

		PURCHASE ORDER			
			PRN: End-User Rep.:	USTP-GSPB-11-2 Dr. Jocelyn B. Ba	irbosa
Supplier			Location of Project		pus
ddress		: MULTIFACTORS SALES		23-12-1350	22
-mail Add	Irecc	: 0005 Juan C Legaspi St., Iligan City, Lanao Del Norte : engelndmj@yahoo.com	Date :	December 28, 20	123
elephone IN		: (063) 225 - 4981 / 0917 - 711 - 3478 : 102 - 730 - 257 - 000	Mode of Procurem	ent: Public Bidding	9
urpose		Proposed Procurement of the Supply, Delivery, Installation and Co Computer Vision Solution for Smart and Efficient Traffic Managem	ommissioning of IC nent CY 2023	T Equipment for Li	ightweight Edge
Gentler	men:				
P	lease furn	ish this office the following articles subject to the terms and condition	ns contained herein	1:	
lace of De	elivery	Contact Person for Delivery: SUPPLY OFFICE, USTP-CDO : Campus, Lapasan, Misamis Oriental Contact No.: 0955-882-3099	Delivery Term :		
Date of De	livery	: Sixty (60) Calendar Days upon receipt of Notice to Proceed	Payment Term :	Full Payment afte goods	er acceptance of
tock No.	Unit	Description	Qty.	Unit Cost	Amount
OT 1 - IN	NTERNET	OF THINGS DEVICES (P2,460,000.00)			
		INDUSTRIAL OUTDOOR IP CAMERA WITH AI OBJECT DETECTION			
		OFFER: UNV IPC2325SB-DZK-10			
2		Kay Fasturas			
		Key Features: -High quality image with 5MP, 1/2.7"CMOS sensor -5MP (2880*1620) @ 30/25fps; 4MP (2560*1440) @ 30/25fps; 3MP (2304*1296) @30/25fps; 2MP (1920*1080) @30/25fps -Ultra 265, H.265, H.264, MJPEG -LightHunter technology ensures ultra-high image quality in low illumination environment			
		-120dB true WDR technology enables clear image in strong light scene			
		-Support 9:16 Corridor Mode -Alarm:1 in/1 out, Audio: 1 in/1 out -Smart IR, up to 50m (164ft) IR distance			
		-Supports 256 G Micro SD card			
1	pc/s	-IK10 vandal resistant -IP67 protection -Support PoE power supply	20	54,990.00	1,099,800.00
		Camera			
		-Sensor: 1/2.7",5.0 megapixel, progressive scan, CMOS -Lens: 2.7~13.5mm, AF automatic focusing and motorized zoom lens			
		-DORI Distance: Lens (mm); 2.7, 13.5 Detect (m); 60.8, 303.8 Observe (m); 24.3, 121.5 Recognize (m); 12.2, 60.8 Identify (m); 6.1, 30.4			
		-Angle of View (H): 106.25° ~ 30.42° -Angle of View (V): 56.36° ~ 17.22° -Angle of View (0): 110.34 ~ 34.18°			
		-Adjustment angle: Pan; 0° ~ 360° Tilt; 0° ~ 90° Rotate; 0° ~ 360°			
		-Shutter: Auto/Manual, 1~1/100000s -Minimum Illumination: Colour; 0.002Lux (F1.2, AGC ON) OLux with IR on			
			UGHT FORWARD		1,099,800.00
In case ay of dela	e of failur y shall be	e to make the full delivery within the time specified above, a penalty imposed.	of one-tenth (1/10		nt for every
hecked an	nd verified		Very truly you	ırs////////////////////////////////////	
	Head, I	LANIEA. JALOVER Procurement Services R No. 2023-3482-01	DR. AMBROS President	777	H
onforme:		ENGEL R. MONTERO	1		
		Signature over printed name of Supplier FEBRUARY 28, 2024			
unds Avail	lable:	LILIEETH W. GADIANE			
		ACCOUNTANT - FED W			
		Signature Over Printed Name of Chief Accountant/ Head of Accounting Division/Unit	BUR/ObR N Amount :	10.: 23-12-103 3,193,400	.00



	PURCHASE ORDER			
		PRN: End-User Rep.:	USTP-GSPB-11-20 Dr. Jocelyn B. Bar	bosa
1		1	t: USTP-CDO Camp	us
Supplier	: MULTIFACTORS SALES	P.O. No. :	23-12-1350	22
Address	: 0005 Juan C Legaspi St., Iligan City, Lanao Del Norte	Date :	December 28, 202	23
E-mail Address Telephone No. TIN	: engelndmj@yahoo.com : (063) 225 - 4981 / 0917 - 711 - 3478 : 102 - 730 - 257 - 000	Mode of Procurem	ent: Public Bidding	
Purpose	Proposed Procurement of the Supply, Delivery, Installation and C Computer Vision Solution for Smart and Efficient Traffic Managen	ommissioning of IC nent CY 2023	T Equipment for Lig	phtweight Edge
Gentlemen:				
Please furn	ish this office the following articles subject to the terms and conditio	ns contained hereir	1:	
Place of Delivery	Contact Person for Delivery: SUPPLY OFFICE, USTP-CDO : Campus, Lapasan, Misamis Oriental Contact No.: 0955-882-3099	Delivery Term :	Full Payment after	r accentance of
Date of Delivery	: Sixty (60) Calendar Days upon receipt of Notice to Proceed	Payment Term :	goods	
Stock No. Unit	Description	Qty.	Unit Cost	Amount
		TOTAL CA	ARRIED FORWARD	1,099,800.00
	 -Day/Night: IR-cut filter with auto switch (ICR) -Digital noise reduction: 2D/3D DNR -S/N: >56 dB -IR Range: Up to 50m (164ft) IR range -Wavelength: 850nm -IR On/Off Control: Auto/Manual -Defog: Digital Defog -WDR: 120dB Video -Video Compression: Ultra 265, H.265, H.264, MJPEG -H.264 code profile: Baseline profile, Main profile, High profile -Frame Rate: Main Stream; 5MP (2808*1620), Max 30fps; 4MP (2560*1440), Max 30fps; JMP (2304*1296), Max 30fps; 1080P (1920*1080), Max 30fps Sub Stream; 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360, Max 30fps; 2CIF(704 288), Max 30fps; CIF(352*288), Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps; CIF(704*288), Max 30fps; CIF(352*288), Max 30fps; CIF(704*288), Max 30fps; CIF(352*288), Max 30fps; OSD: Up to 8 OSDS -Privacy Mask: Up to 4 areas -ROI: Up to 8 areas -Motion Detection: Up to 4 areas -Motion Detection: 2D/3D DNR -Smart IR: Supported -Flip: Normal/Vertical/Horizontal/180°/90°Clockwise/90° Anti-clockwise -HLC: Supported -BLC: Supported Audio -Audio Compression: G.711 			
			D	1,099,800.00
In case of failu	re to make the full delivery within the time specified above, a penalt			
day of delay shall be			An	
Checked and verifie	d by:	Very truly yo	ours,	
M		DR. AMBRO		ц
Head,	Procurdment Services No. 2023-2319-1	President		R
Conforme:	ENGEL R. MONTERO	/		
	Signature over printed name of Supplier FEBRUARY 28, 2024			
Funds Available:	Date MADIANS			
	Signature Over Printed Name of Chief Accountant/ Head of Accounting Division/Unit	BUR/ObR Amount :	No. : <u>23- 12 - 1</u> 3, 4 98, 40 0	1077- 2,00
C.M. I	Recto Avenue, Lapasan, Cagayan de Oro City 9000 Philippines, Tel. Nos. +63 (88) 856	5 1738; Telefax +63 (88		
	Page 2 of 13		414/23-1	0.237



