

Office of Transport Commissioner, Uttarakhand
Kulhan, Sahastradhara road, Dehradun
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LETTER NO. 3027/TR/2-11/2024

DATED 28 November, 2024

CORRIGENDUM

Please take reference of the Bid Ref. No.-3059/TR/2-11/2024 dated 07, November, 2024 regarding selection of Implementing Agency for Automated Green Cess Collection System development and Execution in Uttarakhand. The response/clarification of the Department on the queries/suggestions received against the RFP are being uploaded along with this corrigendum. The last date of submission of bid has been extended to 11-12-2024.

It is therefore advised to please submit your bid as per updated queries available on <https://www.uktenders.gov.in>. All other terms and conditions except those mentioned in this corrigendum will remain unchanged.



(Sanat Kumar Singh)
Joint Transport Commissioner
Uttarakhand

Corrigendum - Pre-Bid Queries Response for Selection of Intelligent Tolling System Software Integrator for the implementation of Automated Vehicle Green Cess Collection System (AVGCCS) within the state of Uttarakhand.

Pre-bid Meeting Date: 18-Nov-2024

- **Pre-bid Queries for Clarification:** Tollman International Private Limited, email dated 11-11-2024.

- **Pre-bid Queries for Clarification:** Fervid Smart Solutions Pvt Ltd, email dated 18-11-2024.

- **Pre-bid Queries for Clarification:** C.E. Info Systems Limited, email dated 18-11-2024.

- **Pre-bid Queries for Clarification:** M/s Vara Infrovate Private Limited, email dated 11-11-2024.



Corrigendum - Pre-Bid Queries Response for Selection of Intelligent Tolling System Software Integrator for the implementation of Automated Vehicle Green Cess Collection System (AVGCCS) within the state of Uttarakhand.

Pre-bid Meeting Date: 18-Nov-2024

Sr no	Company Name	RFP Clause	RFP Page no	Content of RFP Required Clarification	Clarification Sought	Department's Response
1	Tollman International Private Limited	4.26 Pre-Qualifying Criteria for Bidders => S No. 1 Required Amendment	Page No. 20	The bidder should be Proprietor or Partnership firm.	The bidder (Sole Bidder or all members of JV/Consortium in case of JV/Consortium) must be a company incorporated / registered in India under the Companies Act 1956 / LLP Act 2008 for at least 5 years (prior to the date of bid submission).	Partially Accepted, an updated Pre-Qualifying Criteria for Bidders is being annexed with corrigendum as clause 4.26 (annexure A)
2	Tollman International Private Limited	4.26 Pre-Qualifying Criteria for Bidders => S No. 2 Required Amendment	Page No. 20	The bidder should not be blacklisted from any department of government/ semi government of the Uttarakhand.	A Bidder blacklisted/ declared ineligible by any Ministry / PSU / State / Central Government or its Department/ Enforcement agencies/ Autonomous Body etc. shall be ineligible to apply for participating in this RFP.	Accepted, an updated Pre- Qualifying Criteria for Bidders is being annexed with corrigendum as clause 4.26 (annexure A)
3	Tollman International Private Limited	4.26 Pre-Qualifying Criteria for Bidders => S No. 5 Required Amendment	Page No. 21	Experience of collecting Entry Fees/Green Cess/ Eco-tourism cess in the state of Uttarakhand.	Experience of collecting Toll using FASTag for 400+ ETC Lanes/Entry Fees/Green Cess/ Eco-tourism cess in the state of Uttarakhand.	Partially Accepted, an updated Pre-Qualifying Criteria for Bidders is being annexed with corrigendum as clause 4.26 (annexure A)

4	Tollman International Private Limited	6.1 Scope of Work => Clause 1 Required Clarification	Page No. 27	UKSTD envisages to implement Automated Vehicle Green Cess Collection System (AVGCCS) - based Green Cess Collection (ETC) within the existing FASTag network along with integrating RFID with the existing ANPR ecosystem within the state.	We request to provide the details like Make, Model, Year of Installation etc for existing installed equipment's. These details are essential to submit more competitive and accurate offer.	Accepted, relevant details are attached as annexure C.
5	Tollman International Private Limited	6.1 Scope of Work => Clause 2 Required Clarification	Page No. 27	The Scope of Work broadly includes the precise geo-referenced map making and development of a scalable and robust real time Green Cess Collection Software with Precision of Map matching especially in boundary cases like elevated main carriageway, adjacent service road etc.	Some of the details mentioned in the RFP still corresponds to GNSS based Green Cess Collection. We request to correct the same.	At current phase the Green Cess shall be collected in the State through Fastag based on data captured by ANPR cameras installed across different locations. However, in future if there is a full proof technology developed around GNSS, bidder shall be requested to migrate to GNSS based on mutual agreed terms and timelines.
6	Tollman International Private Limited	6.4 Payment Schedule => Clause 6 Required Clarification	Page No. 30	Additional ANPR (For ANPR Camera's which are Not available at the existing borders or new ANPR camera's installed in other border areas of the state, 100 % payment shall be released upon delivery, Testing and Commissioning of AVGCCS Software at new/existing site location. The development and integration completion shall be verified by representative from UKSTD. No payment shall be released for partial delivery of additional equipment.	We request to provide the details like Make, Model, Year of Installation etc for existing installed equipment's. These details are essential to submit more competitive and accurate offer.	Query addressed at page no 3, serial no 4.
7	Tollman International Private Limited	Estimated Value Required Clarification			We request to provide the estimated cost of the tender.	Green Cess Collection charge is based on number of vehicles, and or transactions. Therefore, tender cost cannot be ascertained.

