

कार्यालय परिवहन आयुक्त, उत्तराखण्ड,
कुल्हान, सहस्त्रधारा रोड़, देहरादून।

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संख्या- 4431 / कम्प्यू/8-172/2023

दिनांक: 22, नवम्बर, 2023

निविदा संशोधन विज्ञप्ति

संदर्भ- निविदा विज्ञप्ति संख्या-35264/Comp/8-172/2023 दिनांक 12-09-2023

उत्तराखण्ड राज्य में वीएलटी योजना के अन्तर्गत Implementation Agency के चयन किये जाने हेतु निविदा विज्ञप्ति संख्या-35264/Comp/8-172/2023 (ई-टेंडर आईडी-2023.UTC6_63425_1) दिनांक 12-09-2023 के माध्यम से इच्छुक निविदादाताओं से प्रस्ताव आमंत्रित किये गये हैं। उक्त निविदा प्रक्रिया के अन्तर्गत प्री-बिड बैठक दिनांक 30.09.2023 को परिवहन आयुक्त कार्यालय, देहरादून में सम्पन्न हुई। बैठक में प्राप्त सुझावों एवं विभिन्न फर्म/कम्पनियों द्वारा की गयी जिज्ञासाओं के क्रम में इस कार्यालय की विज्ञप्ति संख्या 36805/Comp/8-172/2023 दिनांक 22.09.2023, विज्ञप्ति संख्या 39670/Comp/8-172/2023 दिनांक 17.10.2023 तथा विज्ञप्ति संख्या 4384/Comp/8-172/2023 दिनांक 17.11.2023 के अन्तर्गत कॉरीजेण्डम निर्गत करते हुए निविदा जमा करने की अन्तिम तिथि दिनांक 04-12-2023 तक विस्तारित की गयी।

प्री-बिड बैठक में प्राप्त प्रेक्षाओं पर विस्तृत विचार-विमर्श के उपरान्त सभी प्रेक्षाओं का निराकरण करते हुए मूल्यांकन समिति द्वारा निविदा प्रपत्र में कतिपय संशोधन किये जाने की संस्तुति की गयी है। अतः पूर्व निर्गत निविदा एवं कॉरीजेण्डम में आवश्यक संशोधन किये जाने के उद्देश्य से निम्नलिखित संशोधित अभिलेख इस आशय से संलग्न कर पोर्टल पर अपलोड किये जा रहे हैं कि इस सम्बन्ध में पूर्व निर्गत आर0एफ0पी0/कॉरीजेण्डम आदि को इस सीमा तक संशोधित समझा जाएगा।

1. Timeline & Deliverables
2. Terms of Payment Schedule

3. Annexure-6: ICT Components at Monitoring Centre
4. Annexure-7 : BOQ
5. Annexure-9 : Sub Clause 2.2 (transfer of assets) of Exit Management Schedule
6. Pre bid Queries Response
7. Current Status of Vehicle fitted with VLTD (as per AIS:140)

अतः इच्छुक निविदादाताओं से अनुरोध कि कृपया निविदा जमा करने से पूर्व उपरोक्त अभिलेखों का भली प्रकार अध्ययन/संज्ञान ले लिया जाए।

Amf

(सनत कुमार सिंह)
संयुक्त परिवहन आयुक्त,
उत्तराखण्ड।

RESPONSE ON PRE-BID QUERIES FOR SELECTION OF IMPLEMENTATION AGENCY FOR VEHICLE TRACKING PLATFORM FOR SAFETY AND ENFORCEMENT AS PER AIS-140 STANDARD IN UTTARAKHAND (UNDER NIRBHAYA FRAMEWORK)

PRE-BID MEETING - 30-09-2023

वि0प01— C.E. INFO SYSTEMS LIMITED (MAPMYINDIA) 237, OKHLA INDUSTRIAL ESTATE, PHASE-3 NEW DELHI-110020 के ई-मेल पत्र दिनांक 19-09-2023

वि0प02— VP-BUSINESS DEVELOPMENT 66, VARTIKA-44, SECTOR-44, GURGAON- 122003, HARYANA INDIA के ई-मेल पत्र दिनांक 19-09-2023

वि0प03— AEON SOFTWARE PVT.LTD. A-203, EVEREST GRANDE, SHANTI NAGAR, MIDC, MAHAKALI CAVES ROAD, ANDHERI (E), MUMBAI - 400093 के ई-मेल पत्र दिनांक 19-09-2023

वि0प04— SALTRIVER INFOSYSTEM PVT. LTD. के ई-मेल पत्र दिनांक 19-09-2023

वि0प05— AUTO FURZE TRAVEL SOLUTIONS PVT. LTD. M-01/02], PHASE-II, BEST STAFF QTRS. GHATKOPER (EAS) MUMBAI - 400076 के ई-मेल पत्र दिनांक 19-09-2023

वि0प06— STAR TELEINFOMATICS PVT. LTD. के ई-मेल पत्र दिनांक 20-09-2023

वि0प07— TASVA AUTOMOTIVE PVT. LTD. V-30/2, 3RD FLOOR, JHILMIL INDUSTRIAL AREA, DELHI- 110095 के ई-मेल पत्र दिनांक 20-09-2023

वि0प08— KERALA STATE ELECTRONICS DEVELOPMENT CORPORATION LTD. KELTRON TRAFFIC SIGNALS DIVISION, KELTRON COMMUNICATION COMPLEX, MONVILA, KULATHOOR P.O, TRIVANDRUM, KERALA-695583 के ई-मेल पत्र दिनांक 20-09-2023

वि0प09— CENTRE FOR DEVELOPMENT OF ADVANCED COMPUTING VELLAYAMBALAM THIRUVANANTHAPURAM 695033 के ई-मेल पत्र दिनांक 20-09-2023

वि0प010— ARYA OMNITALK, UNIT NO. A-202, SECOND FLOOR, SUMMER COURT, MAGARPATTA CITY, HADAPSAR, PUNE- 411013 के ई-मेल पत्र दिनांक 20-09-2023

वि0प011— PSV TRACKING SUPPORT TEAM DELHI INTEGRATED MULTI MODAL TRANSIT SYSTEM LTD. 8TH FLOOR, BLOCK 1, DELHI IT PARK, SHASTI PARK, DELHI 110053, INDIA के ई-मेल पत्र दिनांक 21-09-2023

वि0प012— BLOOM ELECTRONICS PVT. LTD. ALAGESAN ROAD, COIMVATORE-641011, INDIA के ई-मेल पत्र दिनांक 22-09-2023

वि0प013— GRL ENGINEERS PVT. LTD. के ई-मेल पत्र दिनांक 25-09-2023

1. C.E. INFO SYSTEMS LIMITED (MAPMYINDIA) 237, OKHLA INDUSTRIAL ESTATE, PHASE-3 NEW DELHI-110020 के ई-मेल पत्र दिनांक 19-09-2023 का अवलोकन करने का कष्ट करें, जिसके अन्तर्गत उनके द्वारा निम्नवत अवगत कराया गया है-

S. No.	Volume No.	Clause No.	Page No.	Content of RFP required Clarification	Clarification Sought	Department's Response
1	2.2 Eligible Bidders	2.2.3	19	The Bidder or any of its sub-contractors shall not be a vehicle tracking device manufacturer having an AIS-140 certified device.	Bidder or its sub- contractor shall not sell devices in state of Uttrakhand	If the bidder or its sub- contractor is AIS-140 VLT device manufacturer, he shall not sell AIS 140 devices in state of Uttarakhand.
2	2.15 Miscellaneous	Additional Points	23	Suggestion - Additional Points	Value Added service to be charged extra as per requirement of Stake holder	Value Added services to be charged extra as per requirement of Stake holders except Govt. bodies/ Undertakings on mutually agreed rates between IA and UKSTD.
3	3.4. Pre-Qualifying Criteria for Bidders	Point No 4 Net Worth	34	The Bidder must have a positive Net Worth at the closing of last completed financial year. In case, the annual accounts for the last completed financial year are not audited, the Bidder shall submit a certificate from its statutory auditor to this effect. In such a case, the Net Worth of last financial year Preceding the last completed financial year shall be taken into consideration.	The Bidder must have a positive Cash Balance of INR 5 Crores at the closing of last completed financial year. In case, the annual accounts for the last completed financial year are not audited, the Bidder shall submit a certificate from its statutory auditor to this effect. In such a case, the Cash Balance of last financial year preceding the last completed financial year shall be taken into consideration. Cash Balance means bank balance, including balance in current account and FDRs, it does not include cash in hand	Not accepted.

4	3.4. Pre-Qualifying Criteria for Bidder	Point no 5 Technical Capability		2.1. The Bidder must meet at least one of the qualifying criteria as below: i. Implementation of VTS (Vehicle Tracking System) in one single Similar Project for at least 10000 Vehicles Or ii. Implementation of VTS (Vehicle Tracking System) in two (2) Similar Projects for at least 10000 Vehicles	2.1. The Bidder must meet at least one of the qualifying criteria as below: i. Implementation of VTS (Vehicle Tracking System) in one single Similar Project for at least 1000 Vehicles Or ii. Implementation of VTS (Vehicle Tracking System) in two (2) Similar Projects for at least 1600 Vehicles.	"The Bidder must meet at least one of the qualifying criteria as below: i. Implementation of VTS (Vehicle Tracking System) in one single Similar Project for at least 1000 Vehicles OR ii. Implementation of VTS (Vehicle Tracking System) in two (2) Similar Projects for at least 500 Vehicles in each project. Similar Project means a project of Implementation of VTS (Vehicle Tracking System) with third-party vehicle tracking devices for Government / PSU entities for Public Service vehicles and has been operational for at least six months during last five years".
5	3.4. Pre-Qualifying Criteria for Bidders	Point no 5 Technical Capability	34	Additional Point	3) The proposed solution should ensure that no data transaction is happening through server located outside the country including map data	Accepted
6	3.4. Pre-Qualifying Criteria for Bidders	Manpower Strength	34	The Bidder must have at least 25 technically qualified IT professionals (relevant degree holders B. Tech / B.E / MCA / M. Tech / MBA) full time or permanent staff on company payroll working in the areas of software design & development/ systems integration/ IT infrastructure operations &	The Bidder must have at least 200 technically qualified IT professionals (relevant degree holders B. Tech / B.E / BCA / MCA / M. Tech / MBA) full time or permanent staff on company payroll working in the areas of software design & development GIS domain experts its rolls as on Proposal Release Date.	Declined. The Bidder must have at least 25 technically qualified IT professionals on company's payroll.




				maintenance/ GPS/ GIS domain experts its rolls as on Proposal Due Date.		
7	3.4. Pre- Qualifying Criteria for Bidders	Certificatio n Requireme nts		The Bidder must possess valid ISO 27001:2013 certificate for Information Security Management	The Bidder must possess valid ISO 27001:2022 0certificate for Information Security Management as on date of release of proposal	Accepted. Updated certificate required.
8	Table No.1: Evaluation Parameter for Technical Proposal	WORK EXPERI ENCE	36	A. Implementation of VTS for below mentioned quantities across multiple Similar Projects (as defined in Eligibility Criteria) (maximum 3 projects): o ≥ 10000 vehicles ≤ 12000 vehicles - 10 marks o > 12000 vehicles ≤ 15000 vehicles - 15 marks o > 150000 vehicles - 20 marks	. Implementation of VTS for below- mentioned quantities across multiple Similar Projects (as defined in Eligibility Criteria) (maximum 3 projects): o ≥ 1000 vehicles ≤ 2000 vehicles - 10 marks o > 2000 vehicles ≤ 4000 vehicles - 15 marks o > 4000 vehicles - 20 marks	To be read as:- A. Implementation of VTS for below mentioned quantities across multiple Similar Projects (as defined in Eligibility Criteria) (maximum 3 projects): 1. ≥ 1000 vehicles < 2000 vehicles - 10 marks 2. ≥ 2000 vehicles < 5000 vehicles - 15 marks 3. ≥ 5000 vehicles - 20 marks
9	Table No.1: Evaluation Parameter for Technical Proposal	WORK EXPERI ENCE	36	B. Implemented a vehicle tracking system for a Govt. entity/ PSU /Disaster/Tourism covering minimum [1,000] passenger buses - 5 Marks	B. Implemented a vehicle tracking system for a Govt. entity/ PSU /Disaster/Tourism covering minimum [3,000] passenger buses - 5 Marks	Declined. As per original RFP.

