

**Tender for Design, Supply, Installation,  
and Testing and Commissioning of Closed  
Circuit Television (CCTV) system at Main &  
Annexe Building**

**INDIA INTERNATIONAL CENTRE  
40, MAX MUELLER MARG  
NEW DELHI 110003**

12.2.2020

To

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**Sub: Design, Supply, Installation, Testing and Commissioning of Closed Circuit Television (CCTV) system at Main & Annexe Building, INDIA INTERNATIONAL CENTRE, 40, Max Mueller Marg, New Delhi 110003.**

Sir,

Sealed offers are invited by the HMD, INDIA INTERNATIONAL CENTRE, 40, Max Mueller Marg New Delhi 110003 for Design, Supply, Installation, Testing and Commissioning of Closed Circuit Television (CCTV) system at Main & Annexe Building.

**Sealed tenders are to be submitted in two parts namely; (1) Technical Bid and (2) Price Bid. Both bids are to be submitted simultaneously on the same date. First, the Technical Bids shall be opened and evaluated based on the evaluation, the bidders shall be declared technically qualified. Thereafter, Financial Bids of only those bidders shall be opened who have been decided technically qualified.**

The offer should be sent to the HMD, INDIA INTERNATIONAL CENTRE on or before 1700 hrs, 25<sup>th</sup> Feb 2020. Rates may be indicated as per the specifications given in the enclosed lists. Validity of quoted rates will be for 90 days

Offers should be submitted complete in all respects.

The firms are advised to inspect the site, ground conditions and detailed architectural and civil drawings to make themselves fully aware of the scope of work, terms and conditions as also the conditions under which the Closed-Circuit Television (CCTV) are to be installed. No claim for any extra payment of any kind on account of lack of information as to risks, contingencies and other circumstances which may influence or affect their offers shall be entertained after the award of the work.

The rates should be quoted neatly both in figures and in words. In case of discrepancy in the rates quoted in words and figures, rates quoted in words shall prevail.

The firm shall keep his offer open for acceptance for 90 days from the date it is opened.

A Firm who does not fulfill all or any of the instructions contained in the offer or any term or condition in this offer or conditions not covered and/or contemplated by the terms and conditions of this contract, shall be liable to be rejected.

IIC shall reserve the right to reject any or all the offers without assigning any reasons.  
Thanking you,

Yours sincerely,  
HMD IIC

Encl: as above

## **Technical Eligibility Criteria:**

### **Technical Capacity**

The tenderer should be authorized system integrator of CCTV System for shall have satisfactorily executed work of CCTV System during the last 5 years in any govt. / semi-govt. / Public Sector Organizations / Private Organizations in their own name or by manufacturer, however manufacturer's undertaking shall be submitted to provide full technical support during the entire contract period.

The Bidder must possess GST registration -self attested copy should be attached.

The Bidder must possess PAN registration with Income Tax department self-attested copy should be attached.

### **Presentation**

The tenderer should be arrange presentation of their CCTV system with all technical details as per the date informed by the Engineer In charge.

### **Preparation of BOQ**

Preparation of bill of quantity , type of software require , makes , technical parameters of the equipment will be assessed by the tenderer with the help of scope of work given in the Annexure - 1 and submit their quote

SCOPE OF WORK

## Additional Requirement of CCTV cameras

S.No	Venue	Type	Place	Qty
	<b>Main Building</b>			
1	Main Reception lobby counter	Dome	Indoor	1
2	Main Reception lobby	Dome	Indoor	1
3	Main Reception Lift & Stair Case	Dome	Indoor	1
4	Hostel I floor Lift area	Dome	Indoor	1
5	Hostel II floor Lift area	Dome	Indoor	1
6	Lounge Pastry Shop	Dome	Indoor	1
7	Dining Hall Outside Staircase	Dome	Indoor	1
8	Conference Room II Outside Staircase	Dome	Indoor	1
9	P D Hall Inside	Dome	Indoor	2
10	Terrace Pergola Inside	Dome	Indoor	2
11	Auditorium Lobby	Dome	Indoor	1
12	Kamaladevi Block Basement-I	Dome	Indoor	3
13	Kamaladevi Block Basement-II	Dome	Indoor	1
14	Car Hailer Area	PTZ	Indoor	1
15	GR # 1 to 19 lobby	Bullet	Indoor	2
16	GR # 21 to 40 lobby	Bullet	Indoor	2
17	GR # 41 to 47 lobby	Bullet	Indoor	2
18	GR # 48 to 52 lobby	Bullet	Indoor	2
19	GR # 53 to 56, 68 to 70 lobby	Bullet	Indoor	2
20	GR # 59 to 67 lobby	Bullet	Indoor	2
	<b>Annexe Building</b>			
21	Annexe Reception Counter	Dome	Indoor	1
22	Annexe Reception lobby	Dome	Indoor	1
23	Annx Committee Room- I	Dome	Indoor	1
24	Annx Committee Room- II	Dome	Indoor	1
25	Annx Ground Floor Guest Lift & Toilet area	Dome	Indoor	1
26	Annx Mezzanine Floor Guest Lift area	Dome	Indoor	1
27	Annx I Floor Guest Lift area	Dome	Indoor	1
28	Annx II Floor Guest Lift area	Dome	Indoor	1
29	Annx Basement Service Lift area	Dome	Indoor	1
30	Annx Ground Floor Service Lift area	Dome	Indoor	1
31	Annx Mezzanine Floor Service Lift area	Dome	Indoor	1
32	Annx I Floor Service Lift area	Dome	Indoor	1
33	Annx II Floor Service Lift area	Dome	Indoor	1
34	Annx Party Lawn Area	Dome	Outdoor	2
35	Annx Lounge Terrace Area	Dome	Outdoor	1
36	Annx Both side service area	Bullet	Outdoor	4
		<b>Total</b>		<b>50</b>

