Notice Inviting Tender

For Supply and Installation of CCTV system and AMC for three years

HIGH COMMISSION OF INDIA, MALE (MALDIVES)



REFERENCE NO. MAL/DA/551/CCTV/2022 BID SUBMISSION LAST DATE:28.04.2022

> HIGH COMMISSION OF INDIA MALE', MALDIVES

TENDER DOCUMENT

Table- A: Time and Work Frame

Supply and Installation of CCTV system and AMC for three year

To High Commission of India, Male (Maldives)

CRITICAL DATE SHEET

| 1 | Date of Issue of Tender | April 7, 2022 |
|---|--|---|
| 2 | Bid Document Download / Sale Start date | April 7, 2022 |
| 3 | Date of Pre Bid Conference- For clarifying issues and doubts, if any, about specification of items and services projected in Bid document | |
| 4 | Bid submission End Date | 1700 hrs. April 28, 2022 |
| 5 | Date of opening of Technical bid | 1000 hrs. May 2, 2022 |
| 6 | Date of informing qualified bidders for opening of financial bids | |
| 7 | Date of opening of financial bids | 10.00 hrs. May 11, 2022 Bidders may depute their representatives to be present at the time of opening of bids |
| 8 | Declaration of awarding of work to successful bidders | May 16, 2022 |
| 9 | Validity of Bid | 180 days |

Government of India Ministry of External Affairs High Commission of India Male', Maldives Dated: 06.04.2022

Scope of Work

Supply and Installation of CCTV system and AMC for three years to High Commission of India, Hulhumale, Maldives on CIF basis:

Details:

| Sr. | Items | Qty | Description/technical Specification |
|-----|---|------------|--|
| 1. | 2 Megapixel H.265 Vandal Proof Network Dome IR Camera | 30 | |
| 2. | 2 Megapixel High Speed full HD PTZ Dome (36x) Camera | 01 | |
| 3, | 2 Megapixel Network Bullet IR Cameras (Motorised) | 05 | As per ANNEXURE A |
| 4. | NVR 64 Channel with 9 SATA supported | 1 | |
| 5. | PoE Switch 24 port Giga | 2 | |
| 6. | 43" TV | 04 | LED, Compatible with the CCTV system having sufficient HDMI, USB and other ports |
| 7. | UPS | 01 | As per load requirement |
| 8. | 30 Days Recording @ 1520P | | As per requirement |
| 9. | Cat 6 Cable | | 4 Rolls (Approx) or as per requirement |
| 10 | Network Video decoder | 2 units | 35 Channels, Resolution 1080P |
| 11. | All other software/hardware/ equipment/accessories required for installation of above CCTV system and installation | | |
| 12 | AMC (effective from the date of commissioning of CCTV system) | for 3 year | |

Note: The site of installation of above CCTV system is a Ground + 7 floors +Terrace. As coverage of CCTV will be all over the building, bidders may accordingly submit their bids. Cabling should be done using on conduit. Warranty period of the equipment should be specifically mentioned in the bid. The warranty period of the equipment shall commence from the date of commissioning of the CCTV System. Free replacement should be provided in case of any defect/fault/failures related to the system commissioned within the warranty period. Total days for supply, installation and commissioning of the work once awarded will be required to be completed within 60 days.

Government of India Ministry of External Affairs High Commission of India Male', Maldives

06.04.2022

TENDER NOTICE

Dear Sir

- Sealed tenders from reputed, well experienced and financially sound Indian and Maldivian vendors/suppliers/firms registered with the Indian/Maldivian Govt. departments are invited by High Commission of India, Maldives on behalf of the President of India, under <u>Two Bid</u> <u>System</u> i.e; Technical Bid and Financial Bid for supply of <u>Supply and Installation of CCTV system and</u> <u>AMC for three years on CIF basis.</u>
- The Time Period for execution of work is within 60 days from the date of issue of Work order.
- Document Download: Tender documents may be downloaded from the website of Indian High Commission (https://bci.gov.m/male/?(208°rd0); and website of Central Public Procurement Portal (https://eprocure.gov.in/epublish/app) as per the schedule given in CRITICAL DATE SHEET.
- Interested vendors/supplier may submit/deposit the tender documents complete in all respects and other requisite documents on or before 28.04.2022 (1700 hrs).
- 5. No tender shall be entertained after this deadline under any circumstances what so ever. The date of opening of Technical Bid is 02.05.2022.
- The High Commission will inform the qualified bidders for opening of financial bids on 04.05.2022.
- 7. At the second stage, financial bids of only those technically acceptable offers would be opened on 11.05.2022 (1000 hrs) after intimating them the date and time of opening the financial bid for further evaluation and ranking before awarding the work order to successful bidder. Bidders may depute their representatives to be present at the time of opening of financial bids.
- 8. The High Commission of India reserves the right to amend or withdraw any of the terms and conditions contained in the Tender Document or to reject any or all tenders without giving any notice or assigning any reason. The decision of the High Commission of India, Maldives in this regard shall be final and binding on all parties in all circumstances.

