

### Republic of the Philippines

# Department of Education REGION XII SCHOOLS DIVISION OF SARANGANI

## INVITATION TO BID FOR

# REBID DELIVERY, INSTALLATION, CONFIGURATION, AND TESTING OF IP PBX TELEPHONY SYSTEM, NETWORK ATTACHED STORAGE, INDUSTRIAL UPS, ADDITIONAL NETWORK INFRASTRUCTURE, AND ICT&NETWORK MAINTENANCE EQUIPMENTS AND SUPPLY

1. The Department of Education-Sarangani Division, through the Capital Outlay OSEC-12-22-2598 2023 Cont'g Appro intends to apply the sum of ONE MILLION PESOS AND 00/100 Php 1,000,000.00) being the ABC to payments under the contract for the Rebid Procurement of Delivery, Installation, Configuration, and Testing of IP PBX Telephony System, Network Attached Storage, Industrial UPS, Additional Network Infrastructure, and ICT&Network Maintenance Equipments and Supply 2023-04-0056 broken down as follows:

Stock/P roperty No.	Unit	Item Description	Specifications	Quantity	Unit Cost	Total Cost
		IP PBX				
LOT A	Unit	System	General Specifications	1	100,000.00	100,000.00
			Users 100 / 200			
			Max Concurrent Calls 30 / 60			
			Max Call Center Agents 100 / 200			
			Max FXS Ports 8			
			Max FXO/BRI Ports 8			
			Max GSM/3G/4G Ports 4			
			Max E1/T1/J1 Ports 1			
			*Expandable D30 1			
			Transport Protocol UDP, TCP, TLS, SRTP			
			Voice Codec G711 (alaw/ulaw),			
			G722, G726, G729A, GSM, Speex,			
			ADPCM, iLBC			
			Video Codec H263, H263P, H264, MPEG4			

DTMF In-band, RFC4733, RFC2833, SIP INFO			
NFC Read/Write			
Ethernet interfaces 2 x (10/100/1000 Mbps)			
Hard disk 1 SATA (Up to 2TB)			
USB 1 (up to 2TB)			
Power Supply AC 100-240V 50/60HZ			
1.5A max			
Size (L x W x H) (cm) 44 x 25.2 x 4.4			
Weight 2.38 kg			
Form Factor 1U Rack-mount			
Environment			
- Operation Range: 0°C to 40°C, 32°F to 104°F			
- Storage Range: -20°C to 65°C, -4°F			
to 149°F			
- Humidity: 10-90% non-condensing			
Expansion Modules			
-expansion module	1	9,500.00	9,500.00
-GSM Module (2 SIM slots)	1	31,000.00	31,000.00
-Landline Module	1	9,500.00	9,500.00
<b>Business Features</b>			
BLF Support			
Business Hours & Holidays			
Call Allow/Block List			
Call Recording			
Custom Prompts			
Distinctive Ringtone			
DNIS			
Emergency Number			
Emergency Notifications			
Mobility Extension			
Music on Hold			
MOH Playlist			
Microsoft Teams Integration			
PIN List			
Remote Extensions			
Speed Dial			
T.38 Fax			
Fax to email			
Voicemail			
Personal Voicemail Greeting			
Voicemail to email			
WebRTC Audio Call			
Telephony Features			
Call Forwarding			

Call Monitoring	
(Listen/Whisper/Barge-in)	
Call Parking	
Call Pickup	
Call Routing	
Call Transfer (Attended & Blind)	
Call Waiting	
Caller ID	
CID-based & DID-based Call	
Routing	
Conference Rooms	
Dial by Name	
DID (Direct Inward Dialing)	
DOD (Direct Outward Dialing)	
DND (Do Not Disturb)	
DISA	
IVR	
Intercom	
Queue	
Ring Group	
CDR & Basic Reports	
Administration and Security	
Auto Provisioning	
Web-based Management & User	
Portal	
Dashboard	
Granular User Role	
Bulk Import & Export (Extension,	
Trunk, Route, Contacts)	
Extension Group	
Built-in SMTP Server	
Event Logs	
Event Notifications	
Network Drive	
Backup and Restore	
Operation Logs	
Secure Communications (SRTP &	
TLS)	
Troubleshooting	
Security: Password Policy	
Enforcement, Auto Defense, Static	
Defense, IP Blocklist, Security Alerts	
via Ema	