		PURCHASE ORDER			
			PRN:	USTP-GSPB-11-20	
			End-User Rep.:	Dr. Jocelyn B. Bar t: USTP-CDO Camp	
····			P.O. No.	23-12-1350	u3
Supplier		: MULTIFACTORS SALES	Date :	December 28, 202	2
ddress		: 0005 Juan C Legaspi St., Iligan City, Lanao Del Norte : engeIndmj@yahoo.com			.5
-mail Addro elephone N		: (063) 225 - 4981 / 0917 - 711 - 3478	Mode of Procurem	ent: Public Bidding	
IN		: 102 - 730 - 257 - 000			
Purpose		Proposed Procurement of the Supply, Delivery, Installation and Co	ommissioning of IC	T Equipment for Lig	htweight Edge
Gentlem	en:	¹ Computer Vision Solution for Smart and Efficient Traffic Managem	ient CY 2023		
		ish this office the following articles subject to the terms and condition	ns contained herein	1:	
		Contact Person for Delivery: SUPPLY OFFICE, USTP-CDO			
lace of Del		: Campus, Lapasan, Misamis Oriental Contact No.: 0955-882-3099	Delivery Term :	Full Payment after	acceptance of
Date of Deli	very	: Sixty (60) Calendar Days upon receipt of Notice to Proceed	Payment Term :	goods	
Stock No.	Unit	Description	Qty.	Unit Cost	Amount
·····			TOTAL CA	ARRIED FORWARD	1,099,800.00
		-Two-way Audio: Supported -Suppression: Supported			
		-Sampling Rate: 8KHZ			
Í					
		Storage -Edge Storage: Micro SD, up to 256GB			
		-Edge Storage: Micro SD, up to 25666			
ļ					
		Network -Protocols: IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPOE, RTP,			
		RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP,			
		802.1x, SNMP, QoS			
		-Compatible Integration: ONVIF (Profile S, Profile G, Profile T), API			
		-Client: EZStation, EZView, EZLive -Web Browser: Plug-in required live view: IE9+, Chrome 41 and			
		below, Firefox 52 and below Plug-in free live view: Chorme			
		57.0+, Firefox 58.0+, Edge 16+, Safari 11+			
		Interface			
		-Audio I/O: Input: impedance 35k0Ω; amplitude 2V [p-p]			
		Output: impedance 600 Ω ; amplitude 2V [p-p]			
		-Alarm I/O: 1/1 -Network: 1 RJ45 10M/100M Base-TX Ethernet			
		Certifications Certifications: CE; EN 60950-1, UL; UL60950-1, FCC: FCC Part 15			
		General -Power: DC 12V±25%, PoE (IEEE 802.3af), Power consumption:			
		Max 8.0 W			
		-Material: Metal -Working Environment: -30°C ~ 60°C (-22°F ~ 140°F), Humidity:			
		≤95% RH (non-condensing)			
		-Strorage Environment: -30°C 60°C (-22°F~ 140°F), Humidity:			
		<95% RH (non-condensing) -Surge Protection: 6KV			
		-Ingress Protection: IP67			
		-Vandal Resistant: IK10) P	1,099,800.00
In case	e of failu	re to make the full delivery within the time specified above, a penalty			
day of delay	y shall be	e imposed.		(M)	
Checked an	d verifie	d by:	Very truly yo	ours, ///// '	
	ME	ELANIE A. JALOVER	DR. AMBRO		щ
	Head,	Procurement Services No. 2023-2319-1	President	;, USTI-System	
Conforme:		ENGEL R. MONTERO		/	
		MULTIFACTORS SALES			
		Signature over printed name of Supplier FEBRUARY 28, 2024			
		Date Date			
Funds Avail	lable:	LILIEETH N. GADIANE			
		ACCOUNTANT - EFF J			
		Signature Over Printed Name of Chief Accountant/	BOK/ODK	No. : 23-12-10	27
		Signature Over Printed Name of Chief Accountant/ Head of Accounting Division/Unit	Amount :	No. : 23-12-19 3,198, 600	1077 10



		PURCHASE ORDER			
			PRN: End-User Rep.:	USTP-GSPB-11-20 Dr. Jocelyn B. Bai	
				: USTP-CDO Camp	
Supplier		: MULTIFACTORS SALES	P.O. No. :	23-12-1350	
Address		: 0005 Juan C Legaspi St., Iligan City, Lanao Del Norte	Date :	December 28, 20	23
E-mail Add Telephone		: engelndmj@yahoo.com : (063) 225 - 4981 / 0917 - 711 - 3478	Mode of Procurem	ent: Public Bidding	
TIN		: 102 – 730 – 257 – 000 Proposed Procurement of the Supply, Delivery, Installation and C	ommissioning of IC	T Equipment for Lig	ghtweight Edge
Purpose Gentlen		Computer Vision Solution for Smart and Efficient Traffic Managem			
		ish this office the following articles subject to the terms and condition	ns contained herein	:	
		Contact Person for Delivery: SUPPLY OFFICE, USTP-CDO			
Place of De		: Campus, Lapasan, Misamis Oriental Contact No.: 0955-882-3099	Delivery Term :	Full Payment afte	r acceptance of
Date of De	livery	: Sixty (60) Calendar Days upon receipt of Notice to Proceed	Payment Term :	goods	
Stock No.	Unit	Description	Qty.	Unit Cost	Amount
			TOTAL CA	RRIED FORWARD	1,099,800.00
		CONTROL SYSTEM (POE) WITH SOLAR POWER BACK-UP SYSTEM INCLUDING INSTALLATION MATERIALS			
		OFFER: SUNSAVER MPPT " SOLAR CONTROLLER			
		Versions: SS-MPPT-15L			
		Electrical			
		-Peak efficiency: 97.5% -Nominal battery voltage: 12 or 24 volts			
		-Max. battery charging current: 15 amps			
		-Battery voltage range: 7-36 volts -Nominal Max. Output Power / Max Recommended Solar PV Input*			
		-12 volt battery – 200W/260W -24 volt battery – 400W/520W			
		-Max. PV open circuit voltage**: 60 volts (without damage to unit))		
		-Rated load current: 15 amps -Self consumption: 35 milliamps			
3	lot	-Transient surge protection: 4 x 1500 watts	4	119,900.00	479,600.00
		Environmental			
		-Operating temperature: -40°C to +60°C May derate above the following temperature = 50°C ***			
		-Storage temperature: -55°C to +100°C			
		-Humidity: 100% non-condensing -Tropicalization: Epoxy encapsulation conformal coating marine			
		rated terminals			
		Mechanical			
		-Power terminal: 16 mm2 / #6 AWG -Enclosure: Die cast aluminum with plastic cover			
		IP10, Type 1			
		Battery Charging			
		-Battery types: Gel, Sealed, AGM, Flooded -4 Stage charging: Bulk, absorption, float, equalize (optional)			
In cas	e of failur	TOTAL BRO re to make the full delivery within the time specified above, a penalty	OUGHT FORWARD v of one-tenth (1/10		1,579,400.00 nt for every
day of dela			,	$\partial 0$.	
Checked ar	nd verified	d by:	Very truly you	urs,	
			DR. AMBRO	SIO B GULTURA	ц
		Procurement Services	President,	, USTP Bystem	3
Conforme:		A/L-	2		
		ENGEL R. MONTERO MULTIFACTORS SALES			
		Signature over printed name of Supplier FEBRUARY 28, 2024			
Eurode Auro'	lable:	Date 11 110			
Funds Avai	able:	LILIFETHM. GADIANS ACCOUNTANT - EFPN			
		Signature Over Printed Name of Chief Accountant/ Head of Accounting Division/Unit	BUR/ObR Amount :	No. : 73-12-9 3,198,40	037
	C.M. R	tecto Avenue, Lapasan, Cagayan de Oro City 9000 Philippines, Tel. Nos. +63 (88) 856	1738; Telefax +63 (88)		
		Page 4 of 13		A16/23-	