Head of Chancery High Commission of India

For and on behalf of the President of India

Dear Sir.

- 1. The system adopted for tendering will be Two Bid System (simultaneous receipt of separate technical and financial bids) with Technical Bid consisting of all technical details along with terms and conditions; and Financial Bid indicating item-wise pricing as per prescribed format for all the items mentioned in the technical bid. Technical Bid should contain all technical details of services and solutions to be provided along with documentary proofs. Financial bid should indicate item-wise pricing and other commercial/financial terms against the items mentioned in the Technical Bid on CIF basis.
- 2. The technical bid and the financial bid should be sealed by the bidder in separate covers duly super-scribed and both these sealed covers are to be put in a bigger cover which should also be sealed and duly super-scribed. The technical bids will be opened at the first instance and evaluated by a competent committee. At the second stage financial bids of only those technically acceptable offers would be opened after intimating them the date and time of opening the financial bid for further evaluation and ranking before awarding the work to successful bidder.
- 3. <u>Bid Submission:</u> Interested Bidders are invited to submit their proposal after carefully reading the NIT by providing (a)Technical Bid, and (b) Financial Bid, separately, clearl mentioning (i) Technical Bid, and (ii) Financial Bid respectively. Such proposals are to be submitted in High Commission of India, Male within the stipulated date and time as mentioned in the Bid document as given in CRITICAL DATE SHEET.
- 4. <u>Earnest Money Deposit:</u> US\$ 1600. EMD Should be deposited in the form of DD/Banker's Cheque in the name of "High Commission of India" payable at Male', Maldives (Exemption from payment of EMD permitted as per Government of India regulations). EMD of unsuccessful bidder at technical bid evaluation stage will be returned to the bidder upon completion of tender process.
- 5. Performance Guarantee: Successful bidder will be required to submit performance bank guarantee of an amount equivalent to 5% of cost of the successful bid.
- Address for communication, areas given below:
 Contact Details: Contact Person: Head of Chancery

High Commission of India, AthireegeAage, Ameer Ahmed Magu, Henveiru Male' – 20125 (Maldives) Email: hoc.male@mea.gov.in Phone No.: +960 3013828

- Tender Fee- NIL
- 8. PERIOD FOR VALIDITY OF TENDER DOCUMENTS: 180 days

- 9. Technical Bid
 - a. All documents should be duly signed.
 - b. Each page of Technical and Financial documents along with the supporting documents must be signed and stamped.
 - e. Bidding Agency will not transfer, assign, pledge or sub-contract the work awarded/ to be awarded.
 - d. The Bidding Agency will be bound by the details furnished by him/her in the bid . In case, any document furnished by him/her is found false at any stage, it would be deemed to be breach of terms & condition of work order making him/her liable for legal action besides termination of work order.
 - e. In case of tie in the rates, the work will be awarded to the Bidding Agency who have higher work experience and higher value of the work of similar nature executed in the past,
 - f. The Bidding Agency shall maintain all statutory records required under the applicable law of Republic of Maldives/Government of India. The agency shall produce the same, on demand, to the concerned authority of this Department or any other authority under law. A compliance certificate in this regard will be needed along with the bills.
 - g. The bidding agency will be responsible for compliance of all statutory provisions relating to Service tax, GST as per the Republic of Maldives/Government of India.
 - h. Conditional bids will not be considered and will be rejected in the first instance.
 - The bidders shall be responsible for faithful compliance of the terms and conditions as mentioned in the tender document.
 - j. In case of any dispute on bid documents, the decision of competent authority in the Mission will be final and binding.
 - NOTE: Documentary evidence is required to establish the eligibility requirement for the conditions mentioned in Technical Bid.

10. RIGHT TO ACCEPT OR REJECT TENDER

- i) The right of acceptance of bid will rest with the High Commission of India, Male', Maldives.
- ii) The High Commission of India, Maldives reserve the right to accept the whole or any part of the bid and bidder shall be bound to perform the same at the rates quoted. All the bids in which any of the prescribed conditions are not fulfilled or are incomplete in any respect shall be liable to be rejected.

11. Non Disclosure Undertaking:

The bidding agency shall furnish a Non Disclosure Undertaking that the information shared by the High Commission during any stage of tendering and completion of work will not be shared with any party in future.

12. Non Disclosure Agreement:

The successful bidder will be required to sign a 'Non Disclosure Agreement' placed at ANNEXURE C at the time awarding of work.

13. BIDDER TO GET INFORMED HIMSELF FULLY:

The authorized signatory of tender document will be deemed to have carefully read and understood the tender documents along with the terms \mathcal{B} conditions and thereafter has filed the tender document for bid process.