10	Table No.1: Evaluation Parameter for Technical Proposal	WORK EXPERIENCE	36	C. Implemented a vehicle tracking system for a Govt. entity/ PSU covering minimum [1,000] para-transit vehicles (taxis) - 5 Marks	C. Implemented a GIS Survey Project for a Govt. entity/ PSU covering minimum INR 20cr - 5 Marks	Removed.
11	6.9. Geographic Information System (GIS)Map	6.9.4. Map Based Tools	62	FR 170 : IA shall ensure availability of high resolution satellite imagery in the Map platform of resolution [1:2.5m scale]	We understand its 2.5 meters resolution	Its 2.5 meters resolution
12	ANNEXURE 3: MAP DATA	ANNEXURE 3: MAP DATA	106 - 116	Spatial map data is generally organized as various map data layers. A map layer is defined as a table with records that contain both a spatial object and associated text data attributes. The MAP server should provide the list of different layers of MAP data supported. Some of MAP layers needed from MAP server are listed below	We understand all the above map requirements are Map features to be provided as Map Services as a tile	Yes, all the above map requirements are Map features to be provided as Map Services as a tile/ layer.
13	6.7 Graphical user interface(GUI) Requirement	FR 105	56	To generate the over speeding alert, for different vehicles as per the over speed threshold set for different types of vehicles/Roads.	We understand that, Road level speed data will be provided by the dept which bidder can share with MAP supplier.	Road level speed data will be provided by UKSTD.

14	6.7 Graphical user interface(GUI) Requirement	FR 107	57	System shall have a facility, as soon as the vehicle enters another city / state area, the vehicle should be visible to the command and control center of the visiting state.	We understand that MoRTH will collect all state backend data and share the same with relevant states. Are we referring to same process here, if not, kindly guide on how to share data with other State backend.	Will be developed in future as per the instructions from MORTH
15	6.1. MCC APPLICATION SOFTWARE	FR 13	48	<p>Manage the user hierarchy, locations, Roles & Responsibilities within the system:</p> <p>1. Permit Holder:</p> <ul style="list-style-type: none"> • get notifications of permit violations of specified vehicle(s) • get notifications of emergency alerts from of specified vehicle(s) • Live track his vehicles • History track of his vehicle's movements • Other reports <p>2. VLT Device Manufacturer / Authorized dealers/ Service Center</p> <ul style="list-style-type: none"> • View MIS details for devices supplied by him • view reports regarding number of devices not functional/functional devices • enter the details pertaining to Sim & Permit holder on the State 	<p>Manage the user hierarchy, locations, Roles & Responsibilities within the system:</p> <p>1. VLT Device Manufacturer / Authorized dealers/ Service Center</p> <ul style="list-style-type: none"> • View MIS details for devices supplied by him • view reports regarding number of devices not functional/functional devices • enter the details pertaining to Sim & Permit holder on the State Backend • Facility for Debugging Device/ replacement of Device. <p>2. Vehicle Manufacturer</p> <ul style="list-style-type: none"> • tag/link the VLTD with the corresponding vehicle details in VAHAN at the time of fitment of VLTD on a vehicle • view reports regarding number of devices not functional/functional devices <p>3. Transport Officials –Enforcement:</p> <ul style="list-style-type: none"> • Should be able to select geographic area • Should be able to generate notifications of permit 	<p>Manage the user hierarchy, locations, Roles & Responsibilities within the system:</p> <p>1. VLT Device Manufacturer / Authorized dealers/ Service Center</p> <ul style="list-style-type: none"> • View MIS details for devices supplied by him • view reports regarding number of devices not functional/functional devices • enter the details pertaining to Sim & Permit holder on the State Backend • Facility for Debugging Device/ replacement of Device. <p>2. Vehicle Manufacturer</p> <ul style="list-style-type: none"> • tag/link the VLTD with the corresponding vehicle details in VAHAN at the time of fitment of VLTD on a vehicle • view reports regarding number of devices not functional/ functional devices <p>3. Transport Officials --:</p> <ul style="list-style-type: none"> • Should be able to select geographic area

			<p>Backend</p> <ul style="list-style-type: none"> • Facility for Debugging Device/ replacement of Device. <p>3. Vehicle Manufacturer</p> <ul style="list-style-type: none"> • tag/link the VLTD with the corresponding vehicle details in VAHAN at the time of fitment of VLTD on a vehicle • view reports regarding number of devices not functional/functional devices 	<p>violations</p> <p>4. Transport Officials – Administration</p> <ul style="list-style-type: none"> • get notifications of emergency alerts from of specified vehicle(s) • Tracking based on Filters as defined in the requirements • Live track his vehicles <p>History track of his vehicle's movements</p> <ul style="list-style-type: none"> • Other functionality as detailed further in documentation. • Administration/ configuration for UKSTD 	<ul style="list-style-type: none"> • Should be able to generate notifications of violations • Should be able to generate challans against violating vehicles through integration with E-challan portal • get notifications of emergency alerts from the specified vehicle(s) • tracking based on Filters as defined in the requirements • live track vehicles as well as history track of specified vehicle's movements • other functionality as detailed further in documentation. • administration/ configuration for UKSTD <p>4. Police/ NERS</p> <ul style="list-style-type: none"> * should get emergency alerts on NERS No. 112 *should be able to submit the report of resolution of alert in specified format 	
16	7.2 Road safety Add On from VLTD	FR 04	78	IA shall provide a Driving pattern an driving profiling tools to identify road safety issues and provide the same to State as well as on Permit holder login/ mobile app.	IA shall provide a Driving pattern and driving profiling tools to identify road safety issues and provide the same to State.	Accepted
17	9.2. Monitoring and Control Center (MCC)	9.2.1	84	I. Real time Tracking of Vehicles for various stakeholders like Transport Department officials, permit holders and other agencies etc.	Real time Tracking of Vehicles for various stakeholders like Transport Department officials, police and other statutory govt bodies.	Accepted




18	6.10.2 Integration with ERSS	FR 188	65	In case of press of an emergency button, the VLT device will send data directly to the emergency response system of the respective State. In addition, the backend system will send the alert to the respective permit holder via, as decided by the Transport Department, Govt. of UK	In case of press of an emergency button, the VLT device will send data directly to the emergency response system of the respective State. In addition, the backend system will send the alert to the respective permit holder via API to integrated AIS140 VLTD Manufacturer Application, as decided by the Transport Department, Govt. of UK	In case of press of an emergency button, the VLT device will send data directly to the emergency response system of the respective State along with the backend system.
19	12.2. Timelines &Deliverables	12.2 Table 2 Point 3	100	Submission of Deployment plan for hosting State backend and DR on NIC Cloud (detailed computation and storage), End user Infra at MCC, Vehicle tracking and Monitoring software and helpdesk along with all other software mentioned in the PROPOSAL, Test Plan, and SOP for all alert handling	Submission of Deployment plan for hosting on Cloud (detailed computation and storage), End user Infra at MCC, Vehicle tracking and Monitoring software and helpdesk along with all other software mentioned in the PROPOSAL, Test Plan, and SOP for all alert handling	Submission of Deployment plan for hosting State backend on Cloud as well as plan for sharing the database on NIC cloud as and when required by MoRTH or UKSTD (detailed computation and storage), End user Infra at MCC, Vehicle tracking and Monitoring software and helpdesk along with all other software mentioned in the PROPOSAL, Test Plan, and SOP for all alert handling.
20	12.2. Timelines &Deliverables	12.2 Table 2 Point 4	100	Application Commissioning on NIC cloud	Application Commissioning on cloud	Accepted
21	12.2. Timelines &Deliverables	12.2 Table 2 Point 5	100	<ul style="list-style-type: none"> Establish the Monitoring and control center including supply and installation of ICT hardware with connectivity to NIC Cloud, internal LAN and redundant Internet connectivity at CCC & MCC Deployment of Manpower (Operators/Helpdesk) 	<ul style="list-style-type: none"> Establish the Monitoring and control center including supply and installation of ICT hardware with connectivity to Cloud, internal LAN and redundant Internet connectivity at CCC & MCC Deployment of Manpower (Operators/Helpdesk) 	Accepted

22	ANNEXURE 7 :BOQ	Application (AIS-140 Comply Application) point 4	142	Cost of Hosting of Application on Cloud Data Center (NIC)	Cost of Hosting of Application on Cloud Data Center (NIC/ MeitY approved center)	Accepted
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2. VP-BUSINESS DEVELOPMENT 66, VARTIKA-44, SECTOR-44, GURGAON- 122003, HARYANA INDIA के ई-मेल पत्र दिनांक 19-09-2023 का अवलोकन करने का कष्ट करें, जिसके अन्तर्गत उनके द्वारा निम्नवत अवगत कराया गया है-

S. No.	Volume No.	Clause No.	Page No.	Content of RFP required Clarification	Clarification Sought	Department's Response
1	NA	9.4.7	88	Design of Monitoring Center (Ready to use-Completed by Procuring Authority)	It is understood that the Monitoring Centre and Mini Control Centers shall be provided by the authority on ready to use basis with physical infrastructures like civil and electrical works with fittings & fixtures, flooring, furniture, Acs etc. where IA shall only provide ICT components. Kindly clarify the understanding	Central Control and Command Centre will be provided on a ready-to-use basis with physical infrastructure and ICT components in place. However, in case of larger space and infrastructure requirements, the UKSTD may decide to shift CCCC to another space, which shall be facilitated by IA. The space for Mini Control Centers will be provided by