8	Tollman International Private Limited	BOQ Required Clarification			We request to provide the firm quantities for the equipment's like ANPR, RFID etc to be supplied. These details are essential to submit more competitive and accurate offer.	Query addressed at page no 3 serial no 4.
9	Tollman International Private Limited	Technical and Functional Specifications Required Clarification			Technical and functional specifications for the vital equipment's like RFID Reader, ANPR Camera are not laid down. This may lead to supply of not standard and Chinese supplies.	Query addressed at page no 3, serial no 4.
10	Tollman International Private Limited	Nature of Business Required Addition			The Sole Bidder, or Lead Member of the JV/Consortium in the case of a Consortium, should be operating in the field of Software development/ IT Solutions/ IT services/ATMS/ ITS/ OEM of Electronic Equipment for at least five (5) years as on bid due date. Information regarding the same should be provided along with documentary evidence.	RFP requires experience in collection of toll tax/entry fees/ cess/ etc., through electronic media. Fields mentioned in the query might be inter alia components of the complete solution.
11	Tollman International Private Limited	IHMCL Empanelment Required Addition			The bidder should have been empanelled by IHMCL as System Integrator for implementation of ETC system at toll plazas, vide RFE Reference – IHMCL/ETC/Empanelment/2021/01, dated 28 October 2021. The empanelment should be valid and not suspended/withdrawn as on the bid due date.	Declined, as per RFP.
12	Tollman International Private Limited	Presence in Uttarakhand Required Addition			The sole bidder or Lead Member should have its registered office in the state of Uttarakhand	Accepted

13	Tollman International Private Limited	Undertaking of Insolvency, bankruptcy Required Addition			A Bidder having had any NCLT/Court proceedings for Insolvency, bankruptcy, or determined non-performing, or having been terminated on any project within last Five years by any Ministry / PSU / State / Central Government or its Department/ Enforcement agencies/Autonomous Body etc. will not be eligible to participate in this RFP.	Partially Accepted, an updated Pre-Qualifying Criteria for Bidders is being annexed with corrigendum as clause 4.26 (annexure A)
14	Fervid Smart Solutions Pvt Ltd	4.26, S No. 1	20	The bidder should be Proprietor or Partnership firm.	Request you to consider Private Limited Company under Act 2013. Also request to consider Consortium of at least two members	Query addressed at page no 2, serial no 1.
15	Fervid Smart Solutions Pvt Ltd	4.26, S No. 3	20	Net worth certificates of Rs.3 Crores and above duly signed by District Magistrate and Sub-District Magistrate within a period of six months	We request you to consider Average Annual Turnover of 30 crores for the financial year i.e., FY 2021-22, FY 2022-23, and FY 2023-24	Partially Accepted, an updated Pre-Qualifying Criteria for Bidders is being annexed with corrigendum as clause 4.26 (annexure A)
16	Fervid Smart Solutions Pvt Ltd	4.26, S No. 4	20	Character certificate duly signed by District Magistrate and Sub-District Magistrate within a period of six months	Generally, for Private Limited Companies all the details are listed in ROC. So, we request to exempt this for the Private Limited companies	Accepted, an updated Pre-Qualifying Criteria for Bidders is being annexed with corrigendum as clause 4.26 (annexure A).
17	Fervid Smart Solutions Pvt Ltd	4.26, S No. 5	21	Experience of collecting Entry Fees/Green Cess/ Eco-tourism cess in the state of Uttarakhand.	We request you to consider software experience in IT/ ITES/ e-Governance projects	Query addressed at page no 4, serial no 10.

18	Fervid Smart Solutions Pvt Ltd	4.26, S No. 6	21	Agreement with Chartered Accountant and software engineers.	Our organization has a robust in-house team of qualified Chartered Accountants and experienced Software Engineers who are full-time employees, and their expertise and credentials are readily available for scrutiny. As such, we believe this requirement for a formal agreement may not be applicable to our case. If an alternative form of documentation or declaration is acceptable, we would be happy to provide the same.	Accepted, an updated Pre- Qualifying Criteria for Bidders is being annexed with corrigendum as clause 4.26 (annexure A)
19	Fervid Smart Solutions Pvt Ltd	4.26, S No. 8	21	Permanent Address certificate duly signed by District Magistrate and Sub-District Magistrate	Registered Address is already published under ROC, Government of India for Private Limited Company. So, we request to exempt for Private Limited Companies	An updated Pre- Qualifying Criteria for Bidders is being annexed with corrigendum as clause 4.26 (annexure A).
20	Fervid Smart Solutions Pvt Ltd	4.26, S No. 9	21	ESI Certificate EPF Certificate GST Registration Certificate for the state of Uttarakhand before 2021	Request you to consider the Declaration from us stating that the GST certificate will be registered once the Project is awarded to us.	An updated Pre- Qualifying Criteria for Bidders is being annexed with corrigendum as clause 4.26 (annexure A)
21	Fervid Smart Solutions Pvt Ltd	4.26, S No. 13	21	No Dues Certificate from Uttarakhand Transport Department after publishing of Tender.	As our organization does not have any direct financial or operational dealings with the Uttarakhand Transport Department, we respectfully submit that this requirement may not be applicable in our case.	An updated Pre- Qualifying Criteria for Bidders is being annexed with corrigendum as clause 4.26 (annexure A)
22	Fervid Smart Solutions Pvt Ltd	4.27, S No 1.A	22	Experience of collecting Entry Fees/Green Cess/ Eco-tourism cess: 10 Marks i) In state of Uttarakhand for 05-10 years: 10 ii) In state of Uttarakhand for 00-05 years: 5 iii) In state of other than Uttarakhand: 2	Experience of Software/IT/ITES projects: 10 Marks i) 05-10 years: 10 Marks ii) 00-05 years: 5 Marks	An updated evaluation criterion is being annexed with corrigendum (annexure B)

