

Reply to Pre-EOI Conference Queries

Name of Work - Request for Expression of Interest (REOI) for Empanelment of Agencies/ Firms to Provide Services in Survey & Investigation Disciplines.

Tender ID : 2026_WAPCO_291510_1

Tender Ref No. : 2026-WAPCOS-S/I-01

S. No.	Clarification/Query sought by prospective bidders				Reply/Response
	Name of Bidder	Section No.	Clause No.	Clarification/Query	
1.	IIC Technologies Private Limited	WAPCOS/AI /GEOSPATIAL/EMPANEL/2026 Date: 03-02-2026	General	We understand that two separate EOIs are already under evaluation by WAPCOS for: 1. Empanelment of agencies for conducting Geospatial (Topographic) Manned Aerial Surveys for various projects across India; and 2. Empanelment of agencies for conducting Geospatial (Topographic) Surveys using UAVs for various projects across India. In the present REOI for Survey & Investigation (S&I) disciplines S&I-01 and S&I-02, it appears that agencies are again required to seek empanelment for undertaking surveys using both manned aircraft and UAV platforms. In view of the above, we request clarification on whether the empanelment process	The current REOI is independent in nature. Empanelment/ shortlisting of agencies/ firms participated in query stated floated EOIs will be considered in the present REOI shortlisting under S&I-01 and S&I-02 disciplines for the scope of delivery of services as stated under these EOIs. However, agencies/ firms are also encouraged to participate in current REOI for the delivery of services in WAPCOS projects across India and abroad, where

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				envisaged under the present REOI is independent of, or linked to, the two aforesaid EOIs currently under evaluation. Specifically, kindly confirm whether agencies already participating in or subsequently empanelled through the dedicated Geospatial Survey EOIs will be required to undergo a separate empanelment process under S&I-01 and S&I-02, or whether such empanelment will be considered sufficient for the purposes of the present REOI. We seek this clarification to avoid duplication of the empanelment process and to ensure proper understanding of the eligibility and participation requirements.	specifically required or as required. Additionally, agencies empanelled for “Conducting Geotechnical (Subsurface) and Geological Investigation for various Projects across India” against Tender Document (NIT No. WAPCOS/AI/GEOTECH/EMPA NEL/2025 Date: 02-12-2025) shall also be considered in the empanelled list of this current REOI for the scope of delivery of services in India.
2.		Section- IV: Terms of Reference Page no. 36 & 37	S&I-01 & S&I-02	We observe that the scope of work under both S&I-01 and S&I-02 includes similar survey methodologies and technologies, particularly Aerial LiDAR Surveys, Mobile LiDAR Surveys, UAV/Drone-based LiDAR Surveys, Vehicle-mounted LiDAR Surveys, and Helicopter-based LiDAR Surveys.	The general scope of S&I-01 is for Topographical, Cadastral, Spatial, Utility and Route Surveys. However, S&I-02 is specifically for Drone, Photogrammetry, UAV, LiDAR and advance Spatial mapping.

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				In view of the apparent overlap in survey platforms and data acquisition methodologies, we request you to kindly clarify the distinction between these two disciplines. Specifically, it would be helpful if WAPCOS could provide clarity on: 1. The specific scope boundaries and technical differentiators between S&I-01 and S&I-02. 2. The intended application areas and project types envisaged under each discipline. 3. The expected deliverables and outputs associated with each discipline. 4. The criteria or circumstances under which a particular assignment would be categorized under S&I-01 versus S&I-02. 5. Whether agencies possessing capabilities for aerial, mobile, and UAV-based LiDAR surveys are required to apply under both disciplines or only under the discipline most relevant to their core expertise.	Agencies/firms possessing capabilities for Aerial, Mobile, and UAV-based LiDAR surveys can apply under both disciplines i.e. S&I-01 and S&I-02. However, the general scope of S&I-01 is immense in nature utilising different survey equipment including aerial survey.

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				Since both disciplines appear to encompass similar geospatial survey technologies and data acquisition platforms, a clear delineation of the scope would assist prospective applicants in selecting the appropriate discipline(s) and in preparing responsive submissions.	
3.		Part III: EOI SUBMISSION FORMATS Page no. 59	Form 2.3	With reference to the EOI, we seek clarification regarding the minimum mandatory requirements specified under Form 2.3 for evaluation of applicants. Specifically, we request WAPCOS to kindly clarify the following: 1. Software Requirements ○ The minimum software tools required for eligibility/compliance under each discipline. ○ Whether specific software platforms are mandatory or whether equivalent software solutions are acceptable. ○ The minimum number of software licenses required to be owned or available with the applicant.	The empanelment is intended to establish a pool of prequalified agencies across S&I disciplines. For the purpose of qualification please refer SECTION III: Qualification Criteria. Form 2.3 pertains to agency/firm capability in respect of available/ existing equipment, software & associated laboratory facility. There are no requirements under Form 2.3 to be treated as minimum qualifying criteria during this REOI process. However, interested agencies/firms should provide sufficient

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				2. Equipment Requirements ○ The minimum mandatory survey equipment to be possessed by the applicant for each discipline. ○ The required quantities and technical specifications of the equipment, including but not limited to GNSS/GPS receivers, Total Stations, Digital Levels, UAVs, LiDAR systems, Echo Sounders, Mobile Mapping Systems, Survey Vessels, and other specialized instruments, as applicable. ○ Whether ownership is mandatory or equipment available through lease/rental/subcontracting arrangements will be considered acceptable. 3. Key Experts and Professional Staffing Requirements ○ The minimum number of Key Experts required under each discipline. ○ The prescribed educational qualifications, professional certifications, and years of relevant	and relevant information demonstrating their capability to carry out services as specified under general scope of respective S&I discipline.

