NEW MANGALORE PORT AUTHORITY
MECHANICAL ENGINEERING DEPARTMENT

Replies to pre-bid queriesof the bidders for the work of"PROVIDING VEHICLE SURVEILLANCE SYSTEM AND ANPRS INCLUDING CAMC AND ONSITE SUPPORT AT MALLYA GATE NMPA"

NIT No: EE(E)-I/ESD-I/A/2022-23/07/12 TENDER ID:2022_NMPT_727804_1

Sl. NO.	Related Clause/technical specifications of the tender	Query	NMPA Response
1.	5.6 Technical specifications and Compliance: Under Vehicle Scanning System (UVSS), Point No.17. The UVSS should capture Co-passenger of the vehicle additional to driver image and store it in respective database for post event analysis.	The Co-passenger image captured by UVSS will not be clear/there will be reflection due to the sunlight during the day time. Request you to kindly clarify if there would be shelter in the passage? We also suggest to fix the cameras on either side (left & right) of passage to get the clear image.	All Four Sides of the Vehicle to be covered with Cameras apart from UVSS. Tender condition holds good.
2.	5.6 Technical specifications and Compliance, Point No. 20 (First Para), Page No. 54 The UVSS applications & operating software should be LINUX based only. Preferably be based on open architecture on Linux platform. It must have a user friendly Graphical User Interface (GUI) with	This Clause is very restrictive as there is only one OEM who make a Linux based system. If participation is restricted to only one OEM, then the OEM will dictate prices and unnecessarily increase the cost for NMPT. Also, the OEM will actually through his pricing decide who will win the Tender. Request you to kindly remove or amend this Clause suitably, to ensure a free and fair competition between Bidders thereby	The bidder shall provide "**Proven Latest**" licensed operating system to meet the requirement of the project. Necessary licensing document shall be submitted and also license shall be perpetual. It must have a user friendly Graphical User Interface (GUI) with provision for multiple users logging of events and search facility.

Sl. NO.	Related Clause/technical specifications of the tender	Query	NMPA Response
	provision for multiple users logging of events and search facility. The UVSS GUI should be available in multi-language.	ensuring lowest Cost to NMPT	
3.	**5.6 Technical specifications and Compliance, Point. No. 20 (Second Para), Page No. 54** The UVSS should automatically detect the make & model of the vehicle with Artificial Intelligence and compare the respective model from the standard library and highlight the differences of original make and present vehicle with audio and video alert.	• Model has to be selected from a list of makes and models from a drop down menu. In both the points you are asking to identify Vehicle Make and model and provide an alert and a drop down menu to select the make and model. Identifying the Make and model of the vehicle from its underbody is difficult and will result in lot of false identifications and may need manual intervention. You need to be aware of the same. This is true for all major UVSS OEM's and everybody will have this problem. So request to put in check and measures to compensate the drop in accuracy or modify this clause appropriately.	It's an undercarriage Comparison only. Vehicle details will be available using ANPR. Tender condition holds good.

Sl. NO.	Related Clause/technical specifications of the tender	Query	NMPA Response
4	**5.6 Technical specifications and Compliance, Point No. 24, Page No. 55** System should have artificial image based comparison. System should pick the respective model even without number plate also.	Kindly brief if it is Vehicle based comparison or Undercarriage comparison	It's an undercarriage Comparison only. Tender condition holds good.
5.	**5.6 Technical specifications and Compliance, Section 3.** Public Address system/Sound Horn and Accessories Page No.58	In the RFP document it is asked for the Public Address system compliance, but there is no quantity mentioned in RFP and also this line of item is not mentioned in the BOQ. Kindly Clarify, if public address System/ Sound Horn and Accessories is a part of this RFP. If so, Kindly include the line of item in BOQ and also mention the quantity.	Refer Price Bid Sl. No 1.7, Item No. 5and Tender BOQ item Sl. No. 1 (e)
6.	Page 109, Serial No. 3 Server & Workstation , points a & b, Page 59, server compliance, point 4, Sl. No. 3 BOM (Page No. 109) Point (a) SSD X 2 Nos. Point (b) SSDX2 Nos. Compliance (Page 59, point no. 4, Sl. No. 3) 480 GB SSDX6 Nos.	The no. of SSDs required as per the compliance sheet and BOM are different, kindly suggest.	The required SSD per server is 2 Nos.

