

REPUBLIC OF THE PHILIPPINES DEPARTMENT OF BUDGET AND MANAGEMENT REGION VIII

NOTICE OF AWARD

November 29, 2021

The Manager
G AND E ENGINEERING SERVICES
Tacloban City

Dear Sir/Madam:

This is to notify you that your Bid for the **Upgrading and Commissioning of DBM Regional Office VIII Internet Protocol (IP)-Based Closed Circuit Television (CCTV) System** for the contract Price of **Nine Hundred Thirty Five Thousand Nine Hundred Ninety Five Pesos (₱935,995.00)** Only is hereby accepted.

Please refer to the attached signed quotation for the details of the specifications. May we remind likewise that processing of payment is subject to compliance with the required documentary requirements provided in the procurement terms and conditions of the Request for Quotation.

For information and guidance.

Very truly yours,

IMEĻDA Ć. LACERAS, CESO III

Regional Director

Conforme:

(Signature over Printed Name)

GEOFFRE

Manager / Authorized Representative

G AND E ENGINEERING SERVICES

Date of Receipt: 202

PURCHASE ORDER

Department of Budget and Management Regional Office VIII

Villa Ruiz, Bgy 77, Marasbaras, Tacloban City Tel. No. (053) 523-7456, 523-1162, 321-2327 & Fax No. (053) 325 - 7848

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			P.O. No.: <u>2021-12-001</u>			
The second second second				Date: December 1, 2021 Mode of Procurement: NP-SVP		
Gentlem	nen:		INIOGE OF PI	ocurement. NP-3	OVP	
Pleas	se furnis	h this Office the following articles subject to the tern	ns and cond	litions contained h	erein:	
Place of		, , , , , , , , , , , , , , , , , , , ,	Delivery Term :			
Date of D	Jelivery	See note below.	Payment Term : LDDAP-ADA			
Proper ty No.	Unit	Description	Quantity	Unit Cost	Amount	
		UPGRADING AND COMMISSIONING OF DBM REGIONAL OFFICE VIII INTERNET PROTOCOL (IP)-BASED CLOSED CIRCUIT TELEVISION (CCTV) SYSTEM				
	lot	Scope of Work:	1	935,995.00	935,995.00	
		 Wiring Layout, Equipment Setup, Installation/Integration of 17 new cameras and 15 existing cameras, 1 NVR, Data Cabinet, and commissioning (including the transfer of necessary components from the office of the Director to Server Room except monitor) (See attached layout) The cabling system shall be well-structured that it should not clutter on the floor or in the ceiling and must be kept in place through PVC pipes, molding, and/or etc. whichever is applicable. Network and Data Cabinet must be structured using Patch panel and Patch cables (1 foot). Proper Cable Management be followed according to standard practice. Endpoints or Network drop in the Camera end must be terminated using Keystone RJ45 jack and must be connected using patch cables. All network drops/patch panel ports must be properly labeled and Patch Panel Matrix must be prepared and included in the Technical Reports. Network cables must be terminated using TIA/EIA 568A or 568B Standard. For security purposes, assign dedicated VLAN for CCTV devices (Camera and NVR) and uplink between switches must be on different VLAN. All unused ports must be disabled. Removal of old and unused CCTV components (wirings, old NVR, cable moldings, and other components which will not be part of the upgraded CCTV System) Replacement of the damaged HDMI Cable for the CCTV Monitor in the Main Entrance. 				
		 Configuration of CCTV for remote access. Submission of Technical Report/as-built plan. This includes Network layout/Single Line Diagram, IP address/Subnet Mask tables, NVR, IP Camera and switch configuration Configurations (includes user credentials and access list) and Patch Matrix. Provide training to end-users for two days (Saturday) 				
		only). Materials and Labor:			· (

Stock/ Proper ty No.	Unit	Description	Quantity	Unit Cost	Amount
		1 pc. Network Video Recorder (NVR)			
		- At least 64 channel IPC input or higher			
		- H Smart H.265+/H.265/Smart H.264+/H.264/MPEG4/			
		MJPEG codec decoding			
		 supports 384Mbps or higher access, storage or forwarding bandwidth 			
		- Up to 12MP resolution preview & playback			
		- 2HDMI/2VGA simultaneous video output			
		- 1/4/8/9/16/25/36/64 channel synchronous real time			
		playback, GRID interface - 1/4/8/9/16/25/36/64 CH Multi Screen Display			
		- Supports Multi-brand network cameras:			
		- ONVIF Version 2.4, SDK, CGI conformance			
		- 3D intelligent positioning with PTZ camera.			
		- Support 16 SATA III HDDs @ 8 Terabytes each HDD			
		- Multiple network monitoring: Web, Desktop and Mobile			
		Application.			
		- Intel Processor			
		- Supports RAID 0/1/5/6/10			
		 Remote configuration and management of IPCs, such as setting parameters, acquiring information and upgrading IPCs of the same model in batches 			
		- Al-by-camera functions such as perimeter protection, face detection and recognition, SMD Plus, video metadata, ANPR and 3D behavior analysis N+M cluster. When the host fails, the standby device will continue to record; once the host recovers, video recorded on the standby device will be transmitted back			
		16 pcs. Surveillance Hard Drive			
		- 8 Terabyte			
		- Engineered for Video Surveillance Recording Applications	1		
		- Optimized for 24 x 7 operation			
		13 pcs. High-Definition Network Infrared Dome Type Indoor Camera			
		- 1/2.5" 8Megapixel progressive scan STARVISTM CMOS			
		- H.265&H.264 triple-stream encoding			
		- 15fps@4K(3840×2160),25/30fps@3M(2304×1296)			
		- Smart Detection supported			
		- WDR(120dB), Day/Night(ICR), 3DNR,AWB,AGC,BLC	1		
		 Multiple network monitoring: Web viewer CMS(DSS/PSS & DMSS)		
		- 2.8mm fixed lens (4mm optional)	1	1	
		- 1/1 Alarm in/out, 1/1 audio in/out			
		- Max. IR LEDs Length 30m	1		
		- Micro SD memory, IP67, IK10, PoE			
			I	I	I

