

**ANNUAL PROCUREMENT PLAN FOR FY 2023**  
APP-2023-NCSE-020

Code	Procurement		PMO/ End-User	Is this an Early Procurement Activity? (Yes/No)	Mode of Procurement	Schedule for Each Procurement Activity				Source of Fund	Estimated Budget (Php)			Remarks (Brief Description of Program/Activity/ Project)
	Program/Activity/Project					Advertisement/ Posting of IB/REI	Submission/ Opening of Bids	Notice of Award	Contract Signing		Total	MOOE	CO	
5029907001	20	Software License Subscription to Softphone -12-month subscription -an application for VoIP calls and conferences using desktop/laptop, web, and mobile - maximum 16 concurrent voice/video calls - maximum 100 registered users -Remote collaboration that is secure & reliable; Cloud-based NAT firewall traversal Service -Centralized management of remote devices where the softphone is installed to -Provides advanced system and device reports - Unlimited calls - at least 2GB cloud storage -API & SDK to support 3rd Party Add-ons -will allow ASTI staff to call local lines of ASTI and telephone lines of other institutions and offices, wherever they are located - Activation shall be made on December 10, 2023 - Payment shall be made upon successful activation of the license. 1 lot	KMD	NO	NP-53.9 Small Value Procurement			4th Quarter of 2023		GOP	33,313.00	33,313.00	0.00	GAA
5029907001	20	Software License Subscription to Cloud Platform (Renewal) -12-month subscription - 4 Virtual Machines with the following specs: -CPU: 4 Cores -Memory: 8GB -VM Class: Regular -Accompanying Persistent Disk: 100GB -Managed Zones: 1 -VPN: 730 tunnel hours per month 1 lot	KMD	NO	NP-53.9 Small Value Procurement			4th Quarter of 2023		GOP	484,440.00	484,440.00	0.00	GAA
5020301001	20	2-Port HDMI Bi-directional Splitter Specifications: *HDMI version: 2.0 or above *Resolution: 4K @ 60Hz (backward compatible) *Transmission direction: Bi-directional (1 input, 2 *output   2 input, 1output) *Color: Preferably black Note: to be used as tools 14 pcs	CSD	NO	NP-53.9 Small Value Procurement			4th Quarter of 2023		GOP	21,000.00	21,000.00	0.00	GAA (DataProtect)
5020301001	20	USB Hub for workstations Specifications: *Description: 3-Port or more USB 3.0 Hub *Interface: Dual Input, Type A and Type C *Data Transfer Speed: 5gbps *Power supply: 5V = 2A *Length: approx. 0.15M *Color: Preferably black 10 pcs	CSD	NO	NP-53.9 Small Value Procurement			4th Quarter of 2023		GOP	15,000.00	15,000.00	0.00	GAA (DataProtect)
5020301001	20	USB Hub for workstations Specifications: *Description: 3-Port or more USB 3.0 Hub *Interface: Dual Input, Type A and Type C *Data Transfer Speed: 5gbps *Power supply: 5V = 2A *Length: approx. 0.15M *Color: Preferably black 14 pcs	CSD	NO	NP-53.9 Small Value Procurement			4th Quarter of 2023		GOP	21,000.00	21,000.00	0.00	GAA (Gulai)
5020301001	20	USB Hub for workstations Specifications: *Description: 3-Port or more USB 3.0 Hub *Interface: Dual Input, Type A and Type C *Data Transfer Speed: 5gbps *Power supply: 5V = 2A *Length: approx. 0.15M *Color: Preferably black 14 pcs	CSD	NO	NP-53.9 Small Value Procurement			4th Quarter of 2023		GOP	21,000.00	21,000.00	0.00	GIA (QCS)
5020201002	20	End-User Training of ITANONG for the DOST-ASTI, Nov. 22, 2023 (Meals estimated 50 pax for whole day session) (Php 600 x 50 pax x 1 day) 1 lot	CSD	NO	NP-53.9 Small Value Procurement			4th Quarter of 2023		GOP	30,000.00	30,000.00	0.00	GAA (ITANONG)
5021199000	20	Airfare Reimbursement for Dr. Jose Ildefonso U. Rubrico DIMER End-User Training & Stakeholder's Meeting Date: August 29 - September 01, 2023 Passenger: 1 1 lot	CSD	NO	NP. 53.14 Direct Retail Purchase of Petroleum Fuel, Oil and Lubricant Products, Airline Tickets, and Online Subscriptions			4th Quarter of 2023		GOP	16,294.00	16,294.00	0.00	GIA (ALaM); Modified UACS

502999099	20	iTop Feature (extension) - use to customize the tickets in COARE's user portal to include other information for the incident / service request - purpose: Enable an important feature on the under COARE web services 1 lot	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	7,000.00	7,000.00	0.00	GAA (InNOVATE)
5020321003	20	Audio/Video to USB capture card - Input Interface: One HDMI input+ embedded audio Support input resolution up to 2048*2160 pixels Host Interface: USB 3.0, compatible with USB 2.0 - Capture format: Support capture resolutions up to 2048x2160 Support capture frame rates up to 120fps Support 2-channel audio streams - Purpose: for conduct of events related to PREGINET and COARE (eg. 3rd Joint Stakeholders' meeting, NSRC training, etc) - Note: to be used as a tool 2 pcs	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	20,000.00	20,000.00	0.00	GAA (InNOVATE)
5020321003	20	HDMI Splitter - 1 input to 4 output - Purpose: for conduct of events related to PREGINET and COARE (eg. 3rd Joint Stakeholders' Meeting, NSRC training, etc) - Note: to be used as a tool 2pcs	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	10,000.00	10,000.00	0.00	GAA (InNOVATE)
5029902000	20	Printing of InNOVATE Newsletter Series 01 - A4 Size - Special Paper - Full Color, back to back printing - Design: end-user shall provide the design - 170 pcs - Purpose: to be disseminated during the conduct of 3rd Joint Stakeholders' Meeting of PREGINET and COARE 1 lot	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	50,000.00	50,000.00	0.00	GAA (InNOVATE)
5020399000	20	ID Holder - material: plastic / transparent ID holder - B4 size (150mm x 105mm) with 3 holes for ID lace - Purpose: to be used during conduct of 3rd Joint Stakeholders' Meeting of PREGINET and COARE - Note: to be used as consumables 200 pcs	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	36,000.00	36,000.00	0.00	GAA (InNOVATE)
5020399000	20	Promotional Material: Laptop / Document Sleeve Material: Leather / Polyester Color: Black / Brown (preferred but not required) design: end-user shall provide the design with logos of PREGINET and COARE Purpose: to be used during conduct of INNOVATE activities - Note: to be used as consumables 170 pcs	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	85,000.00	85,000.00	0.00	GAA (InNOVATE)
5020399000	20	Promotional Material: Jacket with logo (embroidered) Description: Bomber jacket Fabric: Microfiber Design: end-user shall provide the design with logos of PREGINET + COARE Purpose: to be used during conduct of INNOVATE activities - Note: to be used as consumables 170 pcs	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	170,000.00	170,000.00	0.00	GAA (InNOVATE)
5020399000	20	Promotional Material: Polo Shirt with Logo (embroidered) Description: Polo Shirt Fabric: Cotton Design: end-user shall provide the design with logos of PREGINET + COARE Purpose: to be used during conduct of INNOVATE activities - Note: to be used as consumables 170 pcs	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	144,500.00	144,500.00	0.00	GAA (InNOVATE)
5020399000	20	Promotional Material: Metal pen - body color: silver / black (preferred but not required) - clickable / twisted - design must be provided by end-user with logos of PREGINET and COARE - purpose: for promotional item in the conduct of INNOVATE activities - Note: to be used as consumables 170 pcs	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	25,500.00	25,500.00	0.00	GAA (InNOVATE)
5020399000	20	Promotional Material: Button Pin - size: 2.25 inch diameter - color: White standard button pin with colored logo - Purpose: for promotional item for the conduct of INNOVATE activities COARE - Note: to be used as consumables 170 pcs	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	25,500.00	25,500.00	0.00	GAA (InNOVATE)
5020399000	20	Promotional Material: Desk clock Material: wood; compact size Design: end-user shall provide the design with logos of PREGINET and COARE - Note: to be used as consumables Purpose: for promotional item (for VIPs only) for the conduct of InNOVATE activities) 100 pcs	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	400,000.00	400,000.00	0.00	GAA (InNOVATE)