**Minimum Technical Specification**

CCTV IP Camera equipment and accessories require for the Surveillance of different locations of India International Centre. The CCTV shall run 24x7 and Cameras are to be placed such a way that it should cover the approach areas at the entry and exit points up to a clear site distance. CCTV footage are to be preserved for a minimum period of 30days.

**INDOOR DOME CAMERA**

2MP, 1080P, 3.2-10mm vari-focal lens, 30mtr IR Indoor Dome Camera, Built-in essential video analytics, Full configurable Multi-stream, Tamper and motion detection, MicroSD card slot upto 2TB for edge recording, cloud-based service, True day-night switching, DWDR, H.264/ H.265/ M-JPEG video compression white balance, BLC, Intelligent Defog, iDNR, Privacy masking, 12VDC/PoE, UL Certified

**OUTDOOR DOME CAMERA**

2MP, 1080P, 3.2-10mm auto vari-focal lens, 30mtr IR Outdoor Dome Camera, Built-in essential video analytics, multi Stream, built-in microphone, two way audio and audio alarm, Tamper and motion detection, MicroSD card slot up to 2TB for edge recording, cloud-based service, True day-night switching, 120dBWDR, H.264/ H.265/ MJPEG video compression white balance, BLC, Intelligent Defog, iDNR, Privacy masking, 12VDC/PoE, UL Certified

**PTZ Camera**

1080P, 2MP, 1080P, 30x optical zoom, 16x digital zoom, 4.5-135mm lens, 180 mtr IR Range PTZ Camera, Built-in Essential Video Analytics to trigger relevant alert, Memory card slot up to 2TB for Edge based recording, iDNR, Privacy masking, 94dB WDR, H.264/H.265/MJPEG video compression, quad-stream, dual power option, IP66, IK10, UL Certified with mounting/Power Supply/POE++ switch and complete accessories as required during installation.

**Network Video Recorder ( NVR)**

16 Channel Network Video Recorder with 256 Mbps incoming bandwidth, dual display port the displays allow full-screen, multi-screen and sequenced viewing, Resolution - 3840x2160, 1920x1080, 1280x1024, 1280x720, 1024x768, support Cameras resolution 8MP, 6MP, 5MP, 3MP, 1.3MP, 1080p, 720p, Bidirectional (audio input and output connected via device), 2 SATA HDD port each port supported upto 8TB HDD, HDMI, VGA, 8 Port built-in PoE Switch

## **SOFTWARE**

VMS Software for Live viewing/Manage of multiple cameras/NVRs - benefit from the state-of-the-art video decoding capabilities of VMS Professional, Playback and export from storage - connect to external storage devices with 200 Nos of camera Licence

## **WORKSTATION**

Workstation server with i7 8th gen Configuration, 8 GB Ram, with windows 10 and 2 GB Graphics Card.

## **HARDDISK**

Surveillance HDD, 4TB, Cache-64 , Bytes per sector 4096.

## **DISPLAY**

32" LED TV with smart features, Full HD, 1920 X 1080 screen, 2 USB ports, 2 HDMI Ports.