Sl. NO.	Related Clause/technical specifications of the tender	Query	NMPA Response
7.	Server Compliance, Page No.59, Sl. No 4	Also, note that if more than 2/3 SSDs are required per server with 12 3.5" drives, either drives will have to be provisioned separately. Kindly Clarify, what configuration required?	The required SSD per server is 2 Nos. The configuration remains same as per Tender requirement.
8.	Server Compliance Page No 59, Point 4, SL No 6	HBA Interface. Please clarify the use of 16Gb FC HBA as given in the Compliance given in the sheet only.	It's required for future connectivity.
9.	Server Compliance Page No 59, Point 4, SL No 7	Linus OX, Please confirm if Linux OS is required with support or you would go with a free version.	The bidder shall provide "Proven Latest" licensed operating system to meet the requirement of the project. Necessary licensing document shall be submitted and also license shall be perpetual. .
10.	BOQ and Compliance Page 109, Serial No. 3 Server & Workstations , points B	In BOM: windows 2019 Std. Kindly clarify: Compliance you have asked for LINUX and in BOQ you have Windows 2019 Std. The OS required as per the compliance sheet and BOM are different kindly suggest.	The bidder shall provide "Proven Latest" licensed operating system to meet the requirement of the project. Necessary licensing document shall be submitted and also license shall be perpetual.

Sl. NO.	Related Clause/technical specifications of the tender	Query	NMPA Response
11.	Page 59, Server Compliance, Point 4, Sl. No 7	In Compliance: LINUX OS or better, Windows server standard is available for 2022 version since v. 2019 is now obsolete. Please confirm if it can be quoted	The bidder shall provide **"Proven Latest"** licensed operating system to meet the requirement of the project. Necessary licensing document shall be submitted and also license shall be perpetual.
12	BOQ SL. No 7, Passive Components	6 Mtrs Pole tubular Galvanized & Pole Foundation of Civil Work- Qty 4 Nos There are 16 Bullet Camera and 4 Dome Camera. Total 20 camera. As per our understanding 4 bullet camera's in each pole. Kindly clarify Where do we need to fix 4 Nos Dome camera	Only one camera has been considered per pole. However, the bidder may visit the site and make his own assessment, prior to submission of the bid.
13	BOQ Sl. No. 6 VMS License for New Cameras	Kindly clarify VMS is required only for 4 cameras as BOQ having requirement of total 20 cameras.	VMS is considered for 4 cameras. However, the bidder may visit the site and make his own assessment, prior to submission of the bid.
14	BOQ Sl No. 44Documentation Testing Report, Tagging, Labelling with Training with Existing Cameras remove & Reallocation. New Camera Fixing Charges. This also includes any other works, which requires for Commissioning of the entire system.	Kindly provide details of removal of existing cameras	During execution of the project, if it is necessary relocate/remove any camera, the same to be carried out by the bidder, at his cost.

Sl. NO.	Related Clause/technical specifications of the tender	Query	NMPA Response
15.	Point No. 51 (safety certifications) of Technical specifications of cameras	CE, FCC, UL, VCCI, C-Tick, LVD certificates are required from OEM. Out of these certificates FCC, VCCI, C-Tick and LVD are foreign standard certificates. It is understood that only single OEM qualifies the said criteria and hence, this is creating OEM lock-in situation.	The equipment and components to be designed, with a voltage rating between 50V and 1000VA.C, hence must comply with safety standards. The OEM has to submit Cameras Electromagnetic radiation test certificate and also ensure Electromagnetic Interference (EMI) from multimedia equipment (MME) are within safety limits. Hence, OEM has to submit lab tested report from Authorised Agency which, signifies compliance with applicable EMC standard and should also provide a traceable link between the equipment and the supplier.