5020399000	20	Promotional Material: USB Card - description: White with front design - storage capacity: 8GB / 16GB - size: standard ATM size - design: end-user shall provide the design with logos of PREGINET and COARE - Note: to be used as consumables during the conduct of INNOVATE activities 170 pcs	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	136,000.00	136,000.00	0.00	GAA (InNOVATE)
5020301003	20	Service vehicle rental for the conduct of 3rd Joint Stakeholders' Meeting of PREGINET and COARE - Location: multiple trips between Quezon City, NAI A and Alabang - No. of vehicles: 2 (van) - No. of days: 2 days - Estimated number of pax: 15 participants / vehicle - Budget for vehicle @25,000.00 - 1,666.67/pax/day - tentative schedule: December 12 - 13, 2023 Purpose: for the conduct of 3rd Joint Stakeholders' Meeting *Actual no. of attendees and event schedule will be provided by the end user* 2 lot	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	100,000.00	100,000.00	0.00	GAA (InNOVATE)
5020301001	20	Lease rental with catering Services for the conduct of 3rd Joint Stakeholders' Meeting of PREGINET and COARE - Location: within NCR - No. of days/s: 1 day - Maximum number of pax: 120 pax - Guaranteed number of pax: 100 pax - Tentative schedule: December 13, 2023 Purpose: for the conduct of 3rd Joint Stakeholders' Meeting of PREGINET and COARE *Actual no. of attendees and event schedule will be provided by the end user* 1 lot	SSED	NO	NP-53.10 Lease of Real Property and Venue	4th Quarter of 2023	GOP	2,070,000.00	2,070,000.00	0.00	GAA (InNOVATE)
5021299099	20	Grass Cutting and Cleaning Services at Iloilo GRS in Dumangas, Iloilo Location: Iloilo- GRS Maintenance Schedule: 4th Quarter of 2023 1 lot	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	2,000.00	2,000.00	0.00	GAA (FLASH)
50203210-02	20	Bolt Cutter Approx. Length: 36 inches Material: Steel Approx. Weight: 31oz or 874g 2 pcs	SSED	NO	NP-53.9 Small Value Procurement	3rd Quarter of 2023	GOP	4,600.00	4,600.00	0.00	GAA (FLASH); Modified amount, description
5021305014	20	Fabrication of Concrete Blocks Approximate Dimensions: 5" X 12" X 12" with center anchor bolt Refer to attached drawing for specifications 12 pcs	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	30,000.00	30,000.00	0.00	GAA (FLASH)
5021305014	20	Fabrication of Mechanical Frames for Lightning Detecting Stations Quantity: 3 sets Material: Stainless Including stainless bolts, nuts, screws Refer to attached drawings for specifications 1 lot	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	150,000.00	150,000.00	0.00	GAA (FLASH)
5020399000	20	Butterfly Bolts with Nuts Qty: 80 pcs. Material: Stainless Approximate Thread Diameter: 7.78mm Approximate Thread Length: 24.82mm Refer to attached photo for specifications 80 pcs	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	20,000.00	20,000.00	0.00	GAA (FLASH)
5020399000	20	Hex Bolts with Nuts Qty: 140 pcs. Material: Stainless Approximate Thread Diameter: 7.78mm Approximate Thread Length: 24.82mm Refer to attached photo for specifications 140 pcs	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	12,000.00	12,000.00	0.00	GAA (FLASH)
5020399000	20	Hex Bolts with Nuts Qty: 120 pcs. Material: Stainless Approximate Thread Diameter: 5.96mm Approximate Thread Length: 19.81mm Refer to attached photo for specifications 120 pcs	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	7,000.00	7,000.00	0.00	GAA (FLASH)
5020399000	20	Back Plate Screw Qty: 80 pcs. Material: Stainless Approximate Thread Diameter: 2.94mm Approximate Thread Length: 10mm Refer to attached photo for specifications 80 pcs	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	13,500.00	13,500.00	0.00	GAA (FLASH)

5020399000	20	U-Bolts with nuts Qty: 20 pcs. Material: Stainless Approximate Inside Height = 68.55mm Approximate Inside Diameter = 60.55mm Approximate Thread Length = 24.30mm Approximate Thread Size = 6.30mm Refer to attached photo for specifications 20 pcs	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	4,000.00	4,000.00	0.00	GAA (FLASH)
5020321013	20	Enclosure with transparent lid Body Material: Polycarbonate External Length: 180 mm External Height: 90 mm External Width: 110 mm External Dimensions: 180 x 110 x 90mm Note: For Tools 2 units	SSED	NO	NP-53.9 Small Value Procurement	3rd Quarter of 2023	GOP	6,000.00	6,000.00	0.00	GAA (SAGAP); Modified description, amount
5020321013	20	Mini Development Board with Bluetooth/wifi function -USB Port: Micro USB On-The-Go (OTG) port -Memory Capacity: 512MB -Port: Micro USB power port -Voltage: 5V DC -Current: 2.5A -Frequency: 1GHz, Single-core CPU Note: For Tools 4 units	SSED	NO	NP-53.9 Small Value Procurement	3rd Quarter of 2023	GOP	13,500.00	13,500.00	0.00	GAA (SAGAP)
5029905003	20	Vehicle Rental for SAGAP Deployment Activities in Region VI Location: Iloilo City Tentative Schedule: 02 October- 29 December 2023 Maximum No. of Days: Five (5) Days Vehicle Type: Closed type van with airconditioning and can carry at least 4 passengers 1 lot	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	20,000.00	20,000.00	0.00	GAA (SAGAP); Modified description
5020702001	20	RF Evaluation and Development Board -Frequency range: 860 MHz - 930 MHz -USB 2.0 FS -4-channel,12-bit ADC, 2 x DAC -6-bit timers, LP-UART, I2C and SPI -Embedded SX1276 transceiver Note: For prototyping 3 units	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	10,955.00	10,955.00	0.00	GAA (SAGAP)
5020321013	20	Wireless transceiver evaluation board -64-Mbit Quad-SPI Flash memory -Bluetooth® 4.1 module (SPBLE-RF) -802.11 b/g/n compliant Wi-Fi® module -High-performance 3-axis magnetometer Note: For tools 2 units	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	12,000.00	12,000.00	0.00	GAA (SAGAP)
5020321013	20	Cordless Ratchet - Anvil: 3/8" - Must be compatible with Ryobi PBP2004 Lithium-Ion Battery Note: to be used as tools 1 pc	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	12,800.00	12,800.00	0.00	GAA (EPIIC)
5020399000	20	Lithium-Ion Battery Pack - Must be compatible to Ryobi Cordless Angle Grinder - Minimum Battery Capacity: 4Ah - Voltage: 18V Note: to be used as consumable item 3 pcs	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	18,000.00	18,000.00	0.00	GAA (EPIIC)
5020321013	20	Lithium-Ion Battery Pack Charger - Must be compatible to Ryobi PBP2004 Lithium-Ion Battery - Voltage: 18V Note: to be used as tools 2 pcs	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	7,400.00	7,400.00	0.00	GAA (EPIIC)
5020321013	20	Insulated Screwdriver Set - Voltage Isolation: 1000VAC and 1500VDC - Material: Vanadium Molybdenum steel, manganese phosphate coated bayonet Note: to be used as tools 2 sets	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	5,200.00	5,200.00	0.00	GAA (EPIIC)
5020321013	20	Crimping tools - Non-insulated Terminal Sizes: - 6mm <sup>2</sup> (12-10 AWG) - 10mm <sup>2</sup> (8 AWG) - 16mm <sup>2</sup> (6 AWG) - 25mm <sup>2</sup> (4 AWG) Note: to be used as tools 2 pcs	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	9,600.00	9,600.00	0.00	GAA (EPIIC)
5020321013	20	Insulated Adjustable Wrench - Wrench Type: Adjustable Spanner - Handle Type: Thermoplastic Grip - Overall Length: 259 mm Note: to be used as tools 2 pcs	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	7,000.00	7,000.00	0.00	GAA (EPIIC)
5020321013	20	Insulated Back Wrench Set - Sizes: 8mm, 10mm, 12mm, 13mm, 14mm, 17mm, 19mm - 1000V Insulated Note: to be used as tools 2 sets	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	9,295.00	9,295.00	0.00	GAA (EPIIC)

