



PARADIP PORT TRUST

BUDGETARY OFFER

FOR

Supply, Installation and commissioning of CCTV Security  
Surveillance system in corridor of Administrative Building.

**SUBMISSION ON OR BEFORE 16/11/2018**

THE EXECUTIVE ENGINEER (ELECT.)

PORT ELECTRICLA DIVISION – II,

PARADIP PORT TRUST,

PARADIP, JAGATSINGHPUR,

ODISHA – 754142

Contact No. 97771-80842

Email Id: [rnsahooept@gmail.com](mailto:rnsahooept@gmail.com)

## **REQUEST FOR BUDGETARY OFFER**

### **(A) GENERAL INFORMATIONS:**

<b>Sl. No.</b>	<b>Item</b>	<b>Details</b>
1.	Name of Work	Supply, Installation and Commissioning of CCTV Security Surveillance System in Corridor of Administrative Building.
2.	Department / Organization	ELECTRICAL & MECHANICAL DEPARTMENT / PARADIP PORT TRUST
3.	Executive Division	Port Electrical Division.
4.	Officer Inviting the Offer	Executive Engineer
5.	Immediate Next Authority	Superintending Engineer
6.	Sanctioning Authority	Dy. Chairman, PPT
7.	Executing Authority	Executive Engineer

### **(B) OTHER INFORMATIONS:**

<b>Sl. No.</b>	<b>Item</b>	<b>Date</b>	<b>Time</b>
1	Publication date	26.10.2018	17:00 Hrs.
2.a)	Document download start date	26.10.2018	17:00 Hrs.
b)	Document download end date	16.11.2018	17:00 Hrs.
3.a)	Start date for seeking Clarification on-line	-	-
b)	Last date for seeking Clarification on-line	-	-
4.	Date of uploading response to Clarifications sought	-	-
5.	Offer Submission end date	16.11.2018	17:00 Hrs.
6.	Offer Validity period	120 days	
7.	Currency of Offer	Indian Rupee	
8.	Language of Offer	English	

## SCOPE OF WORK

Name of the Work: Supply, Installation and Commissioning of CCTV Security Surveillance System in Corridor of Administrative Building.

- 1) The Contractor shall plan & execute the work as per the direction of Engineer-In-Charge (EIC) at Administrative Building of Paradip Port Trust without hampering the official work.
- 2) The Contractor shall supply Bullet Camera and Dome Camera as per technical specification mentioned in the Bill of Quantity (BOQ). The CCTV Cameras along with its accessories shall be installed in the corridors of Administrative Building as per the direction of EIC.
- 3) The Contractor shall supply NVR & its accessories as per the specification mentioned in BoQ and install the same at CCTV Control Room. The Contractor shall make necessary connection along with supply of all networking cables, HDD, connectors & junction boxes, etc. for smooth functioning of system. Wiring to different Cameras / switches shall be done with casing capping by the Contractor at their own cost. Miscellaneous items like fixing stands, Electric Board, switch box, etc. shall be supplied by the Contractor at their own cost.
- 4) Any damage to Port Trust property during execution of the work shall be recovered from the Contractor's Bill.
- 5) The Contractor shall supply and install professional display monitors as per the direction of EIC with supply of all accessories such as cables, connectors, mounting clamp / stand, etc.
- 6) The system should have provision for viewing the CCTV live by 10 users. Accordingly, the Contractor has to make this facility with supply of required software & hardware. The Contractor has to supply & install license free live viewer software for 02 nos. parallel monitoring apart from live view at CCTV Control Room.
- 7) The Contractor shall install & commission the CCTV system to the satisfaction of the EIC and demonstrate the operation to concerned officers & staffs, who will be nominated for the work.
- 8) The Contractor shall keep initial spare of the system for quick restoration of system without any delay.
- 9) The Contractor shall carry out the AMC of the system for a period of 02 years after completion of warranty period. The Contractor has to supply all spares and consumables as required for smooth running of CCTV system at his own cost. The Contractor has to attend the fault immediately to make the system function and for this, the Contractor has to keep his technicians readily available at PPT site.