23	Fervid Smart Solutions Pvt Ltd	4.27, S No 1.B	22	Experience of handling Dispute Redressal: 5 Marks	Request to consider this 5 Marks for ISO Certifications: ISO 9001:2015, ISO 27001:2013, ISO 20001-1:2018	An updated evaluation criterion is being annexed with corrigendum (annexure B)
24	Fervid Smart Solutions Pvt Ltd	4.27, S No 1.C	22	Net worth certificates of duly signed by District Magistrate and Sub-District Magistrate within a period of six months: 5 Marks	We request you to consider Average Annual Turnover of 30 crores for the financial year i.e., FY 2021-22, FY 2022-23, and FY 2023-24 i. 35 to 40 crores: 5 Marks ii. 30 to 35 crores: 3 Marks	Query addressed at page no 5, serial no 15, moreover an updated evaluation criterion is being annexed with corrigendum (annexure B)
25	Fervid Smart Solutions Pvt Ltd	4.27, S No 2	22	WORKING METHOD/SYSTEM: 35 marks	We assume to provide a presentation of our project understanding and the working methods that we propose for this project.	An updated evaluation criterion is being annexed with corrigendum. (annexure B)
26	Fervid Smart Solutions Pvt Ltd	4.27, S No 3a	23	Firm/Proprietor hired a software engineer: 15 Marks	Having experience in software from anywhere in India	An updated evaluation criterion is being annexed with corrigendum. (annexure B)
27	Fervid Smart Solutions Pvt Ltd	4.27, S No 3b	23	Firm/Proprietor having Employed a Project Manager being a MBA Master in Business Administration) who is having experience to work with a contractor handling projects of Entry cess/green tax: 10 Marks	Having experience in Project Management, implementing IT/ITES/e-Governance projects from anywhere in India	An updated evaluation criterion is being annexed with corrigendum. (annexure B)
28	Fervid Smart Solutions Pvt Ltd	4.27, S No 3c	23	Firm/Proprietor having agreement with Chartered accountant: 10 Marks	As this tender refers to software implementation, we request you to consider CMMI SVC Level 3 or Higher	Query addressed at page no 6, serial no 18, moreover an updated evaluation criterion is being annexed with corrigendum. (annexure B)
29	C.E. Info Systems Limited (MapMyIndia)	4.26 Pre- Qualifying Criteria for Bidders		The bidder should be Proprietor or Partnership firm.	Please Clarify:- The bidder should be Proprietor or Partnership firm. Means Consortium Partner	Query addressed at page no 2, serial no 1.

30	C.E. Info Systems Limited (MapMyIndia)	4.27 Evaluation of Financial Proposal		1. BIDDER'S SPECIFIC EXPERIENCE A) Experience of collecting Entry Fees/Green Cess/ Eco-tourism cess:	BIDDER'S SPECIFIC EXPERIENCE :- Please consider BIDDER / Consortium SPECIFIC EXPERIENCE. Any one	Query addressed at Page no 2, serial no 1, & Page no 2, serial no 3, moreover an updated evaluation criterion is being annexed with corrigendum. (annexure B)
31	C.E. Info Systems Limited (MapMyIndia)	6.1 Scope of Work PART – VI Point 3		3. The Scope of Work broadly includes the precise geo-referenced map making and development of a scalable and robust real time Green Cess Collection Software with Precision of Map matching especially in boundary cases like elevated main carriageway, adjacent service road etc. Accuracy Rate • Map and for Map Updates:	Please consider MapMyIndia mGIS Integrated Platform:- We proposed mGIS an integrated content and services platform. mGIS Features 1. Visualization 2. Data Catalog 3. Charts and Graphs 4. User Onboarding 5. Interactive Map 2D 6. Adding user Data 7. Using data from mGIS Data Catalog 8. Feature Info 9. Advanced Editing Features (CRUD) 10. Selecting from a variety of Base Maps 11. Geo-tagging user data 12. Search Functionality 13. Direction & Routing Functionality 14. Handling Map Layers 15. Styling and theme setting of Maps 16. Styling using Geometry Symbols 17. Querying the Data 18. Saving work as Work views 19. Sharing Work views	At current phase the Green Cess will be collected in the State through Fastag based on data captured by ANPR cameras installed across different locations. However, in future if there is a full proof technology developed around GNSS, bidder shall be requested to migrate to GNSS based on mutual agreed terms and timelines.
32	M/s Vara Infrovate Private Limited	S. No. 3	Page No. 8	Pre Bid Meeting: 18-11-2024 (At 16:00 Hrs IST)	We assume that Pre-bid Meeting should be Online as well, hence it is requested to kindly provide the Pre-bid Link as well, as most of the Government Department does the Pre-bid Meeting on virtual basis	Accepted

