



## BID FORM

NAME OF THE PROJECT : **PROPOSED PROCUREMENT OF THE SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF ICT EQUIPMENT FOR LIGHTWEIGHT EDGE COMPUTER VISION SOLUTION FOR SMART AND EFFICIENT TRAFFIC MANAGEMENT CY 2023**

APPROVED BUDGET OF CONTRACT : **THREE MILLION TWO HUNDRED THOUSAND PESOS AND 00/100 (P3,200,000.00) ONLY**

BRIEF DESCRIPTION : **SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF ICT EQUIPMENT FOR LIGHTWEIGHT EDGE COMPUTER VISION SOLUTION FOR SMART AND EFFICIENT TRAFFIC MANAGEMENT CY 2023**

SOURCE OF FUND : **FFP CY 2023**

CONTRACT DURATION : **SIXTY (60) CALENDAR DAYS (PARTIAL BID)**

ITEM NO.	DESCRIPTION/SPECIFICATIONS	QTY	UNIT	USTP APPROVED UNIT PRICE	UNIT PRICE	AMOUNT
<b>LOT 1 - INTERNET OF THINGS DEVICES (P2,460,000.00)</b>						
1	<b>INDUSTRIAL OUTDOOR IP CAMERA WITH AI OBJECT DETECTION</b> Sensor: 1/1.8", 4.0 megapixel, progressive scan, CMOS; Minimum Illumination: "Colour: 0.0005 lux (F1.2, AGC ON) 0 lux with IR/LED on"; WDR: True WDR 120dB; Lens: 2.8 ~ 12mm, AF automatic focusing, and motorized zoom lens; Illuminator: Up to 30m (98ft), 850nm, IR Auto/Manual Control; AI/ Intelligence Features: Support false alarm filtering: Cross Line detection, Intrusion detection, Enter Area detection, Leave Area Detection; People counting, support people flow counting, and crowd density monitoring; Complete Delivery, Installation, Configuration, Testing and Full Documentation; 2 YEARS WARRANTY	20	pc/s	55,000.00	P	P
3	<b>CONTROL SYSTEM (POE) WITH SOLAR POWER BACK-UP SYSTEM INCLUDING INSTALLATION MATERIALS</b> Solar Panel System 150 Watts Mono; IP67 Grade, Aluminum or Stainless Steel Enclosure for Pole Installed complete with Accessories / Brackets; Industrial Grade PoE Managed Switch; Complete Delivery, Installation, Configuration, Testing and Full Documentation; 2 YEARS WARRANTY	4	lot	120,000.00	P	P
5	<b>INDUSTRIAL GRADE EMBEDDED PC SYSTEM</b> Processor: Intel Core i7 10810U (Six core 12 threads, 1.6G, Max. Turbo 4.9G, 12MB Cache), RAM: 1*DDR4 2133/2400 SODIMM memory slot, 32GB, Network: 2*Intel i211-AT 10/100/1000M, LAN; Storage: 1*M.2 2280 slot, 1*2.5"HDD, support RAID 0/1 1T Industrial Grade; Working Temperature: -20°C ~ +50°C (Industrial grade SSD), surface airflow; Accessories / Power Supply: Industrial Grade Power Supply 12VDC / 5A; Operating System: Ubuntu Pro, Complete Delivery, Installation, Configuration, Testing and Full Documentation; 2 YEARS WARRANTY	4	unit	110,000.00	P	P

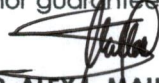
ITEM NO.	DESCRIPTION/SPECIFICATIONS	QTY	UNIT	USTP APPROVED UNIT PRICE	UNIT PRICE	AMOUNT
6	<p><b>INDUSTRIAL LORA WAN GATEWAY PLUS LTE</b></p> <p>Interface: "4G/3G connectivity, LoRaWAN 863 - 870MHz, 1x RS485/RS422 Modbus RTU/TCP, 1x Ethernet 10/100Mbit/s, Packet Forwarder, Embedded LoRaWAN server Class A &amp; C, Flash memory: 50 Mb (uncompressed, compressed files)"; Accessories / Power Supply: Industrial Grade Power Supply 12VDC / 5A, LORAWAN Outdoor Antenna, Includes 4G LTE DataSims for Remote and SMS Alert 1 Year Subscription; Complete Delivery, Installation, Configuration, Testing and Full Documentation; 2 YEARS WARRANTY</p>	4	unit	110,000.00	P	P
<b>LOT 2 - COMPUTER SERVER/LAPTOP (P740,000.00)</b>						
2	<p><b>COMMAND CENTER SERVER WITH COMPLETE POWER BACK-UP AND MONITORING</b></p> <p>50" Smart TV; Cat6 LAN Cabling System; UPS 1KVA RackMount; HDMI Video Switcher (at least 2in1) with Complete Accessories and Cables; Branded Server   Intel Xeon E-2334 3.4GHz, 8M Cache, 4C/8T, Turbo (65W), 3200 MT/s   16GB UDIMM, 3200MT/s, ECC   1TB Hard Drive SAS 12Gbps 10k 512n 2.5in with 3.5in HYB CARR Hot-Plug"; Complete Delivery, Installation, Configuration, Testing and Full Documentation; 2 YEARS WARRANTY</p>	1	lot	500,000.00	P	P
4	<p><b>HIGH END LAPTOP</b></p> <p>Operating System: Laptop 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 × 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, 1.07 billion colors, PANTONE Validated, Glossy display, 70% less harmful blue light, 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 Performance 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; Keyboard &amp; Touchpad: Backlit Chiclet Keyboard, 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; Laptop Features: System diagnosis, Battery health charging, Fan Profile, Splendid, WiFi SmartConnect TaskFirst, Live update, AI Noise Canceling, Military Grade: US MIL-STD 810H military-grade standard;</p>	3	unit	80,000.00	P	P

ITEM NO.	DESCRIPTION/SPECIFICATIONS	QTY	UNIT	USTP APPROVED UNIT PRICE	UNIT PRICE	AMOUNT
	Ecolabels & Compliances: EPEAT Gold, Energy star 8.0, RoHS, REACH, Security: Trusted Platform Module (TPM) 2.0, with Anti-Virus Software, IR webcam with Windows Hello support					
<b>TOTAL:</b>						<b>P</b>

Total Bid Price in Figure: \_\_\_\_\_  
Total Bid Price in Words: \_\_\_\_\_  
Name and Signature of Bidder: \_\_\_\_\_

All bid proposals must be sealed in envelopes properly labeled and submitted to this University on or before the deadline of submission of bids, **December 19, 2023, 08:00 A.M.** at the Procurement Services, 2nd Level Gymnasium Lobby, University of Science and Technology of Southern Philippines, C.M. Recto Ave., Lapanan Cagayan de Oro City.

The University of Science and Technology of Southern Philippines assumes no responsibility whatsoever to compensate or indemnify bidders for any expenses incurred in the preparation of the bid. The USTsP neither assumes any obligation for whatsoever losses that the bidders may incur in the preparation on their bids nor guarantees that an award will be made.

  
**ENGR. ALEX L. MAUREAL** ✕  
BAC IV Chairperson