## **CABLE**

CAT- 6 Armoured type

Conditions of Contract

1. **Price Schedule:** The price quoted by the bidder should be complete in all respect and should be valid for the entire period of Supply, Installation, Testing and Commissioning of the equipment/system. No adjustment in the price shall be entertained on any account during the currency of the contract period.
2. **Taxes and Duties:** Quoted price should be inclusive of all the taxes and duties prevailing on the date of submission of the offer. Any increase or decrease in the present taxes and structure by the Custom duty/state/Central/Local authorities will be borne by the bidder. Any levy, taxes, duties, octroi applicable at the time of accepting this work order is revised, reviewed, renamed, modified in any manner whatsoever till the time of execution and completion of work order, the variance will be exclusively borne by the bidder.
3. **Deductions:** All statutory deductions would be made from the bill of the bidder as applicable at the time of payment.
4. **Warranty and Maintenance:** The equipment and the material supplied by the bidder should carry warranty of 12 months from the date of commissioning of the system. The Maintenance should consist of regular examinations and any necessary adjustments and lubrications by the authorized representatives of the firm. During the warranty period the required supplies and parts will be furnished by the bidder. All maintenance works during the warranty period will be required to be performed round the clock throughout the year as the Conference Block of the Centre where the lift is proposed to be installed is in operation throughout the year. The System would be under defect liability for a period of 12 months from the date of handing over of the complete works.
5. **Statutory permissions from various authorities (if any)** All statutory permission for starting/ executing, completing and handing over the works from various authorities will be obtained by the bidder. Fees or any other payment required to be paid, for concerned liaison for getting above work done and also included incidental charges for getting work certified and out of pocket expenses will be borne by the bidder.
6. **Operational Clearance:** if any to be obtained from the competent civic authorities by the vendor.
7. **Delivery / Completion Period:** You shall deliver the material of the ( CCTV) in the period of 2 weeks from the date of release of work order. The installation, testing and commissioning should be completed within 8 weeks thereof.

## 8 Terms of Payment

The Tax Invoice for supply of Goods & Services should be raised as per the provision of GST Act & Rules.

In case GST credit is delayed/denied to India International Centre, due to non/delayed receipt of goods and/or services/and/or tax invoice or expiry of timeline prescribed in GST Law for availing such ITC, or any other reason not attributable to the Centre, GST amount shall be recoverable from agency along with interest and penalty levied/leviable.

Payment or observations on bills would be processed within 30 days after receipt of the bills.

No advance payment.

50 % of material supplied at site on prorata basis.

50 % on installation & commissioning, testing of equipment.

## 9. Performance Security

Performance Security i.e 10 % of the contract amount shall be deposited in the form of Bank Guarantee/Demand draft within 15 days from the date of work order

This performance security will be released after completion of Defect liability period of one year.

## 10 Safety Precaution

Safe means of access shall be provided to all working platforms and other working places. Every ladder shall be securely fixed. Adequate precautions shall be taken to prevent danger from electrical equipment. No materials on any of the sites shall be so stacked or placed as to cause danger or insolvencies to any person or the public. The Contractor shall provide all necessary fencing and lights to protect public from accidents and shall be bound to bear expenses of defense of every suit, action or other proceedings at law that may be brought by any person for injury sustained owing to neglect of the above precautions and to pay any damage and costs which may be awarded in any such suit, action or proceedings to any such person or which may with the consent of the Contractor be paid to compromise any claim by any such person.

All necessary personal safety equipment such as Helmets protective footwear goggles/eye shields, life jackets, Gas masks, safety belts etc. as considered adequate by the Engineer-in-Charge shall be available for use of persons employed on the Site and maintained in conditions suitable for immediate use and the Contractor shall take adequate steps to ensure proper use of equipment by those concerned. The Contractor shall not employ men below the age of 18 in any form.



## 11 Insurance

The equipment & material involved in the execution of this context will be covered against risks during transit, storage & erection at site by a Marine-cum-erection policy period for the period of 10 weeks (Supply, Installation, Testing & Commissioning).

## 12 Existing CCTV Cameras

Presently 132 different type of CCTV cameras are installed in the premises along with 13 DVR & 4 Monitors in different blocks.

During the installation of new/ additional camera by the contractor, he must be careful that no vision/ angle of the camera disturb / change without prior permission from the Engineer in charge.

The integration of the new & old cameras are carried out in a most professional manner. No open / loose wiring will be accepted at site.

General Conditions of the Contract

**TESTING AND COMMISSIONING**

a) **GENERAL**

Testing shall mean providing that all of the systems efficiently meet the performance specified while in operation. The systems shall be tested in the presence of the HEAD MAINTENANCE DEPARTMENT who requires at least two full working days prior notice to enable him to attend.

The Contractor shall arrange for representatives of any of his own sub-Contractor to be in attendance.

It shall be the responsibility of the Contractor to supply all necessary testing equipments. Provision of all testing equipment and the appropriately skilled labour shall have been included in the Tender Price.

