

Ref:- F1/T-2/CCTV MULT/2026/M-Corrigendum/ Amendment to tender document as per Pre-Bid meeting held on 15/07/2026
Tender for SITC of 7 Nos. Explosion Proof STQC approved CCTV Cameras at MULT & Barge Jetties in Puthuvypeen with 2 Years Guarantee and 5 Years CAMC thereafter



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No.F1/T-2/CCTV MULT/2026/M

**OFFICE OF THE
CHIEF MECHANICAL ENGINEER**
Willingdon Island, Cochin 682 009.
Dated:24/07/2026

CORRIGENDUM 1 – CLARIFICATIONS TO PRE-BID QUERIES/ AMENDMENT TO BID DOCUMENT

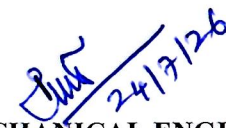
Sub: Tender for “SITC of 7 Nos. Explosion Proof STQC approved CCTV Cameras at MULT & Barge Jetties in Puthuvypeen with 2 Years Guarantee and 5 Years CAMC thereafter” – **Clarifications to pre-bid queries/Amendment to Bid Document** – Reg.

Ref: This office BID No.**F1/T-2/CCTV MULT/2026/M** Dated 06/07/2026.

The replies to pre-bid queries/ addendum/ amendments to Tender Document are attached. For further details, please log on to www.cochinport.gov.in / www.eprocure.gov.in / www.gem.gov.in portal. The bidders are requested to submit their bids after going through the Corrigendum/ Amendment and also upload copies of the corrigendum duly signed on all the pages to ensure that the bid is as per the corrigendum/ amendment.

Please note that the last date of submission & due date of opening of subject tender has been extended up to **03/08/2026 at 15.00hrs & 15.30hrs** respectively.

This corrigendum will form the part of the Tender document.


DY. CHIEF MECHANICAL ENGINEER (ELE.)


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Clarifications to pre-bid queries/Amendment to Bid Document

1. BIDDER 1					
No.	RFP Reference(s)	Page No.	Content of RFP requiring clarification	Amendment/Clarification required	CoPA Response
1	Bill of Quantities	72	Item No.4: Wall Mount-316L SS-Industrial grade Item No.5: Pole Mount-316L-SS-Industrial grade	BOQ Item No.4&5: The specified items do not appear to be standard off-the-shelf products. Kindly confirm whether these items can be site-fabricated using SS 316L material while meeting the required specifications.	Accepted. Wall Mount and Pole Mount may be site fabricated using SS316L material, provided the fabrication meets the dimensions, mechanical strength, corrosion resistance and other technical requirements specified in the tender.
2	Bill of Quantities	72	Item No.6: 4 Mtr GI Pole for Camera Item No.7: 2 Mtr GI Pole for Camera	BOQ Item No.6&7: The BOQ specifies a standard GI pole . Since these poles are intended for mounting explosion-proof cameras, kindly clarify whether a fire-retardant coating/paint is required or if a standard hot-dip galvanized GI pole is acceptable for the proposed hazardous area of installation	Tender condition amended. GI poles shall be hot-dip galvanized and provided with a suitable fireproof coating suitable for the installation environment.
3	Bill of Quantities	72	Item No.11: 6 U Wall mount outdoor Network Rack Item No.12: 6 U Wall mount Indoor Network Rack Item No.13: 3 U Wall mount outdoor Network Rack Item No.14: 3 U Wall mount Indoor Network Rack	BOQ Item No.11,12,13&14: The BOQ mentions both indoor and outdoor racks ; however, the technical specification defines environmental requirements suitable for outdoor coastal applications . Kindly clarify the exact rack type required for each item.	Clarification: Outdoor racks shall be weatherproof with minimum IP65 protection suitable for coastal outdoor installation. Indoor racks shall be standard wall-mounted network racks installed inside electrical/control rooms.
4	Bill of Quantities	72	Item No.22: HDPE pipe 25 mm	BOQ Item No.22: The BOQ includes HDPE pipe , but there is no corresponding provision for excavation, trenching, or backfilling. Kindly confirm whether excavation and associated civil works are within the contractor's scope or will be executed by others	Clarification: All civil works including excavation, trenching, backfilling, restoration, pipe laying, supports and associated works required for successful installation and commissioning of the CCTV system shall be under the scope of the contractor.