14. LEGAL/Disputes & Differences:

Decision of The High Commission of India, Maldives shall be final and binding on all the bidders. However, any dispute can be referred to an Arbitrator, and will be settled according to the Government of India's Rules and Regulations and not according to Local Laws of the Maldives.

Head of Chancery High Commission of India For and on behalf of the President of India

Technical Bid Must Include following documents duly filled in with supporting documents:

A. APPLICATION FOR BID

| 1 | Name of Bidding Company/Firm/Agency | |
|---|--|--|
| | g y y y y y y y y y y y | |
| 2 | Name of Proprietor/Director of | |
| | Company/Firm/Agency) | |
| | | |
| 3 | Full Address of Regd. Office: | |
| | Telephone/Mobile No. | |
| | Fax No. | |
| | | |
| | E-mail Address | |
| 4 | Full Address of local Branch office | |
| | Telephone/Mobile No. | |
| | | |
| | Fax No. | |
| | E mail Address | |
| 5 | Banker of Company/Firm/Agency (full | |
| | Address) | |
| | | |
| | (a) Telephone Number of Banker | |
| 6 | GST Registration Number/TIN number, if | |
| | any | |
| | (Attach attested copy) | |
| | | |
| | | |

B. TECHNICAL ELIGIBILITY REQUIREMENT FOR THE BIDDERS

| Name of Bidding Firm | |
|----------------------|--|
|----------------------|--|

| SL No. | REQUIREMENT | COPY OF RELEVANT DOCUMENT | ENCLOSED YES/NO | PAGE NO. OF BID DOCUMENT |
|-----------|---|--|--------------------|-----------------------------|
| 1. | Bidding Agency should be registered with the appropriate registration authority. | Copy of Registration Certificate | | |
| 2. | Bidding Agency should be registered with Service Tax/sales tax/GST Authorities | Copy of Service Tax/sales tax/GST Certificate | | |
| 3. | Valid Certificate of Importer-Exporter Code (IEC) issued by competent authority | Copy of Certificate of Importer- Exporter Code (IEC) | | |
| 4. | PAN Card (Not Applicable for Maldivian) | Copy of PAN card | | |
| 5. | Bidding Agency should have completed the work as per criteria given during last 03 years and out of which the value of work should be. a) Three similar completed works costing not less than the amount equal to 40% of the estimated amount. or b) Two similar completed work costing not less than the amount equal to 50% of the estimated cost. or c) One similar completed work costing not less than the amount equal to 80% of the estimated cost. | Copy of work order and completion certificate | | |
| 6. | IT returns/Annual Turnover for the last Three FY. | Certificate from Statutory Auditor | | |
| 7. | Declaration regarding black listing as per format attached | Declaration in enclosed format | | |

| D; | a | t | | | |
|----|---|---|---|---|--|
| Pl | a | c | ŧ | , | |

(Signature of the Bidder, with official Seal)

C.

Place:

DECLARATION

| 1. | I,Son/ Daughter of Mrsignatory of the agency/firm mentioned above, is competent to sign this declaration and execute this tender document: |
|----|--|
| 2. | I have carefully read and understood all the terms and conditions of the tender and undertake to abide by them: |
| 3. | My agency has not been blacklisted/ debarred from participating in tender of any Ministry/ Department of Government of India/Maldives and Government of India/Maldives undertaking in the last Three (3) Years as on date of opening of this Tender. |
| 4. | The information/documents furnished along with the above application are true and authentic to the best of my knowledge and belief. |
| 5. | I/we are well aware of the fact that furnishing of any false information/ fabricated document would lead to rejection of my tender at any stage besides liabilities towards prosecution under appropriate law. |
| | Signature of authorized person(s) |
| | Date: Full Name: |

Seal:

Financial Bid Form

Financial details including all taxes, supply, installation and commissioning and other related expenditure, if any to be furnished by the bidders for the work of <u>Supply and Installation of CCTV</u> system and AMC for three years to High commission of India, Male' Maldives:

| Sr. | Items | Qty | Rate (all inclusive) in US\$ /INR |
|-----|---|------------|--------------------------------------|
| 1. | 2 Megapixel H.265 Vandal Proof Network Dome IR Camera | 30 | |
| 2. | 2 Megapixel High Speed full HD PTZ Dome (36x) Camera | 01 | |
| 3. | 2 Megapixel Network Bullet IR Cameras (Motorised) | 05 | |
| 4. | NVR 64 Channel with 9 SATA supported | 1 | |
| 5. | PoE Switch 24 port Giga | 2 | |
| 6. | 43" TV | 04 | |
| 7. | UPS | 01 | |
| 8. | Equipment for 30 Days Recording @ 1520P | | |
| 9. | Cat 6 Cable | | |
| 10. | Network Video decoder (35 Channels, Resolution 1080P) | 2 units | |
| 11. | All other software/hardware/ equipment/accessories required for installation of above CCTV system and installation | 1 | |
| 12. | Other expense, if any | | |
| 13. | AMC (effective from the date of commissioning of CCTV system) | for 3 year | |