University of Science and Technology of Southern Philippines Alubijid | Balubal | Cagayan de Oro | Claveria | Jasaan | Oroquieta | Panaon | Villanueva

		PURCHASE ORDER			
			PRN:	USTP-GSPB-11-20	
			End-User Rep.:	Dr. Jocelyn B. Ba	
			Location of Project		ous
Supplier		: MULTIFACTORS SALES	P.O. No. :	23-12-1350	~~
Address		: 0005 Juan C Legaspi St., Iligan City, Lanao Del Norte	Date :	December 28, 20	23
E-mail Ad Telephone TIN		: engelndmj@yahoo.com : (063) 225 - 4981 / 0917 - 711 - 3478 : 102 - 730 - 257 - 000	Mode of Procurem	ent: Public Bidding	
1111		Proposed Procurement of the Supply, Delivery, Installation and C	ommissioning of IC	T Equipment for Lie	ahtweight Edge
Purpose		Computer Vision Solution for Smart and Efficient Traffic Managem			
Gentle					
F	Please furni	sh this office the following articles subject to the terms and condition	ns contained herein		
Place of D		Contact Person for Delivery: SUPPLY OFFICE, USTP-CDO : Campus, Lapasan, Misamis Oriental Contact No.: 0955-882-3099	Delivery Term :	Full Payment afte	r acceptance of
Date of D	elivery	: Sixty (60) Calendar Days upon receipt of Notice to Proceed	Payment Term :	goods	
Stock No.	Unit	Description	Qty.	Unit Cost	Amount
	······		TOTAL CA	RRIED FORWARD	1,579,400.00
		Temperature compensation -Coefficient: -5mV/°C/cell (25°C ref) -Range: -30°C to +60°C -Set points: Absorption, float, equalize			
		INDUSTRIAL GRADE EMBEDDED PC SYSTEM			
5	unit	 OFFER: NANO-N3322 Features: -All aluminum structure; -Onboard Intel Core 12th intelligent processor; -Support 3*HDMI 4K display port, Supports synchronous and asynchronous three display; -Support WIFI + 4G/5G in same time with 3*M.2 slot; -Support 2*COM (support 2*RS232/RS485 mode); -Support DC 12V input; -Applicable system: Windows 10 Compatible, Windows 11, Linux Parameter: -Chassis color: Metallic Grey (Colors can be freely customized) -Material: High quality all aluminium, Onboard Intel Core i3 1215U (six core eight threads, Turbo, 4.4 GHz) -Processor: Onboard Intel Core i5 1235U (ten core twelve threads. Turbo. 4.4 GHz), Onboard Intel Core i7 1255U (ten core twelve threads. Turbo. 4.7 GHz) -Memory: Support 1*DDR5 4800 SODIMM memory slot. Max. 32 GB -BIOS: AMI EFI BIOS -Display chip: Intel(R) UHD Graphics -Display chip: Intel(R) UHD Graphics -Display chip: Intel(R) UHD Graphics -Display port: 3 HDMI with 4K, Support Synchronous or asynchronous display. Max.4096x2160@Hz -Front I/O: 2 COM support RS232/RS485,1*SIM slot, 4*USB3.1,1*Power button -Rear I/O: 1*DC port, 3 HDMI, 3*Intel 2.5G Lan, 2*RJ45, 1*audio interface(2-in-1),4 Antenna holes -Expansion slot: Support 1*M.2 2280 M-Key slot (NVME) Support 1*M.2 3052 B-key slot (USB3.0 signal, support 4G/5G), 		109,900.00	439,600.00
			DUGHT FORWARD	P	2,019,000.00
		e to make the full delivery within the time specified above, a penalty			
day of de	lay shall be	e imposed.		n.	
Checked a	and verified	d by: W	Very truly yo	urs,	
		LANINA. JALOVER	DR. AMBRO		п
	Head,	Procurement Services No. 2023-2319-1	President	, USTP-System	Pr .
Conforme		ENGEL Ř. MONTERO	V		
		MULTIFACTORS SALES			
	10	Signature over printed name of Supplier FEBRUARY 28, 2024			
Funds Ava	ailable:	LILIEETHON. GADIANS			
		ACCOUNTANT - EFP/ Signature Over Printed Name of Chief Accountant/ Head of Accounting Division/Unit	BUR/ObR Amount :		
	C.M. R	ecto Avenue, Lapasan, Cagayan de Oro City 9000 Philippines, Tel. Nos. +63 (88) 856 Page 5 of 13	1738; Telefax +63 (88)	856 4696 / www.ustp. 4(4/23-10	***************************************