Proper Unit Description Quantity Unit Cost Amount 4 pcs. High-Definition Network Full Color Builet Type Outdoor Cames — 1/1.8" 4Megapixel or higher progressive scan CMOS — ROI, SMART H. 284-4/285+, flexible coding, applicable to various bendevith and storage environments — 2,5/10 (ps@2888 × 1520, 50/80 (ps@1080P (1920 × 1080)) — Wide Dynamic Range (140 dB), DayNight (Electronic), 30 DNR, AWA AGC, BLC — Multiple network monitoring. Web viewer, CMS (DSSPS)S, 50 MSS — 2,8 mm fixed lens (3,8 mm, 6,0 mm optional) — 1/1 Alami mitout, 1/1 audio mout — Max. LEDs Length 20 m — Micro SD memory, IP67 IK10 2 pcs. 24 Port Gigabit PoE or ePoE Switch — Managed — 24 ports Giga-thernet Ports — 2.24 ports — SPF/SFP+ — Switching Capacity, 5660ps — PoES Randard PoE (802.3a) / PoE (802.3a) / PoE (802.3a) / Vola Supported — Rack Mounted — 1 pc. High-Definition Light Emitting Diode (LED) Monitor 40° with High-Definition Multimedia Interface (HDMI) input — 1 pc. Jub S150VA Tower Type — Output Power Capacity 1.0kW/1.5kVA — Nominal Voltage Input: 230V — Input Connection: (2) LEC Jumpers (Battery Backup) — Nominal Voltage Input: 230V — Input Connection: (2) LEC Jumpers (Battery Backup) — Ratery Input Connection: (2) LEC Jumpers (Battery Backup) — Nominal Voltage Input: 230V — Input Connection: (2) S20 C13 (Battery Backup) — Ratery Input Connection: (2) Examplers (Battery Backup) — Ratery Input Connection: (2) Examplers (Battery Backup) — Provides temporary battery power when the utility power is out. — Auto re-starts when AC recovers — Silence setup — Automatic charging (offline charging) — Battery Input Capacity Power Adaptor — 2 pcs. High-Definition Multimedia Interface (HDMI) Extender by CAT 5f6 with Power Adaptor — 2 pcs. High-Definition Multimedia Interface (HDMI) Cable 3M — 2 pcs. HDMI Cable 1.5M — 45 pcs. RJA\$ Connector — 2 pcs. AG Plastic Plua	Stock/					
ty No. 4 pcs. High-Definition Network Full Color Bullet Type Outdoor Camera - 1/1 8' 4Megapixel or higher progressive scan CMOS - ROI, SIARAT H. 284-Hi. 2555- fixeble coding, applicable to various bandwidth and storage environments. - 2870 fpsg2888 s 1250, 5066 psg1080P (1920 × 100) - 100 Miss Dynamic Range (140 eB), Day/Night (Electronic), DD OMR, AVM3, AGC, BLC - Multiple network maniforing Web viewer, CMS (DSS/PSS) & DMSS - 2.9 mm (hose lens (3.6 mm, 6.0 mm optional) - 1/1 Alarm inclut, 1/1 audio inclut. - Max LEDS Length 20 m - Micro SD memory, IP67,IK10 2 pcs, 24 Port Gigabit PoE or ePoE Switch - Managed - 24 ports Giga-ethernet Ports - 2/4 ports - SFP/SFP+ - Switching Capacity, F660ps - Packet Forwarding Rate, 41.68 Mops - PoE Standard PoE (802.3at) / PoE (802.3at) - Van Supported - Rack Mounted 1 pc, High-Definition Light Emitting Diode (LED) Monitor 40° with High-Definition Multimedia Interface (HDMI) Input 1 pc, Automatic Voltage Regulator 3KVA Servo Type with Time Delay 1 pc, LUPS 1500VA Tower Type - Output Power Capacity, 1.6k(VI) SkVA - Output Connection: (2 IEC Jumpers (Battery Backup) - (6) IEC 320 C13 (Battery Backup) - Nominal Voltage (Duptu 230V) - Input Connections: (IEC 300 C14 - Provides temporary battery power when the utility power is out Auto re-starts when AC recovers - Silence setup - Automatic charging (offline charging) - Battery low voltage protection - Overload & short circuit protection - 2 pcs. High-Definition Multimedia Interface (HDMI) Cable 3M 2 pcs. RJAS Connector - 2 ncs. AC Plastic Plus		Unit	Description	Quantity	Unit Cost	Amount
4 pcs. High-Definition Network Full Color Buillet Type Outdoor Camera 1/1 8' 4Megapixel or higher progressive scan CMOS ROL SMART H 234-H/255-, flexible coding, applicable to various bandwidth and storage environments 25(0) fps@2688 × 1520, 50(60 fps@1080P (1920 × 1000) Wide Dynamic Range (140 dB), Day/Night (Electronic), 3D DNR, AVMS, ACC, BLC Multiple network monitoring: Web viewer, CMS (DSS/PSS), SO MSS 2 8 mm fixed lens (3 6 mm, 6 0 mm optional) 1/1 Alarm introut, 1/1 audio in/out Max, LEDs Length 20 m Micro SD memory, IP67,IK10 2 pcs. 24 Port Gigabit PcE or ePcE Switch Managed 24 ports Giga-ethernet Ports 2/4 ports – SFP/SFP- Switching Capach; 95(bbs Packet Forwarding Rate 4: 416 Mbps PoE Standard: PcE (602.3sf) / PoE (802.3st) Vilan Supported Rack Mounted 1 pc. High-Definition Light Emitting Diode (LED) Monitor 40° with High-Definition Multimedia Interface (HDMI) Input 1 pc. Automatic Voltage Regulator 3KVA Servo Type with Time Delay 1 pc. LUPS 1500VA Tower Type Output Power Capacity: 1 (MWN) 15k/A Output Connection: (2) IEC Jumpers (Battary Backup) (8) IEC 320 C13 (Battey Backup) Nominal Voltage Input: 230V Nominal Voltage Input: 230V Nominal Voltage Input: 230V Input Cannections: (EC 330 C14 Provides temporary battary power when the utility power is out. Auto re-starts when AC recovers Silence setup ~ Automatic charging (effline charging) Battery low voltage protection 2 pcs. High-Definition Multimedia Interface (HDMI) Cable 3M 2 pcs. RJ45 Connector 2 pcs. High-Definition Multimedia Interface (HDMI) Cable 3M 4 pcs. RJ45 Connector		3	2555			