Unit Hand Set SUB-TOTAL  IP Phone Generic 35 5,500.0	150,000.00
Generic	
Generic	
	0 192,500.00
4 SIP Lines	
HD Voice	
PoE Enabled	
2.8-inch color screen	
Handset / Hands-free / Headset mode	
Desktop Stand / Wall-mounted	
(need an additional wall	
hangingparts)	
External Power Supply	
Phone Functions	
Local Phonebook (1000 entries)	
Remote Phonebook (XML/LDAP,	
1000 entries)	
Call logs (In/Out/Missed, 600 entries)	
Black/White List Call Filter	
Screen saver	
Voice Message Waiting Indication (VMWI)	
Programmable DSS/Soft keys	
Network Time Synchronization	
Support Plantronics wireless headset (Through Plantronics APD-80 EHS Cable)	
Support Jabra wireless headset (Through Fanvil EHS20 EHS Cable)	
Support Recording (Through Server)	
Action URL / Active URI	
uaCSTA	
Call Functions	
Call out / Answer / Reject	
Mute / Unmute (Microphone)	
Call Hold / Resume	
Call Waiting	
Intercom	
Caller ID Display	

Speed Dial	
Anonymous Call (Hide Caller ID)	
Call Forward (Always/Busy/No	
Answer)	
Call Transfer (Attended/Unattended)	
Call Parking/Pick-up (Depending on	
server)	
Redial	
Do-Not-Disturb	
Auto-Answering	
Voice Message (With server)	
6-way Conference	
Hot Line	
Hot desking	
Video	
Video codec: H.264	
Video coll resolution: QCIF / CIF /	
VIGA	
Audio	
HD Voice Microphone/Speaker	
(Handset/Hands-free, 0~7KHzFrequency Response)	
HAC handset	
Wideband ADC/DAC 16KHz	
Sampling	
Narrowband Codec: G.711a/u,	
G.723.1, G.726, G.729A/B, iLBC	
Wideband Codec: G.722, Opus	
Full-duplex Acoustic Echo Canceller	
(AEC)	
Voice Activity Detection (VAD) /	
Comfort Noise Generation(CNG)/	
Background Noise Estimation (BNE) /	
Noise Reduction(NR) /Automatic	
Gain Control (AGC)	
Packet Loss Concealment	
(PLC)Dynamic Adaptive Jitter Buffer	
DTMF: In-band, Out-of-Band	
(RFC2833/ SIP INFO)	
VQM voice quality monitoring	
Network	
Physical: 10/100/1000 Mbps	
Ethernet, dual bridged port for PC	
bypass	
IP Mode:IPv4/IPv6/IPv4&IPv6	
IP Configuration: Static IP / DHCP /	
PPPoE	
Network Access Control: 802.1x l	
VPN: L2TP / OpenVPN	

