



आईएसओ 9001-2015 पत्तन  
AN ISO 9001-2015 PORT

**MORMUGAO PORT AUTHORITY**  
**ENGINEERING MECHANICAL DEPARTMENT**  
**EQUIPMENT SECTION**

**NOTICE INVITING BUDGETORY OFFERS**

**Budgetary offer No. CME/XEN (M)/HMC-20/2024/02**

Name of Work	<p><u>“Supply, installation and commissioning of IP based Camera along with allied accessories for Port HMC Italgro.”</u></p> <p>पोर्ट एचएमसी इटालग्रु के लिए संबद्ध सहायक उपकरणों के साथ आईपी आधारित कैमरे की आपूर्ति, स्थापना और कमीशनिंग।”</p>
Date of submission of budgetary quotation	On or Before <b>30/10/2024 at 15:00 Hrs.</b>
Address for communication	Executive Engineer (M), Equipment Section 5 <sup>th</sup> floor, IOC building, Gate No. 9, Mormugao Port Authority, Mechanical Engg. Dept. Vasco-da-Gama Goa - 403804
Contact Details	Phone : (0832) 2594572, 2594540, 2594581 Email : xenm.equip@gmail.com
Website	<a href="http://www.mptgoa.gov.in">www.mptgoa.gov.in</a>

कार्यकारी अभियंता (यां)  
**EXECUTIVE. ENGINEER (M)**  
उपकरण अनुभाग  
EQUIPMENTS SECTION



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**Sub: “Supply, Installation and commissioning of IP based Camera along with allied accessories for Port HMC Italgru.”**

विषय: पोर्ट एचएमसी इटालग्रु के लिए संबद्ध सहायक उपकरणों के साथ आईपी आधारित कैमरे की आपूर्ति, स्थापना और कमीशनिंग।”

**Ref: Budgetary offer No. CME/XEN (M)/HMC-20/2024/02**

Mormugao Port Authority intends to install IP based camera at HMC's boom end for monitoring the operations of Port HMC to make it convenient for HMC operators to maneuver the Cranes Grab/Hook.

As such, it is requested to kindly furnish budgetary offer for the same. Technical specifications along with the Price Schedule enclosed at Annexure-I.

Your budgetary offer should reach to this office on or before **30/10/2024 at 15:00 Hrs.**

Thanking you

Yours sincerely,

कार्यकारी अभियंता (यां)  
**EXECUTIVE. ENGINEER (M)**  
उपकरण अनुभाग  
EQUIPMENTS SECTION

## **1.0 SCOPE OF WORK**

The current camera monitoring system at Port HMC is producing distorted video footage of cargo handling, making it challenging for operators to maneuver the crane's grab or hook during loading and unloading. To enhance safety and support crane operators, the Port plans to replace the camera monitoring system.

The scope of work thus includes the following

- a. Supply and installation of the 2 MP Full HD Network IR PTZ Camera 100 Meter range, 25x optical zoom, 16x digital zoom on the Boom end. The work involves mounting the camera along with suitable mounting base for swivel of the Camera.
- b. Supply and installation of Out Door STP CAT 6 cable with suitable conduits along the boom. The cable conduit shall be accordingly laid and fastened to the cable tray with cable ties at an interval of 1 mts.
- c. Supply and installation of the following components viz. towards commissioning of the system.
  - i. Network video recorder(NVR) with software & Support 4 Ch IP Camera
  - ii. 2 MP Full HD Network IR PTZ Camera 100 Meter range, 25x optical zoom, 16x digital zoom
  - iii. 4 Port 10/100/1000Mbps PoE Switch
  - iv. Network Control Keyboard for camera control
  - v. 1 TB Surveillance Hard Disk
  - vi. Out Door STP CAT 6 Cable
  - vii. ½ " Conduit Pipes
  - viii. Spike guard 4 Port
- d. The monitor screen for displaying the camera feed is presently available on the HMC operator cabin and same to be integrated in the system to be provided. Any additional component required for installation and commission of the system shall be provided by the contractor at no extra cost to the port within the completion period of the contract.

## **2.0 GENERAL TERMS AND CONDITIONS**

### **2.1 MINIMUM ELIGIBILITY CRITERIA**

- a. The Bidder shall have experience in supply, installation and commissioning of IP based camera system in industrial units in last 2 years ending last day of month previous to the one in which offers are invited.
- b. Bidder should have the dealership certificate of the offered brand of camera, and NVR.

### **2.2 OTHER TERMS AND CONDITIONS**

- i. No advance payment will be made.
- ii. Prices quoted should be exclusive of GST.
- iii. The offered rates shall be considering all the required material as may be needed for commissioning the entire system.
- iv. The Bidders are advised to visit the site and get acquainted regarding the nature of the work involved at site conditions before quoting the rate.
- v. Necessary Entry passes shall be obtained by the Contractor at their own cost with the approval of Port Officials.

### **2.3 Security Deposit:**

10 % of the contract value will be recovered from the contractor's bill as security deposit and retained till the defect liability period of 12 months.

### **2.4 Payment Terms:**

100% within 15 days after satisfactory completion and commissioning of work and on furnishing undisputed invoice complete in all respects. The contractor shall furnish their GST code, EPF, ESI, Wage register, Attendance register, PAN



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card, bank account number, MICR number Name of the Branch along with Bill for arranging payment made through E.C.S. by the Port.

**Annexure-I**

**Technical Specification/ Price Schedule**

<b>Sr No</b>	<b>Description</b>	<b>Rate (Rs.) (Exclusive of GST)</b>	<b>Qty.</b>	<b>Amount (Rs.) (Exclusive of GST)</b>
01	Network video recorder(NVR) with software & Support 4 Ch IP Camera Max 80Mbps Network Bandwidth Support 1 SATA HDDs up to 8TB Each, 2 USB Ports (USB2.0) VGA/HDMI simultaneous video output, maximum resolution of HDMI is 1080P Certification: UL, CE, FCC,BIS		01 No	
02	4 Port 10/100/1000Mbps PoE Switch		01 No	
03	2 MP Full HD Network IR PTZ Camera 100 Meter range, 25x optical zoom, 16x digital zoom. Enclosure: IP66/IP67, IK10, NEMA 4x or better ,Certification: UL, CE, FCC,BIS, ROHS, EMC, NDAA Compliant		01 No	
04	Network Control Keyboard for camera control		01 No	
05	1 TB Surveillance Hard Disk		01 No	
06	Out Door STP CAT 6 Cable		100 mtrs	
07	½ inch PVC conduit Pipes		90 mtrs	
08	Spike guard 4 Port		01 No	
09	Installation Charges of entire setup including Cabling and camera Installation.		01 LS	



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	<b>Total (Rs.)</b>	
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**Note: Applicable GST shall be paid extra as applicable.**