						UKSTD and the furnishing along with ICT equipment shall be provided by IA.
2	NA	Annexure 6	125 - 139	8. Projector 9. Firewall 4. Video Conference Server for Local Centralized Storage and Other Local Applications (including 100 TB Storage) 11. Additional Local Centralized Storage of 1000TB 12. EPABX/ Telephone 14. CCTV with NVR (Extended Storage)	Although the specification of equipment's are given in the ICT Components at Monitoring Centre but this does not feature in the BoQ of the tender. Kindly clarify if the authority shall provide the required equipment for the project. In case the IA needs to provide the same, kindly provide the following: 1. Amend the BOQ items 2. Provide the quantity as per each item	BOQ is being amended. Mentioned points are being removed from specifications list.
3	NA	Annexure 6	129	7. Access Control System (Finger Biometric)	As per the BOQ, the number of role defined users required is 100. As per clause 9.4.4 Access Control System in page 87 of the RFP, it is to be used for access to the MCC. Request to kindly clarify the following: 1. There are just 4 control centres (Dehradun, Almora, Pauri and Haldwani) but the BOQ does not provide the requirement of Access Control Devices, which to our understanding shall be 4 units. Kindly clarify the understanding and amend in the BOQ if it is to be provided by the IA. 2. To use role-based access, the local servers are required which is	BOQ is being amended. Requirement of Access control system based on Biometric attendance system is being removed. Other Access control would be through role-based access on backend platform and mobile app.

					missing in the BOQ. Kindly provide clarity on the same.	
4	NA	Annexure 7	140	1.04 L3 Switch	As per the BoQ 1 No. L3 switch has been required for the project. Kindly clarify the following: 1. How can 4 control rooms work on just 1 no. of L3 switch? 2. Will the 3 other control rooms do not require L3 switch or the client shall provide the same?	BOQ is being amended. 04 L3 Switch would be required
5	NA	Annexure 7	140	1.05 42U Rack	The BoQ mentions the requirement of 1 rack whereas in FR291 in Clause 9.4.7 mentions the following "IT/Server room with capacity for two racks for servers for local applications such as video surveillance, Local Storage, video wall controller, and access control system, etc." With this logic, the requirement is of 8 42U rack (2No. of 42 Rack for 4 control rooms). Kindly confirm the understanding and request to amend accordingly.	BOQ is being amended. Local storage to be removed.
6	NA	9.5	88	Connectivity The IA shall ensure availability of optimal bandwidth and redundant connectivity at the MCC and shall also be responsible for the following: FR 299 Ensuring availability of leased line connectivity at MCC as per the service levels @ 100 mbps	The BoQ is completely silent of the head of Connectivity although the RFP mentions that IA needs to provide connectivity at MCC. Request to kindly clarify the following: 1. Kindly provide the head for Connectivity in the CAPEX & OPEX	BOQ is being amended. Connectivity is to be included in BOQ as per the specifications. Specifications are being amended as follows: The IA shall ensure availability of optimal bandwidth and redundant connectivity at the CCC& MCC and shall also be responsible for the following:




					of the BOQ (as lease line connectivity requires Capex cost too)	FR 299: Ensuring availability of broadband connectivity at CCC& MCC as per the service levels @ 250 mbps
7	NA	1	16	VII. Supply, install, integrate and commission ICT infrastructure including video walls, workstations, networking and other hardware and software components required at Command-and-Control Centre (Transport head Quarter Uttarakhand) and Mini control centres.	<p>Its is unclear from the BOQ whether the IA needs to undertake local area cabling and networking of the MCCs.</p> <p>Kindly input the same as the BOQ item as it has considerable cost and needs to be accounted in the cost break-up from the perspective of the department.</p>	<p>Items / Hardware not included in BOQ will be eliminated from the RFP which shall read as follows:</p> <p>VII. Supply, install, integrate and commission ICT infrastructure including video walls, workstations, cabling and networking and other hardware and software components required at Command-and-Control Centre (Transport head Quarter Uttarakhand) and Mini Control Centers.</p>
8	NA	8 Hosting on Cloud	83	FR 268 In case UKSTD decides to move out of NIC hosting after 2 years, the IA shall provision Cloud requirement (hardware, computer (network, bandwidth, storage etc.), system software (OS, DB) for hosting and managing the application as per State/UT requirements. The IA shall ensure that the proposed Cloud infrastructure requirement is sufficient for project and fully meets the performance and scalability requirements of the project. IA shall be responsible for addressing any performance issues/degradation during the contract period.	<p>It is unclear from the clause whether IA should have to provide Cloud Hosting services or just provide the requirement of cloud hosting services to UKSTD in case UKSTD decided to move out of NIC hosting after 2 years.</p> <p>Kindly clarify.</p>	IA will be responsible for hosting State backend on Cloud as well as sharing the database on NIC cloud as and when required by MoRTH or UKSTD,

9	NA	8 Hosting on Cloud	83	<p>GENERAL QUERY – Regarding the migration of existing data from NIC Backend Application</p>	<p>It is understood that NIC-Uttarakhand has been providing AIS-140 Backend Application to UKSTD and as on the time of drafting this pre-bid queries 58231 nos. of vehicles are registered in VLTD Maker dashboard under Uttarakhand Backend Provider.</p> <p>Kindly clarify the requirement from the perspective of UKSTD on the requirement of migration of existing data to the new AIS-140 backend as this has large cost and time implication.</p> <p>In case USKTD intends to migrate the data to new backend, it needs to provide details of the backend and the size of the complete dataset in the RFP requirement so that all the prospective bidders are made aware of the requirement and the cost of migration is considered in their financial proposals.</p>	<p>Platform will be provided by IA. Existing tracking and notification data will be migrated to new platform by IA.</p>
10	NA	3.4.5	40	<p>The experience under technical evaluation for any project shall be considered only for the Bidder. Further, only those projects would be considered for technical evaluation where the entity claiming experience was the sole project executant.</p> <p>GENERAL QUERY – Allowing acceptance of credentials of</p>	<p>As per the several best use cases which are prevalent in the Indian context, we have seen several government tenders allowing the bidding organizations to draw experiences from the parent or subsidiary organizations. Since the RFP is silent on this specific clause, we would request the authority allow the bidding organization to draw the credentials of its 100% subsidiary/es or parent company with proof of equity share.</p>	<p>As per RFP</p>

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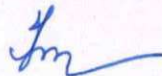
				100% owned subsidiary organization.	<p>This consideration would allow organizations with very strong financials and credentials to bid for this vital opportunity.</p> <p>Request to kindly append the clause as below:</p> <p>Experience of the parent firm (in case bidder firm is a 100% subsidiary of the parent firm) or experience of the 100% subsidiary firm (if parent firm is applying for the bid) shall be considered. However, in such case the authorized signatory of corresponding firm(s), whose experience is being considered, should submit certificate to transfer knowhow to the bidder firm as and when required</p>	
11	NA	12.3. Terms of Payment Schedule	101	Vehicle Tracking Platform and GIS Map – 60% of the VTP and GIS Map price on acceptance of commissioning of Vehicle Tracking Platform	<p>Refer to clause 12.2. Timelines & Deliverables (page 100) in which there is no mention of the milestone of “Acceptance of commissioning of Vehicle Tracking Platform”</p> <p>Request to kindly confirm against which Sl. No. of the clause 12.2. Timelines & Deliverables against the same shall be considered as the milestone to be eligible for payment to the IA.</p>	Timeline and payment terms are being streamlined and 10% mobilization advance of capex is being introduced.
12	NA	12.2. Timelines & Deliverables	100	General Query	<p>Since the project involves internal and external dependencies for timely execution and delivery, it is pertinent that any external dependencies upon the department, NIC or any agencies which</p>	As per RFP

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					are beyond the control on the IA shall impact the project timelines. In such cases, where the IA have flagged the delays and dependencies in the responses of such external agencies, there shall not be any imposition of penalty on the IA.	
13	NA	12.3. Terms of Payment Schedule	101	5. Operations Manpower Price - Payments to commence upon Go-Live	<p>Kindly confirm the understanding.</p> <p>Refer to clause 12.2. Timelines & Deliverables (page 100) where the manpower deployment is getting completed in t+75 days (refer Sl. No. 5) whereas the payment of the Manpower Price is considered from the date of Go-Live i.e. T+180 days which means the IA needs to bear the cost of minimum 60 operation manpower for over 105 days which is unacceptable and have financial ramification on the bid price.</p> <p>It is requested to amend the clause as below: “5. Operations Manpower Price - Payments to commence upon Deployment of Manpower (Operators/ Helpdesk)”</p>	<p>Accepted.</p> <p>“5. Operations to be amended as follows: Manpower Price- Payment to commence upon Actual Deployment of Manpower (Operators/ Helpdesk)”</p>
14	NA	12.3. Terms of Payment Schedule		3. Annual Maintenance for Software, Hardware and Other Equipment	<p>There is no place in the BOQ to provide cost for Annual Maintenance for Software, Hardware and Other Equipment so how can the authority make payment to the IA?</p> <p>Request the authority to create placeholders in the BOQ for the IA to</p>	<p>Annual maintenance is included under operation and maintenance.</p>

S. No	Volume No.	Clause No.	Page No	Content of RFP required Clarification	Clarification Sought	Department Decision
A.1	NA	3.4.2 S.No.3	34	<p>The Bidder must have an average annual turnover of at least INR 50Crores during the last three completed financial years.</p> <p>In case, the annual accounts for the last completed financial year are not audited, the Bidder shall submit a certificate from its statutory auditor to this effect. In such a case, the average annual turnover of last three financial years preceding the last completed financial year shall be taken into consideration.</p>	<p>provide cost for Annual Maintenance for Software, Hardware and Other Equipment.</p> <p>As per the Bid Data Sheet point No 18 on page No 14 of the RFP the estimated Project Cost (in INR Crore) is 10 Crore. The implementation period of the project is 6 months in which the major capital expenditure shall be incurred. It is estimated that approximately 60% of the project cost shall become the part of CAPEX.</p> <p>Thus going by the logic the bidder should have minimum turnover of 2 times the capital expenditure of the project to be able to successfully execute the project, which is approximately 12-15 Crore. Thus keeping 50Cr as average turnover during the last three financial years is illogical, artificial and vitiates the free and fair competitive bidding/ level playing field among the bidders which needs to be revised in view of free and fair competitive bidding.</p> <p>It is thereby requested to amend the clause as below: "The Bidder must have an average annual turnover of at least INR 15</p>	<p>Keeping in view the number of stakeholder departments' requirements, expected customization and upgradation, expansion of the project on time and space dimensions actual cost incurred may be much more than the cost to born by UKSTD. As such following amendment is proposed: "The Bidder must have an average annual turnover of at least INR 25 Crores during the last three completed financial years".</p>