CONDITIONS

- The above mentioned items should be supplied to the complete satisfaction of the officerin-charge of work conforming to the Standard Specifications.
- It shall be the responsibilities of the vendor/supplier to ensure that no damage is caused during the transportation of above mentioned items. High Commission will not accept any damaged/faulty items and will not pay for the same until the vendor replace the damaged item.
- The supplier will be fully responsible till the above mentioned items reaches the given location/address.
- 4. In case the item is not as per specification, the same shall be replaced by the vendor/supplier. High Commission will not be responsible for any theft or loss at any stage before handing over of the consignment at the delivery address.
- The supply of above mentioned items should be commenced immediately from the date of issue of work order and must be completed within stipulated time (30 days) from the date of receipt of work order.

- No compromise will be accepted in respect of quality and specification of the above mentioned items.
- The vendor/supplier shall be liable for any issues arising in relation to any payment of taxes, custom duty etc.
- Vendor/supplier will be fully responsible for ensuring the warranty of each equipment as promulgated by original manufacturer.
- Vendors/supplier will be fully responsible for showing the correct operability of the equipment at the time of delivery of items.
- Twenty percent of the bid amount will be paid to the vendor/supplier after six month of delivery of items subject to correct operation of equipment.
- 11. The rates provided above must be on CIF basis including cost of items, cost of transportation, insurances, customs duties if any, taxes, loading and unloading, packing etc. and will be managed by vendor completely. No extra amount will be paid to the vendor over the rates quoted by the vendor/supplier/tenderer.
- Approving authority reserves the right to reject any or all the work order without assigning any reason.

Head of Chancery High Commission of India For and on behalf of the President of India

Annexuse A

SPECIFICATION FOR A SOLUTION OF AROUND 36 CCTV CAMERA WITH 30 DAYS RECORDING

| Sr. | Items | Qty |
|-----|--|----------------------------------|
| | 2 Megapixel H.265 Vandal Proof Network Dome IR Camera | 30 |
| 1. | 2 Megapixel High Speed full HD PTZ Dome (36x) Camera | 01 |
| 2. | 2 Megapixel Network Bullet IR Cameras (Motorised) | 05 |
| 3. | the state of the s | 04 |
| 4. | 43" TV | 01 |
| 5. | UPS As per required | 1 |
| 6. | NVR 64 Channel with 9 SATA supported | As per |
| 7. | 30 Days Recording @ 1520P | requirement |
| 8. | PoE Switch 24 port Giga | 2 |
| 9. | Cat 6 Cable | 4 Rolls (Approx) |
| 10 | Network Video decoder 2 Units 35 Channels, Resolution 1080P | |
| 11. | Cabling should be done using on conduit. | |
| 12 | All other software/hardware/equipment/accessories required for installation of above CCTV system and installation | |
| 13 | AMC (effective from the date of commissioning of CCTV system) | for 3 year after installation |

2 MEGAPIXEL H.265 VANDAL PROOF NETWORK DOME IR CAMERA (QTY-30)

KEY FEATURES:

- 0.008 Lux
- · H.265 High Efficiency Video Coding
- Integrated Motorized Varifocal Lens (Auto focus)
- Built in ICR Filter for Day/Night switching
- · Built in web server for IE/Firefox/Chrome
- · 3D-DNR, privacy masking and Motion
- · Built in efficient IR LEDs, IR distance up to 30m
- Weather proof IP-67 rated housing
- Built in 802.3af Compliant PoE
- Support ONVIF profile S

IP VIDEO SURVEILLANCE SOLUTION

| | DESCRIPTION | SPECIFICATIONS |
|---------|-------------------------|--|
| | Image Sensor | 1/3" Progressive Scan CMOS sensor of 2 MP resolution having true day/night capability. |
| | Min, Illumination | Color: 0.008Lux F1.2, B/W: 0Lux (IR on) |
| | WDR | Super WDR up to 120db |
| | Lens | 3.6mm@F.16 |
| CAMERA | Field of View | H 67.2° (3.6mm) |
| | Shutter Time | 1/100000s-1/5s |
| | IR Distance | Up to 30m or more |
| | Day & Night | ICR Filter Auto Switch |
| | Max Image Resolution | 2592 x 1520 |
| VIDEO | Frame Rate | 20fps (2592x1520) 25fps (2304x1296) 25fps (1920x1080) |
| | Video Compression | H.265(HEVC) / H.264/MJPEG |
| | Video Bit Rate | 160kbps 16Mbps (CBR/VBR Adjustable) |
| | Image Setting | Brightness/Contrast/Saturation/Sharpness |
| - | Ethernet | 1*RJ45 10M / 100M Ethernet Port |
| | Network Storage | NAS (Support NFS, SMB/CIFS) |
| NETWORK | | TCP/IP, UDP, RTP, RTSP, HTTP, HTTPS, DNS, DNS, DHCP, FTP, NTP, SMTP, SNMP, UPNP, SIP, IPv6, PPPoE & VLAN |
| AUDIO | Audio Streaming | Built in Microphone |