	VLAN	
	LLDP	
	QoS	
	RTCP-XR (RFC3611), VQ-RTCPXR	
	(RFC6035)HD Voice	
	Microphone/Speaker	
	(Handset/Hands-free,	
	0~7KHzFrequency Response)	
	Protocols	
	SIP2.0 over UDP/TCP/TLS	
	RTP/RTCP/SRTP	
	STUN	
	DHCP	
	IPv6	
	LLDP	
	PPPoE	
	802.1x	
	L2TP	
	OpenVPN	
	SNTP	
	FTP/TFTP	
	HTTP/HTTPS	
	TR-069	
	AES128 & AES256	
	Physical Specifications	
	LCD: 2.8-inch (320x240) Color Screen	
	Keypad: 34 keys, including	
	4 Soft-keys	
	7 Function keys	
	(Hold/Transfer/Conference/Phonebo	
	(Hold/Transfer/Conference/Phonebo ok/MWI/Headset/Redial)	
	ok/MWI/Headset/Redial)	
	ok/MWI/Headset/Redial)  2 Line keys (With LED Indicator Light)	
	ok/MWI/Headset/Redial)  2 Line keys (With LED Indicator Light)  4 Navigation keys Ø 1 OK key  12 Standard Phone Digits keys	
	ok/MWI/Headset/Redial)  2 Line keys (With LED Indicator Light)  4 Navigation keys Ø 1 OK key	
	ok/MWI/Headset/Redial)  2 Line keys (With LED Indicator Light)  4 Navigation keys Ø 1 OK key  12 Standard Phone Digits keys  3 Volume Control keys	
	ok/MWI/Headset/Redial)  2 Line keys (With LED Indicator Light)  4 Navigation keys Ø 1 OK key  12 Standard Phone Digits keys  3 Volume Control keys (Up/Down/Mute (Microphone))	
	ok/MWI/Headset/Redial)  2 Line keys (With LED Indicator Light)  4 Navigation keys Ø 1 OK key  12 Standard Phone Digits keys  3 Volume Control keys (Up/Down/Mute (Microphone))  1 Hands-free key	
	ok/MWI/Headset/Redial)  2 Line keys (With LED Indicator Light)  4 Navigation keys Ø 1 OK key  12 Standard Phone Digits keys  3 Volume Control keys (Up/Down/Mute (Microphone))  1 Hands-free key  HD Handset (RJ9) x1	
	ok/MWI/Headset/Redial)  2 Line keys (With LED Indicator Light)  4 Navigation keys Ø 1 OK key  12 Standard Phone Digits keys  3 Volume Control keys (Up/Down/Mute (Microphone))  1 Hands-free key  HD Handset (RJ9) x1  Standard RJ9 Handset Wire x1	
	ok/MWI/Headset/Redial)  2 Line keys (With LED Indicator Light)  4 Navigation keys Ø 1 OK key  12 Standard Phone Digits keys  3 Volume Control keys (Up/Down/Mute (Microphone))  1 Hands-free key  HD Handset (RJ9) x1  Standard RJ9 Handset Wire x1  1.5M CAT.5E Ethernet Cable x1  Back Rack x1	
	ok/MWI/Headset/Redial)  2 Line keys (With LED Indicator Light)  4 Navigation keys Ø 1 OK key  12 Standard Phone Digits keys  3 Volume Control keys (Up/Down/Mute (Microphone))  1 Hands-free key  HD Handset (RJ9) x1  Standard RJ9 Handset Wire x1  1.5M CAT.5E Ethernet Cable x1  Back Rack x1  Status Indicator Light x1 (Red)	
	ok/MWI/Headset/Redial)  2 Line keys (With LED Indicator Light)  4 Navigation keys Ø 1 OK key  12 Standard Phone Digits keys  3 Volume Control keys (Up/Down/Mute (Microphone))  1 Hands-free key  HD Handset (RJ9) x1  Standard RJ9 Handset Wire x1  1.5M CAT.5E Ethernet Cable x1  Back Rack x1  Status Indicator Light x1 (Red)  RJ9 Port x2: Handset x1, Headset x1	
	ok/MWI/Headset/Redial)  2 Line keys (With LED Indicator Light)  4 Navigation keys Ø 1 OK key  12 Standard Phone Digits keys  3 Volume Control keys (Up/Down/Mute (Microphone))  1 Hands-free key  HD Handset (RJ9) x1  Standard RJ9 Handset Wire x1  1.5M CAT.5E Ethernet Cable x1  Back Rack x1  Status Indicator Light x1 (Red)  RJ9 Port x2: Handset x1, Headset x1  RJ45 Port x2: Network x1, PC x1	
	ok/MWI/Headset/Redial)  2 Line keys (With LED Indicator Light)  4 Navigation keys Ø 1 OK key  12 Standard Phone Digits keys  3 Volume Control keys (Up/Down/Mute (Microphone))  1 Hands-free key  HD Handset (RJ9) x1  Standard RJ9 Handset Wire x1  1.5M CAT.5E Ethernet Cable x1  Back Rack x1  Status Indicator Light x1 (Red)  RJ9 Port x2: Handset x1, Headset x1	

		Power Consumption: Idle 0.9~1.58W,Peak 2.34~3.21W			
		Working Temperature: 0~45°C			
		Working Humidity: 10∼95%			
		Installation:			
		Desktop Stand			
		Wall-mounted (need an additional wall hanging parts)			
		Color: Black			
		Device Dimensions:			
		Desktop Stand (Angles 1): 169x186.3x174.5 mm			
		Desktop Stand (Angles 2): 169x177.6x183.7 mm			
		Wall-mounted: 169x115.6x212.5 mm			
		Gift Box Dimensions: 274x215x68 mm			
		Outer CTN Dimensions: 450x360x294 mm			
		Handset must be compatible with the IP PBX System aboved. Configurations and installation must be compatible with the existing			
		network Infrastructure with 1 year  SUB-TOTAL			102 500 00
		30B-101AL			192,500.00
	Network Attached				
Unit	Storage	CPU Model	1	200,000.00	200,000.00
		CPU Quantity = 1			
		CPU Architecture = 64-bit  CPU Frequency = 4-core 2.4 (base) / 2.7 (turbo) GHz			
		Hardware Encryption Engine (AES-NI)			
		Memory			
		Installed System Memory = 64 GB DDR4 ECC UDIMM (16 x 4)			
		Memory Module Pre-installed = 8 GB (8 GB x 1)			
		Total Memory Slots = 4			
		Maximum Memory Capacity = 64 GB (16 GB x 4)			
		Storage			
		Drive Bays = 12			
		Maximum Drive Bays with Expansion	_		

