

No. BZV/Admn/861/1/2021

Embassy of India

Brazzaville

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**TENDER NOTICE**

24<sup>th</sup> November, 2021

**Subject: Invitation of tender for supply & installation of CCTV system for the Chancery building.**

Sealed bids are invited from professional agencies for providing & installation of CCTV system along with monitoring system for the **Chancery building** situated at 05 Avenue Monseigneur Augouard & Bayardelles, Centre-Ville, Brazzaville.

2. Bidders are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their tenders as to the form and nature of the site, the means of access to the site and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their tender, without any additional charges.

3. Bidders shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charges consequent on any misunderstanding or otherwise shall be allowed.

4. Submission of a tender by a bidder implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions will be available to him as per the local conditions and other factors having a bearing on the scope of the work.

5. **The terms and conditions of the tender would be as follows:**

(a) **Scope of work:** The requirement & specification of the CCTV cameras and its accessories to be supplied by the bidder is attached to the tender notice at **Annexure 'A'**.

(b) **Tender Details:** Bidder should furnish with the tender, complete and full details of the job & equipment to be used as part of **Technical bid** as per **Annexure 'A' & 'B'**. The **Financial bid** is to be submitted as per **Annexure 'C'**. Bidder should also include the **Annual Maintenance Charges(AMC)** of the CCTV system in the Financial bid.

(c) **Tender Documents:** The Tender documents will be free of cost. The Embassy will not be responsible to compensate for any expenses or losses which may incurred by the bidder in the preparation and submitter of his Tender.

(d) **Two stage bidding:** This will be a two –stage bidding process. The bidders have to provide two separate sealed covers for **Technical & Financial bid**. These two sealed covers may be kept in one single envelope for submission. The financial bid will be opened of only those bidders whose technical bid are accepted.

(e) **Quoted (bid) Price:** Price quoted should be on an all-inclusive basis and shall include the cost of all services, equipment, assembly of items, personnel,

transportation, taxes etc. No extra cost beyond the quoted amount shall be payable on any account. Also, indicate the VAT amount (whether quoted price is inclusive or exclusive). Once agreed to by the firm, the contract amount shall not be increased during the period of the contract by the bidder.

- (f) **Commencement of the works:** Once the contract is awarded, the winning bidder will have to supply the item with immediate effect.
- (g) **Validity of the Bids:** Prices quoted in the bids of the tender should remain valid for acceptance for ninety (90) days from date of closing of tender, without any price escalation for whatever reason.
- (h) **Notice of Acceptance:** A Bid shall be treated as successful only after the competent authority in the Embassy of India has approved it in accordance with the terms of the Tender Notice. Embassy of India shall send the notice of acceptance to the successful lowest Bidder. Subsequent to the notice, a contract shall be signed between the Embassy of India and the successful lowest Bidder for supply of the agreed items.
- (i) **Payment/Bills:** Payment/Bills may be submitted after supply of photocopier and will be settled upon inspection of the items supplied after a period of 15 days. No advance payment will be made.
- (j) **Guarantee:** Successful bidder will provide the guarantee of the equipment installed on awarding of the contract.
- (k) **Right to revoke:** The Embassy of India reserves the right to revoke the contract at any time if the services/equipment rendered/provided are not found satisfactory.

6. The bids in sealed envelope(s) should be submitted to the tender issuing authority **Head of Chancery, Embassy of India, Brazzaville, 05 Avenue Monseigneur Augouard & Bayardelles, Centre-Ville, Brazzaville**, latest by **1500 pm on 17<sup>th</sup> December, 2021**. Tenders received after the deadline will not be considered. The **Technical bids** of the Tender will be opened on **22<sup>nd</sup> December 2021 at 1100hrs** and date of opening the **Financial bid** of the tender will be announced at that time.