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CORRIGENDUM-4

PROVIDING VEHICLE SURVEILLANCESYSTEM AND ANPRS INCLUDING CAMC AND ONSITE SUPPORT AT MALLYA GATE NMPA

Sl. No.	Heading/Clause/page no.	Existing	Read as
1.	General Condition of Contract, Clause No. 3.37 - Inspection & Tests, Page No. 35	Additional terms and conditions added to the existing clause no. 3.37	vi. To ensure compliance of relevant standards and Tender specifications, the SITC of the entire system will be inspected by TPI Agency engaged by NMPA. TPI charges will be borne by NMPA. vii. Payment shall be released to the contractor based on the certification received from the TPI agency, on satisfactory compliance of the Terms and conditions of the Tender, as per payment Terms of the Tender.
2.	Scope of Work and Technical Specifications, Clause No. 5.2, xviii, Page No. 49	Entire vehicle surveillance system as a whole has to be cyber security audited by the CERT-IN empanelled agency before commissioning of the system. The cost of such audit shall be borne by the contractor including coordination with the agencies to get the system audited within time before commissioning of the	Entire vehicle surveillance system as a whole has to be cyber security audited by the CERT-IN empanelled agency before commissioning of the system. The cost of such audit shall be borne by the contractor including coordination with the agencies to get the system audited within time before commissioning of the system as applicable, shall be complied.

Sl. No.	Heading/Clause/page no.	Existing	Read as
		system as applicable, shall be complied. Otherwise for the independent server, if cyber security is not applicable, same will be waived off based on production of documentary evidences/as per the rules and regulations.	
3.	Sl. No. 4 (1), Server Compliance, ANPR & UVSS Servers, Page no. 59	Processor : Intel/AMD Xeon Silver 4314, 2.4Gh,16Core Dual processor or better	2.4 Ghz, 16 Core Dual processor or better.
4.	Sl. No. 4 (5) , Server Compliance, ANPR & UVSS Servers, Page no. 59	Graphics Cards: NVIDA QUADRO RTX4000 or Better	8 GB Graphics card with 256 Memory interface compatible with server or better, shall be provided as per the requirement of the project.
5.	Sl. No. 5 (1) , Work Station Compliance, , Page no. 60	Processor : Intel Core i7 with Minimum 11th GEN or better, with 1400W Better or Equivalent.	3.6Ghz base frequency, up to 5.0 GHz, 16 MB L3 Cache, 8 cores or better with latest generation.
6.	BOQ, page no. 109, Sl. No. 3 (a)	SERVER: **Intel Xeon Silver 4314,** 2.4Gh,16Core Dual processor,16GBx4 Nos (64GB),480GB SSDx2 Nos, 6TB SAS x 12 nos HDD, Dual Hot plug power supply 1400Watts,10G x2 Nos LAN Card & 2 Nos of 1G Lan Card, **LINUX OS**. Graphic Card: 8 GB graphic memory or better	SERVER:, 2.4Ghz,16Core Dual processor,16GBx4 Nos (64GB),480GB SSDx2 Nos, 6TB SAS x 12 nos HDD, Dual Hot plug power supply 1400Watts,10G x2 Nos LAN Card & 2 Nos of 1G Lan Card, operating system. Graphic Card: 8 GB graphic memory or better.

Sl. No.	Heading/Clause/page no.	Existing	Read as
7.	BOQ, page no. 109, Sl. No. 3 (b)	SERVER: **Intel Xeon Silver 4314**, 2.4Gh,16Core Dual processor,16GBx4 Nos (64GB),480GB SSDx2 Nos, HDD,6TB SAS X12Nos Dual Hot plug power supply 1400Watts,10G x2 Nos LAN Card & 2 Nos. of 1G Lan Card, **windows 2019 Std**, Graphic Card: 8 GB graphic memory or better	SERVER:, 2.4Ghz,16 Core Dual processor,16GBx4 Nos (64GB),480GB SSDx2 Nos, HDD,6TB SAS X12Nos Dual Hot plug power supply 1400 Watts,10G x2 Nos LAN Card & 2 Nos of 1G Lan Card, operating system. Graphic Card: 8 GB graphic memory or better
8.	BOQ, page no. 109, Sl. No. 3 (c)	Workstation - Client Viewing, Core i7 with minimum 11 Gen and above, 48Gb Ram, 6GB Graphic card, windows 11 pro 64Bit OS with 1TB SSD Drive + 6TB SATA DRIVE with Dual Monitor support, 1G Ethernet Port, 1 Year Warranty.	Workstation - Client Viewing, 48Gb Ram, 6GB Graphic card, operating system with 1TB SSD Drive + 6TB SATA DRIVE with Dual Monitor support, 1G Ethernet Port, 1 Year Warranty.