33	M/s Vara Infrovate Private Limited	Clause No. 4.7 b	Page No. 12	The Earnest Money shall be in the form of a Demand Draft. The Demand Draft shall be drawn in favour of "Transport Commissioner, Uttarakhand" payable at Dehradun.	It is requested to kindly consider the EMD payment Mode online as well instead of restricting in DD only, hence kindly provide the Beneficiary and its account details for the submission of EMD.	Declined, as per RFP.
34	M/s Vara Infrovate Private Limited	Clause No. 4.19	Page No. 16	Performance Security Within 07 (Seven) days of the receipt of the Letter of Award, the Successful Bidder shall submit a Performance Security amount in form of Demand Draft	It is requested to kindly clarify what % of Contract value as performance Security should be submitted after award as it is not defined in tender, as per the regulation, it should be 3% 5% or 10 % of contract value, it is requested to kindly define the same Further It is requested to kindly consider the performance security in the form of Bank Guarantee as well instead on only Demand Draft.	Accepted. Performance Security shall be five per cent (5%) of the value of the contract to be submitted by successful bidder within seven (07) days of the receipt of Letter of Award (LOA) in form of Bank Guarantee.
35	M/s Vara Infrovate Private Limited	General		General Qualification	Since in Eligibility, Qualification and Evaluation it is not defined that Consortium/JV is applicable to take part or not while in many formats JV/Consortiums columns are available, hence it is requested to kindly clarify and confirm JV/Consortium is permissible in this tender or not, we assume that it is required, kindly clarify and confirm.	Query addressed at page no 2, serial no 1, moreover an updated Pre- Qualifying Criteria for Bidders is being annexed with corrigendum as clause 4.26 (annexure A)
36	M/s Vara Infrovate Private Limited	Clause No. 4.26	Page No.20,	Pre- Qualifying Criteria for Bidders	It is requested to kindly incorporate the Private Limited company as well in qualification and evaluation to take part in the tender as of now RFP focused on only Proprietor firm and Partnership firm can take part as per the qualification, kindly look into it and incorporate the Private Limited Company as well.	Query addressed at page no 2, serial no 1, moreover an updated Pre- Qualifying Criteria for Bidders is being annexed with corrigendum as clause 4.26 (annexure A)

37	M/s Vara Infrovate Private Limited	Clause No. 4.6 (3)	Page No. 20	Net worth certificates of Proprietor or Partnership firm. Net worth certificates of RS.3 Crores and above duly signed by District Magistrate and Sub-District Magistrate within a period of six months	It is requested to kindly incorporate the Private Limited company as well in the clause qualification. Further kindly consider Net worth Certificate duly issued and certified by the CA, instead of District Magistrate	Query addressed at page no 2, serial no 1 & Page no 5 serial no 15, moreover an updated evaluation criterion is being annexed with corrigendum. (annexure B)
38	M/s Vara Infrovate Private Limited	Clause No. 4.6 (4)	Page No. 20,	Character certificate of Proprietor or Partnership firm. Character certificate duly signed by District Magistrate and Sub-District Magistrate within a period of six months	It is requested to kindly remove this clause for Private Limited company as it is not applicable for private Limited companies	Query addressed at page no 5, serial no 16.
39	M/s Vara Infrovate Private Limited	Clause No. 4.6 (5)	Page No. 21	Experience Certificate of Proprietor or Partnership firm. Experience of collecting Entry Fees/Green Cess/ Eco tourism cess in the state of Uttarakhand.	Kindly Incorporate the Private limited Company in the clauses, also consider the experience of system integrator in implementation of Toll Management System across India on National/State Highways and consider the marking as suggested below: (i) For 05-10 years- 10 Marks (ii) For 03-05 years- 5 Marks (iii) For 00-03 years- 2 Marks	Query addressed at page no 2, serial no 1. & page no 6, serial no 22, moreover an updated evaluation criterion is being annexed with corrigendum. (annexure B)
40	M/s Vara Infrovate Private Limited	Clause No.4.27 (1.A)	Page No. 22,	BIDDER'S SPECIFIC EXPERIENCE: A) Experience of collecting Entry Fees/Green Cess/ Eco-tourism cess:- 10 Marks (i) In state of Uttarakhand for 05-10 years - 10 Marks (ii) In state of Uttarakhand for 00-05 years - 5 Marks (iii) In state of other than Uttarakhand - 2 Marks		

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41	M/s Vara Infrovate Private Limited	Clause No. 4.6	Page No.30,	Qualification	We assume that the requirement for Proprietor or Partnership firms are not applicable to Private limited firms, as multiple things required which are only applicable to proprietor or partnership firms hence kindly clarify and confirm.	Unclear Query
42	M/s Vara Infrovate Private Limited	Clause No.4.27 (1.B)	Page No. 22,	Experience of handling Dispute Redressal i) For Fastag- 5 Marks ii) Other than Fastag- 2 Marks	It is requested to kindly consider the experience of system Integrator to Implementation of toll system and consider the marking accordingly as suggested below: i) Fast Tag Based implementation- 5 marks ii) Other than Fast tag Implementation-2 Marks	Query addressed at page no 7, serial no 23, moreover an updated evaluation criterion is being annexed with corrigendum. (annexure B)
43	M/s Vara Infrovate Private Limited	Clause No.4.27 (2.A)	Page No. 22,	Detection of violations under rule 138A of CMVR, 1989 and submission of those to CTMS/ITMS/E-DETECTION SYSTEM directed by Transport Department for challan on real time basis: i) Detection & submission-10 Marsk ii) Detection- 5 Marks	It is requested to kindly remove this clause and consider the experience of system Integrator for Implementation of Toll Management system across India and consider marking accordingly.	Declined, as per RFP.