## **OTHER COMMERCIAL CONDITIONS**

### **1) Payment Terms:**

The payment will be made as follows:

- i) 90% payment shall be made after successful installation and commissioning of CCTV security surveillance system in corridor of Administrative Building & acceptance thereof by the Engineer-In-charge (EIC).
- ii) Balance 10% of the total contract value shall be retained by PPT towards Performance Security Deposit. The Performance Security Deposit shall be released after successful completion of the warranty period only. The Contractor may furnish a Bank Guarantee of equal value valid till one month after expiry of the warranty period in which case the balance 10% money will be released for payment.

### **2) Execution Period:**

The execution period of the work shall be 60 days from the date of issue of work order.

### **3) Warranty:**

The warranty period shall be valid up to 1(one) year on the entire work inclusive of the supply items with effective from date of acceptance of the work.

- The Contractor shall warranty the Board that the goods and services under this contract will comply strictly with the contract, shall be first class in every particular case and, shall be free from defects. The Contractor shall further warrant the Board that all materials, equipment and the supplies furnished by him/her will be new and fit for their intended purposes.
- The Board shall promptly notify the Contractor in writing of any claim arising under this Warranty. Upon receipt of such notice, the Contractor shall promptly repair or replace the defective goods and/or services at no cost to the Board.
- If the Contractor, having been notified, fails to remedy the defects in accordance with the contract, the Board may proceed to take such remedial action as may be necessary, at the Contractor's risk and cost.

### **4) Liquidated Damage (LD):**

- a) Unless otherwise specified, in case of delay in completing the work, liquidated damage shall be charged to the Contractor at the rate 0.25% of the contract price for a delay of one week or part thereof subject to a maximum of 5% of the contract price if the original execution period is 90 days or more. Where the original execution period is less than 90 days, liquidated damage shall be charged to the Contractor at the rate of 0.1% of the contract price for a delay of one day or part thereof subject to a maximum of 5% of the contract value. Where the Liquidated Damage amount exceeds the maximum limit, Paradip Port Trust reserves the right to:-

- i) Terminate the contract and / or ii) Forfeit the Initial Security Deposit (ISD).

- b) In case of “substantial completion” of a section of work and subsequent taking over by the purchaser within the scheduled date of completion, the liquidated damage shall be levied on the cost of balance portion of the works which are completed after the scheduled date. “Substantial Completion” of a section shall mean that the section has been completed, passed the tests, if any, to meet its intended purpose and can be used by the purchaser for that purpose.
- 5) Any query in this regard may be raised to the following email id prior to **dt.03/10/2018 (up to 17:00 hrs.)**.

**Note:** Budgetary offers shall be submitted to the following address (through email or by Registered Post):

Executive Engineer (Elect),  
Port Electrical Division – II,  
Paradip Port Trust.  
PO: - Paradip,  
Dist: - Jagatsinghpur  
Odisha – 754142  
Contact No. 97771-80842  
Email Id: [rnsahooeppt@gmail.com](mailto:rnsahooeppt@gmail.com)

## BILL OF QUANTITY

**Sub.:** Supply, Installation and Commissioning of CCTV Security Surveillance System in Corridor of Administrative Building.