Outdoor Camera - 1/1 8' 4Megaptivel or higher progressive scan CMOS - ROI, SMART H 284-H 285-, flexible coding, applicable to various bandwidth and storage environments - 28/30 fps@2888 × 1520, 50/80 fps@18080 (1920 × 1930) - Wide Dynamic Range (140 dB), DayNight (Electronic), SD DNR, AVM, AGC, BLC - Multiple network monitoring: Web viewer, CMS (DSS/PSS) & DMSS - 2.8 mm fixed lens (3.8 mm, 8.0 mm optional) - 1/1 Alarm involut 1/1 audio involut - Max LEDs Length 20 m - Micro SD memory, IP87,IK10 2 pcs. 24 Port Gigaethernet Ports - 2/4 ports - SFP/SFP+ - Switching Capacity, 9650ps - Packet Forwarding Rate: 41.68 Mbps - Poc Standard PGE (902 381) / POE (802 381) - Vian Supported - Rack Mounted 1 pc. High-Definition Light Emitting Diode (LED) Monitor do' with High-Definition Multimedia Interface (HDMI) input 1 pc. Automatic Voltage Regulator 3KVA Servo Type with Time Delay 1 pc. UPS 1500VA Tower Type - Output Frower Capacity, 1 (XWV), 5kVA - Output Gromection (2) ECD Jumpers (Battery Backup) - (8) EC 320 C13 (Battery Backup) - Nominal Voltage (horut 230V) - Input Connections: EC 330 C14 - Provides temporary battery power when the utility power is out. - Auto re-starts when AC recovers - Silence setup - Automatic charging (offline charging) - Battery low voltage protection - Overload & Short circuit protection 2 pcs. High-Definition Multimedia Interface (HDMI) Extender by CATSI6 with Power Adaptor 2 pcs. High-Definition Multimedia Interface (HDMI) Cable 3M 2 pcs. RJA5 Connector	5) 1.51		4 pcs. High-Definition Network Full Color Bullet Type			
- ROI, SMART H 264+/H 266+, flexible coding, applicable to various bandwidth and storage environments - 25/30 [pse_2688 × 1520, 50/60 [pse_91080P (1920 × 1080)] - Wride Dynamic Range (140 dB), Dey/Night (Electronic), 3D DNR, AWB, AGC, BLC - Multiple network monitoring. Web viewer, CMS (DSS/PSS) & DMSS - 2.8 mm fixed lens (3.6 mm, 6.0 mm optional) - 1/1 Alem in/out, 1/1 audio in/out - MM LCED Length 20 m - Micro SD memory, IP67,IK10 2 pcs. 24 Port Gligabit PoE or ePoE Switch - Managed - 24 ports Giga-ethernet Ports - 2/4 ports - SFP/SFP+ - Switching Capacity: 560bps - PoEx Standard: PoE (602 3ar) / PoE (602.3at) - Valan Supported - Rack Mounted - 1pc. High-Definition Multimedia Interface (HDMI) - Input - 1pc. Automatic Voltage Regulator 3KVA Servo Type with - Time Delay - Output Power Capacity: 1.0kW/1.5kVA - Output Power Capacity: 1.0kW/1.5kVA - Output Power Capacity: 1.0kW/1.5kVA - Output Connection: (2) IEC Jumpers (Battery Backup) - (8) IEC 320 C13 (Battery Backup) - Nominal Voltage Input: 230V - Nominal Voltage Output: 230V - Nominal Voltage Output: 230V - Nominal Voltage Cutput: 230V - Nominal Voltage Input: 230V - Input Connection: (2) IEC 320 C14 - Provides temporary battery power when the utility power is out Auto re-starts when AC recovers - Silence setup ~ Automatic charging (offline charging) - Battery low voltage protection - Overload & short circuit protection - 2 pcs. High-Definition Multimedia Interface (HDMI) - Extendor by CA156 with Power Adaptor - 2 pcs. High-Definition Multimedia Interface (HDMI) - Extendor by CA156 with Power Adaptor - 2 pcs. High-Definition Multimedia Interface (HDMI)			Outdoor Camera			
to various bandwidth and storage environments - 25/30 fps@2688 × 1520, 50/80 fps@1080P (1920 × 1080) - Write Dynamic Range (140 dB), Day/Night (Electronic), 3D DNR, AWB, AGC, BLC - Multiple network monitoring: Web viewer, CMS (DSS/PSS) & DMSS - 28 mm faved lens (38 mm, 6.0 mm optional) - 1/1 Alarm infout, 1/1 audio in/out - Max, LEDs Length 20 m - Micro SD memory, IPG7, IK10 2 pcs. 24 Port Gliga-ethernet Ports - 2/4 ports – SFP/SFP+ - Switching Capacity, 96Gbps - Packet Forwarding Rate: 41 66 Mbps - Pos Standard: Pot (802 3af) / Pot (802.3at) - Valan Supported - Rack Mounted - 1, pc. High-Definition Light Emitting Diode (LED) Monitor 40° with High-Definition Multimedia Interface (HDMI) Input - 1 pc. Automatic Voltage Regulator 3KVA Servo Type with Time Delay - 1 pc. UPS 1500VA Tower Type - Output Power Capacity: 1.0kW1.5kVA - Output Connection: (2) IEC Jumpers (Battery Backup) - (6) IEC 320 C13 (Battery Backup) - Nominal Voltage Output: 230V - Nominal Voltage Output: 230V - Nominal Voltage Output: 230V - Imput Connections: IEC 320 C14 - Provides temporary battery power when the utility power is out. - Auto re-starts when AC recovers - Silence setup ~ Automatic charging (offline charging) - Battery low voltage protection - Overload & short circuit protection 2 pcs. High-Definition Multimedia Interface (HDMI) Extender by CA15/6 with Power Adaptor 2 pcs. High-Definition Multimedia Interface (HDMI) Cable 3M - 2 pcs. AC Plastic Plug			- 1/1.8" 4Megapixel or higher progressive scan CMOS			