5020321013	20	Insulated Socket Wrench Set - Drive Size: 1/4 in - Drive Type : Square Note: to be used as tools 2 sets	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	98,000.00	98,000.00	0.00	GAA (EPIIC)
5020321013	20	Insulated Allen Wrench Set -Unit: Metric - Shape: T-handle - Hex Key Size: 2 to 10mm Note: to be used as tools 2 sets	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	12,000.00	12,000.00	0.00	GAA (EPIIC)
5020321013	20	Locking Pliers - Material: Chrome vanadium steel - Overall length: 250mm Note: to be used as tools 2 sets	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	6,600.00	6,600.00	0.00	GAA (EPIIC)
5020321013	20	Hydraulic Floor Jack (Small) - Weight capacity: 2 ton - Jack type: Hydraulic Note: to be used as tools 2 pcs	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	4,000.00	4,000.00	0.00	GAA (EPIIC)
5020321013	20	Hydraulic Floor Jack (Big) - Weight capacity: 3 Ton - Pump system: Double pump - Jack type: Hydraulic Note: to be used as tools 1 pc	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	8,900.00	8,900.00	0.00	GAA (EPIIC)
5020321013	20	Jack Stands - Capacity: 2 Ton - Min. height: 250mm - Max. height: 380mm Note: to be used as tools 2 sets	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	5,000.00	5,000.00	0.00	GAA (EPIIC)
5020321002	20	Screw Driver Set - Material: Chrome plated corrosion resistance - Sizes: - SL5x100mm / 3/16"x4in - SL6.5x150mm / 1/4"x6in - CA5x10mm / 3/16"x4in - CA5x150mm / 3/16"x6in - PH1x100mm / 1ptx4in - PH2x150mm / 2ptx6in Note: to be used as tools 2 sets	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	1,200.00	1,200.00	0.00	GAA (EPIIC)
5020321002	20	Rubber Hammer - Size: 16 oz/1lb - Handle: Wood Note: to be used as tools 2 pcs	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	600.00	600.00	0.00	GAA (EPIIC)
5020321013	20	Engine Stand - Capacity: 450 kg Note: to be used as tools 1 pc	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	10,400.00	10,400.00	0.00	GAA (EPIIC)
5020321013	20	Engine Crane - Capacity: 2 ton Note: to be used as tools 1 pc	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	18,600.00	18,600.00	0.00	GAA (EPIIC)
5020321013	20	Belt Driven Pneumatic Air Compressor - Motor: 2 hp - No. of Cylinder: 2 - Phase: 1 - Pressure: 115 psi - Capacity: 88 liters Note: to be used as tools 1 pc	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	27,000.00	27,000.00	0.00	GAA (EPIIC)
5020322001	20	Lift Table - Capacity: 300 kg - Max height: 90 cm Note: to be used as tools 1 pc	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	37,200.00	37,200.00	0.00	GAA (EPIIC)
5020321013	20	Mechanical Cross Vise - Weight: 10kg - Height (mm): 120 - Jaw Opening : 94 mm - Jaw Depth: 39mm - Weight: 10kg Note: to be used as tools 1 pc	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	25,000.00	25,000.00	0.00	GAA (EPIIC)
5020321013	20	Square Drive Breaking Torque Wrench - Torque range: 1 to 10 Nm - Drive shape: Square - Drive size: 1/4 in - Type: Breaking Torque Wrench - Overall length: 105 mm Note: to be used as tools 1 pc	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	19,500.00	19,500.00	0.00	GAA (EPIIC)

5020321013	20	Pry Bar - Material: Steel - Lengths: 200mm, 300mm, 450mm, 600mm Note: to be used as tools 1 set	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	3,000.00	3,000.00	0.00	GAA (EPIIC)
5020321013	20	Mechanical Creeper - Weight Capacity: 150 kg - Base Length: 55 cm Note: to be used as tools 2 pcs	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	7,400.00	7,400.00	0.00	GAA (EPIIC)
5020321013	20	Workbench with Vise - Maximum load: 250 kg Note: to be used as tools 1 set	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	19,800.00	19,800.00	0.00	GAA (EPIIC)
5020321013	20	Cable Stripper - Cable Type: Round - Stripping range: 4.5 - 29 mm - Minimum Size: 4.5mm - Maximum Size: 29mm Note: to be used as tools 1 pc	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	7,500.00	7,500.00	0.00	GAA (EPIIC)
5020321013	20	Tachometer - Category: Contact, Optical - Display Type: LCD - Maximum Speed: 99999 rpm - Minimum Speed: 0.5 rpm Note: to be used as tools 1 set	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	29,000.00	29,000.00	0.00	GAA (EPIIC)
5020321013	20	Clamp Meter - Clamp Meter Type: Power clamp meter - Display Type: Backlit LCD Note: to be used as tools 1 set	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	35,000.00	35,000.00	0.00	GAA (EPIIC)
5020399000	20	Metal Porting - Material: Carbide - Application: For rotary tool - Shank: 1/8" - Shapes: Inverted cone, Pointed cone, Taper radius end cone, Flame, Tree radius end, Egg, Ball Cylinder radius end, Cylinder Note: to be used as consumable item 2 sets	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	2,300.00	2,300.00	0.00	GAA (EPIIC)
5020399000	20	Proximity Sensor - Sensing Distance: 1.97" ~ 1574.804" (5 ~ 4000cm) - Output Type: P, PWM - Voltage - Supply: 4.75V ~ 5V - Current - Supply: 85 mA Note: to be used as consumable Item 1 pc	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	13,000.00	13,000.00	0.00	GAA (EPIIC)
5020399000	20	MicroSD Card - Capacity: 128 GB - Class: 10 - Size/Type: MicroSD Note: to be used as consumable Item 10 pcs	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	10,000.00	10,000.00	0.00	GAA (EPIIC)
5020399000	20	SMPS MicroUSB 5V 2.5A - Plug type: Micro USB - Input: 110V-220V AC - Output: 5V DC up to 2.5 A Note: to be used as tools 2 pcs	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	1,200.00	1,200.00	0.00	GAA (EPIIC)
5020399000	20	Blow Gun for Air Compressor - Size: 16mm - Nozzle length: 80mm - Hose connection :1/4" Note: to be used as tools 4 pcs	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	1,200.00	1,200.00	0.00	GAA (EPIIC)
5020399000	20	High power AC-DC Converter - Voltage Output: 24VDC - Current: 21A - Power Output: 500W to 600W - Voltage Input: 85-264 VAC Note: to be used as consumable item 1 pc	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	9,100.00	9,100.00	0.00	GAA (EPIIC)
5020321013	20	3D Printer Enclosure (Big) - Must be compatible with Ender 5 Plus - Size: Big (70*75*90 cm) - Craft: Aluminum foil with flame retardant Note: to be used as tools 3 pcs	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	25,500.00	25,500.00	0.00	GAA (EPIIC)
5020321013	20	Polishing Tool - Power rating: 1250W - Type: Variable speed - Motor current rating: 12 Amperes Note: to be used as tools 1 set	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	11,000.00	11,000.00	0.00	GAA (EPIIC)

