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

दूरभाषः 0135—2608105, E-mail: ci-trans-uk@nic.in

संख्या- 4431 / कम्प्यू / 8-172 / 2023

दिनांकः 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—टेण्डर 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 प्रेच्छाओं पर विस्तृत विचार—विमर्श के उपरान्त सभी प्रेच्छाओं का निराकरण करते हुए मूल्यांकन समिति द्वारा निविदा प्रपत्र में कतिपय संशोधन किये जाने की संस्तुति की गयी है। अतः पूर्व निर्गत निविदा एवं कॉरीजेन्डम 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 आर०एफ०पी० / 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।

ON

(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

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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

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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.	Pag e 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 Miscellane ous	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	State of the state	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 3 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.	Selection of the control of the cont	AND A CONTROL OF THE STATE OF T
7	Qualifying Criteria for	Certificatio n Requireme nts		The Bidder must possess valid ISO 27001:2013 certificate for Information Security Management	27001:2022 Ocertificate for Information Security Management as on date of	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 > 150000vehicles - 20 marks	. Implementation of VTS for belowmentioned 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	2. >= 2000 vehicles <5000 vehicles 15 marks 3. >= 5000vehicles – 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 buse - 5 Marks	B. Implemented a vehicle tracking system for a Govt. entity/ PSU /Disaster/Tourism covering minimum [3,000]	Declined. As per original RFP.





10	Table			C. Implemented a vehicle tracking	A MENGEN TO SERVICE OF	Removed.
	No.1: Evaluation Parameter for Technical Proposal	WORK EXPERI ENCE	36	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	California de la confermación de
11	6.9. Geographic Informatio n 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	ANNEXU RE 3: MAP DATA	ANNEX URE 3: MAP DATA	106	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(G UI) Requireme nt	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(G UI) Requireme	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.	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 APPLICA TION SOFTWA RE		48	Manage the user hierarchy, locations, Roles & Responsibilities within the system:  1. Permit Holder: • 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 2. VLT Device Manufacturer / Authorized dealers/ Service Center • 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	Manage the user hierarchy, locations, Roles & Responsibilities within the system: 1. VLT Device Manufacturer / Authorized dealers/ Service Center • 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. 2. Vehicle Manufacturer • 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 3. Transport Officials —Enforcement: • Should be able to select geographic area • Should be able to generate notifications of permit	Manage the user hierarchy, locations, Roles & Responsibilities within the system:  1. VLT Device Manufacturer / Authorized dealers/ Service Center  • 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.  2. Vehicle Manufacturer  • 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  3. Transport Officials —:  • Should be able to select geographic area

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			100 mm 10	Backend • Facility for Debugging Device/ replacement of Device. 3. Vehicle Manufacturer • 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	violations 4. Transport Officials – Administration • 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	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  Police/ NERS  should get emergency alerts on NERS No.
16	8 00% 013		Sen li Malir	IA shall provide a Driving anti-	Total all alker respect as a	*should be able to submit the report of resolution of alert in specified format
	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





8	6.10.2 Integration with ERSS	FR 188	65	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	the VII T device will send data directly to	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.  Submission of Deployment plan for
19	12.2. Timelines &Delivera bles	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	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	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 &Delivera bles	12.2 Table 2 Point	100	Application Commissioning on	Application Commissioning on cloud	Accepted
21	12.2. Timelines &Delivera bles	12.2 Table 2 Point 5	100	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)	· 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		Applicati				Accepted	
	ANNEXU RE 7 :BOQ	on (AIS- 140 Comply Applicati on) 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)	to respondi solutional responding respo	

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.	Pag e 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

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				Street Street	All and the second seco	UKSTD and the furnishing along with ICT equipment shall be provided by IA.
2	NA	Annexure 6	125	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	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.
	1900 TO 1	Series B		tions and the second se	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	il terms

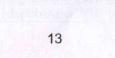
6	NA	9.5	88	Connectivity The IA shall ensure availability of optimal bandwidth and redundant connectivity at the MCC and shall also be responsible for the following: FR 299 Ensuring availability of leased line connectivity at MCC as per the service levels @ 100 mbps	mentions that IA needs to provide	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:
	atanapapada atanapapada	and appear of		Continue  Continue  Continue  Continue  Continue  Continue  Continue	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.	
	nutriya imumi ayaran	ttskenery pri vocasi pri visionista	in the	Landin In material and in the control of the contro	surveillance, Local Storage, video wall controller, and access control system, etc."	Entracket and
5	NA	Annexure 7	140	1.03 420 Rack	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	Local storage to be removed.
	Espainer	and super	140	1.05 42U Rack	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?  The BoQ mentions the requirement of 1	BOQ is being amended.
1	NA	Annexure	140	1. 04 L3 Switch	clarity on the same. As per the BoQ 1 No. L3 switch has been required for the project.	BOQ is being amended. 04 L3 Switch would be required
		FEET SUISE			missing in the BOQ. Kindly provide	