		PURCHASE ORDER			
			PRN:	USTP-GSPB-11-20	
			End-User Rep.:	Dr. Jocelyn B. Bar	
			1	t: USTP-CDO Camp	Jus
Supplier		: MULTIFACTORS SALES		23-12-1350	22
Address		: 0005 Juan C Legaspi St., Iligan City, Lanao Del Norte	Date :	December 28, 20	23
E-mail Ado Telephone TIN		: engelndmj@yahoo.com : (063) 225 - 4981 / 0917 - 711 - 3478 : 102 - 730 - 257 - 000	Mode of Procurem	ent: Public Bidding	
Purpose		Proposed Procurement of the Supply, Delivery, Installation and C Computer Vision Solution for Smart and Efficient Traffic Managem	ommissioning of IC nent CY 2023	T Equipment for Lig	ghtweight Edge
Gentle	men:				
Р	lease furni	sh this office the following articles subject to the terms and condition	ns contained herein	1:	
Place of D	elivery	Contact Person for Delivery: SUPPLY OFFICE, USTP-CDO : Campus, Lapasan, Misamis Oriental Contact No.: 0955-882-3099	Delivery Term :	Full Payment afte	r accentance of
Date of De	elivery	: Sixty (60) Calendar Days upon receipt of Notice to Proceed	Payment Term :	goods	
Stock No.	Unit	Description	Qty.	Unit Cost	Amount
	·····		TOTAL CA	RRIED FORWARD	2,019,000.00
		External SIM card slot Support 1*2230 E-key slot (support WIFI, Bluetooth)			
		-Network: 3*Intel i225-V 2.5G Lan			
	2 5 6 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	-Storage: Support 1*M.2 2280 slot, 1*2.5inch HDD			
		-Input: Support DC 12V input -Other functions: Power-on, timed startup, network wake up, PXE			
		startup, watchdog (level 0-255), TPM2.0 security encryption			
		-Working temp.: 0°C +40°C (business HDD), -20°C +50°C (industrial SSD). Surface air flow			
		-Working humidity: 5% 95% Non-condensing state			
		-Certification: CE,CCC,FCC Class A,RoHS			
		-Application: Industrial Control, Industrial Automation, Robot, IoT gateway, Edge computing, Machine Vision, AGV/ARM, etc.			
		INDUSTRIAL LORA WAN GATEWAY PLUS LTE		-	
		OFFER: WEBDYN			
		-Sensitivity (-168dB) -Low consuption (end points ~ 10 years battery) -Long distances (up to 20 km direct view) -Frequencies: 915Mhz America/Australia, 868 Europa, India, Russia and Africa, 433 Asia			
		-Low throughput 3 node types			
6	unit	-Class A; Most common, RX window only after TX, Best consuption performance -Class B: RX Windows agreed with the Gateway, Not too much	4	109,900.00	439,600.00
		applications -Class C: Listen window always open, TX only when it is needed, High consuption. Power supply needed.			
		WebdynEasy LoRaWAN			
		-3G HSPA+, UMTS (B1, B8)			
		-4G: Cat-1, Bands B1, B3, B7, B8, B20, B28 -Ethernet 10/100Mbits/s			
		-LoRaWAN (863-870 MHz)			
			OUGHT FORWARD		2,458,600.00
:		e to make the full delivery within the time specified above, a penalty	y of one-tenth (1/1	0) of one (1) perce	nt for every
	ay shall be				
Checked a	and verified	d by:	Very truly yo	urs, , ,	
	ME	LANIE A. JALOVER	DR. AMBRO	SIO B CULTURA	ц
		Procurement Services	President	, USP-System	Se la
		-11			
Conforme	:	ENGEL R. MONTERO			
		Signature over printed name of Supplier FEBRUARY 28, 2024			
Funds Ava	ailable:	LILIEE HM. GADIANS			
		ACCOUNTANT - EFP			
		Signature Over Printed Name of Chief Accountant/ Head of Accounting Division/Unit	BUR/ObR Amount :	No. : 23-12- 3,198,40	- 1 <i>037</i> 0.00
	C.M. R	ecto Avenue, Lapasan, Cagayan de Oro City 9000 Philippines, Tel. Nos. +63 (88) 856	1738; Telefax +63 (88)) 856 4696 / www.ustp	.edu.ph
		Page 6 of 13			-10-237



University of Science and Technology of Southern Philippines Alubijid | Balubal | Cagayan de Oro | Claveria | Jasaan | Oroquieta | Panaon | Villanueva

		PURCHASE ORDER			
			PRN:	USTP-GSPB-11-20	
			End-User Rep.:	Dr. Jocelyn B. Bar t: USTP-CDO Camp	
Supplier		: MULTIFACTORS SALES	1	23-12-1350	45
Address		: 0005 Juan C Legaspi St., Iligan City, Lanao Del Norte	Date :	December 28, 202	23
E-mail Add	tress	; engelndmj@yahoo.com			
Telephone TIN		: (063) 225 - 4981 / 0917 - 711 - 3478 : 102 - 730 - 257 - 000	Mode of Procurem	ent: Public Bidding	
Purpose		Proposed Procurement of the Supply, Delivery, Installation and C Computer Vision Solution for Smart and Efficient Traffic Managen	ommissioning of IC nent CY 2023	T Equipment for Lig	ghtweight Edge
Gentle	men:				
Р	lease furni	ish this office the following articles subject to the terms and conditio	ns contained herein	:	
Place of D	elivery	Contact Person for Delivery: SUPPLY OFFICE, USTP-CDO : Campus, Lapasan, Misamis Oriental Contact No.: 0955-882-3099	Delivery Term :		
Date of De	elivery	: Sixty (60) Calendar Days upon receipt of Notice to Proceed	Payment Term :	Full Payment afte goods	r acceptance or
Stock No.	Unit	Description	Qty.	Unit Cost	Amount
	1			RRIED FORWARD	2,458,600.00
		-LoRaWAN (863-870 MHz)			
		-1 port RS485/RS422 -Modbus RTU/TCP			
		-FTP/s HTTP/s			
		-Configuration file format: XML			
		-Data file formats: XML/JSON -SMS			
		-Packet Forwarder Class A, B, C -Embedded LoRaWAN server Class A			
		Chronothe and honofite			
		Strengths and benefits -Embedded LoRaWAN server			
		-Modbus RTU/TCP			
		-IP67. Indoor/Outdoor			
		-Remote configuration (without IP Public) -Reduce maintenance cost			
	* * * *	-OpenVPN 2.5.5			
		-Platform independent. Only FTP server			
		-Alarm reporting			
		-Easy massive configuration/update deployment -Price and lability			
LOT 2 - C	OMPUTE	R SERVER/LAPTOP (P740,000.00)			
		COMMAND CENTER SERVER WITH COMPLETE POWER BACK- UP AND MONITORING			
		OFFER: TV - LG UN73			
		DISPLAY			
		-Display Type: 4K UHD			
2	lot	-Screen Size: 50 -Resolution: 3840 x 2160	1	500,000.00	500,000.00
		-BLU Type: Direct			
		-TruMotion / Refresh Rate: 60FPS/TM120			
		VIDEO (PICTURE QUALITY) -Processor: Quad Core Processor 4K			
		-Image Enhancing			
		TOTAL BR	OUGHT FORWARE	P	2,958,600.00
		re to make the full delivery within the time specified above, a penalt	y of one-tenth (1/1	0) of one (1) perce	nt for every
day of del	ay shall be	e imposed		\mathcal{N}	
Checked a	and verified	d by:	Very truly yo	urs,	
	ME	LANIE A. JALOVER	DR. AMBRO	SIOPLULTURA	п
	Head,	Procupement Services	President		B
	PR	No. 2023-2319-1			- /
Conforme	:	ENGEL R. MONTERO		•	
		Signature over printed name of Supplier FEBRUARY 28, 2024			
Euroda A	laklar	Date WWW. GADIANS			
Funds Ava	anable:	ACCOUNTANT - EFP			
		Signature Over Printed Name of Chief Accountant/ Head of Accounting Division/Unit	BUR/ObR Amount :	4	037 10,00
	C.M. F	Recto Avenue, Lapasan, Cagayan de Oro City 9000 Philippines, Tel. Nos. +63 (88) 856 Page 7 of 13	5 1738; Telefax +63 (88) 856 4696 / www.ustp	edu.ph