| | Audio Compression | G.711 and AAC |
|---------|-------------------------|---|
| SYSTEM | Advanced Function | Motion Detection, Privacy Masking, Backlight Compensation, 3D-DNR, ROI |
| | SIP/VoIP Support | Yes, Voice & Video over IP |
| | Event Trigger | Motion Detection, Network Disconnection, etc. |
| | Event Action | FTP Upload/SMTP Upload/SIP Phone |
| | System Compatibility | ONVIF profile S |
| | Power Supply | PoE |
| GENERAL | Weather Proof | Up to (IP67 Rating for Weather resistant) |
| | Certification | CE, FCC, Rohs |

NETWORK BULLET IR CAMERA (MOTORISED) (QTY-05)

KEY FEATURES:

- 2 MP Resolution
- 0.008 lux
- · Super WDR up to 140 db
- · H.265 High Efficiency Video Coding
- Integrated Motorised Varifocal Lens (Audio focus)
- · Built-in ICR Filter for Day/Night switching
- · Built-in web server for IE/Firefox/Chroms/sarari preview
- . 3D DNR, privacy Masking and Motion Detection
- · Built in efficient IR LEDs, IR distance up to 30m
- · Weather proof IP-67 rated housing
- Built in 802.3af Compliant PoE
- · Support ONVIF profile S

| Ser | Description | Specification | | |
|-----|----------------------|---|---|--|
| 1. | Image Sensor | 1/3" progressive scan CMOS | | |
| 2. | Minimum Illumination | Colour-0.008@1.2 B/W: 0lux / with IR on | | |
| 3. | WDR | super WDR up to 120db | | |
| 4. | Lens | Motorised 2.8-12MM | | |
| 5. | Field view | H78.4° 'H26.2° (2.8-12mm) | | |
| 6. | Shutter Time | 1/100000s-1/5s | | |
| 7. | IR distance | Up to 30M |] | |
| 8. | Day \$ Night | ICR filter Auto switch | | |
| 9. | Max resolution | 1920x1080 | CAMERA | |
| 10. | frame rate | 20fps (2592x1520) 25fps (2304x1296) 25fps (1920x1080) | | |
| 11. | Video Compression | H.265 (HEVC)/ H.264/ MJPEG | | |
| 12. | Video bit rate | 160kbps-16bps (CBR/VBR, Adjustable) | VIDEO | |
| 13. | Image setting | Brightness/contrast/sharpness | | |
| 14. | Network storage | NAS (Support NFS, SMB/CIFS) | | |
| 15. | Ethernet | 1*RJ45 10M/ 100M Ethernet port | | |
| 16. | Network protocol | TCP/IP, UDP, RTP, RTSP, RTCP, HTTP, DNS, DDNS, DHCP, FTP, NTP, PPPoE SMTP, UPNP, SIP, VLAN | NETWORK | |
| 17. | Audio streaming | N/A | AUDIO | |
| 18. | Audio compression | N/A | 100000000000000000000000000000000000000 | |
| 19. | SIP/VoIP support | Yes, voice& Video over IP | SYSTEM | |
| 20. | Advanced Function | Motion detection, Privacy Masking, Backlight Compensation, 3D-DNR, ROI | | |

| 21. | Event Action | FTP upload/SMTP Upload/SIP Phone | |
|-----|-------------------|---|---------|
| 22. | System capability | ONVIF profile S | |
| 23. | Power Supply | PoE | GENERAL |
| 24. | Power Consumption | 5.5w Max, 9.5W max (with IR on) | |
| 25. | Weather proof | Up to IP67 rating for weather resistant | |
| 26. | Certification | CE, FCC Rohs | |

HIGH SPEED FULL HD PTZ DOME (36X) CAMERA (QTY-01)

KEY FEATURES:

- 2 MP Resolution
- 36x Optical Zoom
- · 5-120 mm Focal Length
- 255 Preset Position
- 360 Continuous Rotation
- 8 Cruise Track
- 4 Pattern Track

| Ser | Description | Specification | T |
|--------------------|------------------------|---|--------|
| 1, | Signal model | PAL/NTSC | 1 |
| 2. | Image Sensor | 1/1.8" or better CMOS | 1 |
| 3. | Effective pixel | 2084(H)* 1536 (V) | 1 |
| 4. | Horizontal Resolution | 2 MP | 1 |
| 5. | Minimum Illumination | Colour-0.01 lux / B&W = 0.001 Lux | |
| 6. | S/N radio | >60db | |
| 7. | Backlight compensation | On/Off | - |
| 8. | White Balance | Auto | 1 |
| 9. | Electronic Shutter | PAL:1/25~1/100000s NTSC :1/30~1/100000s | CAMERA |
| 10. | Focus length | 5-120mm | |
| 11. | Optical focus | 36x | |
| 12. | Focus system | Auto/Manual | - |
| 13. | IR distance | 150M | |
| 14. | IR light control | Intelligent control technology | |
| 15. IR light angle | | Infrared zoom matching technology | |
| 16. | IR light power | Auto setting | |
| 17. | IR on | Day/Night/Auto/Timing | |
| 18. | IR life | 30000 hours | 1 |
| 19. | Horizontal range | 360° Continuous rotation | |
| 20. | Vertical range | (-90°~0°) | |
| 21. | Preset call speed | Max 200°/S | |
| 22. | Manual call speed | 0.01°-180°/S | |
| 23. | Presets | 255 | SYSTEM |
| 24. | Cruise track | 8 groups, each group for 16 presets | |
| 25. | Patrol track | 4 groups, each group record 3 mins | |
| 26. | Video compression | H 265 Main Profile encoding; MJPEG/JPEG Baseline encoding | |
| 27. | Audio compression | G.711, G.726 | |
| 28. | Primary stream | 2048*1536 25fps | - |

| 29. | Secondary stream | 720P, VGA 25 fps | |
|-----|--------------------|---|-----------------|
| 30. | Video bit rate | 32kbps-16Mbps continuously adjustable, support CBR/VBR | SYSTEM |
| 31. | Alarm Input/output | Yes 1/1 | |
| 32. | Network protocol | TCP/IP, UDP, RTP, RTSP, RTCP, HTTP, DNS, DDNS, DHCP, FTP, NTP, PPPoE SMTP, UPNP, | |
| 33. | ONVIF support | Support | |
| 34. | Cooling Structure | Dustproof structure outside the circle | |
| 35. | Protection level | IP66 | GENERAL |
| 36. | Power supply / PoE | DC12V(4A)/PoE Supported | 500050000505000 |
| 37. | Certification | CE, FCC, RoHS | |

64 CH NVR (9HDD) QTY - 01

KE Y FEATURES:

- P2P cloud service, including cloud connecting, cloud monitoring, cloud transmitting to access IPC and NVR at any time and any place.
- Support Onvif protocol, support High profile S, High profile G, compatible with different IP camera that are bas@ on Onvif, RTSP standard.
- Support for H.264+/H 265 encoding format streaming access and decoding output
- Support megapixel HD network video preview, storage and play back
- · Support search, playback and backup by event
- Support all channel image display on one screen at same time, support 4 channels' image display by mainstream and 4 channels playback.
- Support monitor PTZ on preview mode.
- AL enhance accuracy and efficiency
- Real time object detection/classification/search
- License Plate Recognition (LPR)

| Ser | Description | Specification | | | | |
|-----|----------------------------------|---|--|--|--|--|
| 1. | Operation System | Embedded LINUX system | | | | |
| 2. | Dual Stream | Channel can set main stream and sub stream | | | | |
| 3. | Video Std | H264+/H.264/H.265 | | | | |
| 4. | Monitoring Image Quality | MP/ 5MP/ 3MP/ 2MP/ 1MP/1.3MP | | | | |
| 5. | Image Motion Image | Each screen can set multiple detection areas and set 6-level sensitivity | | | | |
| 6. | Recording Playback Quality | Any 4ch 8MP playback/9ch 5MP playback/16ch 2MP playback simultaneously | | | | |
| 7. | Recording Mode | Support manual, auto, dynamic detection, alarm trigger reco mode. | | | | |
| 8. | Backup Way | Support U disk, USB mobile I-IDD, USB DVDRW, network storage and backup (Partly needs [PC Support). | | | | |
| 9. | Operation Way | Mouse, Keyboard | | | | |
| 10. | Local Login | User name & Password | | | | |
| 11. | Recording Storage | Local HDD, network | | | | |