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					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.	Its is unclear from the BOQ whether the IA needs to undertake local area cabling and networking of the MCCs.  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.	Items / Hardware not included in BOQ will be eliminated from the RFP which shall read as follows: 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.
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.	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	GENERAL QUERY – Regarding the migration of existing data from NIC Backend Application	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 perspective of UKSTD on the requirement of migration of existing data to the new AIS-140 backend as this has	Platform will be provided by IA. Existing tracking and notification data will be migrated to new platform by IA.
	Object Season of the Control of the	Transmission I mi sadem flow salte in a large			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.	Delication of the second of th
10	NA	3.4.5	40	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.  GENERAL QUERY – Allowing acceptance of credentials of	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.	As per RFP

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				100% owned subsidiary organization.	This consideration would allow organizations with very strong financials and credentials to bid for this vital opportunity.  Request to kindly append the clause as below:	
	edni es Es urvelle uni ser apuri	Marian of the second of the se		According to the College of the Coll	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	projector (e-sorres) strategrafi colorison colorison
1	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	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"  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.	Timeline and payment terms are being streamlined and 10% mobilization advance of capex is being introduced.
12	NA	12.2. Timelines & Deliverabl	100	General Query	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	As per RFP



				colle bloos delogate agone san	are beyond the control on the IA shall impact the project timelines. In such cases, where the IA have flagged the	n (wa 2004)
				tory and we lat	delays and dependencies in the responses of such external agencies, there shall not be any imposition of penalty on the IA.	
-					Kindly confirm the understanding.	
13	NA	12.3. Terms of Payment Schedule	101	5. Operations Manpower Price - Payments to commence upon Go-Live	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.	Accepted.  "5. Operations to be amended as follows Manpower Price- Payment to commence upon Actual Deployment of Manpower (Operators/ Helpdesk)"
		trataganga Properties Street as one	e land Sale tus gast sale		It is requested to amend the clause as below: "5. Operations Manpower Price - Payments to commence upon Deployment of Manpower (Operators/ Helpdesk)"	Cathorine 7 (CES 2 (EE) Applicable (CES) (
1	NA	12.3. Terms of Payment Schedule		3. Annual Maintenance for Software, Hardware and Other Equipment	Software, Hardware and Other Equipment so how can the authority make payment to the IA?	Annual maintenance is included under operation and maintenance.
				The state of the s	Request the authority to create placeholders in the BOQ for the IA to	



				parti e filosos rendicir. Separares ed 1898	provide cost for Annual Maintenance for Software, Hardware and Other Equipment.	Department Decision
S. No	Volume No.	Clause No.	Pa ge No	Content of RFP required Clarification	Clarification Sought	
A.1	NA	3.4.2 S.No.3	34	The Bidder must have an average annual turnover of at least INR 50Crores during the last three completed financial years. 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.	page No 14 of the RFP the estimated Project Cost (in INR Crore) is 10 Crore.	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 Croreduring the last three completed financial years".

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				The state of the s	abi Lumin	financial years".	last three completed		
-		3.4.4 S.No.1A	36	Turn over	Marks	As per the Bid Dat	ta Sheet point No 18 on		
A.2	NA	3.4.4 3.NU.IA	30	Turn over	Allowed	page No 14 of the	RFP the estimated		
				More than 100Cr	15	Project Cost (in IN	IR Crore) 10 Crore.		
		The Algebra and St.		> 75 Cr to <=	10	The implementati	ion period of the		
				100Cr	10	project is 6 month	hs in which the major		
				>= 50 Cr to<=75	5	capital expenditu	re shall be incurred. It		
	73.9	when the same	Wag.	Cr Cr	A ROOK OF	is estimated that	approximately 60% of	A. Turnover Marks Allo	otted - 15
	Labracian Co.	a desermanch	100	CI	100 300	the project cost s	hall become the part of	A. Tulliovel Marks 1 m.	
	muhiba in pa	ans computators	PAR	Market Training of		CAPEX.		More than 100Cr	15
	Tentanii	no increase por b	U CORNE	market place		Thus going by the	logic the bidder should	> 50 Cr to <= 100Cr	10
	a distribution of	SALE TRANSPARENT	1	2005 - 10 is 5 5/1		have minimum to	urnover of 2 times the	>= 25 Cr to<=50 Cr	5
	anuel at the se	Serence of the series		The section		capital expenditu	ire of the project to be		
	C C C	DOCUMENT OF THE REAL	1200	100 May 100 May 30 May 23			lly execute the project,	B. Certification – 15	
		and the same of th	1	to had out 6		which is approxir	mately 12-15 Crore.	• ISO 9001:2008 or lat	
	Page 1998	NA SOURCE ARREST			1	Thus keeping 500	Cr as average turnover	• ISO 20000-1:2018, IS	SO 45001:2018,
	COLD COLDINA	The same of the same of		bluski tebil		during the last th	ree financial years is	ISO 14001:2015 and I	80 9001:2015 - 1
	Parties and States	figures and the		our service.			and vitiates the free	Marks	15 Marks
3				- 60 to Vice (1		and fair competi	tive bidding/ level	• CMMI 3 and above-	15 Walks
				The state of the s		playing field amo	ong the bidders which	C. Map Capabilities -	10 Marks
	1			and the second s			sed in view of free and	The Bidder solution	is based on
				Balley Charles Co.		fair competitive	bidding.	indigenous and own pr	
		1	1	A CHEWIN				10Marks	
	1 190			1 10 1 50		It is thereby requ	uested to amend the	The Bidder solution is	based on
				The state of the s			in sync with the project	indigenous maps - 5 M	1arks
				Dast # 275		requirement as			
	land a second			arms (etc.)		Turn over	Marks Allowed		
						More than	15	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
						50Cr			
			12 100		> 25Cr to<= 50Cr	10			
1				Ship and		>= 15 Cr	5		