1080) - Wide Dynamic Range (140 dB), DayNight (Electronic), 3D DNR, AWS, AGC, BLC - Multiple network monitoring: Web viewer, CMS (DSS/PSS) & DMSS - 2.8 mm fixed lens (3.6 mm, 6.0 mm optional) - 111 Alarm intout, 11 audio intout - Max LEDs Length 2.0 m - Micro SD memory, IP67, IK10 2 pcs. 24 Port Gigabit PoE or ePoE Switch - Managed - 24 ports Giga-ethemet Ports - 24 ports — SFP/SFP+ - Switching Capacity, 56Gbps - Packet Forwarding Rate: 41.66 Mbps - PoE Standard: PoE (802.3af) / PoE (802.3af) - Vian Supported - Rack Mounted - 1 pc. High-Definition Multimedia Interface (HDMI) Input 1 pc. Automatic Voltage Regulator 3KVA Servo Type with Time Delay 1 pc. UPS 1500VA Tower Type - Output Power Capacity: 1.0kW/1.5kVA - Output Connection: (2) IEC Jumpers (Battery Backup) - (8) IEC 320 C13 (Battery Backup) - Nominal Voltage input 230V - Silence setup - Automatic charging (effine charging) - Battery low voltage protection - Overload & short circuit protection - Overload & short circuit protection - Overload & Short circuit protection - Open AC Plastic Plua						
- Wide Dynamic Range (140 dB), Day/Night (Electronic), SD DNR, AWR, AGC, BLC - Multiple network monitoring: Web viewer, CMS (DSSIPSS), 8 DMSS - 2.8 mm fixed lens (3.6 mm, 6.0 mm optional) - 11/1 Alam involx, 1/1 audio infout - Max LEDs Length 20 m - Micro SD memory, IP67.IK10 2 pcs. 24 Port Gigabit PoE or ePoE Switch - Managed - 24 ports Gigaethermet Ports - 2/4 ports - SFP/SFP+ - Switching Capacity, 56Gbps - Packet Forwarding Rate: 41.66 Mbps - PoE Standard: PoE (802.3af) / PoE (802.3at) - Vian Supported - Rack Mounted - 1 pc. High-Definition Light Emitting Diode (LED) Monitor - 40° with High-Definition Multimedia Interface (HDMI) - Input - 1 pc. Automatic Voltage Regulator 3KVA Servo Type with - Time Delay - 1 pc. UPS 1500VA Tower Type - Output Power Capacity: 1 (XWVI: 5kVA) - Output Connection: (2) IEC Jumpers (Battery Backup) - (8) IEC 320 C 13 (Battery Backup) - Nominal Voltage Output: 230V - Nominal Voltage Input: 230V - Nominal Voltage Tipput: 230V - Nominal Voltage Tipput: 230V - Nominal Voltage Tipput: 230V - Input Connections: IEC 320 C14 - Provides temporary battery power when the utility power is out Auto re-starts when AC recovers - Silence setup - Automatic charging (offline charging) - Battery low voltage protection - Overload & short circuit protection - Overload & short circuit protection - Overload & Spot Circuit protection						
(IOSS/PSS) & DMSS - 2.8 mm Seed lens (3.6 mm, 6.0 mm optional) - 1/1 Alarm in/out, 1/1 audio in/out - Max. LEDs Length 20 m - Micro SD memory, IP67,IK10 2 pcs. 24 Port Gigabit PoE or ePoE Switch - Managed - 24 ports Giga-ethernet Ports - 2/4 ports - SFP/SFP+ - Switching Capacity: 56Gbps - Packet Forwarding Rate: 41.66 Mbps - PoE Standard: PoE (802.3af) / PoE (802.3at) - Vian Supported - Rack Mounted 1 pc. High-Definition Light Emitting Diode (LED) Monitor 40° with High-Definition Multimedia Interface (HDMII) Input 1 pc. Automatic Voltage Regulator 3KVA Servo Type with Time Delay 1 pc. LUPS 1500VA Tower Type - Output Power Capacity: 1 OkW/1.5kVA - Output Connection: (2) IEC Jumpers (Battery Backup) - (8) IEC 320 C13 (Battery Backup) - Nominal Voltage Output: 230V - Nominal Voltage Input: 230V - Nominal Voltage Input: 230V - Input Connections: IEC 320 C14 - Provides temporary batter power when the utility power is out Autor e-starts when AC recovers - Silence setup - Automatic charging (offline charging) - Battery low voltage protection - Overload & short circuit protection - Overload & short circuit protection - Overload & short circuit protection - 2 pcs. High-Definition Multimedia Interface (HDMII) Extender by CAT5/6 with Power Adaptor - 2 pcs. High-Definition Multimedia Interface (HDMII) Cable 3M 2 pcs. HDMI Cable 1.5M - 45 pcs. RJ45 Connector			- Wide Dynamic Range (140 dB), Day/Night (Electronic),			
- 1/1 Alam in/out, 1/1 audio in/out - Max. LEDS Leight 20 m - Micro SD memory, IP67,IK10 2 pcs. 24 Port Gigabit PoE or ePoE Switch - Managed - 24 ports Giga-eithernet Ports - 2/4 ports - SFP/SFP+ - Switching Capacity: 56Gbps - Packet Forwarding Rate: 41.66 Mbps - PoE Standard: PoE (802.38f) / PoE (802.38f) - Vian Supported - Rack Mounted 1 pc. High-Definition Light Emitting Diode (LED) Monitor 40" with High-Definition Multimedia Interface (HDMI) Input 1 pc. Automatic Voltage Regulator 3KVA Servo Type with Time Delay 1 pc. UPS 1500VA Tower Type - Output Power Capacity: 1.0kW/1.5kVA - Output Power Capacity: 1.0kW/1.5kVA - Output Connection: (2) IEC Jumpers (Battery Backup) - (6) IEC 320 C13 (Battery Backup) - Nominal Voltage Input: 230V - Input Connections: IEC 320 C14 - Provides temporary battery power when the utility power is out Autor er-starts when AC recovers - Silence setup ~ Automatic charging (offline charging) - Battery low voltage protection - Overload & short circuit protection - Overload & short circuit protection - 2 pcs. High-Definition Multimedia Interface (HDMI) Cable 3M 2 pcs. HDMI Cable 1.5M 45 pcs. RJ45 Connector						