| 12. | Video Input (mode) | (1) 64x3840*2160) +sub [960*576]+4Ref.+4PlayH.264+8M/ch36ch 4k IP Camera. (2) 64x(2592*1944)+sub[960*576]+4Ref.+9PlayH.264+8M/ch 36ch 5MP IP Camera. (3) 64x(1920*1080)+sub[960*576]+4Ref.+16PlayH.264+4M/ch 36ch 2MP IP Camera. |
|-----|-------------------------|---|
| 13. | Audio Input | 64ch network audio input |
| 14. | Video Output | 1ch VGA +1ch HDMI x 2 Port |
| 15. | Audio Port | 1ch RCA output |
| 16. | Network Port | 1 RJ 45, 10M/100M/1000M/ self-adaptive LAN |
| 17. | RS485 Port | Full duplex standard 485 port |
| 18. | USB Port | 1 USB 3.0 port, 2 USB 2.0 ports |
| 19. | Alarm Input / Output | 4ch/ 4ch |
| 20. | HDD Port | 4cSATA+1xE-SATAHDD Port |
| 21. | Max capacity | Each Port Support MAX 4 TB HDD |
| 22. | Mobile surveillance | Supported |
| 23. | Certification | CE, FCC, RoHS |

| Ser | DESCRIPTION | SPECIFICATION |
|-----|-------------------------|---|
| 1. | PoE Port | 24*10/100/1000 port support IEEE802.3af/at |
| 2. | SFP Port | Yes |
| 3. | PoE Port output power | 15.4W/30W IEEE802.3af/at |
| 4. | PoE Power supply pin | Both ½+,3/6- and 4/5+, 7/8- |
| 5. | Transmission distance | 100~150m |
| 6. | Protocol std | IEEE802.3,af/ IEEE802.3at |
| 7. | PoE type | End-span |
| 8. | Network std | IEEE802.3, IEEE802.3u, 802.3x, 802.3af/at |
| 9. | Network medium | 10/100/1000Mpbs 5 class and above non shielded twisted pair. |
| 10. | Network signal Distance | <150m |
| 11. | Switch capability | 8.8Gbps |
| 12. | Forwarding Mode | Store and forward |
| 13. | Forwarding rate | 10BASE-T:14880pps/port, 100 BASE-tx: 14800ppx/port 1000 BASE-T:1488095pps/port |
| 14. | MAC Address | MAC address table 8K |
| 15. | Port function | Power Priority Mechanism, fast and forward, MAC automatic learning and aging IEEE.3 802.3X full duplex and mode and backpressure for half duplex mode. |
| 16. | Indicator | each port occupied 1 LINK/ACT.100Mbps POE status Indicator, Whole power indicator |
| 17. | Working Temperature | -10°-55°C |
| 18. | Input Power | AC100-240V 50/60HZ |
| 19. | Whole Power | <400W |

ANNEXURE B

ANNUAL MAINTENANCE CONTRACT (AMC) FOR CCTV SYSTEM

| This | Agre | ement | is | entered | into | this | | (Date) | day |
|--------|--------|---------|----------|--------------|----------|-----------|--------|------------|------|
| of | | _(Mont | h) | ,(Year)_ | | _between | - | | High |
| Commis | ssion | of | India | (herein: | after | called | as | "Mission") | and |
| | | | | (Nam | e of the | company | with a | address) | |
| Compar | ny wit | h Addre | ss) (her | einafter cal | led as " | Service P | rovid | er"). | |

WHEREAS the Service Provider is bound provide Maintenance service pursuant to the terms and conditions of this agreement for the purpose maintenance of the complete CCTV system and related hardware and software after commissioning of CCTV system in High Commission of India, Galleon Residence, Hulhumale (hereinafter called as "Premises");

NOW THEREFORE, in consideration for the mutual undertakings of the **Mission** and the **Service Provider** under this Agreement, the Parties agree as follows:

General terms and conditions:

Period of contract

The AMC is to be valid for three years from the date of commissioning of the CCTV system at the premises.

On call Contact

Service provider agrees that a dedicated on-call technician shall be provided based on any assistance sought by the Mission during the currency of the AMC.

3. Periodic Maintenance

The Service Provider agrees to get the whole CCTV system checked once in every two months.

4. Maintenance of parts

The Service Provider agrees that all the items which are part of CCTV system including software and hardware are covered under comprehensive AMC for 3 years.

Training

The Service Provider agrees that it shall conduct a basic operational training session for the designated officer/s of the Mission in respect of CCTV System.

Working Hours

The Service Provider understands and agrees that the Maintenance work shall be done during working hours. However, in case of emergency maintenance may have to be done beyond office hours and on holidays.

Log Book

The Service Provider agrees that a separate register shall be maintained in the Mission to record the visit details and shall be countersigned by the technician visiting the Mission.

8. Term and Termination.

The term of this Agreement shall commence on the Effective Date i.e. the date of signing the Agreement for the AMC and continue for such a period until and unless the Mission terminates the Agreement or the Premises is relocated or vacated or abandoned, whichever is earlier.