	PROPERTY.			to<=25 Cr	
A.3 NA	3.4.5	40	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.  GENERAL QUERY – Allowing acceptance of credentials of 100% owned	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.  This consideration would allow	As per RFP
	out of the second		subsidiary/Associate organization.	organizations with very strong financials and credentials to bid for this vital opportunity.  Request to kindly append the clause as below:	prise in the control of the control
	t denare 3 <sup>th be</sup>		THE THE LOCATION OF THE LOCATI	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	

B.1	NA	0.4.7			considered, should submit certificate to transfer knowhow to the bidder firm as and when required.	
		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.	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 shal be facilitated by IA. The space for Mini Control Centers will be provided by UKSTD and the furnishing along with
3.2 NA	Annexure 6	5- 13 9	8. Projector 9. Firewall 4. Video Conference Server for Local Centralized Storage and Other Local Applications (including 100 FB Storage) 11. Additional Local Centralized Storage of .000TB 2. EPABX/ Telephone 4. CCTV with NVR (Extended torage)	Kindly clarify the understanding	be facilitated by IA. The space for Mini	

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.3 1	NA	Annexure 6	12 9	7. Access Control System (Finger Biometric)	As per the BOQ, the number of role defined users required is 100.	Addressed at Page no. 11, Query no. 3
				Antibra Johnson Lee	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.	
				leather a left door S	Request to kindly clarify the following:	
				han jainet edam	There are just 4 control centres     (Dehradun, Almora, Pauri and	
	y on result			May A Transcript Dr. 10003 West	Haldwani) but the BOQ does not provide the requirement of Access	recol as E.S. ask
				and to prove to	Control Devices, which to our understanding shall be 4 units. Kindly clarify the understanding and amend	Control (Control (Con
				noted for Continendative X of the BOC/GS thy requires EARCX	To use role-based access, the local servers are required which is missing in the BOQ. Kindly provide clarity on the same.	SSANT DOMA DE SOT
3.4	NA	Annexure 7	14	1.04 L3 Switch	As per the BoQ 1 No. L3 switch has been required for the project.	Addressed at Page no. 12, Query no. 4
				mest (SCIP) sold out at our rise on the six Years of our rise of a and a but our rise of a production	Kindly clarify the following:  1. How can 4 control rooms work on just 1 no. of L3 switch?  Will the 3 other control rooms do not require L3 switch or the client shall provide the same?	All the state of t
B.5	NA	Annexure 7	14	1.05 42U Rack	The BoQ mentions the requirement of 1 rack whereas in FR291 in Clause 9.4.7	Addressed at Page no. 12, Query no. 5

	E op rous	55 on ugos 16		crementer of role  ulred is 100  conservations  other Mcc  charty the following  c decem or commit	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.	Addressed at Page no. 12 Overy no. 6
B.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:  Kindly provide the head for Connectivity in the CAPEX & OPEX of the BOQ (as lease line connectivity requires CAPEX cost too)	Addressed at Page no. 12, Query no. 6
B.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	It is unclear from the BOQ whether the IA needs to undertake local area cabling and networking of the MCCs.  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.	Addressed at Page no. 13, Query no. 7

The first over the requirement of a Faddres of a Pagerses 12, Oceanous sal

				Quarter Uttarakhand) and Mini control centres.	re to Listing Gulf Japan.	
B.8 NA	8 Hosting on Cloud	83	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	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	
	A Valia			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.	is tracking elections in there's to clause in a Debye alares (it and the VIT and all Map is no merition of a significant of significant of significant of significant of the Significant	When the same of t
.9 NA	NA	8 Hosting on Cloud	83		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.	Addressed at Page no. 14, Query no. 9
					Kindly clarify the requirement from the	