Installed with 4 units 1TB each 2.5" SATA SSD	
Compatible Drive Type* (See all supported drives) = 3.5" SATA HDD, 2.5" SATA SSD	
Hot Swappable Drive*	
Notes = "Compatible drive type" indicates drives that have been tested to be compatible with the unit.	
External Ports	
RJ-45 1GbE LAN Port = 4 (with Link	
Aggregation / Failover support)	
USB 3.2 Gen 1 Port* = 2	
Expansion Port = 2	
Notes = The USB 3.0 standard was	
renamed to USB 3.2 Gen 1 by the USB Implementers Forum (USB-IF) in	
2019.	
PCle Expansion = 2 x Gen3 x8 slots	
(x8 link)	
File System	
Internal Drives = Btrfs, EXT4	
External Drives = Btrfs, EXT4, EXT3, FAT, NTFS, HFS+, exFAT	
Appearance	
Form Factor (RU) = 2U	
Size (Height x Width x Depth) = 88 mm x 482 mm x 724 mm	
Weight = 14.5 kg	
Rack Installation Support* = 4-post 19" rack (Synology Rail Kit - RKS-02)	
Others	
System Fan = 80 mm x 80 mm x 4 pcs	
Fan Speed Mode = Full-Speed Mode, Cool Mode, Quiet Mode	
Easy Replacement System Fan	
Power Recovery	
Noise Level* = 50.2 dB(A)	
Scheduled Power On / Off	
Wake on LAN / WAN	
Power Supply Unit / Adapter = 50.2 dB(A)	
AC Input Power Voltage = 100V to 240V AC	
Power Frequency = 50/60 Hz, Single Phase	

		Power Consumption = 142.76 W (Access), 55.05 W (HDD Hibernation),			
		British Thermal Unit = 487.12 BTU/hr (Access), 187.84 BTU/hr (HDD Hibernation)			
		Temperature			
		Operating Temperature = 5°C to 35°C (40°F to 95°F)			
		Storage Temperature = -20°C to 60°C (-5°F to 140°F)			
		Relative Humidity = 5% to 95% RH			
		Certification			
		FCC			
		CE			
		BSMI			
		EAC			
		CCC			
		VCCI			
		RCM			
		Warranty			
		5 Years = All Parts and Services			
		Notes = The warranty period starts from the purchase date as stated on your purchase receipt.			
		All accessories required to install, configure and operate the unit effectively must be included and it must be compatible with the existing network infrastructure.			
		SUB-TOTAL			200,000.00
Unit	Industrial Uninterrupti ble Power Supply (UPS)	UPS Type = Rack Mount with complete installation accessories	3	40,000.00	120,000.00
		Phase = 1 phase in / 1 phase out			
		Rating (VA) = 2000			
		Nominal Power (W) = 1800			
		Standard Model			
		Dimension (mm) = UPS Unit: 510 x			
		438 x 88 [2U] (D x W x H)			
		Weight (kg) = UPS Unit: 14.5			
		Long-run Model			
		Dimension (mm) = 410 x 438 x 88		1	
		Dimension (mm) = 410 x 438 x 88 [2U] (D x W x H)			
		[2U] (D x W x H) Weight (kg) = 6.5			
		[2U] (D x W x H)			

Nominal Voltage = 230 VAC	
Voltage Range = 160-300 VAC @100% load, 110 VAC @ 60% load	
(Derating) Frequency Range = 40Hz ~ 70Hz	
Power Factor = ≥0.99 @ nominal voltage (100% load)	
OUTPUT	
Connection Type = 6 x IEC 320-C13	
Nominal Voltage = 220/230/240 VAC (Selectable)	
Voltage Regulation = ±1%	
Frequency Range (Synchronized Range) = 47 ~ 53 Hz or 57 ~ 63 Hz	
Frequency Range (Batt. Mode) = 50 Hz / 60Hz ± 0.1%	
Current Crest Ratio = 3:1	
Harmonic Distortion = ≦3% THD (Linear load), ≦6% THD (Non-linear load)	
ALARM & INDICATORS	
Battery Mode = Sounding every 4 seconds	
Low Battery = Sounding every second	
Overload = Sounding twice every second	
Fault = Continuously sounding	
LCD = Load level, Battery Level, AC mode, Battery mode, Bypass mode and Fault	
CONNECTIVITY, CONTROL & MONITORING	
Front panel = Status LED, Function keys, LCD display	
Communication = Smart RS232*, USB Port, Emergency Power Off (EPO)	
BATTERY	
Typical Recharge Time = 4 hours recover to 90% capacity	
Long-run Model = Depending on the capacity of external batteries	
Charging Current (max) = 1 / 2 / 4 / 8 A	
REAR PANEL	
Programmable outlets: connect to non-critical loads	