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44	M/s Vara Infrovate Private Limited	Clause No.4.27 (2.B)	Page No. 22 & 23,	Having own/associates experience to develop software to collect tax through fast tag Seamless: Vehicle will not be stopped & not slow down (ANPR based)- 15 Marks Vehicle will be slow down (Speed Braker & Laning based) - 07 Marks Vehicle will be stopped (Boom Barrier based) - 03 Marks Contactless: No Manpower & No Paperwork – 10 Marks Manpower But No paperwork- 5 Marks Manpower & paperwork- 2 Marks	Kindly consider the clause Tender have own associate's/manpower for Development of software in Toll System and consider marking accordingly	An updated evaluation criterion is being annexed with corrigendum. (annexure B)
45	M/s Vara Infrovate Private Limited	Clause No.4.27 (3.A, B & C)	Page No. 23	Key Personnel	Kindly Consider the Key personal Experience toll Management system across India instead of restricting in Uttarakhand and consider marking accordingly.	Query addressed at page no 2, serial no 3

Evaluation Committee:


(Dr Anita Chamola)
Assistant Transport Commissioner
(Member)


(Anand Singh)
Chief Finance Officer
(Member)


(Dinesh Chandra Pathoi)
Deputy Transport Commissioner
(Member)


(Sanat Kumar Singh)
Joint Transport Commissioner
(Chairperson)

**Selection of Intelligent Tolling System Software Integrator for the
implementation of Automated Vehicle Green Cess Collection System
(AVGCCS) within the state of Uttarakhand**

Annexure A

4.26. Pre- Qualifying Criteria for Bidders


The Technical Proposals of only such Bidders shall be evaluated whose Proposals have been found to be substantially responsive as per Clause 4.24.

Technical Proposals of the Bidders shall be evaluated for meeting the eligibility and pre-qualification criteria based on the parameters listed below:

S.NO.	CRITERIA	REQUIRED DOCUMENTS
1.	Bidder shall be any entity (which includes companies, partnerships, firms, proprietary concerns and consortiums) having relevant IT experience. In case of a consortium or joint venture, the lead firm (which shall be single entity) shall be specified and fully empowered to represent the consortium or joint venture. The lead firm should always have a minimum stake of 51% in the consortium/joint venture.	For Proprietors - GST Registration certificate; For Partnerships - Partnership deed & GST Registration certificate and For Private Limited Companies- Certificate of Incorporation by RoC & GST Registration certificate
2.	The bidder should not be blacklisted from any Ministry / PSU / State / Central Government or its Department(s). Bidder should not hold any active case in NCLT/Court proceedings for Insolvency, bankruptcy, or determined non-performing at the time of bid submission.	Self-Declaration by the bidder on Rs.100/- Stamp paper duly signed by authorized signatory.
3.	Turnover of bidder.	Details of annual turnover for immediately preceding last 3 financial year worth Rs 3 Cr or above to be furnished in form of Audited Profit & Loss Account and Balance Sheet for immediately preceding last 3 financial year / certified by CA.
4.	Net worth certificate of bidder. (हैसियत)	Details of Net worth, worth Rs 3 Cr and above issued by District Magistrate / Sub-District Magistrate within a period of 6 months preceding the submission of bid.









5.	Character certificate of bidder.	Character certificate duly signed by District Magistrate and Sub-District Magistrate within a period of six months preceding date of submission of bid. In case of private limited / limited companies Certificate of Incorporation.
6.	Experience Certificate of bidder.	Experience of collecting Entry Fees/Green Cess/ Eco-tourism cess in the state of Uttarakhand through electronic media.
7.	Agreement of bidder.	Agreement with Chartered Accountant and software engineers. In case of company having own resources, offer letter of resources backed by financial statements.
8.	KYC of bidder.	1. PAN Card 2. Adhar Card/ Certificate of incorporation in case of Companies.
9.	Permanent Address Proof of bidder.	GST Certificate / Certificate of Incorporation from RoC. The bidder should have a valid GST Registration Certificate at the time of bid submission.
10.	Required Registrations of bidder.	ESI Certificate EPF Certificate GST Registration Certificate for the state of Uttarakhand before 2021. Bidder should have a valid GST Registration Certificate at the time of bid submission/ Certificate of Incorporation from RoC in case of companies.
11.	Income tax Returns of bidder.	Required Income tax Returns of bidder for immediately preceding last three (3) financial year.

Annexure B

4.27 Evaluation of Financial Proposal

Only those Bidders who meet all the above criteria stipulated in Clause 4.26 shall be considered for further evaluation of their Technical Proposals.

The Technical Proposals of the Bidders shall be evaluated based on the parameters listed in the Table below:

S.NO	PARTICULARS	MAXIMUM MARKS	
1.	BIDDER'S SPECIFIC EXPERIENCE/ FINANCIAL CAPABILITY	40	
A)	Experience of collecting Entry Fees/Green Cess/ Eco-tourism cess:	15	
	i) In the state of Uttarakhand for 05 -10 years	15	
	ii) In the state of Uttarakhand up to 05 years	10	
	iii) In the states other than Uttarakhand	5	
B)	Experience in handling grievances (e.g. call center operation, helpdesk, on-line portal etc.)	5	
	i) For Toll, Tax or Cess collection through electronic media e.g. FASTag	5	
	ii) Other than above	2	
C)	Net worth certificate duly signed by District Magistrate / Sub-District Magistrate issued within a period of six months preceding the submission of bid.	10	
	i) Above Rs.7.5 Crores	10	
	ii) Above Rs.5 Crores to Rs. 7.5 Crores	5	
	iii) Rs. 3 Crores to Rs. 5 Crores	2	
D)	Average Annual Turnover for immediately preceding last 3 financial years to be furnished in form of Audited Profit & Loss Account and Balance Sheet for immediately preceding last 3 financial year / certified by CA	10	
	i) Above Rs.7.5 Crores	10	
	ii) Rs.5 Crores to Rs. 7.5 Crores	5	
	iii) Rs. 3 Crores to Rs. 5 Crores	2	
2.	WORKING METHOD/SYSTEM: Appropriate document to be submitted.	20	
A)	Detection of violations under rule 138A of CMVR,1989 and submission of those to CTMS/ITMS/E-DETECTION SYSTEM directed by Transport Department for challan on real time basis:	10	
	i) Detection & Submission	10	
	ii) Detection	5	
B)	Having own/ associates experience to develop software to collect tax through fast tag or through any electronic device	10	