				Crores during the last three completed financial years".										
A.2	NA	3.4.4 S.No.1A	36	Turn over	Marks Allowed	<p>As per the Bid Data Sheet point No 18 on page No 14 of the RFP the estimated Project Cost (in INR Crore) 10 Crore.</p> <p>The implementation period of the project is 6 months in which the major capital expenditure shall be incurred. It is estimated that approximately 60% of the project cost shall become the part of CAPEX.</p> <p>Thus going by the logic the bidder should have minimum turnover of 2 times the capital expenditure of the project to be able to successfully execute the project, which is approximately 12-15 Crore.</p> <p>Thus keeping 50Cr as average turnover during the last three financial years is illogical, artificial and vitiates the free and fair competitive bidding/ level playing field among the bidders which needs to be revised in view of free and fair competitive bidding.</p> <p>It is thereby requested to amend the marking scheme in sync with the project requirement as below:</p> <table border="1"> <thead> <tr> <th>Turn over</th> <th>Marks Allowed</th> </tr> </thead> <tbody> <tr> <td>More than 50Cr</td> <td>15</td> </tr> <tr> <td>> 25Cr to <= 50Cr</td> <td>10</td> </tr> <tr> <td>>= 15 Cr</td> <td>5</td> </tr> </tbody> </table>	Turn over	Marks Allowed	More than 50Cr	15	> 25Cr to <= 50Cr	10	>= 15 Cr	5
Turn over	Marks Allowed													
More than 50Cr	15													
> 25Cr to <= 50Cr	10													
>= 15 Cr	5													
				More than 100Cr	15									
				> 75 Cr to <= 100Cr	10									
				>= 50 Cr to <=75 Cr	5									
<p>A. Turnover Marks Allotted - 15</p> <p>More than 100Cr 15 > 50 Cr to <= 100Cr 10 >= 25 Cr to <=50 Cr 5</p> <p>B. Certification – 15</p> <ul style="list-style-type: none"> • ISO 9001:2008 or later - 5 • ISO 20000-1:2018, ISO 45001:2018, ISO 14001:2015 and ISO 9001:2015 - 10 Marks • CMMI 3 and above- 15 Marks <p>C. Map Capabilities - 10 Marks</p> <ul style="list-style-type: none"> • The Bidder solution is based on indigenous and own proprietary maps- 10Marks The Bidder solution is based on indigenous maps - 5 Marks 														

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					to <= 25 Cr	
A.3	NA	3.4.5	40	<p>The experience under technical evaluation for any project shall be considered only for the Bidder. Further, only those projects would be considered for technical evaluation where the entity claiming experience was the sole project executant.</p> <p>GENERAL QUERY – Allowing acceptance of credentials of 100% owned subsidiary/Associate organization.</p>	<p>As per the several best use cases which are prevalent in the Indian context, we have seen several government tenders allowing the bidding organizations to draw experiences and financial strength from the parent or subsidiary/Associate organizations. Since the RFP is silent on this specific clause, we would request the authority to allow the bidding organization to draw the credentials of its 100% subsidiary/Associate or parent company with proof of equity share.</p> <p>This consideration would allow organizations with very strong financials and credentials to bid for this vital opportunity.</p> <p>Request to kindly append the clause as below:</p> <p><i>Experience and turnover of the parent firm (in case bidder firm is a 100% subsidiary/Associate of the parent firm) or experience of the 100% subsidiary/Associate firm (if parent firm is applying for the bid) shall be considered. However, in such case the authorized signatory of corresponding firm(s), whose experience is being</i></p>	As per RFP

					<i>considered, should submit certificate to transfer knowhow to the bidder firm as and when required.</i>	
B.1	NA	9.4.7	88	Design of Monitoring Center (Ready to use-Completed by Procuring Authority)	It is understood that the Monitoring Centre and Mini Control Centre shall be provided by the authority on ready to use basis with physical infrastructures like civil and electrical works with fittings & fixtures, flooring, furniture, ACs etc. where IA shall only provide ICT components. Kindly clarify the understanding	Central Control and Command Centre will be provided on a ready-to-use basis with physical infrastructure and ICT components in place. However, in case of larger space and infrastructure requirements, the UKSTD may decide to shift CCCC to another space, which shall be facilitated by IA. The space for Mini Control Centers will be provided by UKSTD and the furnishing along with ICT equipment shall be provided by IA. Addressed at Page no. 11, Query no. 2
B.2	NA	Annexure 6	12 5 - 13 9	8. Projector 9. Firewall 4. Video Conference Server for Local Centralized Storage and Other Local Applications (including 100 TB Storage) 11. Additional Local Centralized Storage of 1000TB 12. EPABX/ Telephone 14. CCTV with NVR (Extended Storage)	Although the specification of equipment's are given in the ICT Components at Monitoring Centre but this does not feature in the BoQ of the tender. Kindly clarify if the authority shall provide the required equipment for the project. In case the IA needs to provide the same, kindly provide the following: 1. Amend the BOQ items Provide the quantity as per each item	

B.3	NA	Annexure 6	12 9	7. Access Control System (Finger Biometric)	<p>As per the BOQ, the number of role defined users required is 100.</p> <p>As per clause 9.4.4 Access Control System in page 87 of the RFP, it is to be used for access to the MCC.</p> <p>Request to kindly clarify the following:</p> <ol style="list-style-type: none"> 1. There are just 4 control centres (Dehradun, Almora, Pauri and Haldwani) but the BOQ does not provide the requirement of Access Control Devices, which to our understanding shall be 4 units. Kindly clarify the understanding and amend in the BOQ if it is to be provided by the IA. <p>To use role-based access, the local servers are required which is missing in the BOQ. Kindly provide clarity on the same.</p>	Addressed at Page no. 11, Query no. 3
B.4	NA	Annexure 7	14 0	1.04 L3 Switch	<p>As per the BoQ 1 No. L3 switch has been required for the project.</p> <p>Kindly clarify the following:</p> <ol style="list-style-type: none"> 1. How can 4 control rooms work on just 1 no. of L3 switch? <p>Will the 3 other control rooms do not require L3 switch or the client shall provide the same?</p>	Addressed at Page no. 12, Query no. 4
B.5	NA	Annexure 7	14 0	1.05 42U Rack	<p>The BoQ mentions the requirement of 1 rack whereas in FR291 in Clause 9.4.7</p>	Addressed at Page no. 12, Query no. 5

					<p>mentions the following "IT/Server room with capacity for two racks for servers for local applications such as video surveillance, Local Storage, video wall controller, and access control system, etc."</p> <p>With this logic, the requirement is of 8 42U rack (2No. of 42 Rack for 4 control rooms).</p> <p>Kindly confirm the understanding and request to amend accordingly.</p>	
B.6	NA	9.5	88	<p>Connectivity</p> <p>The IA shall ensure availability of optimal bandwidth and redundant connectivity at the MCC and shall also be responsible for the following:</p> <p>FR 299 Ensuring availability of leased line connectivity at MCC as per the service levels @ 100 mbps</p>	<p>The BoQ is completely silent of the head of Connectivity although the RFP mentions that IA needs to provide connectivity at MCC.</p> <p>Request to kindly clarify the following:</p> <p>Kindly provide the head for Connectivity in the CAPEX & OPEX of the BOQ (as lease line connectivity requires CAPEX cost too)</p>	Addressed at Page no. 12, Query no. 6
B.7	NA	1	16	<p>VII. Supply, install, integrate and commission ICT infrastructure including video walls, workstations, networking and other hardware and software components required at Command-and-Control Centre (Transport head</p>	<p>It is unclear from the BOQ whether the IA needs to undertake local area cabling and networking of the MCCs.</p> <p>Kindly input the same as the BOQ item as it has considerable cost and needs to be accounted in the cost break-up from the perspective of the department.</p>	Addressed at Page no. 13, Query no. 7

				Quarter Uttarakhand) and Mini control centres.		
B.8	NA	8 Hosting on Cloud	83	FR 268 In case UKSTD decides to move out of NIC hosting after 2 years, the IA shall provision Cloud requirement (hardware, computer (network, bandwidth, storage etc.), system software (OS, DB) for hosting and managing the application as per State/UT requirements. The IA shall ensure that the proposed Cloud infrastructure requirement is sufficient for project and fully meets the performance and scalability requirements of the project. IA shall be responsible for addressing any performance issues/degradation during the contract period.	It is unclear from the clause whether IA should have to provide Cloud Hosting services or just provide the requirement of cloud hosting services to UKSTD in case UKSTD decided to move out of NIC hosting after 2 years. Kindly clarify.	Addressed at Page no. 13, Query no. 8
B.9	NA	8 Hosting on Cloud	83	GENERAL QUERY – Regarding the migration of existing data from NIC Backend Application	It is understood that NIC-Uttarakhand has been providing AIS-140 Backend Application to UKSTD and as on the time of drafting this pre-bid queries 58231 nos. of vehicles are registered in VLTD Maker dashboard under Uttarakhand Backend Provider. Kindly clarify the requirement from the	Addressed at Page no. 14, Query no. 9

					<p>perspective of UKSTD on the requirement of migration of existing data to the new AIS-140 backend as this has large cost and time implication.</p> <p>In case UKSTD intends to migrate the data to new backend, it needs to provide details of the backend and the size of the complete dataset in the RFP requirement so that all the prospective bidders are made aware of the requirement and the cost of migration is considered in their financial proposals.</p>	
B.1 0	NA	12.3. Terms of Payment Schedule	10 1	Vehicle Tracking Platform and GIS Map – 60% of the VTP and GIS Map price on acceptance of commissioning of Vehicle Tracking Platform	<p>Refer to clause 12.2. Timelines & Deliverables (page 100) in which there is no mention of the milestone of “Acceptance of commissioning of Vehicle Tracking Platform”</p> <p>Request to kindly confirm against which SI. No. of the clause 12.2. Timelines & Deliverables against the same shall be considered as the milestone to be eligible for payment to the IA.</p>	Addressed at Page no. 15, Query no. 11
B.1 1	NA	12.2. Timelines & Deliverables	10 0	General Query	<p>Since the project involves internal and external dependencies for timely execution and delivery, it is pertinent that any external dependencies upon the department, NIC or any agencies which are beyond the control on the IA shall impact the project timelines. In such cases, where the IA have flagged the delays and dependencies in the</p>	Addressed at Page no. 15, Query no. 12

					<p>responses of such external agencies, there shall not be any imposition of penalty on the IA.</p> <p>Kindly confirm the understanding.</p>	
B.1 2	NA	12.3. Terms of Payment Schedule	10 1	5. Operations Manpower Price - Payments to commence upon Go-Live	<p>Refer to clause 12.2. Timelines & Deliverables (page 100) where the manpower deployment is getting completed in t+75 days (refer Sl. No. 5) whereas the payment of the Manpower Price is considered from the date of Go-Live i.e. T+180 days which means the IA needs to bear the cost of minimum 60 operation manpower for over 105 days which is unacceptable and have financial ramification on the bid price.</p> <p>It is requested to amend the clause as below: "5. Operations Manpower Price - Payments to commence upon Deployment of Manpower (Operators/ Helpdesk)"</p>	Addressed at Page no. 16, Query no. 13
B.1 3	NA	12.3. Terms of Payment Schedule		3. Annual Maintenance for Software, Hardware and Other Equipment	<p>There is no place in the BOQ to provide cost for Annual Maintenance for Software, Hardware and Other Equipment so how can the authority make payment to the IA?</p> <p>Request the authority to create placeholders in the BOQ for the IA to provide cost for Annual Maintenance for</p>	Addressed at Page no. 16, Query no. 14

					Software, Hardware and Other Equipment.	
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3. AEON SOFTWARE PVT.LTD. A-203, EVEREST GRANDE, SHANTI NAGAR, MIDC, MAHAKALI CAVES ROAD, ANDHERI (E), MUMBAI - 400093 के ई-मेल पत्र दिनांक 19-09-2023 का अवलोकन करने का कष्ट करें, जिसके अन्तर्गत निम्नवत अवगत कराया गया है-