Sl. No.	Description	Qty.	Unit	Rate (Rs.)	Amount (Rs.)	Remarks
1.	Supply of 5 Megapixel CMOS Vandal-proof Network Dome Camera, Shutter speed, Image sensor 1/3" Progressive Scan CMOS, Min. illumination 0.01Lux @ (F1.2, AGC ON), 0 Lux with IR 0.014 Lux @ (F1.4, AGC ON), 0 Lux with IR. Shutter speed 1/3 s to 1/100,000s, Lens 2.8-12 mm. Angle view: 104°. Day Night IR cut filter with auto switch. 3D DNR, 120 dB WDR, Video Compression H.265/H.264/MJPEG. Video Bit Rate: 32Kbps-8Mbps.Max Resolution 2944*1656. Image Setting Rotate mode, Saturation, focus, Brightness, Contrast adjustment by client software or web browser. ROI support. Network storage: Local storage: Built-in Micro SD/SDHC/SDXC card slot up to 128 GB.NAS. Support two way communication, Triple stream with digital I/O. (Support NFS, SMB/CIFS). Protocol TCP/IP, ICMP, HTTP, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, UPnP, SMTP, IGMP.ONVIF (certified by ONVIF site), PSIA, CGI, ISAPI, Communication interface: 1RJ45 10M/100M Ethernet interface. IR range: 30 Mtr., Ingress Protection Level IP-67 with IK10 (with Certificate). Power supply: 12 V DC, PoE (802.3af). Support tripe wire, intrusion detection, Unattended Baggage & Face detection. Certification UL, EN (61000, 55022, 60950), RoHS, WEEE and CAN ICES-3(B) and need to attached with technical bid.	4	No.			
2.	Supply of 5 Megapixel CMOS Vandal-proof Network Bullet Camera, Shutter speed, Image sensor 1/3" Progressive Scan CMOS, Min. illumination 0.01Lux @ (F1.2, AGC ON), 0 Lux with IR 0.014 Lux @ (F1.4, AGC ON), 0 Lux with IR. Shutter speed 1/3 s to 1/100,000 s 50m IR, Lens 2.8-12 mm. Angle view: 104°. Day Night IR cut filter with auto switch.3D DNR, 120 dB WDR, Video Compression H.265/H.264/MJPEG. Video Bit Rate: 32Kbps-8Mbps.Max Resolution 2944*1656. Image Setting Rotate mode, Saturation, focus, Brightness, Contrast adjustment by client software or web browser. ROI support. Network storage: Local storage: Built-in Micro SD/SDHC/SDXC card slot up to 128 GB. NAS.	21	No.			

	Support two way communication, Triple stream with digital I/O. (Support NFS, SMB/CIFS) Protocol TCP/IP, ICMP, HTTP, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, UPnP, SMTP, IGMP. ONVIF (certified by ONVIF site), PSIA, CGI, ISAPI, Communication interface: 1RJ45 10M/100M Ethernet interface.IR range: 30 Mtr., Ingress Protection Level IP-67 with IK10 (with Certificate). Power supply: 12 V DC, PoE (802.3af). Support tripe wire, intrusion detection, Unattended Baggage & Face detection. Certification UL, EN (61000, 55022, 60950), RoHS, WEEE and CAN ICES-3(B).					
3.	Supply of 64 channel Network Video Recorder Linux based & shall support up to 96 TB HDD with ANR technology, HDD hot swap, output HDMI1, HDMI2, shall support 1 e-SATA interfaces, with Hot swappable facility with 1E-SATA for Video back up, support RAID 0,1,5,10, shall be 19" rack mountable. 10M/100M/1000M network interfaces (2 LAN Ports), support N+1 redundancy third party ONVIF cameras supportable. with analytics, Support tripe wire, intrusion detection, camera tampering, abounded baggage, H. Unattended Baggage & Face detection. Video Recorder shall be UL 60950-1 certified, CE Certified, FCC Certified.	1	No.			
4.	Supply of 6 TB surveillance HDD to be assembled in NVR.	04	No.			
5.	Supply of 8 Port Unmanaged POE Switch 8x10/100/1000 Mbps PoE ports, each port support 802.3af/802.3 at self adaption, 1x10/100 Mbps uplink port,123watts PoE, 250 mtr. transmission, 4 kV surge protection, plug and play installation.	07	No.			
6.	Supply of 55" LFD professional display monitor 24 x 7 operations.	3	No.			
7.	Supply and laying of CAT6 4 pair LAN cable with solid annealed bare electrolytic grade copper conductor and overall FR PVC jacketing shielded twisted pair (STP) in existing channel / conduit, etc. as required. Make: D-link / Digisol.	1,100	Mtr.			
8.	Supply of 3C x 1.5 sq.mm, 1.1 kV grade, PVC power copper cable.	900	Mtr.			

Sl. No.	Description	Qty.	Unit	Rate (Rs.)	Amount (Rs.)	Remarks
9.	Supply Desktop PC (Core I.5. 4GB RAM, 1 TB HDD, DVD RW, loaded with original windows, antivirus with Live view software for parallel monitoring.	2	No.			
10.	LIVE view Software for parallel monitoring 10 users.	1	No.			
11.	Installation and commissioning charges.	1	Job			
12.	3 kVA Online UPS (4 hrs. Back Up).	1	No.			
13.	AMC of complete CCTV system with supply of all spares & consumables (after expiry of warranty period).	2	Year			

**NOTE:** GST percentage may be mentioned as extra against each item.