- Max. LEDs Length 20 m - Micro SD memory, IP67 IK10 2 pcs. 24 Port Gigabit PoE or ePoE Switch - Managed - 24 ports Giga-ethernet Ports - 2/4 ports - SFP/SFP+ - Switching Capacity, 58Gbps - Packet Forwarding Rate. 41.66 Mbps - PoE Standard: PoE (602.3af) / PoE (502.3at) - Vian Supported - Rack Mounted 1 pc. High-Definition Light Emitting Diode (LED) Monitor 40" with High-Definition Multimedia Interface (HDMI) Input 1 pc. Automatic Voltage Regulator 3KVA Servo Type with Time Delay 1 pc. UPS 1500VA Tower Type - Output Power Capacity, 1.0kW/1.5kVA - Output Power Capacity, 1.0kW/1.5kVA - Output Power Capacity, 1.0kW/2.5kVA - Output Onnection: (2) IEC Jumpers (Battery Backup) - Nominal Voltage Output 230V - Nominal Voltage Input: 230V - Nominal Voltage Input: 230V - Input Connection: IEC 320 C 14 - Provides temporary battery power when the utility power is out Auto re-starts when AC recovers - Silence setup - Automatic charging (effline charging) - Battery low voltage protection - Overload & short circuit protection - Overload & short circuit protection - 2 pcs. High-Definition Multimedia Interface (HDMI) Extender by CAT5/6 with Power Adaptor - 2 pcs. High-Definition Multimedia Interface (HDMI) Extender by CAT5/6 with Power Adaptor - 2 pcs. AG Plastic Plug			- 2.8 mm fixed lens (3.6 mm, 6.0 mm optional)			
Micro SD memory, IP67,IK10 2 pcs. 24 Port Gigabit PoE or ePoE Switch Managed 24 ports Giga-ethernet Ports 24 ports — SFP/SFP+ Switching Capacity: 56Gbps Packet Forwarding Rate: 41.66 Mbps PoE Standard: PoE (602.3af) / PoE (802.3at) Vian Supported Rack Mounted 1 pc. High-Definition Light Emitting Diode (LED) Monitor 40° with High-Definition Multimedia Interface (HDMI) Input 1 pc. Automatic Voltage Regulator 3KVA Servo Type with Time Delay 1 pc. UPS 1500VA Tower Type Output Power Capacity: 1.0kW/1.5kVA Output Power Capacity: 1.0kW/1.5kVA Output Connection: (2) IEC Jumpers (Battery Backup) (8) IEC 320 C13 (Battery Backup) Nominal Voltage Output: 230V Nominal Voltage Output: 230V Input Connections: IEC 320 C14 Provides temporary battery power when the utility power is out. Auto re-starts when AC recovers Silence setup ~ Automatic charging (offline charging) Battery low voltage protection Overload & short circuit protection 2 pcs. High-Definition Multimedia Interface (HDMI) Extender by CAT5/6 with Power Adaptor 2 pcs. High-Definition Multimedia Interface (HDMI) Cable 3M 2 pcs. RJ45 Connector			- 1/1 Alarm in/out, 1/1 audio in/out			
2 pcs. 24 Port Gigabit PoE or ePoE Switch - Managed - 24 ports Giga-ethernet Ports - 2/4 ports – SFP/SFP+ - Switching Capacity; 56Gbps - Packet Forwarding Rate: 41.66 Mbps - PoE Standard: PoE (802.3af) / PoE (802.3at) - Vian Supported - Rack Mounted 1 pc. High-Definition Light Emitting Diode (LED) Monitor 40" with High-Definition Multimedia Interface (HDMI) Input 1 pc. Automatic Voltage Regulator 3KVA Servo Type with Time Delay 1 pc. UPS 1500VA Tower Type - Output Power Capacity: 1.0kW/1.5kVA - Output Power Capacity: 1.0kW/1.5kVA - Output Connection: (2) IEC Jumpers (Battery Backup) - (8) IEC 320 C13 (Battery Backup) - Nominal Voltage Input: 230V - Nominal Voltage Input: 230V - Nominal Voltage Input: 230V - Input Connections: IEC 320 C14 - Provides temporary battery power when the utility power is out Auto re-starts when AC recovers - Silence setup - Automatic charging (offline charging) - Battery low voltage protection - Overload & short circuit protection - 2 pcs. High-Definition Multimedia Interface (HDMI) - Extender by CAT5/6 with Power Adaptor - 2 pcs. High-Definition Multimedia Interface (HDMI) - Cable 3M - 2 pcs. HDMI Cable 1.5M - 45 pcs. RJ45 Connector			- Max. LEDs Length 20 m			
- Managed - 24 ports Giga-ethernet Ports - 24 ports — SFP/SFP+ - Switching Capacity: 56Gbps - Packet Forwarding Rate: 41.66 Mbps - PoE Standard: PoE (802.3af) / PoE (802.3at) - Vlan Supported - Rack Mounted - Rack Mounted - Ipc. High-Definition Light Emitting Diode (LED) Monitor 40° with High-Definition Multimedia Interface (HDMI) Input - Ipc. Automatic Voltage Regulator 3KVA Servo Type with Time Delay - Ipc. UPS 1500VA Tower Type - Output Power Capacity: 1.0kW/1.5kVA - Output Connection: (2) IEC Jumpers (Battery Backup) - (8) IEC 320 C13 (Battery Backup) - Nominal Voltage Output: 230V - Input Connections: IEC 320 C14 - Provides temporary battery power when the utility power is out Auto re-starts when AC recovers - Silence setup ~ Automatic charging (offline charging) - Battery low voltage protection - Overload & short circuit protection			- Micro SD memory, IP67,IK10			
