Simpang 69-18, Jalan E-Kerajaan, Gadong BE1110, Brunei Darussalam

Department/References : EGNC/PM/4.2/2016.019 (Tel) 2424955 (Fax) 2424940 (Email) procurement@egc.gov.bn

ltem	Description	Qty	Please specify (y/n) and the Proposed Item & S	Specification Unit Price (BND)	Total Cost <i>(BND)</i>	Department / References
A1.	ANALOGUE CCTV FIXED LENS MODEL: BOSCH VDC-445V03-10	26 units	Specify			Contact Person:
	Existing analogue CCTV cameras and BNC cabling must be incorporated in the final design solution. This process of media conversion shall not impair the cameras ability.					Dyg Samiah – 2424955
	Specifications: Chip Inch Size 1/3 Colour Type Colour Resolution TVL 540 Sensitivity lux 0.44 Focal length 2.6 ~ 6 Rotation Angle so 360 pan, 90 tilt S/ N (Signal/ Noise) Ratio dB >50 Synchronization Internal, Line-lock Signal Mode PAL Voltage: 12 V DC / 24 V AC Power Consumption: 4 W					
A1.1	 ANALOGUE CCTV PTZ MODEL: BOSCH VG4-300 Existing analogue CCTV cameras connected via BNC cabling. The BNC cabling shall be connected to the encoder for analogue to IP based conversion. All functionality of the camera shall be available during conversion of the system. Furthermore, there are some damage to the external casing which requires replacing within this scope of this document. Specifications: Imager 1/4 in. HAD CCD (752 x 582 PAL)/(768 x 494 NTSC) Lens 36x Zoom (3.4 –122.4 mm) 	6 units	specify			

Simpang 69-18, Jalan E-Kerajaan, Gadong BE1110, Brunei Darussalam

Department/References : EGNC/PM/4.2/2016.019 (Tel) 2424955 (Fax) 2424940 (Email) procurement@egc.gov.bn

ltem	Description	Qty	Please s	pecify (y/n) and the Proposed Item & Specification	Unit Price <i>(BND)</i>	Total Cost <i>(BND)</i>	Department / References
	 F1.6 to F4.5 Focus Automatic with manual override Iris Automatic with manual override Field of View 1.7° to 57.8° Video Output 1.0 Vp-p, 75 Ohm Gain Control Off/Auto (with adjustable limit) Synchronization Line-Lock (-120° to 120° vertical phase adjust) or internal crystal Aperture Correction Horizontal and vertical Digital Zoom 12x Horizontal Resolution 540 TVL (NTSC, PAL) typical 						
A2.	WDR VARI-FOCAL DOME NETWORK CAMERA CCTV cameras are located outside the main entrance, inside lobby and outside security guard counter.	3	specify				
A2.1	 IP PTZ (OUTSIDE) The cameras must have ability to focus minimum distance of 200m and must meet these minimum requirements in order to succeed. Specifications: IP66 standard, TVS 6,000V lightning protection, surge protection and voltage transient protection Resolution 1920 X 1080 O Lux minimum illumination Laser IR LED, 200m IR distance 360° endless pan range +40°-90° tilt range Shutter Time 50Hz: 1/1-1/30,000s H.264/MJPEG/MPEG4 ONVIF, PSIA, CGI, Smart detection: Face detection, Intrusion detection, Line crossing detection, Region entrance detection, Region exiting detection 	4	specify				