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			11 16		perspective of UKSTD on the	
D					requirement of migration of existing	:eu01
					data to the new AIS-140 backend as this	SHALL
	A on your	Claric mark to		olds A At the chartest particle state.	has large cost and time implication.	AM BERGERS ON BESTER SE
		The state of the s		continued from the state of	a secure to secure the areas and	reti al bue O
	CENT MARK			enconstruction and address	In case UKSTD intends to migrate the	eterns:
200				C ALTOGO AL SANDOS	data to new backend, it needs to provide	Lav X
				That is in an entire of heir	details of the backend and the size of	Substitution of the Control of the C
					the complete dataset in the RFP	
					requirement so that all the prospective	
	The state of the				bidders are made aware of the	
	7-15-65				requirement and the cost of migration is	NRC-
					considered in their financial proposals.	n artt
_		42.2 T	10	Vehicle Tracking Platform and	Refer to clause 12.2. Timelines	Addressed at Page no. 15, Query no. 11
.1	NA	12.3. Terms of	10	GIS Map –	&Deliverables (page 100) in which there	
		Payment	1	60% of the VTP and GIS Map	is no mention of the milestone of	
	Profession	Schedule		price on acceptance of	"Acceptance of commissioning of	
				commissioning of Vehicle	Vehicle Tracking Platform"	
					vernere reacting radjorns	
				Tracking Platform	Request to kindly confirm against which	
					Sl. No. of the clause 12.2. Timelines &	
	1300				Deliverables against the same shall be	
					considered as the milestone to be	
					eligible for payment to the IA.	
			1-	6 10	Since the project involves internal and	Addressed at Page no. 15, Query no. 12
.1	NA	12.2. Timelines	10	General Query	external dependencies for timely	AN AN AN AN AN AN AN
	H. OH (COM)	& Deliverables	0	SEEM DIVISION SEEM - 2001 1900	execution and delivery, it is pertinent	The sales of the s
				to bracked out of a	that any external dependencies upon	
				STIT and as on the dine	the department, NIC or any agencies	many and a second
				e bid queries 58281		
				to registered in Marp	which are beyond the control on the IA	
				Transportation recursive	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.  Kindly confirm the understanding.	16.0
3.1		12.3. Terms of Payment Schedule	10 1	5. Operations Manpower Price - Payments to commence upon Go-Live	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.  It is requested to amend the clause as below:  "5. Operations Manpower Price - Payments to commence upon Deployment of Manpower (Operators/ Helpdesk)"	Addressed at Page no. 16, Query no. 13
B.13	NA	12.3. Terms of Payment Schedule		3. Annual Maintenance for Software, Hardware and Other Equipment	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?  Request the authority to create placeholders in the BOQ for the IA to provide cost for Annual Maintenance for	Addressed at Page no. 16, Query no. 14

Software, Hardware and Other	
Equipment.	

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.	Pa ge 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 R	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	Please reduce the EMD amount to 10 lakhs as mentioned in the amount in words.	Updated in Corrigendum released on dated 22.09.2023
		of an serious		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	est Maintenance fix  Cost for Amusic  Cost for Amusic  Costoment  Costoment  Costoment  September to the  Costoment  Cost	A & Yourse Tello Saveniert Softe Saveniert (Orini