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5	Bill of Quantities	73	Item No.34: Flame proof junction box IP 67 with terminals for connecting/tapping supply for CCTV cameras	BOQ Item No.34: A flameproof junction box has been specified; however, the required enclosure dimensions or cabinet size have not been provided. Kindly specify the required size to enable accurate selection and costing.	Clarification: The contractor shall provide suitably sized certified flameproof junction boxes compatible with the cable entry requirements, terminal arrangement and accessories required for each camera installation. The enclosure shall be adequate to accommodate all wiring and accessories while complying with the applicable hazardous area standards.
2. BIDDER 2					
1	NIT- MQC-3.7	5	The CCTV cameras offered shall be STQC-ER compliant as per Meity Guidelines and copy of the STQC approval certificate shall be furnished along with the Bid.	At present, only one OEM offers an Explosion Proof CCTV Camera with STQC-ER certification, which restricts competition. We therefore request the purchaser to kindly amend the clause to also accept BIS-ER certified Explosion Proof CCTV Cameras, provided they comply with all other technical specifications and applicable Meity requirements. This will promote wider participation while ensuring compliance with the required quality and safety standards	Tender condition prevails. The CCTV cameras shall comply with the STQC-ER requirements specified in the tender document. It is mandatory as per the direction of the Government of India
3. BIDDER 3					
1	Bill of Quantities	73	Item No.11: 6 U Wall mount outdoor Network Rack Item No.12: 6 U Wall mount Indoor Network Rack Item No.13: 3 U Wall mount outdoor Network Rack Item No.14: 3 U Wall mount Indoor Network Rack Item No.34: Flame proof junction box IP 67 with terminals for	As per the BOQ, 6U and 3U outdoor network racks are specified at locations identified as hazardous (Ex-proof) areas. In such locations, we understand that Ex-proof/ flameproof enclosures or junction boxes may be required. However, the tender document mentions only flameproof enclosures. Kindly clarify the exact requirement and applicable certification standards	Clarification. Only equipment installed within the classified hazardous area shall be Explosion Proof/Flameproof. Accordingly, the Explosion Proof CCTV Cameras and Flameproof Junction Boxes shall comply with the applicable hazardous area certification requirements specified in the tender. Outdoor Network Racks are not required to be Explosion Proof and

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	Section V- 2. Technical Specification- 17- Minimum Specification – Flameproof Junction Box	68, 69	connecting/tapping supply for CCTV cameras Details are given in the tender document.		shall conform to the tender specification as amended, i.e., weatherproof with minimum IP65 protection , suitable for coastal outdoor installation.
2	Section V- 2. Technical Specification- 7,8	63	Type: 6U Wall Mount Network Rack (Indoor/Outdoor) Construction: CRCA Steel construction with powder-coated finish Mounting: Wall-mounted Standard: 19-inch rack compliant Front Door: Lockable front door with suitable access Cable Entry: Top and bottom cable entry provisions Ventilation: Adequate ventilation with provision for fan mounting, if required. Outdoor Protection: Outdoor rack shall be weatherproof with minimum IP55 protection. Corrosion Protection: Suitable for marine/coastal and industrial environments Accessories: Complete with mounting hardware, earthing	Please provide the detailed technical specifications of the 6U and 3U outdoor network racks, including: Material of construction IP protection rating Mounting arrangement Dimensions Environmental requirements Any specific certification requirements	Clarification. The minimum technical specifications are already provided in the tender document. Outdoor Network Racks shall be suitable sized wall- mounted racks fabricated from powder- coated CRCA steel or equivalent corrosion-resistant construction, complete with locking arrangement, cable entry, earthing and mounting accessories. Outdoor racks shall have minimum IP65 protection suitable for coastal outdoor installation. Indoor racks shall be standard wall-mounted network racks. No separate Explosion Proof certification is required for the Network Racks.