Simpang 69-18, Jalan E-Kerajaan, Gadong BE1110, Brunei Darussalam

Department/References : EGNC/PM/4.2/2016.019 (Tel) 2424955 (Fax) 2424940 (Email) procurement@egc.gov.bn

ltem	Description	Qty	Please s	pecify (y/n) and the Proposed Item & Specification	Unit Price <i>(BND)</i>	Total Cost <i>(BND)</i>	Department / References
	 patrols, up to 32 presets per patrol 4 patterns, with the recording time not less than 10 minutes per pattern Class 10 32GB SD card 						
A2.2	 16 CHANNEL VIDEO ENCODER MULTIPLE PTZ PROTOCOLS The encoder shall support H.264 / MPEG4 / MPEG2 / MJPEG encoding standards and Support encoding video at up to 4CIF resolution. Specifications: Video input 16-ch, BNC Audio output 1-ch, 3.5mm interface Recording resolution 4CIF / 2CIF / CIF / QCIF Audio bit rate 64 Kbps Dual-stream Support Stream type Video, Video & Audio 1 RJ-45 10 M / 100 M /1000 Mbps 	2 units	specify				
A2.3	 Data Storage: NAS, iSCSI, IPSAN NETWORK VIDEO RECORDER 64 CHANNEL Embedded system technology, storage technology, network technology and intelligent technology, it shall work alone as a recorder and cooperate with other device to form a comprehensive surveillance system. The system shall consist of 6TB per bay surveillance Hdd.s with raid 5 configuration. Main Features: ONVIF compliant 64 network cameras can be connected. 	1 unit	specify				

Simpang 69-18, Jalan E-Kerajaan, Gadong BE1110, Brunei Darussalam

Department/References : EGNC/PM/4.2/2016.019 (Tel) 2424955 (Fax) 2424940 (Email) procurement@egc.gov.bn

ltem	Description	Qty	Please s	pecify (y/n) and the Proposed Item & Specification	Unit Price <i>(BND)</i>	Total Cost <i>(BND)</i>	Department / References
	 Support live view, storage, and playback of the connected camera at up to 6 megapixels resolution. Simultaneous HDMI, VGA and CVBS outputs; and respective live view and playback via VGA and HDMI outputs. 16-ch synchronous playback at 720P resolution. 16 SATA hard disks and 2 eSATA disks can be connected, for both recording and backup. Hot-swappable RAIDO, RAID1, RAID5, RAID10 storage scheme 16 arrays can be configured. Support network detection, including network delay, packet loss, etc. Adopt pioneering dual-OS design to ensure the security of system running. VCA search for face detection, behavior analysis, people counting and heat map Video encryption/certificates embedded during export 						
A2.4	LED VIDEO WALL The video wall shall consist of the following: • Live view • Event viewing • Adjustable wall/table mount brackets *Vendor are required to quantify number and size of monitor	1 Lot	specify				
A2.5	NETWORK KEYBOARD AND JOYSTICK The Network Keyboard shall be fully functional and must be able to control both the converted analogue system as well as the additional IP based system.	1 unit	specify				

Simpang 69-18, Jalan E-Kerajaan, Gadong BE1110, Brunei Darussalam

Department/References : EGNC/PM/4.2/2016.019 (Tel) 2424955 (Fax) 2424940 (Email) procurement@egc.gov.bn

ltem	Description	Qty	Please sp	pecify (y/n) and the Proposed Item & Specification	Unit Price <i>(BND)</i>	Total Cost <i>(BND)</i>	Department / References
	 Specifications: Control mode: IP-based Audio Input/Output Line In: 1-ch, 3.5mm connector Audio Out: 1-ch, 3.5mm connector Communication interface: 1 RJ45 10M/100M/1000M adaptive Ethernet 1 RS-232 interface 1 RS-485 interface 1 USB2.0 interface LCD screen: 7" TFT LCD monitor with touch panel Joystick: 3-axis joystick 						
A2.6	 VIDEO MANAGEMENT SOFTWARE The software shall have the following specification to meet the minimum standards for a video surveillance system. The software must be able to manage the converted analogue signal as well as IP based without interference with complete functionality and performance. CMS Authentication service for clients & servers. Provide the centralized management for the users, roles, permissions, surveillance devices, alarm device. Provide the log management and statistics Provide for third-party integration. Embedded certificates in exported video video-tampering detection video exception alarm and video loss alarm NAS Failover Mirror Camera Failover to SD Card Watermark technology Alarm for video loss Analytics: Object counting, region enter/exit, object left behind, object removed, ANPR, 	1 Lot	specify				