	PURCHASE ORDER			
		PRN:	USTP-GSPB-11-2	
		End-User Rep.:	Dr. Jocelyn B. Ba	
Cumpling			t: USTP-CDO Cam	pus
Supplier	: MULTIFACTORS SALES	P.O. No. :	23-12-1350	22
Address	: 0005 Juan C Legaspi St., Iligan City, Lanao Del Norte	Date :	December 28, 20	23
E-mail Address Telephone No.	: engelndmj@yahoo.com : (063) 225 - 4981 / 0917 - 711 - 3478	Mode of Procurem	ent: Public Bidding	3
TIN	: 102 - 730 - 257 - 000	5		
Purpose	Proposed Procurement of the Supply, Delivery, Installation and C Computer Vision Solution for Smart and Efficient Traffic Manager		T Equipment for Li	ghtweight Edge
Gentlemen:				
Please furn	ish this office the following articles subject to the terms and conditio	ons contained hereir	n:	
Place of Delivery	Contact Person for Delivery: SUPPLY OFFICE, USTP-CDO : Campus, Lapasan, Misamis Oriental Contact No.: 0955-882-3099	Delivery Term :		
Date of Delivery	: Sixty (60) Calendar Days upon receipt of Notice to Proceed	Payment Term :	Full Payment afte goods	er acceptance of
Stock No. Unit	Description	Qty.	Unit Cost	Amount
		TOTAL CA	ARRIED FORWARD	2,958,600.00
	-HDR: Active HDR			
	-HDR10 Pro: Yes (4K/2K) -HLG: Yes (4K/2K)			
	-FILMMAKER MODE™: Yes			
	-HDR Effect: Yes(4K/2K)			
	-Dynamic Tone Mapping / Pro: HDR Dynamic Tone Mapping			
	-Dimming Algorithm: LG Local Contrast -Upscaler: 4K Upscaler			
	-HEVC (Video Decoder): 4K@60P, 10bit			
	-VP9 (Video Decoder): 4K@60P, 10bit			
	-AV1: 4K@60P, 10bit			
	-HGIG Mode: Yes (MR) -Instant Game Response (ALLM) Yes			
	-Picture Mode: Yes 10 modes (Vivid, Standard, Eco, Cinema,			
	Sports, -Game, HDR Effect, Filmmaker, (ISF)Expert(Bright Room),			
	(ISF)Expert (Dark Room))			
	AUDIO			
	-Speaker (Sound Output): 20W (10W per Channel)			
	-Channel: 2.0ch -Direction: Down Firing			
	-Simultaneous Audio Output: Yes			
	-Al Sound / Pro: Al Sound			
	-Al Acoustic Tuning: Yes			
	-Surround Mode: ULTRA Surround			
	-Clear Voice: Clear Voice III			
	-Bluetooth Surround Ready: Yes (Required Bluetooth) -LG Sound Sync: Yes (Required Bluetooth)			
	-Auto Notification (Bluetooth easy paring): Yes (Required			
	Bluetooth)			
	-Sound Share: Yes			
	-Audio Codec: AC4, AC3(Dolby Digital), EAC3, HE-AAC, AAC, MP2, MP3, PCM, WMA, apt-X			
	мрз, РСм, WMA, арс-х			
	AI FUNCTION			
	-ThinQ: Yes			
	-Intelligent Voice Recognation: Yes -Speech to Text: Yes			
) P	2,958,600.00
	e to make the full delivery within the time specified above, a penalty	y of one-tenth (1/1	0) of one (1) perce	nt for every
day of delay shall be	e imposed.		Mr.	
Checked and verifie	d by:	Very truly yo	urs,	
ME		DR. AMBRO		**
	Procurement Services	President		ġ.
PR	No. 2023-2319-1			2-
Conforme:	ENGEL R. MONTERO			
	MULTIFACTORS SALES			
	Signature over printed name of Supplier			
	FEBRUARY 28, 2024			
Funds Available:	LILIEETH W. GADIANS			
	ACCOUNDANT - EFP.			
	Signature Over Printed Name of Chief Accountant/ Head of Accounting Division/Unit	BUR/ObR Amount :	No. : 23-12-1 3,198,4	1037 10.10
C.M. R	ecto Avenue, Lapasan, Cagayan de Oro City 9000 Philippines, Tel. Nos. +63 (88) 856			
	Page 8 of 13		414/23-	



