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Govt. of India

“मेरिन हाऊस” “Marine House”
हेस्टिंग्स, Hastings, कोलकत्ता /

भारत सरकार / GOVERNMENT OF INDIA
पोत परिवहन मंत्रालय / MINISTRY OF SHIPPING
समुद्री वाणिज्य विभाग / **MERCANTILE MARINE DEPARTMENT**
कोलकत्ता — जिला / Kolkata District

No. 04/POMMD/KOL/ST/CCTV/2013

Dated-10/12/2018

NOTICE

Sealed financial quotations are invited from the reputed & reliable Company having Trade License & GST registration, for **up gradation with buyback of present system**

New System Requirements:-

- i) **CCTV systems comprising 32 nos. cameras in various places of Marine House (only video) (Audio optional)**
 - ii) **Supply and Installation of 03 nos. new CCTV camera with one NVR**
- (Technical specification are elaborated in attached Annexure-1)**

Present System:-

We have 2 nos. 16 Channel DVRs with capacity of 2 TB Storage surveillance Hard disk and 24 nos. Analog Dome Camera (Hickvision) and 8 nos. Analog Bullet camera (Hickvision). The specification of both DVRs is as follows:-

1. Make-Hickvision, Model No.- DS-7A16HGHI-F1/N, Serial No.-101030513
2. Make-Hickvision, Model No.- DS-7A16HGHI-F1/N, Serial No.-118902034

Interested companies may furnish their detailed breakup for cost of purchasing of New system and the price of buyback of old system and difference payable therein for the above subject by on or before 3 P.M. 31.12.2018. Vendors may submit their documentary evidence of their services in various Govt. /Semi Govt. organization and OEM authorisation for the installation & service of the said systems.

Interested vendors can have a look at the present system to estimate the buyback price.

(Ubaidu Rehman)

E&SS-cum-Deputy Director General (Tech).

समुद्री वाणिज्य विभाग / Mercantile Marine Department

कोलकाता जिला / Kolkata District.

Distribution:-

1. Notice Board (MMD, Kolkata)
2. Notice Board(Shipping Office/Seamen's Employment Office, Kolkata)
3. DGS Site.

Annexure-I

Indicative Technical Specification for IP Based CCTV (with varifocal lens) surveillance system.

- Vendor should buyback of present Video Wall in this tender proposal; vender will be responsible for de-installation, loading and transportation of video wall.
- Vendor should reinstall all CCTV room networking.
- The complete system (camera and NVR) should be connected by cables only.
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Si. No.	Feature	Description
01.	Resolution	1MP-1.3MP
02.	Image Resolution	1/3" CMOS
03.	WDR	Digital
04.	Minimum illumination	0.1 Lux/F1.2 (color or better)
05.	Infrared Sensor	Smart EXIR(Enhanced Infra-Red Lighting Explained)
06.	Video Compression	H.264
07.	Lens.	2.8 mm to 12 mm
08.	Image Enhancement	BLC/3D DNR (Digital Noise Reduction)
09.	Night Vision distance	100 ft
10.	Viewing angle	90° to 20°
11.	Power source	DC 12V
12.	Video Signal	HDCVI (High Definition Composite Video Interface)
13.	PoE Support	Yes
14.	White Balance	Yes
15.	Audio	Optional

Technical Specification of NVR (Network Video Recorder).

Si. No.	Feature	Description
01.	IP Network Input	32 channel.

02.	HDMI Output Resolution	4k
03.	Video decode format	H.264/MPEG4
04.	VGA Output Resolution (video bit rate)	1080P
05.	IP Channel Resolution	8MP/6MP/5MP/4MP/3MP1080P/UXGA/720P/VGA/VGA/4CIF/DCIF/2CIF/CIF/QCIF
06.	Network Interfence	10M/100M/1000M Ethernet, RJ45
07.	USB	2.0, 3.0
08.	Image Capture	Supports JPEG Image Capture
09.	Temperature	-10° to 55°
10.	Humidity	10% -90%
11.	Power Consumption	20W
12.	Power	DC +12V 4A

Technical Specification of Network Switch:-

<u>Sl. No.</u>	Description	
1.	Layer-2 Managed Switched	
2.	1 + 1 of Reduntant power supply	
3.	Port Type should be Gigabit Copper and Fiber.	
4.	PoE should be supported on all Copper Port	
5.	Total nos. of required Port is 24 T Combo and 4 combos.	
6.	Qos should be supported.	
7.	Surveillance VLAN should be supported.	
8.	Conductor	Copper
9.	AWG	23
10.	Type	CAT 6
11.	Capacity	4 TB