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**MATRIX FOR TECHNICAL SPECIFICATIONS FOR A CCTV SYSTEM FOR CHANCERY BUILDING**  
**(TO BE FURNISHED BY THE COMPANY AND ATTACHED WITH TECHNICAL BID)**

<b>S.No.</b>	<b>Product description</b>	<b>Unit</b>	<b>Qty</b>	<b>Whether the Company would be able to provide the given specifications and quantity (Yes/No)</b>	<b>If not, the nearest specifications that the Company can provide</b>	<b>Remarks</b>
<b>(1)</b>	<b>(2)</b>	<b>(3)</b>	<b>(4)</b>	<b>(5)</b>	<b>(6)</b>	<b>(7)</b>
	CCTV System					
<b>1</b>	Supply, Installation, Testing & Commissioning of Fixed Dome Indoor, 1080p or better True Day/Night Network Switching IP, 2-4 MP, H.265 Dome Camera with external/internal IR with 1/3” or better progressive scan. The cameras shall have a minimum illumination of 0.01 Lux@50 IRE in color mode, 0.001 Lux @ 50 IRE in Black & White mode and 0 Lux with external IR along with weather protected features. <b>(Camera Should be – UL listed)</b>	Nos	10			
<b>2</b>	Supply, Installation, Testing & Commissioning of Fixed Bullet Camera with 1/3” progressive scan CMOS sensor, 0.008 Lux @ F1.2 illuminations with IR, super WDR up to 140 db, 1920x1080 image resolution, H.265(HEVC)/H.264/MPEG video compression along with weather protected features. <b>(Camera Should be – UL listed)</b>	Nos	4			
<b>3</b>	Supply, Installation, Testing & Commissioning of Motorized Bullet Camera with 1/3” progressive scan CMOS sensor, 2.8 to 12 MP motorized Lens, 0.008 Lux @F1.2 illuminations with IR, super WDR up to 140 db, 1920x1080 image resolution,	Nos	4			

	H.265(HEVC)/H.264/MPEG Video compression along with weather protected features. <b>(Camera Should be – UL listed)</b>					
<b>4</b>	Supply, Installation, Testing & Commissioning of High speed full PTZ Dome 1/1.8” or better CMOS sensor, 2-3 MP resolution, 36 optical zoom, 5-120mm Focal length, 255 Present Position, 360-degree continuous rotation, 8 group Cruise Track, 4 group pattern track, 0.01 Lux in Color/0.001 Lux in B&W mode for minimum illumination, H.265 main profile encoding, MJMEG/JPEG Baseline encoding. <b>(Camera Should be – UL listed)</b>	Nos	3			
<b>5</b>	Supply, Installation, Testing & Commissioning of High speed 16 CH NVR video output HDMI(1440x900 to 1920x1080), VGA(1440x900 to 1920x1080), CVBS(1440x900 to 1920x1080), Audio Input & Output supported, H.264 Video Compression, Audio Compression G711U, 2 SATA <b>along with embedded LINUX operating system</b>	Nos	2			
<b>6</b>	Supply, Installation, Testing & Commissioning of 42 inches LED Monitor with 350 NITS brightness	Nos	4			
<b>7</b>	Supply, Installation, Testing & Commissioning of 17/42U Rack for Switch Mounting with Fan and power strip, PoU, Hardware mounting kit.	Nos	1			
<b>8</b>	Supply, Installation, Testing & Commissioning of 6U Outdoor Industrial Rack for Switch Mounting with Fan and power strip, PoU, Hardware mounting kit.	Nos	1			
<b>9</b>	Supply, Installation, Testing & Commissioning of Work Station of latest Intel i7 8 <sup>th</sup> Generation or latest model, procession, Intel chipset Motherboard, 32 GB DDR4 RAM, 1TB SATA HOD at 7200 rpm along with <b>1TB STATA as standby</b> , 4K Graphic Card with 4 GB dedicated RAM with Quad Display ports/DVI/HDMI port. DVD writer, Giga LAN Card, Keyboard, Optical Mouse etc., complete as required for any complete Operating System	Nos	2			
<b>10</b>	Supply, Installation, Testing & Commissioning of Media Converter Standard IEEE802.33u, 10/100/1000 base-T, 1000	Nos	1			