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	i)	<u>Seamless</u>	5		
		Vehicle will not be stopped & not slowed down (ANPR based)	05		
		Vehicle will be slowed down (Speed Braker & Laning based)	03		
		Vehicle will be stopped (Boom Barrier based)	01		
	ii)	<u>Contactless</u>	5		
		Without Manual intervention	05		
		Partial Manual Intervention	03		
		Completely Manual	01		
3.	Key Personnel			30	
	a)	Bidder hired a software engineer/ inhouse capability for software development, customization and upgradation		10	
	i)	Having experience in a software to deduct Tax/ Cess/ toll charges through Software	10		
	ii)	Not having experience in a software to deduct Tax/ Cess/ toll charges through Software	05		
	b)	Bidder having Employed a Project Manager being an MBA (Master's in Business Administration) who is having experience to work with a system integrator/ contractor handling projects of Entry cess/ green tax/ toll etc.		10	
	i)	Having Experience in state of Uttarakhand for 5years & above	10		
	ii)	Having Experience in state of Uttarakhand for less than 5 years	5		
	iii)	Having Experience in states other than Uttarakhand	2		
	c)	Bidder having agreement with Chartered Accountant and software engineers. In case of company having own resources, offer letter of resources backed by financial statements.		10	
4.	Presentation of proposal before the evaluation committee of the department			10	
Total Marks				100	

1. The Financial Proposals of the technically shortlisted Bidders, who have met the requirement of Threshold Score will be opened at a date and time notified by UKSTD, opened in the presence of such Bidders' representatives who choose to attend opening of the Financial Proposals.
2. Bidders' representatives attending the Financial Proposal opening shall bring an authorization letter from the Bidder and sign a register to evidence their presence.

Annexure C

1 The minimum technical specifications of the equipment already deployed at the site

1.1 Technical specifications: ANPR Camera

S No	Parameters	Minimum Specification
1	Image Sensor	1/1.8" Progressive CMOS
2	Maximum Resolution	3840 x 2160 (16:9)
3	Lens Type	Vari-focal, Remote Focus, i-CS
4	Focal Length	f = 9 ~ 50 mm
5	Aperture	F1.5
6	Auto-iris	DC-iris, P-iris, i-CS
7	Field of View	45.6°~8.8° (Horizontal) 25.9°~5.1° (Vertical) 52°~10° (Diagonal)
8	WDR Technology	WDR Pro
9	Day/Night	Yes (Headlight filter design for Anti-Glare)
10	Minimum Illumination	0.02 lux @ F1.5 (Color) 0.005 lux @ F1.5 (B/W)
11	Pan/Tilt/Zoom Functionalities	ePTZ: 48x digital zoom (4x on IE plug-in, 12x built-in)
12	On-Board Storage	Seamless Recording to MicroSD/ SDHC/ SDXC card and recording to network-attached storage (NAS)
13	S/N Ratio	60 dB
14	Dynamic Range	120 dB
15	Video Compression	H.265, H.264, MJPEG
16	Maximum Streams	3 video streams (Up to 8 configurable profiles)
17	Maximum Frame Rate	30 fps @ 3840x2160 (WDR Pro on) 60 fps @ 1920x1080 (WDR Pro off)
18	Audio Audio Capability	Two-way Audio
19	Compression	G.711, G.726, MPEG-2 AAC-LC
20	Interface	External microphone input External line output
21	Shutter Time	1/100,000 s to 1 sec
22	Capture Range	upto25metersorbetter
23	Image Settings	General settings: video title and time stamp overlay, video orientation (flip, mirror, rotation), day/night settings; Illuminators: illuminators, anti-overexposure; Image settings: white balance, image adjustment (brightness, contrast, saturation, sharpness, gamma curve), defog, 3DNR, HLM, LDC, EIS*, scene mode (parking lot, street, highway); Exposure: BLC, HLC, exposure



		control (exposure level, iris adjustment, exposure time, gain control, iris mode), AE speed adjustment, WDR; Focus: zoom, focus; Privacy mask; Scheduled profile settings
		control, gain, backlight, compensation, AE speed, privacy masks, Schedule Profile Settings, HLC, Defog 3DNR, DIS; video rotation, remote focus
24	Network	
a.	Users	Live viewing for up to 10 clients
b.	Protocols	802.1X, ARP, Bonjour, CIFS/ SMB, DDNS, DHCP, DNS, FTP, HTTP, HTTPS, ICMP, IGMPv3, IPv4, IPv6, NTP, PPPoE, QoS (CoS/ DSCP), RTSP/ RTP/ RTCP, SMTP, SNMP, SSL, TCP/ IP, TLS 1.2, UDP, UPnP
c.	Interface	10 Base-T/100 Base-TX/1000 Base-T Ethernet (RJ-45) *It is highly recommended to use standard CAT5e & CAT6 cables which are compliant with the 3P/ETL standard.