Should anyone of the tests reveal a fault, the Consulting HEAD MAINTENANCE DEPARTMENT will order that the fault be corrected and re-tested prior to acceptance. All fees connected with testing of equipment payable by Contractor to any of the relevant Government Authority shall be borne by the Contractor.

b) **COMMISSIONING TEST**

The complete installation or any part thereof shall be tested, both before and after being commissioned to check the performance in operation. All fees connected with testing of equipment payable by the Contractor to any of the relevant Government Authority or expert from the Supplier shall have been included in the Tender Sum.

The contractor shall be represented by a competent person approved by the HEAD MAINTENANCE DEPARTMENT during the whole of the period required for the tests.

All materials and equipment supplied or erected under this Contract which fail the tests shall be replaced or rectified at once by the Contractor without cost to the EMPLOYER.

The Contractor shall supply all necessary instruments, apparatus, connections, skilled and unskilled labour required for the tests to be conducted in the presence of the HEAD MAINTENANCE DEPARTMENT.

## **OPERATING MANUALS**

The Contractor shall prepare three (3) copies of an operating manual, in a stiff-covered ring binder two (2) for the EMPLOYER -HEAD MAINTENANCE DEPARTMENT, describing the operation and maintenance of the whole system and including: -

- a) Operating instruction for all equipment
- b) Catalogues for all equipment.
- c) List of spares recommended;
- d) Schedule of Recommended Maintenance.

Practical completion will be certified after the receipt of the above operating manual by the HEAD MAINTENANCE DEPARTMENT.

## **TRAINING**

Upon commissioning and final handover of the installation, the Contractor shall submit 3 copies of operating instructions, maintenance and service manuals, part lists and all final drawings and diagrams, indexed and bound together in hard cover ring binder.

The Contractor shall conduct a training programme for designated EMPLOYER's personnel. These courses shall be carried out during normal office hours. The date of commencement of training shall be mutually agreed upon and in any case shall be within two weeks of handover of installation.

The training programme shall cover all operating and maintenance aspects of the system, inclusive of detailed explanation and demonstration of each and every piece of equipment and an overview of the system network.

The training programme shall consist of both handouts and classroom training at the job site or at location agreed upon by the EMPLOYER.

All instruction manuals, tools, transportation, etc. association with the training programme shall be provided by the Contractor. Such cost shall be deemed to have been included in the CONTRACTOR programme.

## **GUARANTEE**

The Contractor shall guarantee that all equipment shall be free from any defect due to the defective materials and bad workmanship and that the equipment shall operate satisfactorily and the performance and efficiencies of the equipment shall be not less than the guarantee values.

The guarantee shall be valid for a period of 12 months after taking over and any parts found defective shall be replaced free of all costs by Contractor. The services of successful Contractor's personnel if requisitioned by the EMPLOYER during this defects liability period for such work shall be made available free of any cost.

The Contractor shall without any extra cost carry out for a period of 12 (twelve) months after the installation is taken over, all routine and special maintenance of the equipment and attend to the defects that may arise in the operations of the equipment.

Maintenance will consist of monthly maintenance and necessary adjustment and lubrication of the equipment by the Contractor's employee under competent direction and supervision. In addition to the monthly maintenance, special examination between regular intervals and emergency minor adjustment, call back services should be provided during the guarantee period.

One month before the end of the defects liability period, the Contractor shall notify the EMPLOYER of the required inspections for all equipment and facilities including specific energy consumption.

### **MAINTENANCE IN WARRANTY PERIOD**

The CONTRACTOR shall furnish warranty for the entire system for a defect liability period (DLP) of twelve (12) months after the final official hand over date of the installation duly approved by the consultants and project managers. This period shall include maintenance replacement of parts, regular periodic visit by qualified personnel of the CONTRACTOR and attending to emergency call at short notice.

The CONTRACTOR shall furnish the list of recommended spares along with quantity and unit price schedule to the EMPLOYER along with the bid. The

EMPLOYER reserves the right the required spares during the tenure or on completion of annual maintenance contract at the quoted price which should be valid for the entire maintenance period i.e five (5) years after DLP.

**FINANCIAL OFFER**

The bidder is requested to quote their rates keeping in view, the scope of work (Annex-1), Minimum Technical Specification ( Annex-2) Conditions of contract (Annex-3) General Condition of the Contact (Annex-4),.

**Part A**

<u>S.No.</u>	<u>Description</u>	<u>Unit</u>	<u>Qty</u>	<u>Rate</u>	<u>Amount</u>
A.	Design ,Supply, Installation, Testing & Commissioning of CCTV system at Main Centre and Annexe Building as per the scope of work (Annexure-1),),Minimum Technical Specification ( Annexure-2 )Conditions of contract (Annexure-3). General Condition of the contract (Annex-4)	JOB	1		
B	All taxes Please specify				
C	Net Total				