	base-SX/LX IEEE802.3ah, IEEE802.3z/ab, Flow control IEEE8.2.3x port flow control and backpressure control, buffer space 128KB, Single mode fiber 8/125/ 8.3/125, 9/125mm and Wavelength of 850nm/1310nm/1550nm <b>along with infinite storage transmission.</b>					
<b>11</b>	Supply, Installation, Testing & Commissioning of 16 GE + 2 SEP port PoE Switch, PoE port output power 15.4w/30w/IEEE802.3af/at, protocol standard IEEE802.3af/IEEE802.3at, Forwarding Rate 100Mbps: 14880pps/1000 Mbps: 14800pps	Nos	1			
<b>12</b>	Supply, Installation, Testing & Commissioning of 24 port switch + 2 SEP port PoE Switch, PoE port output power 15.4w/30w/IEEE802.3af/at, protocol standard IEEE802.3af/IEEE802.3at, Forwarding Rate 100Mbps: 14880pps/1000 Mbps: 14800pps	Nos	1			
<b>13</b>	Supply, Installation, Testing & Commissioning of Single Mode one 1G SFP Module, Switch and SFP module should be from same OEM only.	Nos	4			
<b>14</b>	Supply, Installation, Testing & Commissioning of 12/24 Port Fiber Panels(LIU) fully loaded with Pigtails, Couplers, Splice Trays and other Mounting accessories.	Nos	1			
<b>15</b>	Supply, Installation, Testing & Commissioning of fully loaded 8/24 Port Patch Panel available in 1U 24 Port density. Jack should be covered for prevention from dust other contaminates. Flat type metal with perforated Rear Cable Manager to hold cables with Velcro or cable ties. RoHS compliant.	Nos				
<b>16</b>	Supply, Installation, Testing & Commissioning of LC-LC Single mode, 3 meter Fiber Patch cord in LSOH jacket, which reduces toxic/corrosive gases emitted during combustion.	Nos				
<b>17</b>	Supply, Installation, Testing & Commissioning of 3 meter Data patch cord in.	Nos				
<b>18</b>	Supply, Installation, Testing & Commissioning of 12 core multi-mode fiber cable. Optical Fibers in water blocked loose tube,	Meter				

	taped, corrugated Steel Tape Armored(STA) polyethylene (HDPE) outer sheathed embedded with two steel wires on the periphery. The cables are with UV stabilized PE jacket and protected from Rodent attacks.					
<b>19</b>	Supply, Installation, Testing & Commissioning of 6A Field Termination Plugde signed to support 10 GB Networks that can be easily terminated using parallel Jaw Pilers.	Meter				
<b>20</b>	Supply and Drawing 3x1.5 sq mm size of PVC insulated Copper Conductor, Single Core Cable in existing surface/recessed steel/PVC conduit as required.	Meter				
<b>21</b>	Supply and fixing of 25 size of medium class PVC conduit along with accessories in surface/Recess including cutting the wall and making good the same in case of recessed conduit as required.	Meter				
<b>22</b>	Supply & laying of standardized 40mm HDPE pipe(medium) inside the soft soil in depth of approx. 75 cm including bends, inspection box and all other material required to complete.	Meter				
<b>23</b>	Pole 5/9 meter Galvanized Pole	Nos				
<b>24</b>	Trenching	Meter				
<b>25</b>	Junction box	Nos				
<b>26</b>	Any other material/equipment/accessories and specification thereof					

- (a)
- (b)
- (c)
- (d)

### UNDERTAKING

It is hereby certified that M/s \_\_\_\_\_(name of Company) is capable of providing and undertakes to provide above 'Specifications & Quantity' at the time of supply, installation, testing and commissioning of the CCTV System.