S. No.	Volume No.	Clause No.	Page No.	Content of RFP required Clarification	Clarification Sought	Department's Response
1	RFP Vol. 1	Key events	1	Pre-bid meeting details 23.09.2023, 3:00PM	Please allow online Prebid meeting for participation.	Updated in Corrigendum released on dated 22.09.2023
2	RFP Vol. 1	Bid Datasheet, Point 14	13	Bid Security Amount Proposer shall submit an EMD of ₹ 20,00,000/- (Rupees Ten Lakhs Only) in the form of Bank guarantee from nationalized or scheduled bank, in favor of "Transport Commissioner, Uttarakhand" payable at Dehradun along with the application. A Scheduled Bank shall mean a bank as	Please reduce the EMD amount to 10 lakhs as mentioned in the amount in words.	Updated in Corrigendum released on dated 22.09.2023

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				defined under Section 2(e) of the Reserve Bank of India Act, 1934.		
3	RFP Vol. 1	1. Introduction, Point V, VI	16	V. Host the system on Cloud for after Go-live. The Cloud services for this period shall be provided by the State Transport Department. VI. Host the system on [NIC Cloud/ State Data Center/ MeitY Empaneled Cloud] for the period of 5 years	Please clarify regarding the cost for 3 years after completion of 2 years of period of NIC cloud hosting	IA will be responsible for hosting State backend on Cloud as well as sharing the database on NIC cloud as and when required by MoRTH or UKSTD.
4	RFP Vol. 1	1. Introduction, Point VIII	16	VII. Supply, install, integrate and commission ICT infrastructure including video walls, workstations , networking and other hardware and software components required at Command and Control Centre(Transport head Quarter Uttarakhand)and Mini control centres. VIII. Supply, install, integrate and commission nonICT infrastructure including furniture and fixtures and other components at the Command and Control Centre and MCC.	We request you to provide more details on the centre wise quantity required for the ICT and Non ICT components	Addressed at Page no. 13, Query no. 7

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5	RFP Vol 1	2.2 Eligible Bidders	19	2.2.3. The Bidder or any of its sub-contractors shall not be a vehicle tracking device manufacturer having an AIS-140 certified device.	As per MoRTH guideline please include that bidder or any of its subcontractor should not be directly or indirectly involved in VLTD manufacturing or in service of E-SIM connectivity.	Addressed at Page no. 3, Query no. 1
6	RFP Vol 1	3.4. Pre-Qualifying Criteria for Bidders, point 5	34	1. The Bidder must have a vehicle location tracking backend system tested and certified as per AIS-140 standard from a test agency prescribed in CMVR 126. 2. The Bidder must meet at least one of the qualifying criteria as below: i. Implementation of VTS (Vehicle Tracking System) in one single Similar Project for at least 10000 Vehicles OR ii. Implementation of VTS (Vehicle Tracking System) in two (2) Similar Projects for at least 10000 Vehicles. Similar Project will be defined as a project of Implementation of VTS (Vehicle Tracking System) with third-party vehicle tracking devices (of minimum 3 different makes) for Government / PSU entities for Public Service vehicles and has been operational for at	There is a discrepancy in experience of no of vehicles required in single project or two similar project as both of the project should have 10000 vehicles. Please consider the cost of project too along with volume of vehicle. For example One similar project costing 7 Cr or two similar project costing 5 Cr. Also please qualify a bidder with having similar experience of AIS140 State Backend Platform with certification irrespective of volume of the project.	Addressed at Page no. 4, Query no. 4

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				least one year during last five years.		
7	RFP Vol. 1	Table No.1:Evaluation Parameter for Technical Proposal, Point 2.C	36	C. Implemented a vehicle tracking system for a Govt. entity/ PSU covering minimum [1,000]para-transit vehicles (taxis)	Please consider any of the transit vehicles including taxis, rickshaw or any other similar public transport vehicles.	Addressed at Page no. 5, Query no. 9
8	RFP Vol. 1	9.7. Technical Manpower/Helpdesk	90	Operator (Monitoring) 36 (Thirty Six) No. of Shifts: 3 Operator (HelpDesk) 20 (Twenty) No. of Shifts: 3	Please clarify the number of manpower required in each shift.	<p>RFP & BOQ is being amended.</p> <p>Manpower requirement to be read as :-</p> <p>CCC:</p> <p>Project manager - 01</p> <p>Control Room Expert- 01</p> <p>Operators- 03 Operators per shift (total 3 shifts) = 12 (including 01 weekly off day for all operators)</p> <p>Helpdesk- 02 helpdesk personnel per shift (total 3 shifts) = 08 (including 01 off day for 02 staffs)</p> <p>Office Attendants: 01 per shift= 04</p> <p>MCC (Total 03 MCC):</p> <p>Operators- 02 operators for 01 shift= 06</p> <p>Helpdesk- 1 helpdesk personnel for 01 shift) at MCC (Total 03 MCC) = 03</p> <p>Total operator- 12+06=18</p> <p>Total helpdesk staff – 08 + 03=11</p> <p>Total Office Attendants- 4</p> <p>Note :- above manpower shall be scalable as per the requirement of transport department, Uttarakhand.</p>

9	BoQ	Quantity Line Item 7.3,7.4	-	Basic Rate	Shall bidder insert the value of per person for 5 years in unit rate? Please clarify.	As per BOQ
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4. SALTRIVER INFOSYSTEM PVT. LTD. के ई-मेल पत्र दिनांक 19-09-2023 का अवलोकन करने का कष्ट करें, जिसके अन्तर्गत निम्नवत अवगत कराया गया है-

S. No.	Volume No.	Clause No.	Page No	Content of RFP required Clarification	Clarification Sought	Department Decision
1	Vol 1	-	-	Pre-bid meeting details 23.09.2023, 3:00PM	We request you to allow pre-bid meeting to be attended online via weblink	Updated in Corrigendum released on dated 22.09.2023
2	Vol 1	2.2 Eligible Bidders	19	2.2.3. The Bidder or any of its subcontractors shall not be a vehicle tracking device manufacturer having an AIS-140 certified device.	Kindly do not allow such bidders which are involved in AIS140 Device manufacturing or it's component services via company or its subsidiary	Addressed at Page no. 3, Query no. 1
3	Vol 1	3.4. Pre-Qualifying Criteria for Bidder	33	-	Please allow consortium between two entities	Declined
4	Vol 1	3.4. Pre-Qualifying Criteria for Bidder, 5. Technical Capability	34	1. The Bidder must have a vehicle location tracking backend system tested and certified as per AIS140 standard from a test agency prescribed in CMVR 126.	Please remove this criteria for better participation in the tender.	Declined

5	Vol 1	3.4. Pre-Qualifying Criteria for Bidders, point 5	34 1. The Bidder must have a vehicle location tracking backend system tested and certified as per AIS140 standard from a test agency prescribed in CMVR 126. 2. The Bidder must meet at least one of the qualifying criteria as below: i. Implementation of VTS (Vehicle Tracking System) in one single Similar Project for at least 10000 Vehicles OR ii. Implementation of VTS (Vehicle Tracking System) in two (2) Similar Projects for at least 10000 Vehicles. Similar Project will be defined as a project of Implementation of VTS (Vehicle Tracking System) with third party vehicle tracking devices (of minimum 3 different makes) for Government / PSU entities for Public Service vehicles and has been operational for at least one year during last five years.	Please reduce the number of vehicles in similar experience to 3000 vehicles or 3 Cr. value in single project or 1500 vehicle or 1.5 Cr value in two projects.	Addressed at Page no. 4, Query no. 4
6	Vol 1	Table No.1:Evaluation Parameter for Technical Proposal, Point 2.C	36 C. Implemented a vehicle tracking system for a Govt. entity/ PSU covering minimum [1,000] para-transit vehicles (taxis)	Please reduce the number of vehicles to 500 taxis.	Addressed at Page no. 5, Query no. 9

7	Vol 1	12.2. Timelines & Deliverables, Table 2: Milestone & Completion Timeline for Application, Point 2 & 3	10 0	Commissioning of MCC: Application Customization/ Testing covering all the steps given in PROPOSAL (providing necessary certification for the entire system), hardware installation Pilot Testing with emergency button installed in following vehicles: • PSV: 100 Numbers • National Permit: 100 numbers	Please increase the timeline for MCC commissioning.	Time line is being streamlined.
8	Vol 1	12.2. Timelines & Deliverables, Table 2: Milestone & Completion Timeline for Application, Point 2 & 3	10 0	Pilot Testing with emergency button installed in following vehicles: • PSV: 100Numbers • National Permit: 100 numbers	Who will borne the cost of 200 pilot test vehicle devices?	Implementation Agency

5. AUTO FURZE TRAVEL SOLUTIONS PVT. LTD. M-01/02], PHASE-II, BEST STAFF QTRS. GHATKOPER (EAS) MUMBAI - 400076 के ई-मेल पत्र दिनांक 19-09-2023 का अवलोकन करने का कष्ट करें, जिसके अन्तर्गत निम्नवत अवगत कराया गया है-

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S. No.	Volume No.	Clause No.	Page No.	Content of RFP required Clarification	Clarification Sought	Department's Response
1	-	1	13	RFP Reference Number	Kindly clarify as its kept blank	Updated in Corrigendum released on dated 22.09.2023
2	-	14	13	Proposer shall submit an EMO of 20,00,000/- (Rupees Ten Lakhs Only}	What is the correct amount	Updated in Corrigendum released on dated 22.09.2023
3	-	18	14	Estimated Project Cost (in INR Crore} 10 Crore. Is this amount is for 66 Months	Whether it is including or excluding GST of 18% & please clarify the period for 10 Crore	GST Included. amount is for 6+ 60 Months
4	-	2.2	19	The Bidders eligible for participating in the Bidding Process shall be a business entity incorporated under the Companies Act, 1956/2013.	Kindly clarify whether it is a single entity or group of entities. We request you to consider group of entities coming together	Central Govt. Organizations including CPSUs, Companies, Autonomous bodies will be allowed.
5	-	3.4.2-2	33	Pre- Qualifying Criteria for Bidders- Period of Business for more than (5 years] as on Proposal Due Date.	We request you to consider more than three years as on Proposal Due Date.	Accepted.
6	-	3.4.2-3	34	Annual Turnover- The Bidder must have an average annual turnover of at least INR 50 Crores during the last three completed financial years	We request you to kindly consider 50 Lakhs during the last three completed financial years	Addressed at Page no. 17, Query no. A.1
7	-	3.4.2-5	34	Technical Capability - Implementation of VTS (Vehicle Tracking System) in one single Similar Project for at least	We request for 100000 and above vehicles from any number of orders	Addressed at Page no. 4, Query no. 4