- Managed - 24 ports Giga-ethernet Ports - 24 ports — SFP/SFP+ - Switching Capacity: 56Gbps - Packet Forwarding Rate: 41.66 Mbps - PoE Standard: PoE (802.3af) / PoE (802.3at) - Vlan Supported - Rack Mounted - Rack Mounted - Ipc. High-Definition Light Emitting Diode (LED) Monitor 40° with High-Definition Multimedia Interface (HDMI) Input - Ipc. Automatic Voltage Regulator 3KVA Servo Type with Time Delay - Ipc. UPS 1500VA Tower Type - Output Power Capacity: 1.0kW/1.5kVA - Output Connection: (2) IEC Jumpers (Battery Backup) - (8) IEC 320 C13 (Battery Backup) - Nominal Voltage Output: 230V - Input Connections: IEC 320 C14 - Provides temporary battery power when the utility power is out Auto re-starts when AC recovers - Silence setup ~ Automatic charging (offline charging) - Battery low voltage protection - Overload & short circuit protection			2 pcs. 24 Port Gigabit PoE or ePoE Switch			
- 24 ports Giga-ethernet Ports - 2/4 ports – SPP/SFPF - Switching Capacity, 56Gbps - Packet Forwarding Rate: 41.66 Mbps - PoE Standard: PoE (802.3af) / PoE (802.3at) - Vian Supported - Rack Mounted 1 pc. High-Definition Light Emitting Diode (LED) Monitor 40" with High-Definition Multimedia Interface (HDMI) Input 1 pc. Automatic Voltage Regulator 3KVA Servo Type with Time Delay 1 pc. UPS 1500VA Tower Type - Output Power Capacity: 1.0kW/1.5kVA - Output Connection: (2) IEC Jumpers (Battery Backup) - (8) IEC 320 C13 (Battery Backup) - Nominal Voltage Input: 230V - Nominal Voltage Input: 230V - Input Connections: IEC 320 C14 - Provides temporary battery power when the utility power is out Auto re-starts when AC recovers - Silence setup ~ Automatic charging (offline charging) - Battery low voltage protection - Overload & short circuit protection 2 pcs. High-Definition Multimedia Interface (HDMI) Extender by CAT5/6 with Power Adaptor 2 pcs. High-Definition Multimedia Interface (HDMI) Cable 3M 45 pcs. RJ45 Connector						
- 2/4 ports – SFP/SFP - Switching Capacity: 56Gbps - Packet Forwarding Rate: 41.68 Mbps - PoE Standard: PoE (802.3af) / PoE (802.3at) - Vian Supported - Rack Mounted - Ipc. High-Definition Light Emitting Diode (LED) Monitor 40° with High-Definition Multimedia Interface (HDMI) Input - Ipc. Automatic Voltage Regulator 3KVA Servo Type with Time Delay - Ipc. UPS 1500VA Tower Type - Output Power Capacity: 1.0kW/1.5kVA - Output Power Capacity: 1.0kW/1.5kVA - Output Connection: (2) IEC Jumpers (Battery Backup) - Nominal Voltage Output: 230V - Nominal Voltage Output: 230V - Nominal Voltage Output: 230V - Input Connections: IEC 320 C14 - Provides temporary battery power when the utility power is out Auto re-starts when AC recovers - Silence setup - Automatic charging (offline charging) - Battery low voltage protection - Overload & short circuit protection - Overload & Short circuit protection - Qres. High-Definition Multimedia Interface (HDMI) - Extender by CAT3/6 with Power Adaptor - 2 pcs. High-Definition Multimedia Interface (HDMI) Cable - 3M - 2 pcs. HDMI Cable 1.5M - 45 pcs. RJ45 Connector						
- Switching Capacity: 56Gbps - Packet Forwarding Rate: 41.66 Mbps - PoE Standard: PoE (802.3af) / PoE (802.3at) - Vian Supported - Rack Mounted 1 pc. High-Definition Light Emitting Diode (LED) Monitor 40° with High-Definition Multimedia Interface (HDMI) Input 1 pc. Automatic Voltage Regulator 3KVA Servo Type with Time Delay 1 pc. UPS 1500VA Tower Type - Output Power Capacity: 1.0kW/1.5kVA - Output Connection: (2) IEC Jumpers (Battery Backup) - (8) IEC 320 C13 (Battery Backup) - Nominal Voltage Output: 230V - Nominal Voltage Input: 230V - Input Connections: IEC 320 C14 - Provides temporary battery power when the utility power is out Auto re-starts when AC recovers - Silence setup ~ Automatic charging (offline charging) - Battery low voltage protection - Overload & short circuit protection - Overload & short circuit protection - Quest High-Definition Multimedia Interface (HDMI) Extender by CAT5/6 with Power Adaptor 2 pcs. High-Definition Multimedia Interface (HDMI) Cable 3M 2 pcs. HJDMI Cable 1.5M 45 pcs. RJ45 Connector						
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2 pcs. HDMI Cable 1.5M 45 pcs. RJ45 Connector						
45 pcs. RJ45 Connector						
2 pcs. AC Plastic Plug			2 pcs. HDMI Cable 1.5M			
2 pcs. AC Plastic Plug Page 3 of 6			45 pcs. RJ45 Connector			
			- 10 Pl-11 Pl			
	I	I	2 pcs. AC Plastic Plug Page 3 of 6	ı	ı	1