5020321013	20	Industrial Tray -Volume Capacity: 30L -Dimensions (HxWxD): 170mm x 400mm x 600mm Note: to be used as tools 21 pcs	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	42,000.00	42,000.00	0.00	GAA (EPIIC)
5020321013	20	Filament Dryer -Power of Drying Heater : 36W -Rated Power : AC100-240V -Max Temperature: 80 Degree Celcius -Weighing Load: 2KG -Allowable Filament Diameter: 1.75mm,2.85 mm or 3.0mm Note: to be used as tools 4 pcs	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	13,200.00	13,200.00	0.00	GAA (EPIIC)
5020321013	20	Vacuum Cleaner - Wet and Dry Cleaning - Voltage: 220- 240V Note: to be used as tools 1 set	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	7,200.00	7,200.00	0.00	GAA (EPIIC)
5020321013	20	PCB Holder - Outer dimension: 57 x 88 mm diameter - Weight : 1.2 kg - PCB holder Shape: Cylindrical PCB Holder Note: to be used as tools 2 pcs	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	12,000.00	12,000.00	0.00	GAA (EPIIC)
5020321013	20	Desoldering Pump - Lead Free -Suction Power: High Vacuum Note: to be used as tools 4 pcs	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	10,400.00	10,400.00	0.00	GAA (EPIIC)
5020321013	20	Digital Caliper - Range: 0 - 200mm - Graduation: 0.01mm - Display Type: LCD Note: to be used as tools 2 pcs	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	46,000.00	46,000.00	0.00	GAA (EPIIC)
5020101000	20	Roundtrip Airfare Ticket for Official Travel - Manila to Davao to Manila - for the conduct of server configuration in NTC Regional Office No. 11 - with at least 20kg baggage allowance each for equipment to be used in server configuration 2 lots	SSED	NO	NP-53.14 Direct Retail Purchase of Petroleum Fuel, Oil and Lubricant Products, Airline Tickets, and Online Subscriptions	4th Quarter of 2023	GOP	33,742.32	33,742.32	0.00	GIA (NTC R11)
5020399000	20	ID Cardholder for NTC IT Personnel Training - Made of premium plastic to protect ID card from fading and damage - Water resistant - Super clear transparency - Flap to prevent ID card from falling out - Can hold up to A6 Size (5.8 x 4.1 inches) documents 37 pcs	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	592.00	592.00	0.00	GIA (NTC R3)
5029905001	20	Lease rental with catering Services for the conduct of NetMesh Project Closeout - Location: within NCR - No. of days/s: 1 day - Estimated number of pax: 50 pax - Tentative schedule: October or November 2023 Purpose: for the conduct of the official closing of the project *Actual no. of attendees and event schedule will be provided by the end user* 1 lot	SSED	NO	NP-53.10 Lease of Real Property	4th Quarter of 2023	GOP	88,000.00	88,000.00	0.00	GIA (NTC R8); Modified description, amount
5020399000	20	ID Cardholder for NetMesh Project Closeout - Made of premium plastic to protect ID card from fading and damage - Water resistant - Super clear transparency - Flap to prevent ID card from falling out - Can hold up to A6 Size (5.8 x 4.1 inches) documents 48 pcs	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	768.00	768.00	0.00	GIA (NTC R8)
5020399000	20	Supplies - Anti-Static Gloves Size: 9 *Consumables 20 pairs	SSED	NO	NP-53.9 Small Value Procurement	2nd Quarter of 2023	GOP	3,500.00	3,500.00	0.00	GAA (MASID); Modified amount
5020321002	20	Tools - Files Number of Pieces: 11 *Laboratory tool 2 sets	SSED	NO	NP-53.9 Small Value Procurement	2nd Quarter of 2023	GOP	15,000.00	15,000.00	0.00	GAA (MASID); Modified amount
5029901000	20	Tarpaulin Printing for Trainings and Exhibits Dimension: At least 2ftx5ft Design will be provided by the end-user 4 pcs	SSED	NO	NP-53.9 Small Value Procurement	3rd Quarter of 2023	GOP	6,000.00	6,000.00	0.00	GAA (SADT MASID); Modified amount
5029905003	20	Vehicle Rental for MASID Activities Regular airconditioned van Tentative Destinations: Within Regions 4A, 4B, and NCR Tentative Schedule: one (1) day within the months of October to November 2023 Actual location and duration will be provided by the end-user 1 lot	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	10,000.00	10,000.00	0.00	GAA (MASID)

5029905003	20	Vehicle Rental for MASID Activities Regular airconditioned van Tentative Destinations: Within Regions 4A, 4B, and NCR Tentative Schedule: one (1) day within the months of October to November 2023 Actual location and duration will be provided by the end-user 1 lot	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	10,000.00	10,000.00	0.00	GAA (MASID)
5029905003	20	Vehicle Rental for MASID Activities Regular airconditioned van Tentative Destinations: Within Regions 4A, 4B, and NCR Tentative Schedule: four (4) days within the months of October to November 2023 Actual location and duration will be provided by the end-user 1 lot	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	32,000.00	32,000.00	0.00	GAA (MASID)
5020321013	20	Mass Alerting Siren Compatible with ASTI-designed TEWS Alerting Station Note: will be used for trainings and exhibitions; semi-expendable 12 pcs	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	339,600.00	339,600.00	0.00	GAA (SADT MASID)
5021199000	20	PCB Fabrication of LoRa Ground Plane Ground plane/RPi interface board to be used in LoRa Gateway or LoRa Receiver 5 pcs	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	18,495.00	18,495.00	0.00	GAA (arQ v2)
5020399000	20	Actuator - Smart BLDC Motor Smart DC motor integrated with controller 24V 1.2N.M 250rpm (low-speed) Note: Other Supplies 1 pc	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	17,200.00	17,200.00	0.00	GAA (arQ v2)
5020399000	20	Actuator - BLDC Motor(350kV) 320KV Multi-axis Brushless Motor Disc Note: Other Supplies 1 pc	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	4,600.00	4,600.00	0.00	GAA (arQ v2)
5020702002	20	Embedded Module Processor: Amlogic S905X3 12nm Processor L1 instruction cache: 32 KB, 4-way set associative (128 sets), 64 byte lines, shared by 1 processor Note: Will be part of prototype 2 pcs	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	9,800.00	9,800.00	0.00	GAA (arQ v2)
5020702002	20	Embedded Module Memory : 2Gbyte LPDDR3 RAM PoP (750Mhz, 12GB/s memory bandwidth, 2x32bit bus) Note: Will be part of prototype 2 pcs	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	8,700.00	8,700.00	0.00	GAA (arQ v2)
5020399000	20	Filament - PETG 1.75mm (Solid Yellow) 3D printer filament Material: PETG (Polyethylene terephthalate glycol) Diameter: 1.75mm Color: Solid Yellow Net Weight: 1kg Note: Other Supplies 3 pcs	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	3,000.00	3,000.00	0.00	GAA (arQ v2)
5020399000	20	Filament - ASA 1.75mm 3D printer filament Material: eASA (Acrylonitrile Styrene Acrylate) Diameter: 1.75mm Color: Black Net Weight: 1kg Note: Other Supplies 2 pcs	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	2,600.00	2,600.00	0.00	GAA (arQ v2)
5020399000	20	Embedded board - BMS board (2S LiFePO4) Battery management system (BMS) for LiFePO4 2S Note: Other Supplies 5 pcs	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	550.00	550.00	0.00	GAA (arQ v2)
5020322001	20	Storage - Electronic Dry Cabinet Storage Capacity: 100L Power: 5W/H Humidity Control Mode: Automatic Humidification Note: Semi-expendable 1 set	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	12,500.00	12,500.00	0.00	GAA (arQ v2)
5020321013	20	Storage - 3D Filament Dry Box Storage filament dryer with constant temperature and humidity, moisture-proof and dust-proof with heating function specially developed for 3D printing filaments Note: Semi-expendable 2 pcs	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	6,500.00	6,500.00	0.00	GAA (arQ v2)
5020321013	20	Battery - LiFePO4 Battery Pack Capacity: 24Ah (307.2Wh) Max Discharge Rate: 20A Max Charging Rate: 20A Note: Semi-expendable 2 pcs	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	11,000.00	11,000.00	0.00	GAA (arQ v2)
5020321013	20	Tool - Mallet Hammer Hammer Type Sledgehammer Head Material Medium Carbon Steel Note: Semi-expendable 1pc	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	2,600.00	2,600.00	0.00	GAA (arQ v2)