**(Seal & Signature of the authorized Company Representative)**  
**Name & Address:**

**INFORMATION TO BE PROVIDED IN TECHNICAL BID**

- List of other clients the Company in the Republic of Congo.
- Past experience, service history, achievements of the company.
- Registration certificate of the company under relevant statutory regulations applicable in the Republic of Congo.
- Photo/brochure of the CCTV cameras & its accessories proposed by the bidder
- Approximate life-span of the equipment proposed by the bidder
- Guarantee offered by the bidder for the item
- Availability of the CCTV cameras & its accessories in the stock of the bidder
- In case of non-availability of items in stock. Time required to procure
- Any other information worth sharing about the Company or suggestions relating to supply & installation of CCTV Cameras.

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**FINANCIAL BID FOR A CCTV SYSTEM  
(TO BE FURNISHED BY THE COMPANY AND ATTACHED WITH FINANCIAL BID)**

S.No.	Product description	Unit	Qty	Rate per Unit	Total cost (4) x (5)
(1)	(2)	(3)	(4)	(5)	(6)
	CCTV System				
<b>1</b>	Supply, Installation, Testing & Commissioning of Fixed Dome Indoor, 1080p or better True Day/Night Network Switching IP, 2-4 MP, H.265 Dome Camera with external/internal IR with 1/3” or better progressive scan. The cameras shall have a minimum illumination of 0.01 Lux@50 IRE in color mode, 0.001 Lux @ 50 IRE in Black & White mode and 0 Lux with external IR along with weather protected features. <b>(Camera Should be – UL listed)</b>	Nos			
<b>2</b>	Supply, Installation, Testing & Commissioning of Fixed Bullet Camera with 1/3” progressive scan CMOS sensor, 0.008 Lux @ F1.2 illuminations with IR, super WDR up to 140 db, 1920x1080 image resolution, H.265(HEVC)/H.264/MPEG video compression along with weather protected features. <b>(Camera Should be – UL listed)</b>	Nos			
<b>3</b>	Supply, Installation, Testing & Commissioning of Motorized Bullet Camera with 1/3” progressive scan CMOS sensor, 2.8 to 12 MP motorized Lens, 0.008 Lux @F1.2 illuminations with IR, super WDR up to 140 db, 1920x1080 image resolution, H.265(HEVC)/H.264/MPEG Video compression along with weather protected features. <b>(Camera Should be – UL listed)</b>	Nos			
<b>4</b>	Supply, Installation, Testing & Commissioning of High speed full PTZ Dome 1/1.8” or better CMOS sensor, 2-3 MP resolution, 36 optical zoom, 5-120mm Focal length, 255 Present Position, 360-degree continuous rotation, 8 group Cruise Track, 4 group pattern track, 0.01 Lux in Color/0.001 Lux in B&W mode for minimum illumination, H.265 main profile encoding, MJMEG/JPEG Baseline encoding. <b>(Camera Should be – UL listed)</b>	Nos			
<b>5</b>	Supply, Installation, Testing & Commissioning of High speed 16 CH NVR video output HDMI(1440x900 to 1920x1080), VGA(1440x900 to 1920x1080), CVBS(1440x900 to 1920x1080), Audio Input & Output supported, H.264 Video Compression, Audio Compression G711U, 2 SATA <b>along with embedded LINUX operating system</b>	Nos			
<b>6</b>	Supply, Installation, Testing & Commissioning of 42 inches LED Monitor with 350 NITS brightness	Nos			