	2. Output receptacles: connect to mission-critical loads			
	3. AC input			
	4. Input circuit breaker			
	5. Network/Fax/Modem surge protection			
	6. Emergency power off function connector (EPO)			
	7. USB communication port			
	8. RS-232 communication port			
	9. Intelligent slot			
	10. External battery connection			
	11. Cooling fan			
	Installation and configuration must be compatible with the existing network infrastructure of the Division of Sarangani. With 1 Year Warranty on all parts and services			
	SUB-TOTAL			120,000.00
for Ho Drrm Engin	lation ealth, Particulars eering, lew SDS			
	Keystone Jack RJ45	20	350	7000
	Faceplate w/ box 1 gang	20	200	4000
	UTP Cat 6 Heavy Duty and High- Quality Cable, 23 AWG, copper wire	5	10000	50000
	3 Meters Cat 6e Patch Cable	40	350	14000
	8 ports Gigabit Switch	4	2500	10000
	Ruijie Wi-Fi 6 Indoor AP	6	9500	57000
	POE Switch 16 ports	1	10000	10000
	Moldings, screws, tox, liquid nails, and other installation materials plus installation fee		30000	30000
	Additional Requirements	_	30000	30000
	Job Order must include Installation,			
	Configuration, and Termination of all equipment and Nodes. Access Points Must be the same brand as the existing ones to ensure compatibility. Installation and Configuration of all equipments	5		
	must be compatible with the existing network infrastructure of the Division of Sarangani.	5		

			A one-year warranty for network services, parts/equipment and services must be included			
			SUB-TOTAL			182,000.00
			GRAND TOTAL FOR LOT A			844,500.00
LOT B	Unit	Networking and Maintenance Tools	Electric Screwdriver	2	3,200.00	6,400.00
			Battery voltage = 3.6 V			
			Torque (soft/hard/max.) = '-/5/- Nm			
			No-load speed (1st gear / 2nd gear) = 0 – 360 rpm			
			Battery type = Lithium-ion			
			Chuck capacity, min./max. = 6.35 mm			
			Clutch torque = 0.2 - 5 Nm			
			Max. screw diameter = 5 mm			
			Must Include = Carrying Case, Micros USB Cable, 1 x screwdriver bit PH1 2 608 521 M10, 1 x screwdriver bit PH2 2 608 521 M11			
			Impact Control Bit Set for Electric Screwdriver	2	3,200.00	6,400.00
			Must include: = 25MM Bits: PH1 x 1, PH2 x 3, PH3 x 1, PZ2 x 2, PZ3 x 1, T15 x 1, T20 x 2, T25 x 2, T30 x 2, T40 x 1; 50MM Bits: PH2 x 2, PZ2 x 2, T20 x 1, T25 x 1, T30 x 1; 65MM Bits: PH1 / PH2 x 1, PH2 / PH3 x 1, PH2 / PZ2 x 2, S5.5 / S5.5 x 1, T15 / T20 x 2, T25 / T30 x 1; Nutsetters: 8mm/10mm/13mm; Magnetic Bitholder included; Carrying Case			
			Digital Multimeter Tester  50000 & 500000 counts  (Selectable 5-4 / 5 digits 500000 counts for DCV)	2	4,500.00	9,000.00
			Dual display shows voltage/current and its frequency, and AC components			