				10000 Vehicles or Implementation of VTS (Vehicle Tracking System} in two (2) Similar Projects for at least 10000 Vehicles		
8		3.9.2	42	The Successful Bidder shall execute the Agreement within [fifteen (15)) days of the date of issue of LOA or within such other period as may be communicated by the UKSTD	we request you to kindly consider for 30 days	Declined
9		4 & 19	44	Kindly note format for pre bid quarries are Annexure 24 and not 14 as mentioned in document	Consider the Annex 24 for pre bid quarries	Annexure 24
10		9.4.1	86	The MCC should be logically divided in zones, each zone having different objective, based on its functionality. The respective area of each zone shall vary depending upon the function and the manpower	Kindly let us know the Area allotted to MCC and request to give the drawing for making MCC as per requirement of ZONES	Three MCCs pertain to Almora, Haldwani and Pauri Regions of UKSTD.
11		9.7	89 & 90	Technical Manpower/ Helpdesk Total mentioned is 64	Total manpower mentioned is very high. Request you to reduce to minimum	Addressed at Page no. 29, Query no. 8
12		12.3	101	Terms of Payment Schedule	Request you to consider mobilization amount of minimum 20% of project cost	Addressed at Page no. 15, Query no. 11

					on acceptance of LOI and on Agreement	
13		1.3	104	Current Status	Kindly clarify total number of permit vehicles in the state and number of vehicles are already fitted with AIS 140	Being updated.
14		All items	140 - 141	ANNEXURE 7: BOQ	Kindly let us know how many MCC required at state.	Addressed at Page no. 34, Query no. 10

6. STAR TELEINFOMATICS PVT. LTD. के ई-मेल पत्र दिनांक 20-09-2023 का अवलोकन करने का कष्ट करें, जिसके अन्तर्गत निम्नवत अवगत कराया गया है-

S. No.	Volume No.	Clause No.	Page No.	Content of RFP required Clarification	Clarification Sought	Department's Response
1	2.2 Eligible Bidders	2.2.3	19	The Bidder or any of its sub-contractors shall not be a vehicle tracking device manufacturer having an AIS-140 certified device.	To be mention that bidder or its sub-contractor shall not sell devices in state of Uttarakhand	Addressed at Page no. 3, Query no. 1
2	2.15 Miscellaneous	Additional Points	23	Suggestion - Additional Points	Value Added service to be charged extra as per requirement of Stake holder	Addressed at Page no. 3, Query no. 2
3	Table No.1: Evaluation Parameter for Technical Proposal	1. Company Profile	36	Marks - 30	Marks 45	Marks Allotted 40

4	Table No.1: Evaluation Parameter for Technical Proposal	1. Company Profile	36	<p>A. Turnover Marks Allotted - 15</p> <p>More than 200Cr 15 Ø 100 Cr to <= 200Cr 10 >= 50 Cr to <=100 Cr 5</p> <p>A. Turnover Marks Allotted - 15 Marks</p> <p>More than 100Cr 15 Ø 75 Cr to <= 100Cr 10 >= 50 Cr to <=75 Cr 5</p> <p>B. Certification - 15 Marks</p> <p>ISO 9001:2008 or latest - 5 CMMI 3 or above - 10</p>	<p>A. Turnover Marks Allotted - 15</p> <p>More than 200Cr 15 Ø 100 Cr to <= 200Cr 10 >= 50 Cr to <=100 Cr 5</p> <p>B. Certification - 15 • ISO 20000-1:2018, ISO 45001:2018, ISO 14001:2015 and ISO 9001:2015 - 5 Marks CMMI 3 or above - 10 Marks</p> <p>C. Map Capabilities - 15 Marks Description The Bidder solution is based on indigenous and own proprietary maps - 15 Marks The Bidder solution is based on indigenous maps - 5 Marks</p>	Addressed at Page no. 18, Query no. A.2
5	12.2. Timelines & Deliverables	12.2 Table 2 Point 5	100	<ul style="list-style-type: none"> Establish the Monitoring and control center including supply and installation of ICT hardware with connectivity to NIC Cloud, internal LAN and redundant Internet connectivity at CCC & MCC Deployment of Manpower (Operators/Helpdesk) 	<ul style="list-style-type: none"> Establish the Monitoring and control center including supply and installation of ICT hardware with connectivity to Cloud, internal LAN and redundant Internet connectivity at CCC & MCC Deployment of Manpower (Operators/Helpdesk) 	Addressed at Page no. 9, Query no. 21
6	Table No.1: Evaluation Parameter for Technical Proposal	WORK EXPERIENC E	36	A. Implementation of VTS for below mentioned quantities across multiple Similar Projects (as defined in Eligibility Criteria) (maximum 3	. Implementation of VTS for below-mentioned quantities across multiple Similar Projects (as defined in Eligibility Criteria) (maximum 3 projects): o >= 1000 vehicles <= 2000 vehicles – 10 marks	Addressed at Page no. 5, Query no. 8

				projects): o >= 10000 vehicles <= 12000 vehicles - 10 marks o > 12000 vehicles <= 15000 vehicles - 15 marks o > 150000 vehicles - 20 marks	o > 2000 vehicles <= 4000 vehicles - 15 marks o > 4000 vehicles - 20 marks	
7	Table No.1: Evaluation Parameter for Technical Proposal	Approach & Methodology	37	B. Technologies proposed, Solution Design & Approach for overall solution and key solution components: • Overall solution architecture • Integration with VAHAN and e-Challan • Overall application architecture • Vehicle Tracking data processing and storage • Addressing scalability, performance, availability and manageability requirements • Map engine and GIS management 5 Marks	B. Technologies proposed, Solution Design & Approach for overall solution and key solution components: • Overall solution architecture • Integration with VAHAN and e-Challan • Overall application architecture • Vehicle Tracking data processing and storage • Addressing scalability, performance, availability and manageability requirements • Map engine and GIS management 3 Marks	Declined. As per original RFP.
8	Table No.1: Evaluation Parameter for Technical Proposal	Approach & Methodology	37	C. Technologies proposed, Solution Design & Approach for Infrastructure, data and network: • Compute infrastructure design & implementation • Network & communication design & implementation Data Management (Storage, replication, back-up, archival,	C. Technologies proposed, Solution Design & Approach for Infrastructure, data and network: • Compute infrastructure design & implementation • Network & communication design & implementation Data Management (Storage, replication, back-up, archival, retrieval, etc.) • Business continuity plan and Disaster	Declined. As per original RFP.




				retrieval, etc.) • Business continuity plan and Disaster recovery On-board Device integration & management • Infrastructure and SLA Management 5 Marks	recovery On-board Device integration & management • Infrastructure and SLA Management 3 Marks	
9	Table No.1: Evaluation Parameter for Technical Proposal	Approach & Methodology	37	E. Testing and Certification Plan • Approach • Testing Plan • Certification commitment 2.5 Marks	E. Testing and Certification Plan • Approach • Testing Plan • Certification commitment 1.5 Marks	Partially Accepted. To be read as :- E. Testing and Certification Plan • Approach • Testing Plan • Certification commitment 2 Marks
10	Table No.1: Evaluation Parameter for Technical Proposal	Approach & Methodology	38	F. Project Plan • Comprehensiveness of the project plan • Proposed project implementation schedule with activities, timelines and dependencies for all important milestones • Development, Testing & Implementation Plan • Change Management plan • O & M Plan 2.5 Marks	F. Project Plan • Comprehensiveness of the project plan • Proposed project implementation schedule with activities, timelines and dependencies for all important milestones • Development, Testing & Implementation Plan • Change Management plan • O & M Plan 1.5 Marks	Partially Accepted. To be read as:- F. Project Plan • Comprehensiveness of the project plan • Proposed project implementation schedule with activities, timelines and dependencies for all important milestones • Development, Testing & Implementation Plan • Change Management plan • O & M Plan 2 Marks
11	Table No.1: Evaluation Parameter for Technical Proposal	Technical Demonstration & Presentation	38	7 Marks A. Live demonstration of the Bidder's solution - 4 Marks B. Presentation demonstrating	5 Marks A. Live demonstration of the Bidder's solution - 3 Marks B. Presentation demonstrating capabilities	Declined. As per original RFP.

				capabilities against the parameters highlighted in Approach & Methodology and timelines. - 3 Marks	against the parameters highlighted in Approach & Methodology and timelines. - 2 Marks	
12	Table No.1: Evaluation Parameter for Technical Proposal	Manpower Proposed for the Project	38	8 Marks Each of the following profiles suggested by the bidder will be evaluated: Profile Marks Allotted Project Manager 4 Command and Control Centre Expert 4	5 Marks Each of the following profiles suggested by the bidder will be evaluated: Profile Marks Allotted Project Manager - 2.5 Marks Command and Control Centre Expert - 2.5 Marks Under Discussion	Partially Accepted. To be read as:- 4 Marks Each of the following profiles suggested by the bidder will be evaluated: Profile Marks Allotted Project Manager - 2 Marks Command and Control Centre Expert - 2 Marks
13	Table 2: Positions Identified for Key Resources and Minimum Qualification	Project Manager	39	Project Manager (Total Weightage = 4 Marks)	Project Manager (Total Weightage = 2.5 Marks)	Project Manager (Total Weightage = 2 Marks)
14	Table 2: Positions Identified	Command and Control Centre Expert	39	Project Manager (Total Weightage = 4 Marks)	Project Manager (Total Weightage = 2.5 Marks)	CCC expert (Total Weightage= 2 marks)

	for Key Resources and Minimum Qualification					
15	6.3. Vehicle Location Tracking (VLT) Software	FR 39	51	Capability to create city/state specific and general business rules.	Please elaborate on the business rules and city specific rules that we might want to incorporate	This pertains to incorporation of specific speed limits, geo-fencing routes or areas, setting up emergency alert priorities etc.
16	3.4. Pre-Qualifying Criteria for Bidders	Point no 5 Technical Capability	34	Additional Point	3) The proposed solution should ensure that no data transaction is happening through server located outside the country including map data	Addressed at Page no. 4, Query no. 5
17	6.3. Vehicle Location Tracking (VLT) Software	FR 40	51	The system shall allow the Transport Department, Govt. of Uttarakhand to show VLT manufacturer wise device installation and Uptime Status on Transport Department, Govt. of Uttarakhand portal (without login), for the permit holders.	Please confirm if API to be consumed by the Transport Department website towards this requirement shall be sufficient	API will be provided by UKSTD.
18	6.7 Graphical user interface(GUI) Requirement	FR 105	56	To generate the over speeding alert, for different vehicles as per the over speed threshold set for different types of vehicles/Roads.	We understand that, Road level speed data will be provided by the dept which bidder can share with MAP supplier.	Road level speed data will be provided by UKSTD.
19	6.7 Graphical user	FR 107	57	System shall have a facility, as soon as the vehicle enters another city / state area, the	We understand that MoRTH will collect all state backend data and share the same with relevant states. Are we referring to	Will be developed in future as per the guidelines from MORTH.

	interface(G UI) Requirement			vehicle should be visible to the command and control center of the visiting state.	same process here, if not, kindly guide on how to share data with other State backend.	
20	Table No.1: Evaluation Parameter for Technical Proposal	Approach & Methodology	37	<p>D. Technologies proposed, Solution Design & Approach for data processing and integration:</p> <ul style="list-style-type: none"> • Emergency Alerts and violation detection, processing and notification • Integration with other portals. • Mechanism developed for NERSS • E-sim recharge facility for Vehicle owner • Billing tool • MIS and reporting • Helpdesk <p>5 Marks</p>	<p>D. Technologies proposed, Solution Design & Approach for data processing and integration:</p> <ul style="list-style-type: none"> • Emergency Alerts and violation detection, processing and notification • Integration with other portals. • Mechanism developed for NERSS • E-sim recharge facility for Vehicle owner • Billing tool • MIS and reporting • Helpdesk <p>3 Marks</p>	Declined. As per original RFP.
21	Table No.1: Evaluation Parameter for Technical Proposal	Approach & Methodology	36	<p>A. Understanding of project requirements, w.r.t.:</p> <ul style="list-style-type: none"> · Stakeholder requirements (Transport, Disaster, Tourism, Police requirements, Permit holder's requirements, etc.) · IT Infra Requirement (hardware, software, connectivity) · Integration with front-end devices 	<p>A. Understanding of project requirements, w.r.t.:</p> <ul style="list-style-type: none"> · Stakeholder requirements (Transport, Disaster, Tourism, Police requirements, Permit holder's requirements, etc.) · IT Infra Requirement (hardware, software, connectivity) · Integration with front-end devices · Integration with external IT systems <p>Overall solution - 3 Marks</p>	Declined. As per original RFP.