5020399000	20	Workshop Consumables - Blind Rivet Rivet Type: Blind Rivet Diameter : 4.8mm Rivet Length: 20mm Fixing Hole Diameter: 4.9mm Note: Other Supplies 3 bags	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	1,650.00	1,650.00	0.00	GAA (arQ v2)
5020399000	20	Workshop Consumables - Sandpaper Specifications of (100pcs) Sand Paper (Liha) Waterproof Grit # 1000 For wet and dry application (Waterproof) Size: 23x28cm Note: Other Supplies 2 boxes	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	1,600.00	1,600.00	0.00	GAA (arQ v2)
5020399000	20	Cable - Male SMA to Female SMA Terminated SMA to SMA cable Note: Other Supplies 4 pcs	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	5,600.00	5,600.00	0.00	GAA (arQ v2)
5020399000	20	Workshop Consumables - Sandpaper Specifications of (100pcs) Sand Paper (Liha) Waterproof Grit # 400 For wet and dry application (Waterproof) Silicon carbide Electro coated sand paper Made for professionals Size: 23x28cm Note: Other Supplies 2 boxes	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	1,600.00	1,600.00	0.00	GAA (arQ v2)
5020399000	20	Tool - Bolt Cutter Drop forged hardened steel blades Compound cutting action requires less effort Tubular steel handles with cushioned Non-Slip rubber grips 1 pc	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	3,500.00	3,500.00	0.00	GAA (arQ v2)
5020321013	20	Tool - Hole Saw Bi-metal Hole Saw Set Packed in blow mould case Note: Semi-expendable 1 set	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	2,200.00	2,200.00	0.00	GAA (arQ v2)
5020321013	20	Tools - Electric Drill Refitting Plate Shears Can cut 0.8mm thickness of metal plate Note: Semi-expendable 5 pcs	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	2,000.00	2,000.00	0.00	GAA (arQ v2)
5020399000	20	Workshop Consumables - Silica Gel Weight: 75 grams Size: Length 12cm Width 8 cm per pack Note: Other Supplies 30 bundles	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	5,100.00	5,100.00	0.00	GAA (arQ v2)
5020401000	20	Miscellaneous Expense -Actual expense from January - August 2023 : Php 10,615.00 -Estimated expense for EPDC drinking water for September - December, Php 3,360.00 x 4 months = 13,440.00 Note:Actual expense from January to August 2023 plus estimate EPDC drinking water expense for September to December 2023 12 lot	SSED	NO		1st - 4th Quarter of 2023	GOP	24,055.00	24,055.00	0.00	GAA (EPDC)
5021305014	20	CNC Head Repair -Dismantling of main head -Cleaning and will put insulation shrinkable tube in burnt terminals -Performing of table height adjustment -Camera head offset and teach tool holder -Run sample test Note: Equipment Head Repair 1 lot	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	15,510.00	15,510.00	0.00	GAA (EPDC)
5021305014	20	CNC Machine and Vacuum Repair -Replacement of worn-out parts -Parts installation -Perform functionality test Note: Equipment Machine Repa 1 lot	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	166,100.00	166,100.00	0.00	GAA (EPDC)
5020399000	20	Presensitized FR4 Single sided Proto Board Type: Copper Clad, Photo-resist, Single Sided Board Thickness: 1.6 mm Copper Foil: 35um (1 oz). Board Size 305 x 457 mm Note: Laboratory consumable.used for fabrication and assembly of PCB 40 pcs	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	66,000.00	66,000.00	0.00	GAA (EPDC)
5020399000	20	Presensitized FR4 Double sided Proto Board Type: Copper Clad, Photo-resist, Double Sided Board Thickness: 1.6 mm Copper Foil: 35um (1 oz). Board Size 305 x 457 mm Note:Laboratory consumable.used for fabrication and assembly of PCB 40 pcs	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	57,200.00	57,200.00	0.00	GAA (EPDC)

5020399000	20	Long Plastic Stirring Rod Rod Diameter: 6mm Length: 1 meter Material: PTFE Form: Rod Note: Laboratory tool used in stirring various chemicals in a deep container 1 lot	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	1,820.00	1,820.00	0.00	GAA (EPDC)
5020399000	20	Short Plastic Stirring Rod Length: 300mm Rod Diameter: 10mm Material: PEEK Form: Rod Note: Laboratory tool used in stirring various chemicals in a shallow container 5 pcs	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	13,750.00	13,750.00	0.00	GAA (EPDC)
5020322001	20	Drip Tray Material: Polystyrene Dimension: (Atleast) 510 x 320 x 65mm Note: Laboratory tool used in various chemical bath for PCBs 10 pcs	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	18,200.00	18,200.00	0.00	GAA (EPDC)
5020321013	20	ESD Tweezer Set Material: Steel Number of Pieces:6 ESD Safe:Yes Note: Laboratory tool used in PCB assembly 5 sets	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	102,850.00	102,850.00	0.00	GAA (EPDC)
5020321002	20	Side Cutter Cutter Type: Fibre Optic Cutters Overall Length:145 mm Jaw Length:32.0mm ESD Safe:Yes Maximum Cutting Capacity:2.0mm Note: Laboratory tool used in various PCB or laboratory cutting 5 pcs	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	14,300.00	14,300.00	0.00	GAA (EPDC)
5020399000	20	UV Curable Paint (GREEN) 500g Pack (405g Green Ink 95g Catalyst) Note:Laboratory consumables applied to PCBs for soldermask/solder resist for protection against oxidation and to prevent solder bridges 2 lots	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	16,500.00	16,500.00	0.00	GAA (EPDC)
5020399000	20	UV Curable Paint (WHITE) 500g Pack (405g White Ink 95g Catalyst) Note:Laboratory consumables applied to PCBs for soldermask/solder resist for protection against oxidation and to prevent solder bridges 2 lots	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	16,500.00	16,500.00	0.00	GAA (EPDC)
5020399000	20	UV Curable Paint (YELLOW) 500g Pack (405g Yellow Ink 95g Catalyst) Note:Laboratory consumables applied to PCBs for soldermask/solder resist for protection against oxidation and to prevent solder bridges 1 lot	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	8,250.00	8,250.00	0.00	GAA (EPDC)
5020399000	20	UV Curable Paint (ORANGE) 500g Pack (405g Orange Ink 95g Catalyst) Note:Laboratory consumables applied to PCBs for soldermask/solder resist for protection against oxidation and to prevent solder bridges 1 lot	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	8,250.00	8,250.00	0.00	GAA (EPDC)
5020399000	20	UV Curable Paint (BLACK) 500g Pack (405g Black Ink 95g Catalyst) Note:Laboratory consumables applied to PCBs for soldermask/solder resist for protection against oxidation and to prevent solder bridges 1 lot	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	8,250.00	8,250.00	0.00	GAA (EPDC)
5020399000	20	UV Curable Paint (BLUE) 500g Pack (405g Blue Ink 95g Catalyst) Note:Laboratory consumables applied to PCBs for soldermask/solder resist for protection against oxidation and to prevent solder bridges 2 lots	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	16,500.00	16,500.00	0.00	GAA (EPDC)
5020399000	20	UV Curable Paint (RED) 500g Pack (405g Red Ink 95g Catalyst) Note:Laboratory consumables applied to PCBs for soldermask/solder resist for protection against oxidation and to prevent solder bridges 2 lots	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	16,500.00	16,500.00	0.00	GAA (EPDC)
5020399000	20	Foam Roller Refill -Special sponge roller made from High Density Foam -Suitable for use on smooth and semi smooth surfaces -Provides up to 2X the paint coverage of other rollers Note: Laboratory consumables used in the application of soldermask 64 packs	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	15,360.00	15,360.00	0.00	GAA (EPDC)
5020399000	20	Syphon Pump Dispenser Type:Hand-Operated Syphon Pump Capacity:60 → 205L Material:Plastic Note: Laboratory tool used in transferring various liquids and chemicals 6 pcs	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	19,500.00	19,500.00	0.00	GAA (EPDC)
5020399000	20	Measuring Spoons Material: Plastic Small table spoons with Metric & US Note: Laboratory tool used in measuring various powder chemicals for various solution mixing 5 pcs	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	1,100.00	1,100.00	0.00	GAA (EPDC)

