each.

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			Bidders shall list the relevant projects for fulfilling the criteria.												
22.	Section III. Technical Proposal – Standard Forms Page no. 62	We would like to kindly request clarification on the following points: - Whether there are no page limits prescribed for these forms, or - If the page limits were omitted inadvertently and will be specified in an upcoming corrigendum/addendum. This clarification will help us prepare our proposal in line with the Employer’s expectations and ensure compliance with the submission requirements.	No page limits, however bidders are advised to showcase only the relevant projects pertaining to this assignment												
23.	Section VII. Terms of Reference Page no. 95-99	The ToR mentions that the consultant shall “develop a Remote Monitoring system on a pilot basis as Phase 1” and “prepare bid documents for implementing the Remote Monitoring system on a pilot basis as Phase 1”. However, this creates some ambiguity regarding the extent of the consultant’s deliverables. Please confirm whether the <u>consultant’s role under this assignment is limited to conducting the feasibility study, preparing the conceptual design/application architecture, and preparing the bid documents for subsequent implementation (by others), and does not include the actual software development, pilot implementation, or system deployment of the Remote Monitoring System itself.</u>	Yes												
24.	VI. Outputs and related payment schedule: Page no. 99	We request the client to modify the payment terms as below <table border="1"> <thead> <tr> <th>S. No.</th><th>Stage of Report</th><th>Timeline</th><th>Related Payments</th></tr> </thead> <tbody> <tr> <td>1</td><td>Mobilization Advanced</td><td>At the time of issuance of LoI</td><td>10 %</td></tr> <tr> <td>2</td><td>Conceptual Report with methodology, technology to be adopted, modules, block cost</td><td>Four weeks from the date of issue of LoI</td><td>10 %</td></tr> </tbody> </table>	S. No.	Stage of Report	Timeline	Related Payments	1	Mobilization Advanced	At the time of issuance of LoI	10 %	2	Conceptual Report with methodology, technology to be adopted, modules, block cost	Four weeks from the date of issue of LoI	10 %	No change, RFP conditions are confirmed.
S. No.	Stage of Report	Timeline	Related Payments												
1	Mobilization Advanced	At the time of issuance of LoI	10 %												
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			estimates, case studies, etc.			
		3	Draft report for RM System and Application development along with API integration to existing UTIS – Selection of RM mechanism at specific sites including Parameters to be monitored for EHS aspects and its standards for effective monitoring	Eight weeks from the date of approval of Conceptual Report.	30 %	
		4	Final report for RM system and Application development and API integration in UTIS.	Six weeks from the date of approval of Application.	25 %	
		5	Preparation of Draft Bid documents for (Phase -1) for implementation of Remote Monitoring system for selected sites on Pilot basis along with the Hardware and Software standards and requirements.	Four weeks from the date of approval of Final Completion Report.	10 %	
		6	Preparation of Final Bid documents for (Phase -1) for implementation of Remote Monitoring system for selected sites on Pilot basis along with the Hardware and Software standards and requirements.	Two weeks from the date of approval of Final Completion Report.	15 %	
25.	Section VII. Terms of Reference Page no. 98	Is the consultant expected to only recommend cloud infrastructure specifications, or are they also responsible for procuring/ arranging cloud hosting services till 2030? If the latter, should this cost be included in the bid or will it be borne separately by the client.				Consultant scope is only to study and suggest strategies which fulfils the scope of work.
26.	Section VII. Terms of Reference	The ToR requires monitoring through CCTV, Drone, and Satellite technologies for different asset types. Will the				Consultant should visit the site, study and suggest the suitable technology

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	Page no. 96	hardware infrastructure (cameras, drones, satellite image subscriptions) be provided/ procured by the client, or should the consultant include recommendations for procurement in the Phase 1 bid documents only?	(ies) for the same and provide suitable hardware, software and others on as requirements in the Bid document for successful implementation.
27.	Section VII. Terms of Reference Page no. 98	Since the consultant is only preparing design and bid documents for implementation by another contractor in Phase 2, is actual application development included in this assignment's scope? This appears contradictory. Kindly Clarify.	Please refer S. No. 23.
28.			The consultants were requested to make a site visit / visit the O/o DMA (UTIS website) for ascertaining the existing conditions. The contact details of the official are as below: Mrs. Gunadevi System Administrator, O/o DMA, Mob no: +91 99444 59005 Mr. B. K. Ramesh, AEE, O/o DMA, Mob no: +91 94878 00006
29.		Whether Survey and Field Data collection is part of Bidder scope? If Yes Kindly specify the scope of work on what needs to done?	Please refer S. No. 5
30.		Please clarify the data sources available for existing infrastructure projects (e.g., UTIS, DMA databases, GIS data).	Please refer S. No. 5 and S. No 28

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		Will the consultant have access to live or static datasets?	
31.		What is the format and structure of existing data (e.g., shapefiles, CAD drawings, Excel, PDFs, or SQL databases)?	Please refer S. No. 5
32.		Are there any specific data standards or coordinate systems (e.g., WGS84, TM, or local projections) mandated for GIS integration?	Yes, based on the selection of technology, suitable projection system to be made. Also please refer S. No. 23
33.		Please confirm whether existing UTIS APIs or web services will be provided for integration, or should the consultant develop new API endpoints?	Please refer S. No. 3
34.		The RFP mentions “integration with UTIS.” Please elaborate on other systems expected to be integrated, such as Construction Management Systems (CMS), Project Monitoring Tools (e.g., Primavera, MS Project), or Citizen Feedback Platforms.	The proposed monitoring system has to be integrated with the existing UTIS. Please refer S. No. 23
35.		Will DMA or TNUIFSL provide hardware, software, and licenses (e.g., servers, database systems, storage), or should the consultant? Please confirm	Consultants are allowed to study the existing UTIS server on as required basis, however the other software and hardware requirements for this study are part of the consultant scope.
36.		Please confirm if GIS software is expected to be developed using COTS (Commercial Off-The-Shelf) like ArcGIS or open-source platforms such as QGIS / GeoServer.	Please refer S. No. 23
37.		It is assumed that VPN access, firewall clearance, and user credentials to UTIS or related systems be provided to the consultant team. Please confirm	Please refer S. No. 5 and S. No. 28
38.		Please clarify the hosting environment for the RMS system – on-premise (DMA/TNUIFSL servers) or cloud-based (Gov	DMA server