		PURCHASE ORDER			
			PRN: End-User Rep.:	USTP-GSPB-11-20 Dr. Jocelyn B. Barl t: USTP-CDO Camp	bosa
Supplier		: MULTIFACTORS SALES		23-12-1350	
Address		: 0005 Juan C Legaspi St., Iligan City, Lanao Del Norte	Date :	December 28, 202	3
-mail Addro	ess	; engelndmj@yahoo.com		ante Dublia Diddina	
elephone N		: (063) 225 - 4981 / 0917 - 711 - 3478	Mode of Procurem	ent: Public Bidding	
IN		: 102 - 730 - 257 - 000			
urpose		Proposed Procurement of the Supply, Delivery, Installation and Computer Vision Solution for Smart and Efficient Traffic Manag		T Equipment for Lig	htweight Edge
Gentlem					
Ple	ase furni	sh this office the following articles subject to the terms and condi	itions contained herein	:	
Place of Del	ivery	Contact Person for Delivery: SUPPLY OFFICE, USTP-CDO : Campus, Lapasan, Misamis Oriental Contact No.: 0955-882-3099	Delivery Term :		
Date of Deli	ivery	: Sixty (60) Calendar Days upon receipt of Notice to Proceed	Payment Term :	Full Payment after goods	acceptance of
Stock No.	Unit	Description	Qty.	Unit Cost	Amount
			TOTAL CA	RRIED FORWARD	2,958,600.00
		-LG Voice Search: Yes			
		-Google Assistant: Yes			
		-Amazon Alexa: Yes			
		-AI UX: Yes -AI Home: Yes			
		-Al Recommendation (AI): Yes			
		-Intelligent Edit: Yes			
		-Home Dashboard: Yes			
		-Auto Device Detection: Yes			
		-Smart Speaker Compatible: Yes			
		-Google Home Connection: Yes -Amazon Echo Connection: Yes			
		-LG ThinQ: Yes			
		-LG Smart Speaker (WK7,WK9): Yes			
		-Mobile Connectivity: Yes			
		-ThinQ App: Yes			
		SMART FUNCTION			
		-Operating System (OS): webOS Smart TV			
		-Number of CPUs: Quad -Magic Remote Control: Built-In			
		-Quick Access: Yes			
		-Universal Control: Yes			
		-360° VR Play: Yes			
		-Related Content Search: Yes			
		-LG Store: Yes			
		-DIAL: Yes -Web Browser: Yes			
		-Music Player: Yes			
		-TV On With Mobile: Yes			
		-Wi-Fi TV On: Yes			
		-Bluetooth Low Energy On: Yes (required Bluetooth)			
		-Network File Browser: Yes			
ļ		-Block access to harmful site: Yes -Hotel Mode: Yes			
		-Hotel Mode: Yes -Sports Alert: Yes			
1					
		-Music Discovery: Yes			
		-Music Discovery: Yes		P	2,958,600.00
		-Music Discovery: Yes TOTAL I e to make the full delivery within the time specified above, a pen		1 1	
lay of delay	y shall be	-Music Discovery: Yes TOTAL I e to make the full delivery within the time specified above, a pen imposed.	alty of one-tenth (1/10	0) of one (1) percer	
lay of delay	y shall be	-Music Discovery: Yes TOTAL I e to make the full delivery within the time specified above, a pen imposed.		0) of one (1) percer	
lay of delay	y shall be d verified	-Music Discovery: Yes TOTAL I e to make the full delivery within the time specified above, a pen imposed.	alty of one-tenth (1/10	urs	
lay of delay	y shall be d verified ME Head,	-Music Discovery: Yes TOTAL I e to make the full delivery within the time specified above, a pen imposed. I by: LANIEA. JALOVER Procurement Services	alty of one-tenth (1/10 Very truly yo	urs	2,958,600.00 It for every
lay of delay	y shall be d verified ME Head,	-Music Discovery: Yes TOTAL I e to make the full delivery within the time specified above, a pen imposed. I by: LANIEA. JALOVER	alty of one-tenth (1/10 Very truly yo DR. AMBRO	urs	
In case day of delay Checked and Conforme:	y shall be d verified ME Head,	-Music Discovery: Yes TOTAL I e to make the full delivery within the time specified above, a pen imposed. I by: LANIEA. JALOVER Procurement Services	alty of one-tenth (1/10 Very truly yo DR. AMBRO	urs	
day of delay Checked and	y shall be d verified ME Head,	-Music Discovery: Yes TOTAL I e to make the full delivery within the time specified above, a pen imposed. I by: LANIFA. JALOVER Procurement Services No. 2023-2319-1 ENGEL R. MONTERO MULTIFACTORS SALES	alty of one-tenth (1/10 Very truly yo DR. AMBRO	urs	
day of delay Checked and	y shall be d verified ME Head,	-Music Discovery: Yes TOTAL I e to make the full delivery within the time specified above, a pen imposed. I by: LANITA. JALOVER Procurement Services No. 2023-2319-1 ENGEL R. MONTERO MULTIFACTORS SALES Signature over printed name of Supplier	alty of one-tenth (1/10 Very truly yo DR. AMBRO	urs	
day of delay Checked and	y shall be d verified ME Head,	-Music Discovery: Yes TOTAL I e to make the full delivery within the time specified above, a pen imposed. I by: LANIF A. JALOVER Procurement Services No. 2023-2319-1 ENGEL R. MONTERO MULTIFACTORS SALES Signature over printed name of Supplier FEBRUARY 28, 2024 Date	alty of one-tenth (1/10 Very truly yo DR. AMBRO	urs	
lay of delay Checked and	y shall be d verified Head, PR	-Music Discovery: Yes TOTAL I e to make the full delivery within the time specified above, a pen imposed. I by: LANIF A. JALOVER Procurement Services No. 2023-2319-1 ENGEL R. MONTERO MULTIFACTORS SALES Signature over printed name of Supplier FEBRUARY 28, 2024 Date	alty of one-tenth (1/10 Very truly yo DR. AMBRO	urs	
lay of delay Checked and Conforme:	y shall be d verified Head, PR	-Music Discovery: Yes TOTAL I e to make the full delivery within the time specified above, a pen imposed. I by: LANIFA. JALOVER Procurement Services No. 2023-2319-1 ENGEL R. MONTERO MULTIFACTORS SALES Signature over printed name of Supplier FEBRUARY 28, 2024 Date MULTIFETH M. GADIANS	alty of one-tenth (1/10 Very truly yo DR. AMBRO	urs	
lay of delay Checked and Conforme:	y shall be d verified Head, PR	-Music Discovery: Yes TOTAL I e to make the full delivery within the time specified above, a pen imposed. I by: LANIFA. JALOVER Procurement Services No. 2023-2319-1 ENGEL R. MONTERO MULTIFACTORS SALES Signature over printed name of Supplier FEBRUARY 28, 2024 Date LILIFETH M. GADIANS ACCOUNTANT - EFPN	alty of one-tenth (1/10 Very truly you DR. AMBRO President,	o) of one (1) percer urs, SIGB CULTURA I	It for every
lay of delay Checked and Conforme:	y shall be d verified Head, PR	-Music Discovery: Yes TOTAL I e to make the full delivery within the time specified above, a pen imposed. I by: LANIFA. JALOVER Procurement Services No. 2023-2319-1 ENGEL R. MONTERO MULTIFACTORS SALES Signature over printed name of Supplier FEBRUARY 28, 2024 Date MULTIFETH M. GADIANS	alty of one-tenth (1/10 Very truly you DR. AMBRO President,	urs	It for every



		PURCHASE ORDER			
			PRN: End-User Rep.:	USTP-GSPB-11-20 Dr. Jocelyn B. Bar t: USTP-CDO Camp	bosa
Supplier		: MULTIFACTORS SALES	1	23-12-1350	
ddress		: 0005 Juan C Legaspi St., Iligan City, Lanao Del Norte	Date :	December 28, 202	23
-mail Addr	ess	: engeIndmj@yahoo.com	Mode of Procurem	ent: Public Bidding	
elephone N	No.	: (063) 225 - 4981 / 0917 - 711 - 3478	Houe of Frocurent	enc. Fublic bludnig	
IN		: 102 - 730 - 257 - 000			htuniaht Edao
Purpose		Proposed Procurement of the Supply, Delivery, Installation and Computer Vision Solution for Smart and Efficient Traffic Manage		i Equipment for Lig	intweight Eage
Gentlem		ish this office the following articles subject to the terms and condit	ions contained herein		
PIE	ease rurn	Contact Person for Delivery: SUPPLY OFFICE, USTP-CDO	ions contained herein		
lace of Del	livery	: Campus, Lapasan, Misamis Oriental Contact No.: 0955-882-3099	Delivery Term :		
Date of Del	ivery	: Sixty (60) Calendar Days upon receipt of Notice to Proceed	Payment Term :	Full Payment after goods	r acceptance of
Stock No.	Unit	Description	Qty.	Unit Cost	Amount
			TOTAL CA	RRIED FORWARD	2,958,600.00
		BROADCASTING SYSTEM -Digital TV Reception (Terrestrial, Cable, Satellite): Yes -Terrestrial: ISDB-T -Analog TV Reception: Yes -[ATSC] Closed Caption: Yes -EPG (8 days): Yes			
		CONNECTIVITY -Screen Share: Yes -HDMI: 1 (Rear)/2 (Side) -Version: HDMI 2.0 -Simplink (HDMI CEC): Yes -eARC/ARC (Audio Return Channel): ARC (HDMI 2) -USB: 1 (Rear)/1 (Side) -LAN: Yes (Rear) -Component: Yes (Rear, Gender Type) -Composite In (AV): Yes (Rear, Gender Type) -RF In: 1 (RF) -SPDIF (Optical Digital Audio Out): Yes (Rear) -Wifi: Yes (802.11ac) -Bluetooth: Yes (V5.0) POWER & GREEN -Power Supply: AC~100-240V 50-60Hz -Standby Power Consumption: Under 4W -Energy saving Mode: Yes -Energy Standard: Yes ACCESSORY -Remote: MR20 -Battereis: Yes (AA x 2EA) -Power Cable: Yes (TV Detached) ADDITIONAL FEATURE -OSD Language: 26 Languages			
		-Time Machine (DVR): Yes -Digital Recording: Yes			
		-Analog DVR: Yes			
In case	e of failu	TOTAL B re to make the full delivery within the time specified above, a pena	ROUGHT FORWARD		2,958,600.00
day of delay					in the stary
Checked an	nd verifie	d by: h	Very truly yo	urs,//////	
				1/ Jen	
	Head,	Procurement Services	DR. AMBRO President		
Conforme:		ENGEL R. MONTERO MULTIFACTORS SALES Signature over printed name of Supplier		,	
		FEBRUARY 28, 2024			
Funds Ayail	lable:	LILIFETHM. GADIANS ACCOUNTANT - EFP			
		Signature Over Printed Name of Chief Accountant/	BUR/ObR	No.: 23-12-1 3,148,400.	37
		Head of Accounting Division/Unit	Amount :	3,198,400.	00