Stock/ Proper ty No.	Unit	Description	Quantity	Unit Cost	Amount
		2 pcs. Convenience Outlet 3 gang surface type			
		4 pcs. Unshielded-Twisted-Pair (UTP) Cat 6E Cable Class A (300m/roll)			
		1 pc 24-Port Patch Panel			
		32 pcs keystone Jack RJ45			
		15 pcs RJ45 Coupler			
		64 pcs UTP Patch cable (Cat6) Color: Gray, White or Blue			
		1 pc Power Distribution Unit (PDU) rack mounted with 10 outlets 20/30A			
		1 pc. PDX 14/2 (75m/roll)			
		60 pcs. PVC Pipe ½" Thickwall			
		30 pcs. PVC Short Elbow ½"			
		20 pcs. PVC Pipe Connector ½"			
		2 packs PVC Clip ½" (100 pcs/pack)			
		20 pcs. PVC Pipe ¾" Thickwall			
		20 pcs. PVC Short Elbow ¾"			
		1 pack PVC Clip ¾" (100 pcs/pack)			
		5 pcs. PVC Square Box 4 11/16" x 4 11/16" IP67			
		1 pc. Metal Pull Box 6" x 8" x 8"			
		2 packs Cable Tie 12" (100 pcs/pack)			
		4 pcs. PVC Moulding 2" x 8 feet			
		3 pcs. No More Nails Adhesive 100g			
		4 pcs. Good Lumber S4S 2" x 2" x 12'			
		1 pc. Marine Plywood ½" x 4' x 8'			
		1 pc. Quick Dry Enamel (gallon)			
		1 pc. Lacquer Thinner (gallon)			
		1 pc. Paint Brush 1-1/2"			