5020399000	20	Multipurpose scrub -Flextexture scrubber Note: Laboratory consumables used in manual cleaning of PCBs 20 pcs	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	6,000.00	6,000.00	0.00	GAA (EPDC)
5020399000	20	Craft Scalpel Type:Scalpel Knife Type:Craft Knife Number of Pieces:1 Blade Shape:Diagonal Handle Material:Aluminium Note: Laboratory tool used in various cutting that requires precise and sharp cuts 5 pcs	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	4,400.00	4,400.00	0.00	GAA (EPDC)
5020399000	20	Craft Scalpel Refill Blade Shape:Fine Point Diagonal Blade Type:Safety Knife Blade Note: Laboratory tool craft scalpel blade refill 7 packs	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	3,010.00	3,010.00	0.00	GAA (EPDC)
5020399000	20	Fiber Optic Cable Connector 1:SC Length:5m Connector 2:SC Propagation Mode: Multi Mode Terminated/Unterminated: Terminated Sheath Colour:Orange Cable Construction:Duplex Fibre Type:OM1 Note:Laboratory tool used in UV Printer data cable 2 pcs	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	3,200.00	3,200.00	0.00	GAA (EPDC)
5020399000	20	3D Printer Pneumatic Fittings Connector Pneumatic Fittings Connector Combination Package (Small and Large) Note:Mechanical tool used for 3D Printer 20 packs	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	2,800.00	2,800.00	0.00	GAA (EPDC)
5020322001	20	3D Printer Enclosure (Big) -Waterproof design -Tight zipper head -Corner connector 3-way - Aluminum foil with flame retardant Note: Mechanical accessories used in 3D printer for good heat preservation 5 pcs	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	17,600.00	17,600.00	0.00	GAA (EPDC)
5020399000	20	3D Printing Adhesive -Easy to use 3D printing adhesive designed -No smell -Non-toxic Note:Laboratory consumables used for the 3D printer 20 pcs	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	34,200.00	34,200.00	0.00	GAA (EPDC)
5020321013	20	Filament Dryer Rated Power: AC100-240V~50/60Hz Power Output: DC12V~3A Power of Drying Heater: 36W Note:Laboratory Tool used for the 3D printer as storage box of the filament 10 pcs	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	28,600.00	28,600.00	0.00	GAA (EPDC)
5020399000	20	PEI Plate -Flexible, removable, can stick to magnetics very well -High strength and heat resistance -Compatible with PLA, PETG, PEEK, ABS and any other filaments Note:Mechanical Accessories used in 3D Printing as its magnetic build plate 10 pcs	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	30,800.00	30,800.00	0.00	GAA (EPDC)
5020399000	20	Mini Drill Bits and Burrs Set 30PCS 3mm mini drill bits diamond burs grinding wheel abrasive shank wood stone engraving for dremel Note:Mechanical accessories used in 3D Printing that will smooth out 3D printed objects 4 sets	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	840.00	840.00	0.00	GAA (EPDC)
5020399000	20	Mini Cutting Discs, Wheel Saw and Blades Set 30pcs diamond cutting disc,wheel saw blades,set drill bit for dremel rotary tool Note:Mechanical Accessories used in 3D Printing that will smooth out and cut out 3D printed objects 4 sets	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	1,120.00	1,120.00	0.00	GAA (EPDC)
5020399000	20	Mini Brass Collet 11pcs/set brass drill chucks collet bits 0.5mm-3.2mm 4.3 shank Screw nut for dremel rotary tool Note:Mechanical accessories used as an extra accessory collet for drill 4 sets	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	600.00	600.00	0.00	GAA (EPDC)
5020201002	20	Packed Meals for REIINN GAA Workshops/IECs - Tentative schedule: October-November 2023 - Est. No of pax: max of 50 pax/site - No. of Locations: 3 venues (1 venue/day) - No. of days: 3 days - inclusive of 2 Snacks and Lunch with drinks 3 lots	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	75,000.00	75,000.00	0.00	GAA (REIINN); Modified description, amount, quantity/size, charging
5020702001	20	Portable Solar Panel Charging - 160w Solar Panel Kit - Foldable Purpose: Part of prototype assembly- power up the prototype 2 sets	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	56,500.00	56,500.00	0.00	GAA (REIINN)

5020702001	20	Stackable Bracket split design pole - length: 4 meters - diameter: 76mm - material: steel *part of the prototype assembly 6 pcs	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	22,000.00	22,000.00	0.00	GAA (REIINN)
5020399000	20	16mm Metal Push Smart Buttons Switch Hole diameter: 16mm Material: Nickel plated brass LED color: Blue Shell Color: Silver Max current: 4A * supplies for prototyping 4 pcs	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	576.00	576.00	0.00	GAA (REIINN)
5020399000	20	Micro HDMI to Ribbon - Right Angle (R Bend) Micro HDMI Plug Product Dimensions: 17.5mm x 15.0mm x 14.5mm / 0.7" x 0.6" x 0.6" * supplies for prototyping 6 pcs	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	660.00	660.00	0.00	GAA (REIINN)
5020399000	20	Mini RTC Module - 1Hz and 32.768kHz output. - Reset output and input buttons - Debounced High-speed (400KHz) I2C serial bus. - +2.3 V to +5.5 V supply voltage. * supplies for prototyping 4 pcs	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	272.00	272.00	0.00	GAA (REIINN)
5020399000	20	RJ45 Female-Male Panel Mount Ethernet Extension Cable Panel mount Ethernet 8P socket with Ethernet 8P plug at the cable end. Straight-through extension * supplies for prototyping 4 pcs	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	260.00	260.00	0.00	GAA (REIINN)
5020399000	20	HDMI to Ribbon Connector - Right Angle (R bend) HDMI Plug Adapter - Product Dimensions: 19.0mm x 17.0mm x 16.5mm / 0.7" x 0.7" x 0.6" * supplies for prototyping 2 pcs	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	630.00	630.00	0.00	GAA (REIINN)
5020399000	20	Power Adapter 12V 2A * Voltage Input: AC 100-240V * Frequency Response: 50/60Hz * supplies for prototyping 4 pcs	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	204.00	204.00	0.00	GAA (REIINN)
5020702001	20	W5 PRO Mini PC Intel Atom Z8350 CPU, 4 core 4 threads, 64 bit, 14nm 1.44GHz up to 1.92GHz, 2M cache * part of the prototype assembly 4 units	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	23,296.00	23,296.00	0.00	GAA (REIINN)
5020399000	20	2 Pin SW PC Power Cable On/Off Push Button Length: 50cm Package including: 5 x PC Power Cable 2 Pin * supplies for prototyping 2 pcs	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	110.00	110.00	0.00	GAA (REIINN)
5020399000	20	4 Ohm 3W LCD Panel Speaker Amplifier Audio Frequency Output Black (30mm x 70mm) -Part of RCast Prototype * supplies for prototyping 3 pairs	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	2,727.00	2,727.00	0.00	GAA (REIINN)
5020399000	20	Male USB A to Male Micro USB B Length: 25cm Angled: 90 Degree Fast Charging Male USB A to Male Micro USB B * supplies for prototyping 4 pcs	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	520.00	520.00	0.00	GAA (REIINN)
5020399000	20	HDMI Ribbon Cable: 0.2m FFC Feature: flexible, easy wiring EMI shielded, more stable transmission gold/tin-plating, anti-oxidation, capable of dealing with complex environment * supplies for prototyping 4 pcs	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	380.00	380.00	0.00	GAA (REIINN)
5020399000	20	Panel Mount Extension USB Cable - Micro B Male to Micro B Female Product Dimensions: 315.0mm x 25.3mm x 9.9mm / 12.4" x 1.0" x 0.4" * supplies for prototyping 4 pcs	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	1,920.00	1,920.00	0.00	GAA (REIINN)
5020399000	20	Heat Sink Set for Raspberry Pi 4B/3B+ Each set contains 4 heat sinks: +Heatsink 1: 14 x 14 x 5mm +Heatsink 2: 14 x 10 x 5mm +Heatsink 3: 9 x 9 x 5mm +Heatsink 4: 7 x 7 x 6mm * supplies for prototyping 3 sets	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	585.00	585.00	0.00	GAA (REIINN)