and DC components of voltage/current			
Low-pass filter for variable frequency drive(VFD) circuit			
Capture (peak hold), Interval: 0.8ms			
MAX/MIN/AVG recording mode			
K type thermocouple temperature measurement -50°C ∼ 1000°C			
Conductance measurement			
Auto power save (17min.)(cancelable)			
IP Camera Tester	2	30,000.00	60,000.00
Display-4.3 inch IPS LCD test			
monitor with touch screen,			
resolution 800 (RGB) x 480 WIFI-Built in			
WIFI,speeds150M,display			
wireless camera image			
IP Camera Type-ONVIF, Hikvision.			
Customized welcome			
Zoom Image-Support Analog			
camera and IP camera image			
zoom /move			
Snapshot, Video Record And			
Playback-Image Screen snapshot,			
record ,save ,view and record and			
play back 12V/2Apower Output-Output			
DC12V/2A power for camera			
PoE Power Output-48V PoE			
power output,Max power 24W			
Audio Test-1 channel audio signal			
input, test whether sound			
normal, 1 channel audio signal, to			
connect headphone			
PTZ Control-Support			
RS232/RS485 control, Baud 600-			
115200bps, Compatible with			
more than 30 protocols such as			
PELCO-D/P, Samsung, Panasonic,			
Lilin, Yaan, etc			

Color Bar Generator-Output one channel PAL/NTSC color bar video signal for testing monitor or video cable.(red, green ,blue, white and black color )  UTP Cable Tester-Test UTP cable connection status and display on the screen. Read the number on the screen  Data Monitor-Test UTP cable connection status and display on the screen. Read the number on			
the screen  Network Test-IP address scan, link test, Ping test, Quickly search the connection IP camera and other device's IP address			
Operation Setting-Capacitive touch screen, OSD menu,Chinese/English IP Discovery-auto-scan the whole network segment camera IP			
HELWOLK SEGMENT CAMETA IP			
Soldering Station	1	10,000.00	10,000.00
Item Weight = 5.63 pounds			
Package Dimensions = 10.98 x 10.47 x 6.34 inches			
Power Source = AC			
Display Style = LCD			
Included Components = 3 x Soldering tips (YIHUA #1400 Soldering Tips), 1×YIHUA X-2 Soldering iron holder, 1×Brasswool tip cleaner with rosin flux, 1×Cleaning sponge, 1×Roll of lead-free solder wire (35g), 4 x Hot air nozzles, 1×ESD-			
safe tweezers			
13mm 20V Max Brushless Cordless Hammer Drill Driver set	2	14,500.00	29,000.00
13mm 20V Max Brushless Cordless Hammer Drill Driver set Voltage: 20V	2	14,500.00	29,000.00
13mm 20V Max Brushless Cordless Hammer Drill Driver set  Voltage: 20V  Capacity: 2 Ah	2	14,500.00	29,000.00
13mm 20V Max Brushless Cordless Hammer Drill Driver set Voltage: 20V	2	14,500.00	29,000.00

	Chuck holder capacity: 1.5 – 13.0			
	Number of strokes per minute : 0 –			
	29,750 bpm			
	Low speed idle : 0 – 500 rpm			
	High speed unloaded : 0 – 1,750 rpm			
	Number of coupling positions : 15			
	Torque (hard) : max. 65 Nm			
	Capacity of wood : max. 30 mm			
	Metal capacity : max. 13 mm			
	Capacity stone : max. 13 mm			
	Soft stone capacity : max. 26 mm			
	Weight : 1.5 kg			
	A 13 mm chuck with one sleeve and			
	spindle lock ensures quick and easy			
	tool change with one hand.			
	Two gears, stepless speed control			
	and reverse gear ensure maximum			
	maneuverability.			
	The intelligent trigger switch design			
	ensures maximum handling during			
	operation.			
	The 15-torque setting allows easy screwing of screws and screws of			
	various sizes into different materials.			
	A bright LED light with a delay function improves the visibility and			
	functionality of the tool.			
	The improved ergonomic design and			
	the rubber surface of the handle			
	enhance comfort.			
	Charger for use with XR Li-lon sliding			
	batteries with 20 Volt supply			
	voltage.			
	Components of the intelligent XR Li-			
	Ion series for efficient and fast			
	operation.			
	Hard case for protection of the unit			
500	Fiber Optic Towningtion Tool Kit .			
FOC Maintenance	Fiber Optic Termination Tool Kit - 9 in 1 Assembly FTTH tool kit with FC-			
Kit	6S Cleaver Optical Power Meter			
, and	Finder - 30km Visual Fault Locator			
	Optical Pliers Cable Cutter Stripper	1	5,550.00	5,550.00
	Optical Power Meter -70~+3dBm x 1	т	3,330.00	3,330.00
	SC transfer connector for power			
	meter x 1			
	Fiber Cleaver FC-6S + Bag X 1			
	CFS-2 Fiber Optic Cable Stripper X 1			