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				defined under Section 2(e) of the Reserve Bank of India Act, 1934.	ting to recibing large, street for Unite and texture the put from blooding to the put the put the street of Table on the Property of the put to the street of	index
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. I	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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RFP Vol 1	2.2 Eligible	19		As per MoRTH guideline please include	Addressed at Page no. 3, Query no. 1
	Bidders		THE RESERVE OF THE PROPERTY OF	that bidder or any of its subcontractor	
			vehicle tracking device	should not be directly or indirectly	Mark Table
		1	manufacturer having an AIS-	involved in VLTD manufacturing or in	The state of the s
alege gapen	hask altitudency of	No S	140 certified device.	service of E-SIM connectivity.	Addressed at Page no. 4, Query no. 4
RFP Vol 1	3.4. Pre-	34	1. The Bidder must have a	There is a discrepancy in experience of no of vehicles required in single project	Addressed at 1 age 115-11, Q
mader be	Qualifying	1 3/1	vehicle location tracking	or two similar project as both of the	
TETTE	Criteria for	0.01	backend system tested and	project should have 10000 vehicles.	
The state of	Bidders, point		certified as per AIS-140	Please consider the cost of project too	
	5	1	standard from a test	along with volume of vehicle. For	
		1	agency prescribed in	example One similar project costing 7 Cr	
		E.	CMVR 126. 2. The	or two similar project costing 5 Cr. Also	
			Bidder must meet at least	please qualify a bidder with having	
			one of the qualifying	similar experience of AIS140 State	carett f
			criteria as below:	Backend Platform with certification	
		-	i. Implementation of VTS (Vehicle Tracking	irrespective of volume of the project.	a my at contrationed it is low fitt
T. Dis food	ALL OF PART IN	100/0	System) in one single	incspective of votame of the page	List arvaised
			Similar Project for at least	must be Till add orders and read matter	des Clan
			10000 Vehicles OR	Programme and Company of the Company	and the second second
177			ii. Implementation of VTS		A STATE OF THE STA
		1	(Vehicle Tracking	Acceptable lane on	u Meand
			System) in two (2) Similar	ta feminios attino	MINIST
	Maria Til		Projects for at least 10000	Jonno Sinchar	Comp
			Vehicles. Similar Project	Legal Division I	Manager 1
			will be defined as a	to the state of th	SMILE THE STATE OF THE STATE OF
	The state of the		project of Implementation	HIV president between	MAN
			of VTS (Vehicle Tracking	has streamy lines	Apple .
			System) with third-party	Foliates restate	(Cooperation of the Cooperation
The many			vehicle tracking devices	garbereda otoric	uportus.
			(of minimum 3 different	Independent bull or	No. of the last of
			makes) for Government /	of the neglection of	in the second se
		1	PSU entities for Public	Street St	m car I
-			Service vehicles and has		
	-		been operational for at		

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				least one year during last five years.	process for 2 cents	PCTR Tailed
7	RFP Vol. 1	Table No.1:Evaluatio n 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/Hel pdesk	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.	RFP & BOQ is being amended.  Manpower requirement to be read as:- CCC: Project manager - 01 Control Room Expert- 01 Operators- 03 Operators per shift (total 3 shifts) = 12 (including 01 weekly off day for all operators)
	an, frighted	of inflations in the second se		a abtor per Sen nacione de la decer inc son accident. de la ser sen accident. de la ser sen accident. A sen accident la sen ac	A creed not disable  2023. Validation of the particle of the background of the particle of the	Helpdesk- 02 helpdesk personnel per shift (total 3 shifts) = 08 (including 01 off day for 02 staffs)  Office Attendants: 01 per shift= 04  MCC (Total 03 MCC):  Operators- 02 operators for 01 shift= 06
			934	ident: Xor accounted auditory	Planta dilawa ara	Helpdesk-1 helpdesk personnel for 01 shift) at MCC (Total 03 MCC) = 03
			40.41	and relative enorgh a	the least reports by the CDL represents computed various but all Physics Strikeds	Total operator- 12+06=18 Total helpdesk staff – 08 + 03=11 Total Office Attendants- 4  Note :- above manpower shall be scalable as per the requirement of transport department, Uttarakhand.

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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.		
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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

S. No.	Volume No.	Clause No.	Pa ge No	Clarification	Clarification Sought	Department Decision
1	Vol 1	istan alabatan ta		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
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	dated 22.09.2023 Addressed at Page no. 3, Query no. 1
	Vol 1	3.4. Pre- Qualifying Criteria for Bidder	33	CALLED TO THE CONTROL OF THE CONTROL	Please allow consortium between two entities	Declined
	Vol 1	3.4. Pre- Qualifying Criteria for Bidder, 5. Technical Capability	erico Ma	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





	Vol 1	3.4. Pre-Qualifying Criteria for Bidders, point 5	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.	Authoritis in the property of	Addressed at Page no. 4, Query no. 4
6	Vol 1	Table No.1:Evaluatio n Parameter for Technical Proposal, Point 2.C	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





Vol 1	Timelines & Deliverables, Table 2: Milestone & Completion Timeline for Application, Point 2 & 3	100	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	A SECTOR A CONTRACTOR AND A SECTOR ASSESSMENT AND A SECTOR ASSESSMENT ASSESSM	Time line is being streamlined.
Vol 1	12.2. Timelines &Deliverables, Table 2: Milestone & Completion Timeline for Application, Point 2 & 3	0	D'1 . 75 ·	Who will borne the cost of 200 pilot test vehicle devices?	Implementation Agency

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<sup>5.</sup> 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—

S. No.	Volume No.	Clause No.	Pag e 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	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	Companies Act, 1956/2013.  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	To see Co	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	Fig. one was	3.4.2-5	34	Technical Capability - Implementation of VTS (Vehicle Tracking	We request for 100000 and above vehicles from any number of orders	Addressed at Page no. 4, Query no. 4
				System) in one single Similar Project for at least	184. Sec. 1951.	