				<ul style="list-style-type: none"> Integration with external IT systems 		
22	6.1. MCC APPLICATION SOFTWARE	FR 13	48	<p>Overall solution - 5 Marks</p> <p>Manage the user hierarchy, locations, Roles & Responsibilities within the system:</p> <p>1. Permit Holder:</p> <ul style="list-style-type: none"> • get notifications of permit violations of specified vehicle(s) • get notifications of emergency alerts from of specified vehicle(s) • Live track his vehicles • History track of his vehicle's movements <p>• Other reports</p> <p>2. VLT Device Manufacturer / Authorized dealers/ Service Center</p> <ul style="list-style-type: none"> • View MIS details for devices supplied by him • view reports regarding number of devices not functional/functional devices • enter the details pertaining to Sim & Permit holder on the State Backend • Facility for Debugging Device/ replacement of Device. <p>3. Vehicle Manufacturer</p> <ul style="list-style-type: none"> • tag/link the VLTD with the corresponding vehicle details 	<p>Manage the user hierarchy, locations, Roles & Responsibilities within the system:</p> <p>1. VLT Device Manufacturer / Authorized dealers/ Service Center</p> <ul style="list-style-type: none"> • View MIS details for devices supplied by him • view reports regarding number of devices not functional/functional devices • enter the details pertaining to Sim & Permit holder on the State Backend • Facility for Debugging Device/ replacement of Device. <p>2. Vehicle Manufacturer</p> <ul style="list-style-type: none"> • tag/link the VLTD with the corresponding vehicle details in VAHAN at the time of fitment of VLTD on a vehicle • view reports regarding number of devices not functional/functional devices <p>3. Transport Officials –Enforcement:</p> <ul style="list-style-type: none"> • Should be able to select geographic area • Should be able to generate notifications of permit violations <p>4. Transport Officials – Administration</p> <ul style="list-style-type: none"> • get notifications of emergency alerts from of specified vehicle(s) • Tracking based on Filters as defined in the requirements • Live track his vehicles <p>History track of his vehicle's movements</p>	Addressed at Page no. 7, Query no. 15




				<p>in VAHAN at the time of fitment of VLTD on a vehicle</p> <ul style="list-style-type: none"> • view reports regarding number of devices not functional/functional devices <p>4. Transport Officials – Enforcement:</p> <ul style="list-style-type: none"> • Should be able to select geographic area • Should be able to generate notifications of permit violations <p>5. Transport Officials – Administration</p> <ul style="list-style-type: none"> • get notifications of emergency alerts from of specified vehicle(s) • Tracking based on Filters as defined in the requirements • Live track his vehicles <p>History track of his vehicle's movements</p> <ul style="list-style-type: none"> • Other functionality as detailed further in documentation. • Administration/ configuration for UKSTD. 	<ul style="list-style-type: none"> • Other functionality as detailed further in documentation. • Administration/ configuration for UKSTD. 	
23	7.2 Road safety Add-On from VLTD	FR 04	78	IA shall provide a Driving pattern and driving profiling tools to identify road safety issues and provide the same to State as well as on Permit holder login/ mobile app.	IA shall provide a Driving pattern and driving profiling tools to identify road safety issues and provide the same to State.	Addressed at Page no. 8, Query no. 16
24	9.2. Monitoring	9.2.1	84	I. Real time Tracking of Vehicles for various	Real time Tracking of Vehicles for various stakeholders like Transport	Addressed at Page no. 9, Query no. 17

	and Control Center (MCC)			stakeholders like Transport Department officials, permit holders and other agencies etc.	Department officials, police and other statutory govt bodies.	
25	6.10.2 Integration with ERSS	FR 188	65	In case of press of an emergency button, the VLT device will send data directly to the emergency response system of the respective State. In addition, the backend system will send the alert to the respective permit holder via, as decided by the Transport Department, Govt. of UK	In case of press of an emergency button, the VLT device will send data directly to the emergency response system of the respective State. In addition, the backend system will send the alert to the respective permit holder via API to integrated AIS140 VLTD Manufacturer Application, as decided by the Transport Department, Govt. of UK	Addressed at Page no. 9, Query no. 18
26	12.2. Timelines & Deliverables	12.2 Table 2 Point 3	100	Submission of Deployment plan for hosting State backend and DR on NIC Cloud (detailed computation and storage), End user Infra at MCC, Vehicle tracking and Monitoring software and helpdesk along with all other software mentioned in the PROPOSAL, Test Plan, and SOP for all alert handling	Submission of Deployment plan for hosting on Cloud (detailed computation and storage), End user Infra at MCC, Vehicle tracking and Monitoring software and helpdesk along with all other software mentioned in the PROPOSAL, Test Plan, and SOP for all alert handling	Addressed at Page no. 9, Query no. 19
27	12.2. Timelines & Deliverables	12.2 Table 2 Point 4	100	Application Commissioning on NIC cloud	Application Commissioning on cloud	Addressed at Page no. 9, Query no. 20
28	ANNEXURE 7 :BOQ	Application (AIS-140 Comply Application) point 4	142	Cost of Hosting of Application on Cloud Data Center (NIC)	Cost of Hosting of Application on Cloud Data Center (NIC/MeitY approved center)	Addressed at Page no. 10, Query no. 22

S. No.	Volume No.	Clause No.	Page No.	Content of RFP required Clarification	Clarification Sought	Department's Response
1	2.2 Eligible Bidders	2.2.3	19	The Bidder or any of its sub-contractors shall not be a vehicle tracking device manufacturer having an AIS-140 certified device.	To be removed	Addressed at Page no. 3, Query no. 1
2	2.15 Miscellaneous	Additional Points	23	Suggestion - Additional Points	Value Added service to be charged extra as per requirement of Stake holder	Addressed at Page no. 3, Query no. 2
3	3.4. Pre-Qualifying Criteria for Bidders	Point No 4 Net Worth	34	The Bidder must have a positive Net Worth at the closing of last completed financial year. In case, the annual accounts for the last completed financial year are not audited, the Bidder shall submit a certificate from its statutory auditor to this	The Bidder must have a positive Cash Balance of INR 5 Crores at the closing of last completed financial year. In case, the annual accounts for the last completed financial year are not audited, the Bidder shall submit a certificate from its statutory auditor to this effect. In such a case, the Cash Balance of last financial year preceding the last completed	Addressed at Page no. 3, Query no. 3

				effect. In such a case, the Net Worth of last financial year Preceding the last completed financial year shall be taken into consideration.	financial year shall be taken into consideration. Cash Balance means bank balance, including balance in current account and FDRs, it does not include cash in hand	
4	3.4. Pre-Qualifying Criteria for Bidders	Point no 5 Technical Capability	34	The Bidder must have a vehicle location tracking backend system tested and certified as per AIS-140 standard from a test agency prescribed in CMVR 126.	To be removed	Partially accepted. To be read as: The Bidder must have a vehicle location tracking backend system as per AIS-140 standard either tested and certified from a test agency prescribed in CMVR 126 or get it tested and certified within 6 months from the go live.
5	3.4. Pre-Qualifying Criteria for Bidders	Point no 5 Technical Capability	34	2.1. The Bidder must meet at least one of the qualifying criteria as below: i. Implementation of VTS (Vehicle Tracking System) in one single Similar Project for at least 10000 Vehicles Or ii. Implementation of VTS (Vehicle Tracking System) in two (2) Similar Projects for at least 10000 1600 Vehicles.	2.1. The Bidder must meet at least one of the qualifying criteria as below: i. Implementation of VTS (Vehicle Tracking System) in one single Similar Project for at least 1000 Vehicles Or ii. Implementation of VTS (Vehicle Tracking System) in two (2) Similar Projects for at least 1600 Vehicles.	Addressed at Page no. 4, Query no. 4
6	3.4. Pre-Qualifying Criteria for Bidders	Point no 5 Technical Capability	34	Similar Project will be defined as a project of Implementation of VTS (Vehicle Tracking System) with third-party vehicle tracking devices (of minimum 3 different makes) for Government / PSU entities for Public Service vehicles and	Similar Project will be defined as a project of Implementation of VTS (Vehicle Tracking System) with third-party vehicle tracking devices (of minimum 3 different makes) for Government / PSU entities for Public Service vehicles and has been operational for at least one quarter during last three years.	Addressed at Page no. 28, Query no. 6




				has been operational for at least one year during last five years.		
7	3.4. Pre-Qualifying Criteria for Bidders	Manpower Strength	34	The Bidder must have at least 25 technically qualified IT professionals (relevant degree holders B. Tech / B.E / MCA / M. Tech / MBA) full time or permanent staff on company payroll working in the areas of software design & development/ systems integration/ IT infrastructure operations & maintenance/ GPS/ GIS domain experts its rolls as on Proposal Due Date.	To be mention that bidder or its sub-contractor shall not sell devices in state of Uttarakhand	Addressed at Page no. 4, Query no. 6
8	3.4. Pre-Qualifying Criteria for Bidders	Certification Requirements	35	The Bidder must possess valid ISO 27001:2013 certificate for Information Security Management	Value Added service to be charged extra as per requirement of Stake holder	Addressed at Page no. 5, Query no. 7
9	Table No.1: Evaluation Parameter for Technical Proposal	Approach & Methodology	37	B. Technologies proposed, Solution Design & Approach for overall solution and key solution components: <ul style="list-style-type: none"> • Overall solution architecture • Integration with VAHAN and e-Challan • Overall application architecture • Vehicle Tracking data processing and storage 	B. Technologies proposed, Solution Design & Approach for overall solution and key solution components: <ul style="list-style-type: none"> • Overall solution architecture • Integration with VAHAN and e-Challan • Overall application architecture • Vehicle Tracking data processing and storage • Addressing scalability, performance, availability and manageability requirements • Map engine and GIS management 	Addressed at Page no. 38, Query no. 7