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		Cloud / NIC / Azure).	
39.		The RFP mentions a project duration of 6 months. Please confirm whether Maintenance & Support (M&S) after the initial 6-month period is expected, and if so, should it be included in the financial proposal or treated as an optional extension.	Please refer S. No. 23
40.		If M&S is included, please specify the duration of maintenance, expected response times (SLAs), and scope of support (bug fixes, system updates, user training, etc.).	Please refer S. No. 23
41.		Please clarify whether the consultant's team needs to be deployed onsite at TNUIFSL/DMA Chennai, or if offsite (within Chennai or remote) working is acceptable.	To be stationed in Chennai.
42.		If onsite deployment is required, please confirm workspace, network access, and system facilities to be provided by the Employer.	Consultant has to work in their project office, visit to DMA's UTIS server may be done on as required basis. Also, refer Addendum/Corrigendum to RFP II.
43.		Please confirm if the Employer expects training and capacity building sessions for UTIS/DMA staff as part of the consultant's scope.	No
44.		Are there any specific report formats or templates (for Feasibility Report, Application Design, Final Report) that must be followed, or can the consultant propose their own structure?	As per the standard format.
45.		Should the consultant include training sessions and user manuals for UTIS/RMS operation as part of the deliverables?	No
46.		The ToR refers to development of a mobile application for capturing near real-time field data. Please confirm whether the application should support both Android and iOS platforms.	Yes

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47.		Is there is EMD/PBG need to submit from Bidder side? If yes Kindly specify the EMD is Exempted form MSME Bidder?	No
48.		Whether All the Key professionals like Team leads, IT etc need to be placed Onsite ? Please confirm	Yes on as required basis, Team Leader to be stationed in Chennai on full time basis.
49.		Under Qualification Criteria: similar assignments in the last 10 years with a copy of project completion certificate from the client- Whether Similar Assignments means any kind of Web GIS Application development done for any customer can be considered - Please confirm	Yes. It should be supported with valid proof of completion. Also refer Addendum/Corrigendum to RFP II issued.
50.	SP 1.6.1 (2)	We understand that the existing UTIS API documentation and database architecture will be shared by DMA/TNUIFSL to facilitate integration during the course of this consultancy. Kindly confirm.	On as required basis, Please refer S. No. 28
51.	SP 1.6.1	We understand that the Consultant is either expected to conduct field surveys and stakeholder consultations to assess these aspects, or only to design system-level provisions for capturing such data. Kindly confirm which of these approaches is envisaged under the scope of work.	Refer Addendum/Corrigendum to RFP II issued. Also, please refer S. No. 28
52.	SP 1.6.1	We understand that, for the purpose of integration with other construction monitoring tools and project management software currently in use for project monitoring, the necessary details and access required to assess integration feasibility will be shared with the selected Consultant. Kindly confirm.	Please refer S. No. 34
53.	SP 4.2.1	We understand that, in the case of a Joint Venture (JV), the average annual turnover will be considered only for the Lead	Combined of Lead and JV

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		Member. Kindly confirm.	
54.	SP 4.2.2	We request to consider the projects involving Smart City, AMRUT and SBM Dashboards, remote sensing-based monitoring systems, or MIS/GIS integration in infrastructure development under similar assignments for the purpose of evaluation.	Please refer clause 4.2 (Similar Assignments) of issued RFP.
55.	Section VII Terms of Reference III. Scope of the Study	We understand that the RFP requires the Consultant to propose cloud hosting and integration solutions up to the year 2030, and that the cost of cloud hosting, maintenance, and application operation after development will be borne by the Client/Authority. Kindly confirm. Further, please clarify that in the event these costs are to be borne by the Consultant, the same are to be included in the Consultant's financial proposal.	Yes, Also, please refer S. No. 34
56.	Section-VII Terms of Reference VI. Key Professionals	Expected Qualification and Experience: We request to kindly consider the graduate in Information Technology / Computer Science or with about 8 years of experience or postgraduate in computer applications with about 5 years of experience in Web / Mobile Application Development.	No Change, RFP conditions are confirmed.
57.	General	We understand that the contract period of shall be of 6 months as per the Section-II.Data Sheet, page 56-58, ITC Clause no. 16.1 and no provision for time extension in providing the services has been mentioned in the RFP document. It is therefore requested to kindly clarify whether, in the event of delays due to factors such as approvals, data collection, or other dependencies, the Client/Authority will provide a suitable extension to complete the assignment.	Contract extension are allowed without any additional cost.

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58.	General	We noted that the tender documents do not specify any mandatory Tender Submission Fee or Earnest Money Deposit (EMD) requirement. We kindly request clarification and confirmation on whether a fee or EMD is required for this tender, and if so, what the exact amount and the required mode/form of payment/instrument must be to ensure our submission is compliant.	EMD is not required.
59.	3.2.1 Deadline For Submission Of Applications	To ensure the submission of a high-quality proposal, we request a 2-week extension to the bid submission deadline following the issuance of replies to the pre-bid queries.	Refer Addendum/Corrigendum to RFP II issued.