		Base-T Ethernet (RJ-45)
d.	ONVIF	Profile G, S, T supported, specification available at www.onvif.org
25	Alarm and Event	
a.	Alarm Triggers	Audio detection, camera tampering detection, cybersecurity events (brute force attack event, cyberattack event, quarantine event), digital input, manual trigger, motion detection, periodical trigger, recording notification, SD card life expectancy, shock detection, system boot
b.	Alarm Events	Event notification via audio clip, camera link, digital output, email, HTTP, FTP/ SFTP, NAS server, SD card, push notification File upload via email, HTTP, FTP/ SFTP, NAS server, SD card
26.	IP Camera Connectors	RJ-45 cable connector for 10/100/1000Mbps Network/ PoE connection Audio input Audio output AC 24V power input *1 DC 12V power input*1 Digital input *2 Digital output *2 (DO+: 12V, 50mA; DO-: 30V, Open Drain, 1A) RS485*1 BNC *1
27.	Power Input	AC 24V, DC 12V, IEEE 802.3af PoE Class 0
28.	Power Consumption	DC 12V: Max. 8.88 W AC 24V: Max. 17 W PoE: Max. 10 W
29.	Humidity	90% (non-condensing)
30.	Safety Certifications	CE, LVD, FCC Class B, VCCI, C-Tick, UL/CUL, BIS, BSMI

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1.2 Technical specifications: 5-MP Bullet Camera

Features	Parameters
Image Sensor	1/ 2.7" Progressive CMOS or better
Maximum resolution	2560 X1920 (5MP)
Lens Type	Motorized varifocal remote focus
Focal length	F=2.7-13.5 mm
Aperture	F1.4-F2.8
Auto Iris	P Iris
Shutter time	1/5 sec -1/30000 s or better
WDR	WDR Pro
Removable IR cut filter for day and night	Yes
Minimum Illumination	0.075 lux @ F1.4(Colour) <0.01 lux @ F1.4 (B/W) 0 lux with IR Illumination on
16X digital zoom	Yes
IR Illuminator	Built-in IR illuminators up to 50 meters with Smart IR II, IR LED*6
On board storage	Seamless Recording to MicroSD/SDHC/SDXC card slot and recording to network-attached storage (NAS)
Video compression	H 265,H 264 & MJPEG
Video frame rate	30 f ps @ 2560x1920 (WDR Pro on) 30 f ps @ 2560x1440 (WDR Pro on) 60 f ps @ 1920x1080 (WDR Pro of f)
Video stream	3 simultaneous streams or better
Video streaming	Adjustable resolution, quality and bit rate control
General settings	Video title and time stamp overlay, video orientation, Privacy mask
Image settings	General settings: v ideo title and time stamp ov erlay, v ideo orientation (f lip, mirror, rotation), day /night settings; Illuminators: illuminators, anti-ov erexposure; Image settings: white balance, image adjustment (brightness, contrast, saturation, sharpness, gamma curve), def og, 3DNR, EIS; Exposure: BLC, HLC, exposure control (exposure lev el, iris adjustment, exposure time, gain control, iris mode), AE speed adjustment, WDR; Focus: zoom, f ocus; Priv acy mask; Scheduled prof ile settings
Exposure	BLC, HLC, Exposure level, iris adjustment, exposure time, gain control, iris mode
Scheduled profile setting	Yes
NDAA compliance	Yes
Users	Liv e v iewing f or up to 10 clients
Protocols	802.1X, ARP, Bonjour, CIFS/SMB, DDNS, DNS, DHCP, FTP, HTTP, HTTPS, ICMP, IGMPv3, IPv4, IPv6, NTP, PPPoE, QoS, RTSP/RTP/RTCP, SMTP, SNMP, SSL, TCP/IP, TLS 1.2, UDP, UPnP
Interface	10 Base-T/100 Base-TX Ethernet (RJ-45)

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	*It is highly recommended to use standard CAT5e & CAT6 cables which are compliant with the 3P/ETL standard.
ONVIF	Profile G & S supported specification available at www.onvif.org
Security	Access list, digital authentication, HTTPS, IEEE802.1x, password protection, signed firmware, cyber security in built in camera, user access log, user account management
Event triggers	Audio detection, camera tampering detection, cyber security events, digital input, manual trigger, motion detection, periodical trigger, recording notification, SD card, life expectancy, shock detection, system boot

Event action	Event notification via email HTTP, FTP, NAS server, SD card, push notification File upload via email, HTTP, FTP, NAS server, SD card,
General	
Connectors	RJ-45 cable connector for 10/100Mbps Network/PoE connection Audio input Audio output AC 24V power input DC 12V power input Digital input *2 Digital output *2 BNC output
Power input	IEEE 802.3af Class 0 PoE, DC 12V, AC 24V (Simultaneous Power Redundancy Supported)
Certifications	EMC: CE (EN 55032 Class A, EN55024, EN50121-4), FCC (FCC Part 15 Subpart B Class A), RCM (AS/NZS CISPR 32 Class A), VCCI (VCCI-CISPR 32 Class A); Safety : UL (UL 62368-1), CB (IEC/EN 62368-1, IEC/EN 60950-22, IEC/EN 62471); Environment: IK10 (IEC 62262), IP66/67 (IEC 60529); IA: BIS (IS 13252) for IB9387-HT-A
Operating temperature	Starting Temperature: -10°C ~ 50°C (14°F ~ 122°F) Working Temperature: -30°C ~ 60°C (-22°F ~ 140°F) (IR off) -30°C ~ 50°C (-22°F ~ 122°F) (IR on)
Humidity	98%
Edge based analytics	Intrusion detection, loitering detection, line crossing detection, unattended object detection, missing object detection, face detection, crowd detection, running detection, people detection, time filter

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1.3 Technical specifications: 360 degree Pole Security Camera