	PURCHASE ORDER			
		PRN: End-User Rep.:	USTP-GSPB-11-20 Dr. Jocelyn B. Bar	
		1	: USTP-CDO Camp	ous
Supplier	: MULTIFACTORS SALES	P.O. No. :	23-12-1350	
Address	: 0005 Juan C Legaspi St., Iligan City, Lanao Del Norte	Date :	December 28, 20	23
E-mail Address Telephone No. TIN	: engelndmj@yahoo.com : (063) 225 - 4981 / 0917 - 711 - 3478 : 102 - 730 - 257 - 000	Mode of Procurem	ent: Public Bidding	
Purpose	Proposed Procurement of the Supply, Delivery, Installation and Co Computer Vision Solution for Smart and Efficient Traffic Managem		T Equipment for Lig	ghtweight Edge
Gentlemen:				
Please f	furnish this office the following articles subject to the terms and condition	ns contained herein	:	
Place of Delivery	Contact Person for Delivery: SUPPLY OFFICE, USTP-CDO : Campus, Lapasan, Misamis Oriental Contact No.: 0955-882-3099	Delivery Term :		
Date of Delivery	: Sixty (60) Calendar Days upon receipt of Notice to Proceed	Payment Term :	Full Payment afte goods	r acceptance of
Stock No. Un	it Description	Qty.	Unit Cost	Amount
	-Time Shift: Yes	TOTAL CA	RRIED FORWARD	2,958,600.00
	OFFER: SERVER - DELL POWEREDGE R250			
	Feature			
	-Processor: One Intel Xeon E-2300 series processor with up to 8			
	cores or one Intel Pentium processor with up to 2 cores -Memory: Four DDR4 DIMM slots, supports UDIMM 128 GB max,			
	speeds up to 3200 MT/s; Supports unregistered ECC DDR4 DIMMs			
	only; Note: For Pentium processor, the maximum memory speed			
	is 2666 MT/s			
	-Storage controllers: Internal controllers: PERC H345, H755, HBA355i, S150 Internal Boot; Internal Dual SD Module or USB or			
	Boot Optimized Storage Subsystem (BOSS-S1): HWRAID 2 x M.2			
	SSDs External HBAs (non-RAID): HBA355e			
	-Drive bays: Front bays: Up to 4 x 3.5-inch hot swap SAS/SATA			
	(HDD/SSD) max 30.72 TB Up to 2 x 3.5-inch cabled SAS/SATA (HDD/SSD) max 15.36 TB Up to 4 x 3.5-inch cabled SAS/SATA			
	(HDD/SSD) max 13.36 FB 00 to 4 x 3.3-men cabled 3A3/3ATA (HDD/SSD) max 30.72 TB			
	-Power supplies: 450 W Bronze 100-240 V AC, cabled 450 W			
	Platinum 100-240 V AC, cabled 700 W Titanium 200-240 VAC,			
	cabled 700 W Titanium 240 V DC, cabled			
	-Cooling options: Air cooling			
	-Fans: Up to four cabled fans -Form Factor: 1U rack server			
	-Embedded management: iDRAC9; iDRAC Direct; iDRAC RESTful			
	API with Redfish; IDRAC Service Manual			
	-Bezel: Optional bezel or security bezel			
	-OpenManage Software: OpenManage Enterprise; OpenManage			
	Power Manager plugin; OpenManage SupportAssist plugin; OpenManage Update Manager plugin			
	-Mobility: OpenManage Mobile			
	-Integrations and Connections: OpenManage Integrations: BMC			
	Truesight, Microsoft System Center, Red Hat Ansible Modules,			
	VMware vCenter and vRealize Operations Manager OpenManage Connections: IBM Tivoli Netcool/OMNIbus; IBM Tivoli Network			
	Manager IP Edition, Micro Focus Operations Manager, Nagios Core,			
	Nagios XI			
		OUGHT FORWARD		2,958,600.00
	ailure to make the full delivery within the time specified above, a penalty	y of one-tenth (1/1	0) of one (1) perce	nt for every
day of delay sha	ii be imposed.		().	
Checked and ver	rified by:	Very truly yo	urs, // // ,	
	MELANIHA. JALOVER	DR. AMBRO	SIG B CULTURA	п
He	ad, Procurement Services PR No. 2023-2319-1	President		
Conforme:	ENGEL R. MONTERO	·		
	MULTIFACTORS SALES Signature over printed name of Supplier FEBRUARY 28, 2024			
	Date Unit			
Funds Available:	Bard has I be be provide the second s			
	ACCOUNTANT - EFOL			
	Signature Over Printed Name of Chief Accountant/ Head of Accounting Division/Unit	Amount :	,,.	
С	.M. Recto Avenue, Lapasan, Cagayan de Oro City 9000 Philippines, Tel. Nos. +63 (88) 856 Page 11 of 13	1738; Telefax +63 (88)	856 4696 / www.ustp.	edu.ph • IO- 137