Simpang 69-18, Jalan E-Kerajaan, Gadong BE1110, Brunei Darussalam

Department/References : EGNC/PM/4.2/2016.019 (Tel) 2424955 (Fax) 2424940 (Email) procurement@egc.gov.bn

ltem	Description	Qty	Please specify (y/n) and the Proposed Item & Specification	Unit Price <i>(BND)</i>	Total Cost <i>(BND)</i>	Department / References
	 Events & Alarm Detect camera events, transaction events, alarm input, access control, device exception and server exception: Camera events: intrusion, line crossing, motion, video tampering, video loss, etc. Transaction events: No Sale Operation, Refund Operation, etc. Devices I/O Alarm inputs Access control: Legal Card Authenticated, Card and Passcode Authenticated, etc. Device exception: Device Offline, HDD Full, HDD Read / Write Error, etc. Alarm center Display event alarm info including alarm time, alarm name, Display platform alarm info including time and description. View the live video or pictures from the related camera. Acknowledge the event alarm with text description Arming control for event alarm Clear the alarm manually Alarm triggered pop-up image 					
	 Playback Normal playback for continuous recordings Event playback for recordings triggered by events POS playback for recordings containing POS information 					

		E-GOVE	ERNMENT	NATIONAL CENTRE (EGNC)								
	Simpang 69-	-18, Jalaı	n E-Keraj	aan, Gadong BE1110, Brunei Darussalam								
	Department/References : EGNC/PI	M/4.2/20	016.019	(Tel) 2424955 (Fax) 2424940 (Email) procu	irement@egc.g	jov.bn						
AP	APPENDIX 1: QUOTATION FOR THE INSTALLATION, SUPPLY, CONFIGURATION, COMMISSIONING, TESTING, TRAINING AND MAINTENANCE OF CCTV SURVEILLANCE SYSTEM AT EGNC											
ltem	Description	Qty Please specify (y/n) and the Proposed Item & Specification Unit Price (BND) Total Cost (BND) Department / References										
A3.	NETWORK CAT 6/FIBRE OPTICS 6 CORE MM	1 Lot	specify									
	Category 6 Unshielded Twisted Pair (UTP) Cable-LSOH Cat.6, must be of a standard cable which provides Gigabit Ethernet to desktop over twisted copper pair cabling. Where copper is not viable, fibre optics must be used and justified as per installation requirements.											
	Category 6 cables must be manufactured and tested to the Category 6 performance standards defined by the EIA/TIA, ISO and EN standards bodies.											
	Cable must consist of 8 color coded 23AWG polyethylene insulated conductors. Must be twisted together to form 4 pairs. These pairs must be formed around a central 'X' shaped polyethylene filler.											
	For the connection of hub or switches, the cables shall not exceed 100m. To extend the length of cables another switch or hub shall be used for fiber optics.											
	PVC Conduit of medium grade with 20 mm diameter will be used for laying Cables / Power cables. Cabling must comply with FIRE rating of the cable sheath. In many locations any cable must be certified as "CM rated" can be put through walls, cable must be certified as "CMR rated" can be put up through risers, cable certified as "CMP rated" can be put through or air plenums without using conduit.											
A4.	CCTV POLE MOUNT ENCLOSURE	4 units	specify									
	The contractor shall furnish and install 6m poles and enclosure should be located at a height of 4m minimum welded. All materials furnished, assembled, fabricated or installed shall be new, corrosion resistant and in strict accordance with industry standards.											