5020399000	20	REIINN NCR Corporate Jackets FRONT: - 1 embroidered logo + REIINN (text) BACK: - 2 embroidered logos (DOST-NCR, DOST-ASTI) - non-reversible, with pockets - Sample design to be provided by DOST-ASTI - Delivery: 30 days upon receipt of NTP * For important project activities (Ceremonial Signing, Turnover activities, Launching) 60 pcs	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	90,000.00	90,000.00	0.00	GIA (REIINN)
5020399000	20	REIINN NCR Round Neck Shirts FRONT: - 1 logo + REIINN (text) - 1 liner text below logo (6 words) SLEEVES: - 1 logo with text /sleeve - Sample design to be provided by DOST-ASTI - S-3XL - Delivery: 30 days upon receipt of NTP * For Installation, IECs, Turnover activities, ceremonial signing 60 pcs	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	15,000.00	15,000.00	0.00	GIA (REIINN)
5020201002	20	Packed Meals for REIINN NCR Workshops/IECs - Tentative schedule: September- October 2023 - Est. No of pax: max of 50 pax/site - No. of Locations: 2 sites (1 site/day) - No of days: 2 days - inclusive of AM Snacks, Lunch and PM snacks, with drinks 2 lots	SSED	NO	NP-53.9 Small Value Procurement	3rd - 4th Quarter of 2023	GOP	55,000.00	55,000.00	0.00	GIA (REIINN-NCR); Modified description, amount
5029903000	20	Catering services for REIINN NCR Milestone Activity - Tentative schedule: November-December 2023 (1 day) - Est. No of pax: max of 60 pax - Tentative Venue: NCR (exact location will be provided by end-user) - inclusive of 1 heavy snacks & 1 main course (Lunch or dinner) 1 lot	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	36,000.00	36,000.00	0.00	GIA (REIINN-NCR)
5020702002	20	REIINN NCR set top box Components Inclusive of: - 1 unit single board Computer 4GB - 1 unit single board computer power supply - 1 unit embedded systems- touch screen display - 1 pc storage drive 256 GB micro SD card - 1 pc ISDB-T USB Stick - 1 pc Nano wireless USB adapter *part of prototype assembly 1 lot	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	80,000.00	80,000.00	0.00	GIA (REIINN-NCR)
5020399000	20	Customized Bags for SARwAIS Project Event Size: At least 10 inches x8 inches Must include colored logo or design printing Design to be provided by end-user 250 pcs	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	75,000.00	75,000.00	0.00	GIA (SARwAIS)
5060405003	20	Network Server 1 unit of Desktop Workstation With at least an Intel Xeon E-2226G, Intel i5 or Intel i7 (equivalent or better) processor. 1 lot	SSED	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	150,000.00	0.00	150,000.00	GIA (SARwAIS); Modified description
5021103002	20	IP AND TECHNICAL RESEARCH SERVICES FOR TECHNOLOGY COMMERCIALIZATION PLAN AND INNOVATION STRATEGY OF HR LITE (1 technology/system) *Patent IP Filing inclusive of Prior Art search, Patent Report Drafting, and Patent/UM Prosecution until granted (issuance of certificate) (100,000.00). *Inclusive of administrative fees, taxes and other services, and government charges. Inclusive of conclusive report of all outputs, and presentation to the DOST-ASTI management. 1 lot	KMD	NO	NP-53.6 Scientific Scholarly Artistic Work Exclusive Technology and Media Services	4th Quarter of 2023	GOP	100,000.00	100,000.00	0.00	GIA (HR Lite); Modified description, PMO/ End-User
5021103002	20	IP AND TECHNICAL RESEARCH SERVICES FOR TECHNOLOGY COMMERCIALIZATION PLAN AND INNOVATION STRATEGY OF HR LITE (1 technology/system) IP Valuation written report inclusive of results with advice and recommendations (155,000.00). *Inclusive of administrative fees, taxes and other services, and government charges. Inclusive of conclusive report of all outputs, and presentation to the DOST-ASTI management. 1 lot	KMD	NO	NP-53.6 Scientific Scholarly Artistic Work Exclusive Technology and Media Services	4th Quarter of 2023	GOP	155,000.00	155,000.00	0.00	GIA (HR Lite); Modified description, PMO/ End-User
5021103002	20	IP AND TECHNICAL RESEARCH SERVICES FOR TECHNOLOGY COMMERCIALIZATION PLAN AND INNOVATION STRATEGY OF HR LITE (1 technology/system) Research report on Freedom-To-Operate/Technology Due Diligence/Technology Matching, inclusive of a written report with advice and recommendations (50,000.00) *Inclusive of administrative fees, taxes and other services, and government charges. Inclusive of conclusive report of all outputs, and presentation to the DOST-ASTI management. 1 lot	KMD	NO	NP-53.6 Scientific Scholarly Artistic Work Exclusive Technology and Media Services	4th Quarter of 2023	GOP	50,000.00	50,000.00	0.00	GIA (HR Lite); Modified description, PMO/ End-User
5021103002	20	IP AND TECHNICAL RESEARCH SERVICES - Technology Needs Assessment (TNA) and Technology Readiness Level (TRL) Written Report generation of one (1) technology, inclusive of presentation on the methodology and tools used with recommendations/advice. Inclusive of Admin Fees plus taxes and other charges. 1 lot	KMD	NO	NP-53.6 Scientific Scholarly Artistic Work Exclusive Technology and Media Services	4th Quarter of 2023	GOP	55,000.00	55,000.00	0.00	GIA (HR Lite); Modified description, PMO/ End-User

5020201002	20	Culmination of ASTI Projects and Stakeholder's Appreciation 1 day activity, 270 pax @ 700 (AM/PM snacks and lunch) 1 lot	FAD	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	189,000.00	189,000.00	0.00	GAA
5021308001	20	Supply, Delivery and Installation of Frosted Sticker 1 lot	FAD	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	72,000.00	72,000.00	0.00	GAA
5020504000	20	Very High Resolution Satellite Images -Description: Satellite Images -Delivery Terms: As ordered based on minutes 1 lot	SSED	NO	Competitive Bidding	4th Quarter of 2023	GOP	7,900,000.00	7,900,000.00	0.00	GAA (2022 Continuing)
5020504000	20	Very High Resolution Satellite Images -Description: Satellite Images -Delivery Terms: As ordered based on minutes 1 lot	SSED	NO	Competitive Bidding	4th Quarter of 2023	GOP	24,499,000.00	24,499,000.00	0.00	GAA (2022 Continuing)
5021199000	20	Engineering Consultancy Service for Structural Integrity Assessment of DOST-ASTI Building - Test for integrity and assessment for building cracks 1 lot	FAD	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	998,000.00	998,000.00	0.00	GAA
5021308001	20	Replacement and Repair of Roofing and Insulation of DOST- ASTI Building 1 lot	FAD	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	1,500,000.00	1,500,000.00	0.00	GAA
5020101000	20	Roundtrip Airfare Ticket from Manila to Iloilo to Manila Attendance to NSTW Iloilo Travel Duration: Nov. 22 to 24, 2023 Price: Php 9,250 Usual airline baggage allowance 1 lot	OD	NO	NP. 53.14 Direct Retail Purchase of Petroleum Fuel, Oil and Lubricant Products, Airline Tickets, and Online Subscriptions	4th Quarter of 2023	GOP	9,250.00	9,250.00	0.00	GAA
5021199000	20	Legal Services for Preparing, Filing of IP Application Prior Art Search (PAS) for up to four (4) technologies Patent / IP Drafting and Filing for up to ten (10) technologies 1 lot	OD	NO	NP-53.6 Scientific Scholarly Artistic Work Exclusive Technology and Media Services	4th Quarter of 2023	GOP	510,000.00	510,000.00	0.00	GAA
5020101000	20	Roundtrip Airfare Ticket from Manila to Cagayan De Oro (CDO) to Manila for the conduct of HANDA PILIPINAS Expo Mindanao: Enhancing Resilience and Sustainability for Mindanao, inclusive of additional baggage for marketing collaterals, service fees and taxes - Travel Dates: October 3-7, 2023 1 lot	OD	NO	NP. 53.14 Direct Retail Purchase of Petroleum Fuel, Oil and Lubricant Products, Airline Tickets, and Online Subscriptions	3rd Quarter of 2023	GOP	5,009.24	5,009.24	0.00	GAA
5020101000	20	Roundtrip Airfare Ticket from Manila to Cagayan De Oro (CDO) to Manila for the conduct of HANDA PILIPINAS Expo Mindanao: Enhancing Resilience and Sustainability for Mindanao, inclusive of additional baggage for marketing collaterals, service fees and taxes - Travel Dates: October 3-7, 2023 1 lot	OD	NO	NP. 53.14 Direct Retail Purchase of Petroleum Fuel, Oil and Lubricant Products, Airline Tickets, and Online Subscriptions	3rd Quarter of 2023	GOP	6,364.44	6,364.44	0.00	GAA
5029905003	20	Transportation and Setup of DOST-ASTI Exhibit to the 2023 NSTW, Iloilo City, November 2023 1 lot	OD	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	180,000.00	180,000.00	0.00	GAA
5020101000	20	Airline Tickets for Official Travel MNL-ILO-MNL - 2023 NSTW, Iloilo City, November 2023 - Attendance of DOST-ASTI exhibit staff to the 2023 NSTW, Iloilo City, November 2023 4 lots	OD	NO	NP. 53.14 Direct Retail Purchase of Petroleum Fuel, Oil and Lubricant Products, Airline Tickets, and Online Subscriptions	4th Quarter of 2023	GOP	54,000.00	54,000.00	0.00	GAA
5021501001	20	IP Related Fees - Industrial Design Application - Industrial Design Filing Fee (Php 1,720.00) - 1% LRF (Php 17.20) 1 lot	OD	NO		4th Quarter of 2023	GOP	1,737.20	1,737.20	0.00	GAA (TLO)
5021501001	20	IP Related Fees - Industrial Design Application - Industrial Design Filing Fee (Php 1,720.00) - 1% LRF (Php 17.20) 1 lot	OD	NO		4th Quarter of 2023	GOP	1,737.20	1,737.20	0.00	GAA (TLO)
5021501001	20	IP Related Fees - Industrial Design Application - Industrial Design Filing Fee (Php 1,720.00) - 1% LRF (Php 17.20) lot lot	OD	NO		4th Quarter of 2023	GOP	1,737.20	1,737.20	0.00	GAA (TLO)
5021501001	20	IP Related Fees - Trademark Application - Trademark Filing Fee (per class) (Php 1,200.00 x 2) - Publication and Opposition Fee (Php 900.00) - 1% LRF (Php 33.00) 2 lots	OD	NO		4th Quarter of 2023	GOP	6,666.00	6,666.00	0.00	GAA (TLO)
5021501001	20	IP Related Fees - Trademark Application - Trademark Filing Fee (per class) (Php 1,200.00 x 3) - Publication and Opposition Fee (Php 900.00) - 1% LRF (Php 45.00) 3 lots	OD	NO		4th Quarter of 2023	GOP	13,635.00	13,635.00	0.00	GAA (TLO)
5021501001	20	IP Related Fees - Trademark Application - Trademark Filing Fee (per class) (Php 1,200.00 x 2) - Publication and Opposition Fee (Php 900.00) - 1% LRF (Php 33.00) 2 lots	OD	NO		4th Quarter of 2023	GOP	6,666.00	6,666.00	0.00	GAA (TLO)
5021501001	20	IP Related Fees - Additional Trademark Fees - Issuance and Second Publication Fee (Php 1,484.70) - 1% LRF (Php 14.85) 1 lot	OD	NO		4th Quarter of 2023	GOP	1,499.55	1,499.55	0.00	GAA (TLO)
5021501001	20	IP Related Fees - Industrial Design Application - Industrial Design Filing Fee (Php 1,720.00) - 1% LRF (Php 17.20) 1 lot	OD	NO		4th Quarter of 2023	GOP	1,737.20	1,737.20	0.00	GAA (TLO)