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		64	provision and cable management accessories Warranty: Minimum 5 Years Type: 3U, 19-inch Wall Mount Network Rack Construction: Steel construction with powder-coated finish Mounting: Wall-mounted Cable Entry: Top and bottom cable entry Door: Lockable front door Outdoor Protection: Minimum IP55 (for outdoor racks) Environmental: Suitable for marine/coastal and industrial environments Accessories: Complete with mounting hardware and earthing provision Warranty: Minimum 5 Years		
3	Section V- 2. Technical Specification- 7,8	66, 67, 68	Details are given in Tender document	We also understand that only the camera unit is required to be Ex-proof, while other components such as network racks, junction boxes, media converters, switches, and associated accessories may be non-Ex-proof. Kindly confirm whether our understanding is correct	Clarification. The understanding is partly correct . The Explosion Proof CCTV Camera and Flameproof Junction Box installed within the hazardous area shall be Explosion Proof and comply with the applicable hazardous area certification requirements. Network Racks, Ethernet Switches, Media Converters and other associated accessories installed outside the hazardous area need not be Explosion Proof. However, all such equipment shall comply with the environmental,

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					corrosion protection and technical requirements specified in the tender document.
4. BIDDER 4					
1	NIT- MQC-3.2.1	5	Similar Work Definition Similar work means "Supply, Installation, Testing and Commissioning of Industrial type CCTV Cameras".	To encourage wider participation from experienced bidders having expertise in surveillance projects executed in specialized environments, we request that the definition of Similar Work be revised as follows: "Supply, Installation, Testing and Commissioning of CCTV Surveillance Systems in Industrial Areas /Port Areas / Marine Environments / Harbour /or similar infrastructure facilities."	Tender condition prevails.
2	Section IV – Special Conditions of Contract	55	Approved Makes: Clause 2 – NVR The NVR shall be from the same OEM as the offered CCTV cameras or from a reputed OEM and shall be fully compatible with the offered IP cameras. The Bidder shall submit letter, as per the format (Annexure-20), from OEM expressing his assurance on functionality by extending technical support including supply of spares for a period of 7 years.	We request that the NVR OEM be specified as the same OEM as that of the cameras. Although ONVIF ensures interoperability, it generally supports only standard functions. Advanced camera features—particularly those related to PTZ operation, intelligent video analytics, event management, and other proprietary functionalities—may not be fully supported when cameras and NVRs are from different manufacturers. This may prevent effective utilization of the complete functionality of the proposed surveillance system.	Tender condition prevails

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3	Scope of Work, and Technical Specification	56 & 65	Clause 1.4 Page 56, of the Scope of Work specifies CAT 6A cable, whereas the Technical Specifications on Page 65 specify CAT 6 cable	Since CAT 6 and CAT 6A cables differ significantly in technical performance as well as cost, we kindly request clarification on the exact cable specification to be considered for bidding purposes.	Clarification: Confirmed that as per the tender requirement specified in the Technical Specifications on Page 65, CAT 6 cable shall be provided.
General Clarification: Wherever Explosion Proof (Ex-proof)/Flameproof equipment is specified, the requirement shall apply only to equipment installed within the classified hazardous area. All other equipment installed outside the hazardous area shall comply with the respective technical specifications, environmental protection requirements and corrosion protection requirements stipulated in the tender document. This clarification shall not dilute the requirement for STQC-ER compliant Explosion Proof CCTV Cameras as specified in the tender.					

Chs

Abul

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22/06/2026