				<ul style="list-style-type: none"> Addressing scalability, performance, availability and manageability requirements Map engine and GIS management 	3 Marks							
				5 Marks								
10	Table No.1: Evaluation Parameter for Technical Proposal	Approach & Methodology	37	<p>C. Technologies proposed, Solution Design & Approach for Infrastructure, data and network:</p> <ul style="list-style-type: none"> Compute infrastructure design & implementation Network & communication design & implementation Data Management (Storage, replication, back-up, archival, retrieval, etc.) Business continuity plan and Disaster recovery On-board Device integration & management Infrastructure and SLA Management 	<p>A. Turnover Marks Allotted - 15</p> <table border="0"> <tr> <td>More than 200Cr</td> <td>15</td> </tr> <tr> <td>Ø 100 Cr to <= 200Cr</td> <td>10</td> </tr> <tr> <td>>= 50 Cr to <=100 Cr</td> <td>5</td> </tr> </table> <p>B. Certification - 15</p> <ul style="list-style-type: none"> ISO 20000-1:2018, ISO 45001:2018, ISO 14001:2015 and ISO 9001:2015 - 5 Marks CMMI 3 or above - 10 Marks <p>C. Map Capabilities - 15 Marks</p> <p>Description</p> <p>The Bidder solution is based on indigenous and own proprietary maps - 15 Marks</p> <p>The Bidder solution is based on indigenous maps - 5 Marks</p>	More than 200Cr	15	Ø 100 Cr to <= 200Cr	10	>= 50 Cr to <=100 Cr	5	Addressed at Page no. 38, Query no. 8
More than 200Cr	15											
Ø 100 Cr to <= 200Cr	10											
>= 50 Cr to <=100 Cr	5											
11	12.2. Timelines & Deliverables	12.2 Table 2 Point 5	100	<ul style="list-style-type: none"> Establish the Monitoring and control center including supply and installation of ICT hardware with connectivity to NIC Cloud, internal LAN and redundant Internet connectivity at CCC & MCC 	<ul style="list-style-type: none"> Establish the Monitoring and control center including supply and installation of ICT hardware with connectivity to Cloud, internal LAN and redundant Internet connectivity at CCC & MCC Deployment of Manpower (Operators/Helpdesk) 	Addressed at Page no. 9, Query no. 21						

				<ul style="list-style-type: none"> • Deployment of Manpower (Operators/Helpdesk) 		
12	Table No.1: Evaluation Parameter for Technical Proposal	Approach & Methodology	37	<p>D. Technologies proposed, Solution Design & Approach for data processing and integration:</p> <ul style="list-style-type: none"> • Emergency Alerts and violation detection, processing and notification • Integration with other portals. • Mechanism developed for NERSS • E-sim recharge facility for Vehicle owner • Billing tool • MIS and reporting • Helpdesk <p>5 Marks</p>	<p>D. Technologies proposed, Solution Design & Approach for data processing and integration:</p> <ul style="list-style-type: none"> • Emergency Alerts and violation detection, processing and notification • Integration with other portals. • Mechanism developed for NERSS • E-sim recharge facility for Vehicle owner • Billing tool • MIS and reporting • Helpdesk <p>3 Marks</p>	Addressed at Page no. 42, Query no. 20
13	Table No.1: Evaluation Parameter for Technical Proposal	Manpower Proposed for the Project	38	<p>8 Marks</p> <p>Each of the following profiles suggested by the bidder will be evaluated:</p> <p>Profile Marks Allotted</p> <p>Project Manager 4</p> <p>Command</p>	<p>5 Marks</p> <p>Each of the following profiles suggested by the bidder will be evaluated:</p> <p>Profile Marks Allotted</p> <p>Project Manager - 2.5 Marks</p> <p>Command and Control Centre Expert - 2.5 Marks</p>	Addressed at Page no. 40, Query no. 12

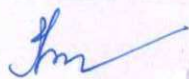



				and Control Centre Expert 4		
14	Table 2: Positions Identified for Key Resources and Minimum Qualification	Project Manager	39	Project Manager (Total Weightage = 4 Marks)	Project Manager (Total Weightage = 2.5 Marks)	Addressed at Page no. 40, Query no. 13
15	6.9. Geographic Information System (GIS)Map	6.9.4. Map Based Tools	62	FR 170 : IA shall ensure availability of high-resolution satellite imagery in the Map platform of resolution [1:2.5m scale]	We understand its 2.5 meters resolution	Addressed at Page no. 6, Query no. 11
16	ANNEXURE 3: MAP DATA	ANNEXURE 3: MAP DATA	106 - 116	Spatial map data is generally organized as various map data layers. A map layer is defined as a table with records that contain both a spatial object and associated text data attributes. The MAP server should provide the list of different layers of MAP data supported. Some of MAP layers needed from MAP server are listed below	We understand all the above map requirements are Map features to be provided as Map Services as a tiles	Addressed at Page no. 6, Query no. 12
18		Command and Control Centre Expert	39	8 Marks		Addressed at Page no. 40, Query no. 12




				Each of the following profiles suggested by the bidder will be evaluated: Profile Marks Allotted Project Manager 4 Command and Control Centre Expert 4		
19	Table No.1: Evaluation Parameter for Technical Proposal	WORK EXPERIENCE	34	Additional Point	3) The proposed solution should ensure that no data transaction is happening through server located outside the country including map data	Addressed at Page no. 4, Query no. 5
20					We understand that, Road level speed data will be provided by the dept which bidder can share with MAP supplier.	Addressed at Page no. 6, Query no. 13
21					We understand that MoRTH will collect all state backend data and share the same with relevant states. Are we referring to same process here, if not, kindly guide on how to share data with other State backend.	Addressed at Page no. 7, Query no. 14
22	Table 2: Positions Identified	Command and Control Centre Expert	39	Project Manager (Total Weightage = 4 Marks)	Project Manager (Total Weightage = 2.5 Marks)	

	for Key Resources and Minimum Qualification				Addressed at Page no. 40, Query no. 13	
23	Table No.1: Evaluation Parameter for Technical Proposal	Technical Demonstration & Presentation	38	<p>7 Marks</p> <p>A. Live demonstration of the Bidder's solution - 4 Marks</p> <p>B. Presentation demonstrating capabilities against the parameters highlighted in Approach & Methodology and timelines. - 3 Marks</p>	<p>5 Marks</p> <p>A. Live demonstration of the Bidder's solution - 3 Marks</p> <p>B. Presentation demonstrating capabilities against the parameters highlighted in Approach & Methodology and timelines. - 2 Marks</p>	Addressed at Page no. 39, Query no. 11
24	6.1. MCC APPLICATION SOFTWARE	FR 13	48	<p>Manage the user hierarchy, locations, Roles & Responsibilities within the system:</p> <p>1. Permit Holder:</p> <ul style="list-style-type: none"> • get notifications of permit violations of specified vehicle(s) • get notifications of emergency alerts from of specified vehicle(s) • Live track his vehicles • History track of his vehicle's movements • Other reports 	<p>Manage the user hierarchy, locations, Roles & Responsibilities within the system:</p> <p>1. VLT Device Manufacturer / Authorized dealers/ Service Center</p> <ul style="list-style-type: none"> • View MIS details for devices supplied by him • view reports regarding number of devices not functional/functional devices • enter the details pertaining to Sim & Permit holder on the State Backend • Facility for Debugging Device/ replacement of Device. <p>2. Vehicle Manufacturer</p>	Addressed at Page no. 7, Query no. 15




			<p>2. VLT Device Manufacturer / Authorized dealers/ Service Center</p> <ul style="list-style-type: none"> • View MIS details for devices supplied by him • view reports regarding number of devices not functional/functional devices • enter the details pertaining to Sim & Permit holder on the State Backend • Facility for Debugging Device/ replacement of Device. <p>3. Vehicle Manufacturer</p> <ul style="list-style-type: none"> • tag/link the VLTD with the corresponding vehicle details in VAHAN at the time of fitment of VLTD on a vehicle • view reports regarding number of devices not functional/functional devices <p>4. Transport Officials – Enforcement:</p> <ul style="list-style-type: none"> • Should be able to select geographic area • Should be able to generate notifications of permit violations <p>5. Transport Officials – Administration</p> <ul style="list-style-type: none"> • get notifications of emergency alerts from of 	<ul style="list-style-type: none"> • tag/link the VLTD with the corresponding vehicle details in VAHAN at the time of fitment of VLTD on a vehicle • view reports regarding number of devices not functional/functional devices <p>3. Transport Officials –Enforcement:</p> <ul style="list-style-type: none"> • Should be able to select geographic area • Should be able to generate notifications of permit violations <p>4. Transport Officials – Administration</p> <ul style="list-style-type: none"> • get notifications of emergency alerts from of specified vehicle(s) • Tracking based on Filters as defined in the requirements • Live track his vehicles History track of his vehicle’s movements • Other functionality as detailed further in documentation. • Administration/ configuration for UKSTD. 	
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				<p>specified vehicle(s)</p> <ul style="list-style-type: none"> • Tracking based on Filters as defined in the requirements • Live track his vehicles <p>History track of his vehicle's movements</p> <ul style="list-style-type: none"> • Other functionality as detailed further in documentation. • Administration/ configuration for UKSTD. 		
25	7.2 Road safety Add-On from VLTD	FR 04	78	IA shall provide a Driving pattern and driving profiling tools to identify road safety issues and provide the same to State as well as on Permit holder login/ mobile app.	IA shall provide a Driving pattern and driving profiling tools to identify road safety issues and provide the same to State.	Addressed at Page no. 8, Query no. 16
26	9.2. Monitoring and Control Center (MCC)	9.2.1	84	I. Real time Tracking of Vehicles for various stakeholders like Transport Department officials, permit holders and other agencies etc.	Real time Tracking of Vehicles for various stakeholders like Transport Department officials, police and other satutory govt bodies.	Addressed at Page no. 8, Query no. 17
27	6.10.2 Integration with ERSS	FR 188	65	In case of press of an emergency button, the VLT device will send data directly to the emergency response system of the respective State. In addition, the backend system will send the alert to the respective permit holder via, as decided by the	In case of press of an emergency button, the VLT device will send data directly to the emergency response system of the respective State. In addition, the backend system will send the alert to the respective permit holder via API to integrated AIS140 VLTD Manufacturer Application, as decided by the Transport Department, Govt. of UK	Addressed at Page no. 9, Query no. 18

				Transport Department, Govt. of UK		
28	12.2. Timelines & Deliverables	12.2 Table 2 Point 3	100	Submission of Deployment plan for hosting State backend and DR on NIC Cloud (detailed computation and storage), End user Infra at MCC, Vehicle tracking and Monitoring software and helpdesk along with all other software mentioned in the PROPOSAL, Test Plan, and SOP for all alert handling	Submission of Deployment plan for hosting on Cloud (detailed computation and storage), End user Infra at MCC, Vehicle tracking and Monitoring software and helpdesk along with all other software mentioned in the PROPOSAL, Test Plan, and SOP for all alert handling	Addressed at Page no. 9, Query no. 19
29	12.2. Timelines & Deliverables	12.2 Table 2 Point 4	100	Application Commissioning on NIC cloud	Application Commissioning on cloud	Addressed at Page no. 9, Query no. 20
30	ANNEXURE 7 :BOQ	Application (AIS-140 Comply Application) point 4	142	Cost of Hosting of Application on Cloud Data Center (NIC)	Cost of Hosting of Application on Cloud Data Center (NIC/MeitY approved center)	Addressed at Page no. 10, Query no. 22

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