Features	Parameters
Image Sensor	1/1.8" Progressive CMOS in 3840x2160
Maximum resolution	2048X2048
Lens Type	Fixed focal
Focal length	F=1.25 mm
Aperture	F1.6
Auto Iris	fixed Iris
Shutter time	1/5 sec -1/28000 s or better
Removable IR cut filter for day and night	Yes
IR Illuminator	Built-in IR illuminators, effective up to 20 meters (50IRE) with Smart IR II, IR LED*4
Minimum Illumination	0.07 lux @ F1.6(Colour) <0.001 lux @ F1.6 (B/W) 0 lux with IR illumination on
digital zoom	12X
On board storage	Seamless Recording to MicroSD/SDHC/SDXC card and recording to network-attached storage (NAS)
Video compression	H.265,H.264 & MJPEG
Video frame rate	30fps @ 2048x2048 (WDR On)
Video stream	3 video streams (Up to 8 configurable profiles)
S/N ratio	65 dB or more
WDR	120 dB or better
Video streaming	Adjustable resolution, quality and constant bit rate control, Smart Stream III
General settings	Video title and time stamp overlay, flip, mirror, anti-overexposure, Privacy mask
Image settings	General settings: video title and time stamp overlay, video orientation (flip, mirror), day/night settings; Illuminators: illuminators, anti-overexposure; Image settings: white balance, image adjustment (brightness, contrast, saturation, sharpness, gamma curve), defog, 3DNR, scene mode (auto, deblur); Exposure: BLC, HLC, exposure control (exposure level, iris adjustment, exposure time, gain control, iris mode), AE speed adjustment, WDR; Privacy mask; Scheduled profile settings
Exposure	BLC, HLC, Exposure level, iris adjustment, exposure time, gain control, iris mode
NDAA compliance	Yes
Users	Live viewing for up to 10 clients

Protocols	802.1X, ARP, Bonjour, CIFS/SMB, DDNS, DHCP, DNS, FTP, HTTP, HTTPS, ICMP, IGMPv 3, IPv 4, IPv 6, NTP, PPPoE, QoS (CoS/DSCP), RTSP/RTP/RTCP, SMTP, SNMP, SSL, TCP/IP, TLS 1.2, UDP, UPnP
Interface	10 Base-T/100 Base-TX Ethernet (RJ-45) *It is highly recommended to use standard CAT5e & CAT6 cables which are compliant with the 3P/ETL standard.
ONVIF	Profile G, S & T supported specification available at www.onvif.org
Smart Motion Detection	Five window video motion detection, people detection, time filter
Security	Access list, digest authentication, HTTPS, IEEE 802.1x, password protection, secure boot, signed firmware, Trend Micro IoT Security (brute force attack event, cyber attack event, quarantine event), user access log, user account management

	account management
Event triggers	Audio detection, camera tampering detection, cyber security events, digital input, motion detection, recording notification, SD card, life expectancy, shock detection, system boot
Event action	Event notification via email HTTP,FTP,NAS server ,SD card, File upload via email, HTTP,FTP,NAS server ,SD card,
General	
Connectors	RJ-45 cable connector for 10/100 Mbps Network/PoE connection *IO Cable Version (DC 12V power input, audio line input, audio line output, digital input*1, digital output*1)
Power input	IEEE 802.3af class 0
Power consumption	Max 12.5 W/5W
Certifications	EMC: CE (EN 55032 Class A, EN 55024), FCC (FCC Part 15 Subpart B Class A), VCCI (VCCI-CISPR 32 Class A); Safety : UL (UL 62368-1), CB (IEC/EN 62368-1, IEC/EN 60950-22); Environment: IK10 (Metal housing; IEC 62262), IP66 (IEC 60529), NEMA (NEMA 250 Type 4X); IA: BIS (IS 13252)
Operating temperature	Starting Temperature: -20°C ~ 55°C (-4°F ~ 131°F) Working Temperature: -40°C ~ 60°C (-40°F ~ 140°F) (IR off) -40°C ~ 55°C (-40°F ~ 131°F) (IR on)
Humidity	90% RH (non condensing)
Display mode client de-warping and local de-warping	Yes






1.4 Technical Specifications- Local Processing Unit

S.No.	Technical Specifications	
1	CPU	7th Generation Intel® Core™ i7/ i5/ i3 CPU
2	GPU	Intel® HD Graphics 630
3	Memory	DDR4 2133MHz SODIMM, up to 32 GB
4	Expansion	VPU AI Accelerator Mini PCIe Card (Optional)
5	Display	1*VGA, 1*HDMI, 1*DP
6	LAN	6*Intel I210AT PCIe Gig. Ethernet; 1*Intel I219LM PCIe Gig. Ethernet support iVpro
7	Secondary Storage	2x2.5" SATA HDD/SSD Bay
8	COM	RS-232/422/485*4
9	Audio	Line out
10	USB	6*USB 3.0, 2*USB 2.0
11	System control	Power On/Off button x 1
12	LED light	1*Power LED, 1*HDD LED, 3*CPU term. LED (Red : Warning , Yellow : High, Green : Normal)
13	Power	Voltage Input : DC6~48V AC Input : External Adapter (Option) Voltage Input : 100VAC~240VAC@50~60Hz
14	OS	Linux

1.5 Technical Specification of Software

S.No	Technical Specifications	
	Software Name	Server
1	ITMS	Linux Server, 12.9.175 Version
2	NMS	Linux Server, 7.7.700 Version
3	VMS	OS Window, 2.83 Version






2. Vehicles entering into Uttarakhand from Other States detected through ANPR Camera System

24.08.2024 to 31.08.2024

Total Vehicles	1048575
Uttarakhand No. Vehicles	539703
Other State No. Vehicles	508872
Other state Vehicles excluding 2 wheelers (LMV & HMV)	268164

Note: Number of vehicles entering into the state of Uttarakhand from other states varies throughout the year reaching its peak during tourist season/summer and coming to slump during lean season like monsoon.