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Less	his na basas	sanagedi e'	Stanct	10000 Vehicles or Implementation of VTS (Vehicle Tracking System) in two (2) Similar Projects for at least 10000 Vehicles		Vocame   Chance No.   Pog   Control   No.   Control   No.   No.
8	of the traces	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	abod mean	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	A. an Yuna	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	A on yns	9.7	89 &9 0	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

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			ē¢ .	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.	Pag e	Content of RFP required Clarification	Clarification Sought	Department's Response
	The last rive		No.		The Mark Design Court of the leaf	
	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 Miscellane ous	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
}	Table No.1: Evaluation Parameter for Technical Proposal	1. Company Profile	36	Marks - 30	Marks 45	Marks Allotted 40



35

4			li.		A. Turnover Marks Allotted - 15	
	Table No.1: Evaluation Parameter for Technical Proposal	1. Company Profile	36	A. Turnover Marks Allotted -15 Marks More than 100Cr 15 Ø 75 Cr to <= 100Cr 10 >= 50 Cr to <= 75 Cr 5  B. Certification - 15 Marks ISO 9001:2008 or latest - 5 CMMI 3 or above - 10	More than 200Cr 15 Ø 100 Cr to <= 200Cr 10 >= 50 Cr to <=100 Cr 5  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  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	Addressed at Page no. 18, Query no. A.2
5				Establish the Monitoring	indigenous maps - 5 Marks	Addressed at Page no. 9, Query no. 21
	12.2. Timelines & Deliverable s	12.2 Table 2 Point 5	100	and control center including supply and installation of ICT hardware with connectivity to NIC Cloud, internal LAN and redundant Internet connectivity at CCC & MCC	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	Torrespond to rage no. 7, Query no. 21
				• Deployment of Manpower (Operators/Helpdesk)	(Operators/Helpdesk)	Pariothere Bounds
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 belowmentioned 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 > 150000vehicles - 20 marks	o > 2000 vehicles <= 4000 vehicles - 15 marks o > 4000 vehicles - 20 marks	
7		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  Marks	Particular Control Con
3	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 Marks		
9		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	
	Table No.1: Evaluation Parameter	Approach & Methodology		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  S 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  Change Management plan  Marks	
	Parameter for	Technical Demonstratio n & Presentation	38	7 Marks  A. Live demonstration of the Bidder's solution - 4 Marks	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	Resources (mai) Mymeure Charitington
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 Qualificatio	Project Manager	39	Project Manager (Total Weightage = 4 Marks)	Project Manager (Total Weightage = 2.5 Marks)	Project Manager (Total Weightage = 2 Marks)
4	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)

In

	for Key Resources and Minimum Qualificatio n			comes ingilizations on		dargas maga frigni mgu/A
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(G UI) Requireme nt	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) Requireme nt			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.	INCOME.
20	Table No.1: Evaluation Parameter for Technical Proposal	Approach & Methodology	37	D. Technologies proposed, Solution Design & Approach for data processing and integration: • 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 5 Marks	D. Technologies proposed, Solution Design & Approach for data processing and integration:  • 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 3 Marks	Declined. As per original RFP.
21	Table No.1: Evaluation Parameter for Technical Proposal	Approach & Methodology	36	A. Understanding of project requirements, w.r.t.:  · Stakeholder requirements (Transport, Disaster, Tourism, Police requirements, Permit holder's requirements, etc.)  · IT Infra Requirement (hardware, software, connectivity)  · Integration with front-end devices	A. Understanding of project requirements, w.r.t.:  · 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 Overall solution - 3 Marks	Declined. As per original RFP.





			· Integration with external IT systems Overall solution - 5 Marks	should be visible to square produces less	sinfav!	Discharge
22	13 Charles		Manage the user hierarchy, locations, Roles & Responsibilities within the	Manage the user hierarchy, locations, Roles & Responsibilities within the system:	Strus	orczesianyczy No.
			system: 1. Permit Holder: • get notifications of permit violations of specified vehicle(s)	VLT Device Manufacturer / Authorized dealers/ Service Center     View MIS details for devices supplied by him	tidos in salt Igosai stili e	
6.1. MG	CC		<ul> <li>get notifications of emergency alerts from of specified vehicle(s)</li> <li>Live track his vehicles</li> <li>History track of his vehicle's movements</li> </ul>	replacement of Device.	coom number of the complete company of the company	
APPLION SOFTV E	CAT FR 13	48	Other reports  VLT Device Manufacturer  Authorized dealers/ Service  Center  View MIS details for	2. Vehicle Manufacturer • tag/link the VLTD with the corresponding vehicle details in VAHAN at the time of fitment of VLTD on a vehicle	Addressed at Page no. 7, Qu	nery no. 15
	A lanig	no est es la	• Facility for Debugging Device/ replacement of Device.	<ul> <li>view reports regarding number of devices not functional/functional devices</li> <li>3. Transport Officials –Enforcement:</li> <li>Should be able to select geographic area</li> <li>Should be able to generate notifications of permit violations</li> <li>4. Transport Officials – Administration</li> <li>get notifications of emergency alerts from of specified vehicle(s)</li> <li>Tracking based on Filters as defined in the requirements</li> </ul>	And	
			• tag/link the VLTD with the	the requirements • Live track his vehicles History track of his vehicle's movements		