7	Supply, Installation, Testing & Commissioning of 17/42U Rack for Switch Mounting with Fan and power strip, PoU, Hardware mounting kit.	Nos			
8	Supply, Installation, Testing & Commissioning of 6U Outdoor Industrial Rack for Switch Mounting with Fan and power strip, PoU, Hardware mounting kit.	Nos			
9	Supply, Installation, Testing & Commissioning of Work Station of latest Intel i7 8 <sup>th</sup> Generation or latest model, proceession, Intel chipset Motherboard, 32 GB DDR4 RAM, 1TB SATA HOD at 7200 rpm along with <b>1TB STATA as standby</b> , 4K Graphic Card with 4 GB dedicated RAM with Quad Display ports/DVI/HDMI port. DVD writer, Giga LAN Card, Keyboard, Optical Mouse etc., complete as required for any complete Operating System	Nos			
10	Supply, Installation, Testing & Commissioning of Media Converter Standard IEEE802.33u, 10/100/1000 base-T, 1000 base-SX/LX IEEE802.3ah, IEEE802.3z/ab, Flow control IEEE8.2.3x port flow control and backpressure control, buffer space 128KB, Single mode fiber 8/125/ 8.3/125, 9/125mm and Wavelength of 850nm/1310nm/1550nm <b>along with infinite storage transmission.</b>	Nos			
11	Supply, Installation, Testing & Commissioning of 16 GE + 2 SEP port PoE Switch, PoE port output power 15.4w/30w/IEEE802.3af/at, protocol standard IEEE802.3af/IEEE802.3at, Forwarding Rate 100Mbps: 14880pps/1000 Mbps: 14800pps	Nos			
12	Supply, Installation, Testing & Commissioning of 24 port switch + 2 SEP port PoE Switch, PoE port output power 15.4w/30w/IEEE802.3af/at, protocol standard IEEE802.3af/IEEE802.3at, Forwarding Rate 100Mbps: 14880pps/1000 Mbps: 14800pps	Nos			
13	Supply, Installation, Testing & Commissioning of Single Mode one 1G SFP Module, Switch and SFP module should be from same OEM only.	Nos			
14	Supply, Installation, Testing & Commissioning of 12/24 Port Fiber Panels(LIU) fully loaded with Pigtails, Couplers, Splice Trays and other Mounting accessories.	Nos			
15	Supply, Installation, Testing & Commissioning of fully loaded 8/24 Port Patch Panel available in 1U 24 Port density. Jack should be covered for prevention from dust other contaminates. Flat type metal with perforated Rear Cable Manager to hold cables with Velcro or cable ties. RoHS compliant.	Nos			
16	Supply, Installation, Testing & Commissioning of LC-LC Single mode, 3 meter Fiber Patch cord in LSOH jacket, which reduces toxic/corrosive gases emitted during combustion.	Nos			
17	Supply, Installation, Testing & Commissioning of 3 meter Data patch cord in.	Nos			

<b>18</b>	Supply, Installation, Testing & Commissioning of 12 core multi-mode fiber cable. Optical Fibers in water blocked loose tube, taped, corrugated Steel Tape Armored(STA) polyethylene (HDPE) outer sheathed embedded with two steel wires on the periphery. The cables are with UV stabilized PE jacket and protected from Rodent attacks.	Meter			
<b>19</b>	Supply, Installation, Testing & Commissioning of 6A Field Termination Plug designed to support 10 GB Networks that can be easily terminated using parallel Jaw Pilers.	Meter			
<b>20</b>	Supply and Drawing 3x1.5 sq mm size of PVC insulated Copper Conductor, Single Core Cable in existing surface/recessed steel/PVC conduit as required.	Meter			
<b>21</b>	Supply and fixing of 25 size of medium class PVC conduit along with accessories in surface/Recess including cutting the wall and making good the same in case of recessed conduit as required.	Meter			
<b>22</b>	Supply & laying of standardized 40mm HDPE pipe(medium) inside the soft soil in depth of approx. 75 cm including bends, inspection box and all other material required to complete.	Meter			
<b>23</b>	Pole 5/9 meter Galvanized Pole	Nos			
<b>24</b>	Trenching	Meter			
<b>25</b>	Junction box	Nos			
<b>26</b>	Any other material/equipment/accessories and specification thereof				

(a)

(b)

(c)

(d)

**27** Any other Charges

**Total**

**28** Taxes

**29** Gross Total

**(Seal & Signature of the authorized Company Representative)  
Name & Address:**