Stock/ Proper ty No.	Unit	Description	Quantity	Unit Cost	Amount
		1 pc. Data Cabinet Height 600mm (12U) Width 550mm Depth 400mm Column Thickness 1.2mm Iron Sheet Thickness 0.6mm Number of Doors (Two – Front and Back) Fan – 1 Casters PDU with 10 outlets 20A Service Fee – Wiring Layout, Equipment Setup, Installation/Integration of 17 new cameras and 15 existing cameras, 1 NVR, Data Cabinets, and Commissioning (See attached layout) Replacement of the damaged HDMI Cable for the CCTV Monitor in the Main Entrance Materials: 1 pc. High-Definition Multimedia Interface (HDMI) Cable 30M Version 1.3 and Full 1080P Resolution Supported. Supports 480i—1080p resolution. Supports standard, enhanced, or high-definition video, plus multi-channel digital audio. Supports True HD & DTS-HD. Large gauge PVC jacket provides maximum shielding against wear, tear and extreme temperatures. Provides an interface between any HDMI-enabled audio/video source, such as a set-top box, DVD player, and AV receiver and an audio and/or video monitor or projector. Gold plated, easy to connect and plug-and-play. Compatible with All HDMI Devices. Easier to Install, the best Connection for all Brands. 1 pc. High-Definition Multimedia Interface (HDMI) Signal Splitter 1 input x 2 output Labor / Removal of old HDMI cable and installation of new HDMI cable OTHER TERMS AND CONDITIONS: Site inspection before quotation: (Schedule of Inspection: From November 8 - 10, 2021 excluding weekends and holidays from 9am to 10am or 4pm to 5pm only). Note: Suppliers are encouraged to conduct site inspection before the scheduled pre-bid conference.			
		Ninety (90) calendar days from the receipt of PO and NOA.			

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Stock/ Proper ty No.	Unit	Description	Quantity	Unit Cost	Amount
		Warranty on Service and Parts: One (1) Year from Date of Installation			
		A warranty security shall be covered by either retention money in an amount equivalent to at least three percent (3%), or a special bank guarantee equivalent to at least three percent (3%) of the total contract price. The said amount shall only be released after the lapse of the warranty period.			
		Service Center: Availability of accredited service within Tacloban City			
		Inspection and Tests:			
		DBM RO8 Inspection Committee shall at all reasonable times during the installation and commissioning of the project be entitled to examine, inspect, measure and test the materials and workmanship, and to check the progress of the said project.			
		TOTAL		935,995.00	935,995.00
one-tenti W the agree	h (1/10) Ve reserv ed specif	re to make the full delivery within the time specific of one percent for every day of delay shall be in the eight to return the above items in case of defect fications. The proof percent for every day of delay shall be in the eight to return the above items in case of defect fications.	mposed. ts and if fou Very Truly	yours. LACERAS, CES	
Fund Cluster : Funds Available : MARIA RINA P. YGAÑA Accountant III 2 702			Date of t	S No. : he ORS/BURS:_	