					man materials in modificat cost suppro-				
				in VAHAN at the time of fitment of VLTD on a vehicle view reports regarding	<ul> <li>Other functionality as detailed further in documentation.</li> <li>Administration/ configuration for</li> </ul>				(3.364)
	0.4 00% (\$50		Laux	number of devices not functional/functional devices  4. Transport Officials – Enforcement: • Should be able to select geographic area • Should be able to generate notifications of permit violations  5. Transport Officials – Administration	• Administration/ configuration for UKSTD.	operate control of the control of th			
		O Storman	See of	<ul> <li>get notifications of emergency alerts from of specified vehicle(s)</li> <li>Tracking based on Filters as defined in the requirements</li> <li>Live track his vehicles</li> <li>History track of his vehicle's movements</li> <li>Other functionality as detailed further in documentation.</li> <li>Administration/</li> </ul>	She conservated to access to the conservated to the conservated to the conservated to the conservation of	three lands are			
3	7.2 Road safety Add- On from VLTD	FR 04	78	configuration for UKSTD.  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.	Add	ressed	at Page no. 8, 0	Query no. 16
4	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	Add	ressed	at Page no. 9, 0	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.	NY at the second of the second
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
226	12.2. Ti melines &Deliverab les	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. Ti melines &Deliverab les	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	ANNEXU RE 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.	Pag e 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 Miscellane ous	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

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			financial year shall be taken	balance, including balance in current account and FDRs, it does not include cash in hand	Partially accepted. To be read as:
ualifying	Technical	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	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.  Addressed at Page no. 4, Query no. 4
	venosposti a	23 00023	2.1. The Bidder must meet at least one of the qualifying criteria as below:	2.1. The Bidder must meet at least one of the qualifying criteria as below: i. Implementation of VTS (Vehicle	Addressed at Fage no. 1, 2007
3.4. Pre- Qualifying Criteria for Bidders	riteria for dders    Point no 5	(Vehicle Tracking System) in one single Similar Project for at least 10000 Vehicles Or	Tracking System) in one single Similar Project for at least 1000 Vehicles Or	Fine ii Chicopes 2 2 3 2 2 meltic Chicopes 2 3 2 2 meltic	
T on the		(Vehicle Tracking System) in two (2) Similar Projects for a	Tracking System) in two (2) Similar Projects for at least 1600 Vehicles.	All and at Page no 28 Query no 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	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	Addressed at Page no. 28, Query no. 6
3 - 3	ualifying riteria for dders  .4. Pre-qualifying criteria for sidders  3.4. Pre-Qualifying Criteria for Criteria for Griteria for Criteria for	A. Pre- Qualifying criteria for sidders  A. Pre- Qualifying criteria for sidders  A. Pre- Qualifying criteria for sidders  A. Pre- Qualifying Capability  Point no 5 Technical Capability  Point no 5 Technical Capability	4. Pre- point no 5 Technical Capability  34  A. Pre- Qualifying Criteria for sidders  Point no 5 Technical Capability  Point no 5 Technical Capability  34  34  34  34  34  34  34  34  34  3	Point no 5 Technical Capability  34  A. Pre- Point no 5 Technical Capability  34  A. Pre- Point no 5 Technical Capability  34  A. Pre- Point no 5 Technical Capability  35  A. Pre- Point no 5 Technical Capability  36  A. Pre- Point no 5 Technical Capability  37  A. Pre- Point no 5 Technical Capability  38  A. Pre- Point no 5 Technical Capability  39  A. Pre- Point no 5 Technical Capability  A. Pre- Point	vehicle location tracking backend system tested and certified as per AIS-140 standard from a test agency prescribed in CMVR 126.  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 1000 Vehicles.  Similar Project will be defined as a project of Implementation of VTS (Vehicle Tracking System)  Similar Project will be defined as a project of Implementation of VTS (Vehicle Tracking System)  Similar Project will be defined as a project of Implementation of VTS (Vehicle Tracking System)  Wehicle location tracking backend system tested and certified as per AIS-140 standard from a test agency prescribed in CMVR 126.  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 1000 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





				has been operational for at least one year during last five years.	mance available of the second	Stage Stage Ships
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 35 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
)	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	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	Addressed at Page no. 38, Query no. 7