ACCEPTED AND AGREED

| High Commission of India, Male | [Name of the Company] [Address] |
|---|--|
| Attention: [Insert Name] Title: [Insert Designation] E-mail:[Insert E-mail] Telephone: [Insert Number] Fax: [Insert Number] | Attention:[Insert Name] Title: [Insert Designation] E-mail:[Insert E-mail] Telephone: [Insert Number] Fax: [Insert Number] |

Non-Disclosure Agreement

WHEREAS the Discloser possesses certain information relating to the security set-up, security architecture, lay-out, security processes and procedures, designs, drawings, software and hardware configuration, computer programs, algorithms, services, customers etc that is confidential and proprietary in nature (hereinafter called as "Confidential Information"); and

NOW THEREFORE, in consideration for the mutual undertakings of the Discloser and the Recipient under this Agreement, the Parties agree as follows:

Disclosure: Recipient agrees not to disclose and the Discloser agrees
to let the Recipient have the access to the Confidential Information as
identified and reduced in writing or provided verbally or in any other
way not reduced in writing at the time of such disclosure of the
information.

2. Confidentiality:

- 2.1 No Use: Recipient agrees not to use the Confidential Information in any way or under any circumstances share the same, in writing or through any other means, with any Third Party.
- 2.2 <u>No Unauthorized Disclosure:</u> Recipient agrees to use its best efforts to prevent and protect the Confidential Information, or any part thereof, from disclosure to any person(s) or entity(ies), even if authorized or directed under any law, without the express permission of the Discloser. Discloser, notwithstanding, shall have the right to deny such disclosure of the Confidential Information being detrimental to the security interests of the Discloser and/or its

premises and employees.

- 2.3 <u>Protection of Secrecy:</u> Recipient agrees to take all steps necessary to protect the secrecy of the Confidential Information, and to prevent the Confidential Information from falling into the public domain or into the possession of unauthorized person(s) and/or entity(ies).
- 2.4 Recipient agrees that the layout plan of the structural design of the Premises, whether in in physical or electronic form, shall always be in the custody of the Discloser. However, the Recipient shall have the access to the layout plan for the purpose of carrying out the contract for installation of CCTV System.
- Notices: All notices hereunder shall be given by letter, addressed as follows:

[Name of the Mission/Post] [Address]

Attention[Insert Name]
Title:[Insert Designation]
E-mail:[Insert E-mail]
Telephone:[Insert Number]
Fax:[Insert Number]

[Name of the Company] [Address]

Attention:[Insert Name]
Title: [Insert Designation]
E-mail:[Insert E-mail]
Telephone:[Insert Number]
Fax:[Insert Number]

- 4. Term and Termination. The term of this Agreement shall commence on the Effective Date i.e. the date of signing the Agreement for the Purpose and continue for such a period until and unless the Discloser terminates the Agreement or the Premises is relocated or vacated or abandoned, whichever is earlier.
- 5. Breach. The Recipient acknowledges that disclosure or use of Confidential Information in violation of this Agreement could cause irreparable harm to Discloser including loss of lives and limbs of the persons and damage to the property, for which monetary damages may be difficult to ascertain or turn to be meaningless. The Recipient therefore agrees that Discloser will have the right, in addition to its other rights and remedies, to seek injunctive relief for violations of this Agreement.
- 6. In case the Discloser suspects any violation of this Agreement, upon reasonable notice, it shall be binding for the Recipient to allow the Discloser to carry out an Audit by itself or by an authorized representative. In such a situation, the Recipient shall cooperate with the Discloser. The onus to rebut the suspicion shall lie on the Recipient.

- 7. Any dispute or difference arising out of or in connection with this Non-Discloser Agreement shall be settled amicably by the Parties through mutual negotiations. Any unsettled dispute or difference shall be referred to Arbitration by a Sole Arbitrator. The Arbitration shall be conducted in accordance with the rules and procedure of UNCITRAL in force on the date of Agreement. Arbitration proceedings shall be held in India and will be conducted in English. The decision of Arbitral Tribunal shall be final and binding on all Parties. Cost of Arbitration shall be borne by Parties themselves unless and otherwise ordered by the Tribunal.
- This Agreement shall be governed by and construed in accordance with the laws in force in India.

Miscellaneous.

- a) Except in the event of an amalgamation or merger with or takeover by a third party of their business, neither Party may assign or transfer its rights or obligations in this Agreement without the prior written consent of the other.
- b) The Parties do not intend that any agency or partnership relationship be created by them by this Agreement.
- All additions or modifications to this Agreement must be made in writing and signed by an authorized representative of each Party.

ACCEPTED AND AGREED

[Name of the Mission/Post] [Address]

Attention:[Insert Name]
Title:[Insert Designation]
E-mail:[Insert E-mail]
Telephone:[Insert Number]
Fax:[Insert Number]

[Name of the Company] [Address]

Attention:[Insert Name]
Title: [Insert Designation]
E-mail:[Insert E-mail]
Telephone:[Insert Number]
Fax:[Insert Number]