FTTH Drop Cable Stripper X 1			
30mw Visual Fault Locator 30km x1			
Bag for Locator x 1,Small Allen Wrench X 3			
Alcohol bottle X 1, Fixed length rail X 1			
Carrying Bag of whole kits			
TERMINATION FIBRE OPTIC CONNECTOR KIT	1	5,500.00	5,500.00
5 Hex crimp tool = 927-1163			
T-Cutter stripping tool = 45-123			
T-Cutter stripping too = 45-216			
Ideal jacket stripping tool = 45- 162			
Black OHP pen, medium			
Lint free alcohol wipes = TX806			
2 No-Nik buffer stripping tools = NN254 and NN305			
Miller stripping tool = FO-103S			
Kevlar scissors = C-124			
400x hand held microscope = FM- C400			
LC adaptor for microscope = FMA-LC			
24 Port multicure connector heater = 9561-TO			
Heat cure epoxy 4g sachets x 5 = RT153FC-TP5- 004			
Epoxy dispenser, syringe and needle = FT-3ML			
Perspex polishing board = PB1			
Black work mat = FS-100			
Polishing films: 12 micron = 3M-AO-12-L			
Polishing films: 3 micron = 3M-AO-3-L			
Polishing films: 1 micron = 3M- AO-1-L			
Polishing films: 0.3 micron = 3M- AO-03-L			
Universal 2.5mm polishing puck = EFA6004ASS			
LC polishing puck = EFA6006ASS			
Sapphire Fibre scribe = 58825-600			
Rubber pad			

6" steel rule			
Heat gun and nozzle			
Solvent Dispenser = SD12			
Kit case			
Soldering Mat	3	550.00	1,650.00
Item Weight-1.25 pounds (0.56 kg)			
Product Dimensions-15.9 x 12 x			
0.15 inches (40.4 x 30.5 x 0.4 cm)			
Color-Grey - Magnetic			
Material-Rubber			
Design-68 slots for parts and screws organization, heat resistant, non-slip, odorless, non-toxic			
Fiber Optic Cable	1	4,500.00	4,500.00
Cable length-1km / 1000M		1,500.00	1,500.00
Color-Pure black			
Optical fiber insertion removal			
times->1000 times			
Reinforcement material- Reinforced phosphating steel wire			
Other Details:-39.8x33.4x39.8CM, 100% Brand new & High quality, Used for networking / ethernet cabling, Used for networking / ethernet cabling			
15 feet HDMI Cable	2	2,000.00	4,000.00
Cable Type-Category 2 (4K @ 30 Hz)			
Resolution-4K			
Bandwith-18 Gb/s			
5 feet HDMI Cable	1	1,000.00	1,000.00
Cable Type-Category 2 (4K @ 30 Hz)			
Resolution-4K			
Bandwith-18 Gb/s			
4-Folding X 3-Steps Ladder Heavy			
Duty 4X3	1	4,500.00	4,500.00
Lightweight Aluminium			
150kg Load-bearing Capacity			