		PURCHASE ORDER			
			PRN:	USTP-GSPB-11-20	
			End-User Rep.:	Dr. Jocelyn B. Baı t: USTP-CDO Camp	
Supplier		: MULTIFACTORS SALES	1	23-12-1350	Jus
Address		: 0005 Juan C Legaspi St., Iligan City, Lanao Del Norte	Date :	December 28, 20	23
E-mail Add	dress	; engelndmj@yahoo.com			
Telephone TIN		: (063) 225 - 4981 / 0917 - 711 - 3478 : 102 - 730 - 257 - 000	Mode of Procurem	ent: Public Bidding	
Purpose		Proposed Procurement of the Supply, Delivery, Installation and Co Computer Vision Solution for Smart and Efficient Traffic Managem	ommissioning of IC nent CY 2023	T Equipment for Li	ghtweight Edge
Gentle	emen:				
Р	Please furn	sh this office the following articles subject to the terms and condition	ns contained hereir	ו: 	
Place of D	elivery	Contact Person for Delivery: SUPPLY OFFICE, USTP-CDO : Campus, Lapasan, Misamis Oriental Contact No.: 0955-882-3099	Delivery Term :	Full Payment afte	r acceptance of
Date of De	elivery	: Sixty (60) Calendar Days upon receipt of Notice to Proceed	Payment Term :	goods	
Stock No.	Unit	Description	Qty.	Unit Cost	Amount
			TOTAL CA	ARRIED FORWARD	2,958,600.00
		-Security: Cryptographically signed firmware; Secure Boot; Secure Erase; Silicon Root of Trust; System Lockdown (requires iDRAC9 Enterprise or Datacenter); TPM 1.2/2.0 FIPS, CC-TCG certified, TPM 2.0 China NationZ -Embedded NIC: 2 x 1 GbE LOM -Ports: Front Ports; 1 x USB 2.0, 1 x IDRAC Direct (Micro-AB USB) port Internal Ports: 1 x USB 3.0 (optional) Rear Ports: 1 x USB 2.0, 1 x iDRAC ethernet port, 1 x USB 3.0, 1 x VGA, 1 x Serial port - PCle: 2 PCIe slots: 1 x8 Gen4 (x16 connector) low profile, half length 1 x8 Gen4 (x8 connector); low profile, half length -Operating System and Hypervisors: Canonical Ubuntu Server LTS; Microsoft Windows Server with Hyper-V; SUSE Linux Enterprise Server; VMware ESXi (support only from Dec'21); Red Hat Enterprise Linux;			
4	unit	 OFFER: ASUS ZENBOOK S 13 OLED UX5304VA-NQ062WS -Color: Basalt Grey -Operating System: Windows 11 Home - ASUS recommends Windows 11 Pro for business -Processor: Intel Core i5-1335U Processor 1.3 GHz (12MB Cache, up to 4.6 GHz, 10 cores, 12 Threads) -Graphics: Intel Iris Xe Graphics -Display: 13.3-inch, 2.8K (2880 x 1800) OLED 16:10 aspect ratio, 0.2ms response time, 60Hz refresh rate, 550nits HDR peak brightness, 100% DCI-P3 color gamut, 1,000,000:1, VESA CERTIFIED Display HDR True Black 500, 1.07 billion colors, PANTONE Validated, Glossy display, 70% less harmful blue light, TÜV Rheinland-certified, SGS Eye Care Display, Non- touch screen, (Screen-to-body ratio)85% -Memory: 16GB LPDDR5 on board -Storage: 512GB M.2 NVMe PCIE 4.0 SSD -I/O Ports: 1x USB 3.2 Gen 2 Type-A, 2x Thunderbolt 4 supports display/power delivery, 1x HDMI 2.1 TMDS, 1x 3.5mm Combo Audio Jack 		80,000.00	240,000.00
In co	se of failur	TOTAL BRO to make the full delivery within the time specified above, a penalty	OUGHT FORWARD		3,198,600.00
1	lay shall be				and for every
	and verified		Very truly yo	urs, / / ·	
	Head,	LANIE A. JALOVER Proculement Services No. 2023-2319-1	DR. AMBRO President		F.
Conforme	:	ENGEL R. MONTERO	4	v 🗸	
		MULTIFACTORS SALES Signature over printed name of Supplier FEBRUARY 28, 2024			
Funds Ava	ailable:	Date CADIANS			
		Signature Over Printed Name of Chief Accountant/ Head of Accounting Division/Unit	BUR/ObR Amount :	No. : 3,198,60	1037 20.10
	C.M. R	ecto Avenue, Lapasan, Cagayan de Oro City 9000 Philippines, Tel. Nos. +63 (88) 856 Page 12 of 13	1738; Telefax +63 (88)		edu.ph



	PURCHASE ORDER			
		PRN:	USTP-GSPB-11-20	
		End-User Rep.:	Dr. Jocelyn B. Bar t: USTP-CDO Camp	
Cuppling			23-12-1350	us
Supplier	: MULTIFACTORS SALES		December 28, 202	22
Address	: 0005 Juan C Legaspi St., Iligan City, Lanao Del Norte : engelndmj@yahoo.com	Date :	December 26, 202	25
E-mail Address Telephone No. TIN	: (063) 225 - 4981 / 0917 - 711 - 3478 : 102 - 730 - 257 - 000	Mode of Procurement: Public Bidding		
Purpose	Proposed Procurement of the Supply, Delivery, Installation and C Computer Vision Solution for Smart and Efficient Traffic Managem	ommissioning of IC nent CY 2023	T Equipment for Lig	phtweight Edge
Gentlemen:				
Please furn	ish this office the following articles subject to the terms and conditio	ns contained hereir	1:	
Contact Person for Delivery: SUPPLY OFFICE, USTP-CDO Place of Delivery : Campus, Lapasan, Misamis Oriental Contact No.: 0955-882-3099		Delivery Term : Full Payment after acceptance of		
Date of Delivery	: Sixty (60) Calendar Days upon receipt of Notice to Proceed	Payment Term :	goods	
Stock No. Unit	Description	Qty.	Unit Cost	Amount
		TOTAL CA	RRIED FORWARD	3,198,600.00
	-Keyboard and Student: Backlit Chiclet Keyboard, 1.1mm Key-			
	travel, Touchpad -Camera: FHD camera with IR function to support Windows Hello -Audio, Smart Amp Technology -Built-in speaker			
	-Built-in array microphone			
	-harman/kardon (Premium),			
	-with Cortana voice-recognition support -Network and Communication: Wi-Fi 6E (802.11ax) (Dual band)			
	2*2+ Bluetooth 5.3 Wireless Card			
	-Battery: 63WHrs, 2S2P, 4-cell Li-ion			
	-Power Supply: TYPE-C, 65W AC Adapter, Output: 20V DC, 3.25A, 65W, Input: 100-240V AC 50/60GHz universal			
	-Built-in Apps, MYASUS ScreenXpert GlideX			
	-Military Grade: US MIL-STD 810H military-grade standard			
	-Security, Trusted Platform Module (TPM) 2.0, McAfee LiveSafe, IR webcam with Windows Hello support			
	Nothing Follow			
GRAND TOTAL: T	TREE MILLION ONE HUNDRED NINETY-EIGHT THOUSAND SIX	HUNDRED PESOS		
	AND 00/100 ONLY		Р	3,198,600.00
In case of failu day of delay shall be	re to make the full delivery within the time specified above, a penalt e imposed.			nt for every
Checked and verifie	d by:	Very truly yo	urs,	
	ELANIE A. JALOVER	DR. AMBRO	M	H
Head,	Procurement Services	President	UST System	55
Conforme: ENGEL R. MONTERO			Ū	
	MULTIFACTORS SALES Signature over printed namerof Supplier			
	FEBRUARY 28, 2024444			
Funds Available:	LIL FETH W. GADIANS			
Tunus Available:	Signature Over Printed Name of Chief Accountant/ Head of Accounting Division/Unit	BUR/ObR Amount :	No. : 3,198,40	1037 p. 00
C.M. F	i. Recto Avenue, Lapasan, Cagayan de Oro City 9000 Philippines, Tel. Nos. +63 (88) 856	5 1738; Telefax +63 (88		
	Page 13 of 13		914/2	s-p-237