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				experience for each expert category. - Whether experts shall be full-time employees of the applicant or may be engaged on a contractual/associate basis. - The discipline-wise eligibility criteria and minimum staffing requirements necessary to qualify for empanelment. 4. Evaluation and Compliance Requirements - Whether the requirements under Form 2.3 are to be treated as minimum qualifying criteria or are intended only for scoring purposes during technical evaluation. - The minimum threshold requirements that must be fulfilled for an application to be considered responsive and compliant. Since Form 2.3 forms a critical component of the capability assessment, a clear definition of the minimum mandatory requirements relating to software, equipment, and Key	

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				Experts would enable prospective applicants to prepare accurate and compliant submissions.	
4.		Section I	Last date & time for receipt of bids	Please consider at least 2 weeks' time for bid submission from the date of clarification given by WAPCOS. Kindly Consider and confirm.	As per REOI document and Corrigendum (if any).
5.	M/s Geokno India Private Limited	Section IV - General Scope of Services (S&I-01 to S&I-15) Pages 36-41		The REOI outlines the scope of services under various Survey & Investigation categories; however, the specific deliverables expected from the empaneled agencies have not been explicitly defined. It is requested to kindly clarify the indicative deliverables expected under each category, such as Topographical Maps, GIS Databases, CAD Drawings, DEM/DTM, Orthomosaics, Point Clouds, Bathymetric Charts, Investigation Reports, Bore Logs, Geotechnical Reports, Technical Studies, and other relevant outputs.	The empanelment is intended to establish a pool of prequalified agencies across various S&I disciplines. As and when the requirement arises WAPCOS may invite project-specific techno commercial bids/ financial bids/ quotations from shortlisted/ empanelled agencies/ firms through, limited tender on GeM portal or any other mode permitted under prevailing procurement policy.

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6.		Form 2.3 - Equipment, Software &Laboratory Capability Statement Pages 59-61		Kindly clarify the minimum manpower requirements for empanelment under each S&I category, including the requisite qualifications, experience levels, and deployment requirements of Key Personnel such as Survey Engineers, GIS Specialists, Drone Pilots, Hydrographers, Geologists, Geophysicists, CAD/GIS Experts, and other technical professionals. It is also requested to clarify whether such requirements shall be evaluated at the empanelment stage or subsequently during project-specific RFPs.	Refer to reply against S. No. 3
7.		Form 2.3 and Section V (Other T&C) Pages 59-61, 69-70	Clauses (c, d, f & g)	It is requested to kindly provide the category-wise minimum equipment and software requirements to qualify for empanelment under each S&I category. Further, clarification may please be provided regarding the minimum equipment required to be owned by the applicant and the equipment that may be considered through lease arrangements, MoUs, rental agreements, OEM authorizations, or other permitted mechanisms.	Refer to reply against S. No. 3

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8.		Section IV - Overview & Purpose; Pages 35-36 & 22 Publication of RFP Following this EOI	Clause 10.3	Our organization has previously participated in and submitted documents under the earlier empanelment process floated by WAPCOS Limited for Manned and Unmanned Survey Services. In this regard, kindly clarify whether the present empanelment process is independent and separate from the earlier empanelment. Further, it is requested to confirm whether agencies already empaneled under the previous survey-related empanelment's are required to submit a fresh application along with all supporting documents under the current REOI.	Refer to reply against S. No. 1
9.	LTM (A Larsen & Toubro Group Company)	Criteria 1 - General and Similar Experience General Sector Survey and Investigation Pg- 29		Kindly clarify whether conventional, modern techniques like Drone Survey, Aerial Photogrammetry, LiDAR Survey, DEM/DTM Generation, Corridor Mapping and other Geospatial Survey assignments can also be considered as qualifying experience under Survey & Investigation works for meeting the "Similar Assignment" requirements. The technical methodologies, deliverables and geospatial outputs generated through these assignments are substantially aligned with Survey & Investigation services.	Refer to reply against S. No. 2

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10.		Section III – Category- wise Qualification Pg- 28-30		Kindly clarify whether a bidder empanelled and qualified in a particular S&I category shall be eligible to participate in RFPs floated under all S&I categories, or only in the specific category/categories for which the bidder has been evaluated and empanelled. Further, kindly confirm whether future RFP invitations will be restricted to agencies empaneled under the respective category.	Agencies/ Firms may apply for one or more categories as per Form 1 by selecting applicable category/categories; however, qualification and empanelment shall be assessed category-wise. Empanelment in one category shall not imply eligibility for another category unless the applicant independently meets the requirements of that respective category. WAPCOS may add, merge, suspend or discontinue categories based on business requirements at its discretion as and when required. The RFPs shall be restricted to agencies empaneled under the respective category. However, a provision of JV/Consortium is also mentioned in this REOI to

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					enhance their qualifications and capability. Empanelment of new agencies/ firms i.e. rolling cycle is also provisioned in this existing empanelment procedure as their credential upgrades based on the submission of documents subject to the notification by WAPCOS at its discretion.
11.		Section III – Category- wise Qualification Pg- 28-30		We understand that WAPCOS has previously floated Tender ID: 2026_WAPCO_265581_1-Empanelment for Conducting Topographic Survey using Drone (Unmanned Aerial Vehicle) for Various Projects across India, and the empanelment results are currently awaited. Kindly clarify the requirement for the present REOI, considering a similar empanelment process has already been undertaken. Kindly clarify whether the tenders be released under these two-empanelment considered combined or separately.	Refer to reply against S. No. 1