Simpang 69-18, Jalan E-Kerajaan, Gadong BE1110, Brunei Darussalam

Department/References : EGNC/PM/4.2/2016.019 (Tel) 2424955 (Fax) 2424940 (Email) procurement@egc.gov.bn

ltem	Description	Qty	Please specify (y/n) and the Proposed Item & Specification	Unit Price <i>(BND)</i>	Total Cost <i>(BND)</i>	Department / References					
	Each cabinet assembly shall include, but not limited to the following:										
	 Enclosure Door Locks Power Distribution panel Input communication Gasketing Drainage Ventilation, etc. 										
	All parts of the cabinet shall be clean, smooth and free from flaws, cracks, dents and other imperfections. The pillar shall be dust and rain tight and capable of maintaining dry internal conditions when subjected to rain and wind gusts.										
	A fluorescent lamp of appropriate wattage shall be provided in the cabinet. The lamp shall be wired to turn on upon door opening.										
	CCTV Pole:										
	The pole shall be constructed of heavy-gauge steel with a powder coat finish or constructed in high tensile steel and hot dip galvanized after fabrication for durability. It shall be capable of a maximum load of 200 lbs and designed to blend into the surroundings. The minimum height of the pole is 6 meters.										
	Pole erection shall include installation of attachment fittings and as follows:										
	 Anchor bolt covers in areas subject to pedestrian traffic. Weather heads and couplings. Pole cap Allow 72 hours after pouring concrete before installing pole Pole mounting fittings, plates, brackets as needed. Reinforced couplings for wire entrances. 										

Simpang 69-18, Jalan E-Kerajaan, Gadong BE1110, Brunei Darussalam

Department/References : EGNC/PM/4.2/2016.019 (Tel) 2424955 (Fax) 2424940 (Email) procurement@egc.gov.bn

ltem	Description	Qty	Please s	pecify (y/n) and the Proposed Item & Specification	Unit Price <i>(BND)</i>	Total Cost <i>(BND)</i>	Department / References
	 Opening if so required at the base of the pole with secure lock Grounding of pole and proper earthing lugs within pole and on door Complete design proposals for foundation design A copper clad ground rod, ground wire and fittings shall be installed. The ground system shall be electrically connected to the grounding terminal on the pole and cabinet. The contractor must submit complete design proposals for height, ducting of cabling shaft diameter, base dimension, anchor bolts, color, and opening at base, wall thickness, and concrete pad specification for his concept proposal. 						
A5.	 SINGLE-PHASE POWER SUPPLY LINES PROTECTION AND SUPPLY Install lightning protection system against transient overvoltage's for electrical supply. The system Certified: Type 1, 2 and 3 regulations EN 61643-11, Guide- BT-23 from REBT Categories I, II, III and IV All mains power supply switching to the entire CCTV network shall be located at the security control room. If this is not possible than localised power supply from the main DB to the SUB DB. Specifications: Made up of zinc oxide varistors and gas discharge tubes able to withstand very high currents. Short response time. Don't produce deflagration. 	1 unit	specify				

Simpang 69-18, Jalan E-Kerajaan, Gadong BE1110, Brunei Darussalam

Department/References : EGNC/PM/4.2/2016.019 (Tel) 2424955 (Fax) 2424940 (Email) procurement@egc.gov.bn

ltem	Description	Qty	Please specify (y/n) and the Proposed Item & Specification	Unit Price <i>(BND)</i>	Total Cost <i>(BND)</i>	Department / References
	 Compact protection with removable cartridges that allows its replacement in case of breakage. Shall indicate LEDs warning lights that the enclosure is in good shape. If not, replace. 					
	 Earth inspection Pit Trenching, excavation of earth pits, copper rod driving Ground copper rod with clips and connectors Bare multi-strands grounding dissipation cable min 32mm with a max. length of 20m Earth connection cable min 16mm with a max. length of 50m SPD modules and connectors 					
A5.1	 CCTV POLE PROTECTION DATA LINE SURGE PROTECTOR GBE, POE++ Specifications: Pole/wall mount capable must be grounded by lightning rod which is located below ground. Weatherized grommet and gasket Ruggedized environmental design prevents water ingress Locking hinged cover Corrosion, UV and salt fog protection 	4 units	<i>specify</i>			
A6.	TRAINING BY CERTIFIED ENGINEERS The training shall provide to minimum of at least 4 members of administrators or operation staff. The training should provide sufficient capability for the operation and configuration of the system that enable the operators to administer, operate and manage the system efficiently. Engineers must submit their qualifications and experience based on the hardware specification as stated.	1 Lot	specify			