	S security	7 or specie	4.00	<ul> <li>Addressing scalability, performance, availability and manageability requirements</li> <li>Map engine and GIS management</li> <li>Marks</li> </ul>	3 Marks  See the contraction of	ord and a second a
10	Table No.1: Evaluation Parameter for Technical	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), retrieval, etc.)	A. Turnover Marks Allotted - 15  More than 200Cr 15 Ø 100 Cr to <= 200Cr 10 >= 50 Cr to <= 100 Cr 5  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	Addressed at Page no. 38, Query no. 8
	Proposal	i de survivo		<ul> <li>Business continuity plan and Disaster recovery On- board Device integration &amp; management</li> <li>Infrastructure and SLA Management</li> <li>Marks</li> </ul>	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	2.4. Pre- Configure Configures 35 Conte- Cottonia Cont
1	12.2. Ti melines &Deliverabl es	12.2 Table 2 Point 5	100	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		Addressed at Page no. 9, Query no. 21



			• Deployment of Manpower (Operators/Helpdesk)		14000 X (1
Table No.1: Evaluation Parameter for Technical Proposal	Approach & Methodology	37	D. Technologies proposed, Solution Design & Approach for data processing and integration: • 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 5 Marks	D. Technologies proposed, Solution Design & Approach for data processing and integration:  • 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 3 Marks	Addressed at Page no. 42, Query no. 20
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	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	Addressed at Page no. 40, Query no. 12

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				and Control Centre Expert 4	remogratió la lossing constantines	1935
14	Table 2: Positions Identified for Key Resources and Minimum Qualificatio n	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 Informatio n 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
8		Command and Control Centre Expert	39	8 Marks	d till a tipermiss v	Addressed at Page no. 40, Query no. 12

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	. 4			Each of the following profiles suggested by the bidder will be evaluated: Profile Marks Allotted		Approximated training and control of the control of
	300 T/200	i set sammagali s	l kas	Project Manager 4  Command and Control Centre Expert 4	constraint of the department o	Table No. 1 Andrews Andrews Control Co
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				termina service service service	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	71			ha and tallen generalise represe schoolswar (kino) de mell de generalise de s decidade de sé dels lactures de se l'age	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)	H2D 4

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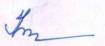
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	Resources and Minimum Qualificatio n				L the legislating profiled feet by ideal safe for evaluar pet	Addressed at Page no. 40, Query no. 13
	Table No.1: Evaluation Parameter for Technical Proposal	Technical Demonstratio n & Presentation	38	7 Marks  A. Live demonstration of the Bidder's solution - 4 Marks  B. Presentation demonstrating capabilities against the parameters highlighted in Approach & Methodology and timelines 3 Marks	5 Marks  A. Live demonstration of the Bidder's solution - 3 Marks  B. Presentation demonstrating capabilities against the parameters highlighted in Approach & Methodology and timelines 2 Marks	Addressed at Page no. 39, Query no. 11
6	6.1. MCC APPLICATIO I OFTWARE	FR 13	48	Manage the user hierarchy, locations, Roles & Responsibilities withinthe system:  1. Permit Holder: • 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	Manage the user hierarchy, locations, Roles & Responsibilities withinthe system:  1. VLT Device Manufacturer / Authorized dealers/ Service Center  • 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.  2. Vehicle Manufacturer	addressed at Page no. 7, Query no. 15





• Facility for Debugging Device/ replacement of Device. 3. Vehicle Manufacturer • tag/link the VLTD with the corresponding vehicle details in VAHAN at the time of	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  3. Transport Officials –Enforcement:  • Should be able to select geographic area  • Should be able to generate notifications of permit violations  4. Transport Officials – Administration  • 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	Not A  Indiget  Sold A  Sold A	See
fitment of VLTD on a vehicle  • view reports regarding number of devices not functional/functional devices 4. Transport Officials — Enforcement:  • Should be able to select geographic area • Should be able to generate notifications of permit violations 5. Transport Officials — Administration • get notifications of emergency alerts from of	Other functionality as detailed further in documentation.     Administration/ configuration for UKSTD.	Marco Me of C.C. Control Contr	Spinothings (2016)





				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.	Deyted Risidekecuror / * tag/lank that vill viced deletery Sucure  or the deleter for devices settlets  ed thy hins  reports vigarding  or of devices net  or of devices net  or ithe deleter flaviores  rithe deleter flavio	FIV 1.  DEPARA  DEPARA  DEPARA  REQUE  DEPARA  DEPARA
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

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				Transport Department, Govt. of UK	-3 No. 1050 PHASE SECTION STATES	AND DESCRIPTION OF THE PROPERTY OF THE PROPERT
28	12.2. Ti melines &Deliverabl es	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	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. Ti melines &Deliverabl	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		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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