Rubber-tipped Feet			
Extends and Locks by the Foot			
Integrated Carrying Handle			
Heavy Duty Closure Strap			
4 Folding x 3 Steps			
Anti-static Band	8	250.00	2,000.00
Metal wrist ring-Adopt ABS plastic			
Color-stainless steel elastic bands			
Surface resistance-≤1*105			
Electrostatic discharge time-<0.1s			
Cable length-1.8m (adjustable)			
Features:-Metal ring with anti- allergic stainless steel ring outer insulating layer, anti-friction, Loop length can be adjusted			
USB 3.0 Type C Hub	5	1.200.00	6,000.00
HDMI RJ45 Network Port USB C Multiport Port Hub Thunderbolt 3 Type C Docking Station SD TF Card Reader Slot USB 3.0 Type C to HDMI Adapter, USB C HUB	,	2,200.00	9,000,00
GRAND TOTAL FOR LOT B			155,500.00
OVER ALL PROJECT COST			1,000,000.0 0
	Extends and Locks by the Foot Integrated Carrying Handle Heavy Duty Closure Strap 4 Folding x 3 Steps  Anti-static Band Metal wrist ring-Adopt ABS plastic Color-stainless steel elastic bands Surface resistance-≤1*105 Electrostatic discharge time-<0.1s Cable length-1.8m (adjustable) Features:-Metal ring with anti- allergic stainless steel ring outer insulating layer, anti-friction, Loop length can be adjusted  USB 3.0 Type C Hub HDMI RJ45 Network Port USB C Multiport Port Hub Thunderbolt 3 Type C Docking Station SD TF Card Reader Slot USB 3.0 Type C to HDMI Adapter, USB C HUB GRAND TOTAL FOR LOT B	Extends and Locks by the Foot  Integrated Carrying Handle  Heavy Duty Closure Strap  4 Folding x 3 Steps  Anti-static Band  Metal wrist ring-Adopt ABS plastic  Color-stainless steel elastic bands  Surface resistance-≤1*105  Electrostatic discharge time-<0.1s  Cable length-1.8m (adjustable)  Features:-Metal ring with antiallergic stainless steel ring outer insulating layer, anti-friction, Loop length can be adjusted  USB 3.0 Type C Hub  HDMI RJ45 Network Port USB C  Multiport Port Hub Thunderbolt 3  Type C Docking Station SD TF  Card Reader Slot USB 3.0 Type C  to HDMI Adapter, USB C HUB  GRAND TOTAL FOR LOT B	Extends and Locks by the Foot Integrated Carrying Handle Heavy Duty Closure Strap 4 Folding x 3 Steps  Anti-static Band 8 250.00 Metal wrist ring-Adopt ABS plastic Color-stainless steel elastic bands Surface resistance-≤1*105 Electrostatic discharge time-<0.1s Cable length-1.8m (adjustable) Features:-Metal ring with antiallergic stainless steel ring outer insulating layer, anti-friction, Loop length can be adjusted  USB 3.0 Type C Hub 5 1,200.00 HDMI RJ45 Network Port USB C Multiport Port Hub Thunderbolt 3 Type C Docking Station SD TF Card Reader Slot USB 3.0 Type C to HDMI Adapter, USB C HUB GRAND TOTAL FOR LOT B

Bids received in excess of the ABC shall be automatically rejected at bid opening.

- 2. The *Department of Education-Sarangani Division* now invites bids for the above Procurement Project. Bidders should have completed, within *five* (5) *years fr*om the date of submission and receipt of bids, a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II (Instructions to Bidders)
- 3. Bidding will be conducted through open competitive bidding procedures using a non-discretionary "pass/fail" criterion as specified in the 2016 revised Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184.
  - a. Bidding is restricted to Filipino citizens/sole proprietorships, partnerships, or organizations with at least sixty percent (60%) interest or outstanding capital stock belonging to citizens of the Philippines, and to citizens or organizations of a country

the laws or regulations of which grant similar rights or privileges to Filipino citizens, pursuant to RA No. 5183.

- 5. A complete set of Bidding Documents may be acquired by interested Bidders on May 11, 2023 to June 6, 2023; from the given address below upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB, in the amount of OneThousand Pesos (Php 1,000.00) for LOT A and Five Hundred Pesos (Php 500.00) for LOT B.
- 6. The *Department of Education-Sarangani Division* will hold a Pre-Bid Conference<sup>1</sup> on **May 23**, **2023**; **10:30 A.M.** thru virtual platform Microsoft Teams which is open to all interested prospective bidder. Please inquire at the given contact person and numbers below for the link and other concerns.
- 7. Bids must be duly received by the BAC Secretariat through manual submission at the office address indicated below, on or before **June 6**, **2023**; **9:00 A.M.** Late bids shall not be accepted.
- 8. All Bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in **ITB** Clause 14.
- 9. Bid opening shall be on **June 6**, **2023**;**9:01 A.M.** thru blended platform face-to- face and online for Bids and Awards Committee, Technical Working Group Members and BAC Secretariat at *DepEd New Division Conference Room, Capitol Compound, Alabel, Sarangani Province* while virtual platform Microsoft Teams to all prospective bidders and bidders' representatives who choose to attend the activity
- 10. The *Department of Education-Sarangani Division* reserves the right to reject any and all bids, declare a failure of bidding, or not award the contract at any time prior to contract award in accordance with Sections35.6 and 41 of the 2016 revised IRR of RA No. 9184, without thereby incurring any liability to the affected bidder or bidders.
- 11. For further information, please refer to:

#### FELIPE B. TUYOGON, JR.

Department of Education-Sarangani Division Capitol Compound, Alabel, Sarangani Province Tel No./Telefax No. 083-508-2039 Mobile No. 09229763957 Procurement.sarangani@deped.gov.ph

> NERISSA A. ALFAFARA, CESE BAC Chairperson

<sup>&</sup>lt;sup>1</sup> May be deleted in case the ABC is less than One Million Pesos (PhP1,000,000) where the Procuring Entity may not hold a Pre-Bid Conference.