Simpang 69-18, Jalan E-Kerajaan, Gadong BE1110, Brunei Darussalam

Department/References : EGNC/PM/4.2/2016.019 (Tel) 2424955 (Fax) 2424940 (Email) procurement@egc.gov.bn

ltem	Description	Qty	Please specify (y/n) and the Proposed Item & Specification	Unit Price <i>(BND)</i>	Total Cost <i>(BND)</i>	Department / References
A6.1	GROUP POLICY MANAGEMENT GUIDELINES CODES OF PRACTICE It is intended as a reference document by offering Procedural Guidance and instructions on all aspects of the operation of the System; it is based upon Group Policy Management for Government to manage their system and processes in a systematic manner. This document MUST BE PROVIDED AS PART OF THEIR QUOTATION SUBMISSION to provide direction in relation to the application of the documentation and media produced by VMS (CCTV) and British standards associated with IP CCTV cameras	1 Lot	specify			
A6.2	USER ACCEPTANCE TEST AND COMMISSIONING All the equipment's will undergo a comprehensive user acceptance test at component level for performance, functionality and compliance. The detailed test scripts for the entire hardware architecture and associated peripheral's but not limited to this, shall be submitted to form this quotation. User acceptance test shall be carried out by the manufacturer appointed certified engineers.	1 Lot	specify			
A6.3	MANUAL AND INSTRUCTION DOCUMENTATION CD contains of PC user manual, installation guides and technical path, troubleshooting and detailed network architecture for entire system topology and their proposed IP addresses structure and not limited to this.	1 Lot	specify			

Simpang 69-18, Jalan E-Kerajaan, Gadong BE1110, Brunei Darussalam

Department/References : EGNC/PM/4.2/2016.019 (Tel) 2424955 (Fax) 2424940 (Email) procurement@egc.gov.bn

ltem	Description	Qty	Qty Please specify (y/n) and the Proposed Item & Specification			Total Cost <i>(BND)</i>	Department / References
A6.4	COMPREHENSIVE MAINTENANCE All equipment shall have 3 year complete quarterly maintenance. A comprehensive documentation of the planned/preventative and corrective maintenance schedule must be submitted as part of their quotation submission.	1 Lot	specify				
				TOTAL COST :			
	 Please Also Observe The Following: a. Any vendors that have not completed or properly filling in the form will not be entertained b. Site visit is required c. Quotation Validity: 6 months or above 	<i>Compan</i>	certify the a	above quote to be correct.	Company's C	Dfficial Stamp:	
	ISSUE QUOTATION : 17 May 2016 CLOSE QUOTATION : 01 June 2016 (2.00PM)	5	ion:				

DELIVERY CONFIRMATION LETTER

To:

Chairman of Procurement Committee, E-Government National Centre, Prime Minister Office, Spg 69–18, Jalan E-Government Gadong BE1110, Negara Brunei Darussalam.

QUOTATION OF: EGNC/PM/4.2/2016.019

With regards to the quotation above that our Company participate, our Company agreed to the terms below:

- 1. In the event that our Company is successful in this quotation, we promise to perform and supply within the promise period according to the specifications and quantity mention in Appendix 1 from the issued date.
- 2. In the event that our Company is unable to make provision in the original period specified in paragraph 1., the company will:
 - a) Inform E-Government National Centre within 14 days before the date of supply is to be made in writing with an explanation. In this regard, our Company agreed to implement one of the following ways:
 - i) Replace with the same specifications that is agreed with E-Government National Centre or ii) Lending until supply is made that is agreed with E-Government National Centre.
 - b) Inform in the event that the conditions mentioned above in clause (a) cannot be fulfilled, therefore E-Government National Centre reserves the right to cancel this quotation.
- 3. If our Company fails to perform as required to make the supply, our Company will be banned from participating in any future tender or quotation from the Government of His Majesty Paduka Seri Baginda Sultan dan Yang Di Pertuan Negara Brunei Darussalam.
- 4. If our Company fails to meet these requirements, our company will be charged a penalty of 10% of the total price of the delayed or unsuccessful supply without any acceptable reasons. E-Government National Centre is entitled to deduct from the security deposit or any payments to be received by the Company in the event that the Company are not able to supply within the stipulated period.

Signature, Name & Position

Company Cop & dates

TERMS AND CONDITIONS OF RFP REF. NO: EGNC/PM/4.2/2016.019

- 1.1 The Tenderer is required to quote the proposed services which will best meet the requirement as per given in the enclosed Request for Quotation (RFQ) taking into consideration the following: a. Any amendments made should be initialled with the Tenderer's stamp
- 1.2 All prices are to be quoted:
 - a. In Brunei Dollars (BND),
 - b. With minimum validity period of 1 year from closing dof quotation.
- 1.3 RFQ responses must be submitted using the form in Appendix 1 attached hereto on or before the closing date :
 - 1.3.1 Using a sealed envelope to the Reception Counter of the 'E-GOVERNMENT NATIONAL CENTRE, PRIME MINISTER'S OFFICE, SIMPANG 69-18, JALAN E-KERAJAAN, GADONG ', addressed to:

Quotation Reference : EGNC/PM/4.2/2016.019

E-GOVERNMENT NATIONAL CENTRE PRIME MINISTER'S OFFICE SIMPANG 69-18, JALAN E-KERAJAAN, GADONG BE1110 NEGARA BRUNEI DARUSSALAM and marked "Quotation Closing Date, Wednesday 01 June 2016 (2.00 pm)"

- 1.4 The E-Government National Centre hereafter referred to as the Customer has and reserves the right:
 - a. not to accept the lowest or any quotation,
 - b. to accept any quotation in whole or in part, or
 - c. to penalise and cancel any order or contract from/with the Tenderer if the delivery, installation and commissioning schedule and other related terms and conditions are not met or adhered to by the Tenderer.
- 1.5 Any clarification of the requirement can be requested not later than 1 (one) working day before the closing of the quotation submission. For any clarification please contact <u>Dyg Samiah</u> at telephone number +6732424955.
- 1.6 A contract shall be signed with the Government to exercise the terms.
- 1.7 After the services have been delivered, a copy of the Delivery Order is required to be faxed to 2424940 with attention to Procurement Section, E-Government National Centre.
- 1.8 The Tenderer must not make any public statement in relation to this quotation document or to the awarding of any consequent order for the supply of the required items.
- 1.9 The above terms and conditions are subject to review or revision whenever deemed necessary without prior written notice.

PUSAT KEBANGSAAN E-KERAJAAN JABATAN PERDANA MENTERI

APPENDIX 4

VENDOR'S PARTICIPATION FORM FOR QUOTATION REF : EGNC/PM/4.2/2016.019

Tick (V) where appropriate:-		
Quote	No Quote	
Name :		
Designation:		
Date :		
Company's chop:		

NOTE :

This form (Appendix 4) must be signed and stamped by the vendor and submit to the reception counter of the 'E-GOVERNMENT NATIONAL CENTRE, PRIME MINISTER'S OFFICE, SIMPANG 69–18, JALAN E-KERAJAAN, GADONG BE1110' or fax to 2424940.

Your response is highly appreciated.

Pusat Kebangsaan E-Kerajaan Simpang 69-18 Jalan e-Kerajaan Gadong BE1110 Negara Brunei Darussalam

Tel: 2424955/6/7 ext 122 / Fax : 2424940