



## **Supply, Delivery, Installation, Configuration and Commissioning of a CCTV System at Custom House**

**Bid No: MRA/CCTV/26**

Please find hereunder queries raised by potential bidders and MRA responses. This information is being provided pursuant to Section 1 "Instruction to Bidders" Paragraph 7 – Clarification of Bidding Documents.

Item	Questions	Answers
1	1.1. Who shall do the backbone?  1.2. Is there a network point in each riser?  1.3. Is there electrical power in each riser?  1.4. Is it required to pull power cable from a specific point?  1.5. Does the CCTV system require UPS?  1.6. Item 17 is missing in the BOQ. Confirm if one item is missing?  1.7. Please clarify meaning of Dual Monitor 22"? Is it a workstation with a graphic card providing 2 VGA outputs?	1.1. The successful bidder.  1.2. No  1.3. No  1.4. Yes  1.5. No  1.6. Typing error. No item is missing. The BOQ is complete.  1.7. As per bid document: 2 workstations are required and each equipped with dual output.
2	2.1. Full set of drawing of each floor with appropriate dimensions?  2.2. Location of Telecom riser for data cabinet & server room to accommodate switches on each level?  2.3. Location of DB at each floor?  2.4. Cable tray routings for both electrical and data network?	2.1. Find attached drawing in pdf format Annexures 1 to 8.  2.2. Find attached drawing in pdf format Annexures 1 to 8.  2.3. Refer to attached document in pdf Annexures 1 to 8.  2.4. Supplier to propose cable routings following the site visit.

3	<p>3.1. Why MRA is requesting for only one brand of manageable switches?</p> <p>3.2. Details for software compression</p> <p>3.3. Details for recording frame per seconds</p> <p>3.4. Details for video streaming bandwidth</p>	<p>3.1. MRA has existing CISCO IT Infrastructure. To ensure <b>system integration, compatibility and standardization</b> with MRA existing Cisco routing, switching and security infrastructure, MRA is looking for CISCO Equipment only.</p> <p>3.2. H264 codec</p> <p>3.3. Minimum: 10 FPS</p> <p>3.4. Minimum speed: 2 Mbps</p>
4	<p>4.1. Image of IP camera should be in black and white or color?</p> <p>4.2. Should the cameras be equipped with night vision?</p> <p>4.3. Details of connection for the two Switches situated on ground floor?</p> <p>4.4. Details of the connectivity of the backbone</p>	<p>4.1. In color</p> <p>4.2. Yes</p> <p>4.3. All floor data switches are cascaded from the main data switch located on the fifth floor at Custom House using one pair (two cores) within the fiber cable.</p> <p>4.4. One Gigabit Ethernet</p>
5	<p>5.1 Would details be provided for false ceilings to be made good by the potential contractor in case of default?</p>	<p>5.1 Details will be provided as and when required depending on the nature of works and type of false ceiling to be made good.</p>