5021501001	20	IP Related Fees - Manuals for Copyright - Copyright Filing Fee (Php 200.00) - Document Stamp fee (Php 35.00 x 2) 6 lots	OD	NO		4th Quarter of 2023	GOP	1,620.00	1,620.00	0.00	GAA (TLO)
5021501001	20	IP Related Fees - Trademark Application - Trademark Filing Fee (per class) (Php 1,200.00 x 2) - Publication and Opposition Fee (Php 900.00) - 1% LRF (Php 33.00) 2 lots	OD	NO		4th Quarter of 2023	GOP	6,666.00	6,666.00	0.00	GAA (TLO)
5021501001	20	IP Related Fees - Manuals for Copyright - Copyright Filing Fee (Php 200.00) - Document Stamp fee (Php 35.00 x 2) 7 lots	OD	NO		4th Quarter of 2023	GOP	1,890.00	1,890.00	0.00	GAA (TLO)
5021501001	20	IP Related Fees - Trademark Application - Trademark Filing Fee (per class) (Php 1,200.00 x 4) - Publication and Opposition Fee (Php 900.00) - 1% LRF (Php 57.00) 1 lot	OD	NO		4th Quarter of 2023	GOP	5,757.00	5,757.00	0.00	GAA (TLO)
5021501001	20	IP Related Fees - Manuals for Copyright - Copyright Filing Fee (Php 200.00) - Document Stamp fee (Php 35.00 x 2) 4 lots	OD	NO		4th Quarter of 2023	GOP	1,080.00	1,080.00	0.00	GAA (TLO)
5021501001	20	IP Related Fees - Trademark Application - Trademark Filing Fee (per class) (Php 1,200.00 x 2) - Publication and Opposition Fee (Php 900.00) - 1% LRF (Php 33.00) 1 lot	OD	NO		4th Quarter of 2023	GOP	3,333.00	3,333.00	0.00	GAA (TLO)
5021501001	20	IP Related Fees - Trademark Application - Trademark Filing Fee (per class) (Php 1,200.00 x 4) - Publication and Opposition Fee (Php 900.00) - 1% LRF (Php 57.00) 2 lots	OD	NO		4th Quarter of 2023	GOP	11,514.00	11,514.00	0.00	GAA (TLO)
5021501001	20	IP Related Fees - Manuals for Copyright - Copyright Filing Fee (Php 200.00) - Document Stamp fee (Php 35.00 x 2) 8 lots	OD	NO		4th Quarter of 2023	GOP	2,160.00	2,160.00	0.00	GAA (TLO)
5021501001	20	IP Related Fees - Manuals for Copyright - Copyright Filing Fee (Php 200.00) - Document Stamp fee (Php 35.00 x 2) 7 lots	OD	NO		4th Quarter of 2023	GOP	1,890.00	1,890.00	0.00	GAA (TLO)
5021199000	20	IP AND TECHNICAL RESEARCH SERVICES - Research report on Freedom-To-Operate/Technology Due Diligence/Technology Matching, inclusive of a written report with advice and recommendations. *All items inclusive of administrative fees, taxes and other services, and government charges. Inclusive of conclusive report of all outputs, and presentation to the DOST-ASTI management. 3 lots	OD	NO	NP-53.6 Scientific Scholarly Artistic Work Exclusive Technology and Media Services	4th Quarter of 2023	GOP	150,000.00	150,000.00	0.00	GAA (TLO)
5029903000	20	Representation - Catering Services for NSTW Iloilo 2023 - for 50 pax - 450 pesos (AM Snacks and Lunch) - Tentative: November 25, 2023 1 lot	OD	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	22,500.00	22,500.00	0.00	GAA (TLO)
5020201002	20	Catering Services - Training and Certification of MASID Licensee - for 20 pax for 2 days - AM and PM Snacks & Lunch - Schedule: December 2023 1 lot	OD	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	28,000.00	28,000.00	0.00	GAA (TLO)
5029902000	20	Brochures - Tri-fold brochure, - Offset, back-to-back printing and - full color print in 8.5in x 14in size 500 pcs	OD	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	13,750.00	13,750.00	0.00	GAA (TLO)
5020101000	20	Roundtrip Airfare Ticket from Manila to Iloilo to Manila for the conduct of National Science, Technology and Innovation Week Iloilo 2023 inclusive of additional baggage for marketing collaterals, service fees and taxes Travel Dates: November 21-27, 2023 2 lots	OD	NO	NP. 53.14 Direct Retail Purchase of Petroleum Fuel, Oil and Lubricant Products, Airline Tickets, and Online Subscriptions	4th Quarter of 2023	GOP	20,000.00	20,000.00	0.00	GAA (TLO)
5020101000	20	Roundtrip Airfare Ticket from Manila to Tacloban to Manila for the conduct of HANDA Pilipinas Visayas Leg inclusive of additional baggage for marketing collaterals, service fees and taxes Travel Dates: November 7-10, 2023 1 lot	OD	NO	NP. 53.14 Direct Retail Purchase of Petroleum Fuel, Oil and Lubricant Products, Airline Tickets, and Online Subscriptions	4th Quarter of 2023	GOP	10,000.00	10,000.00	0.00	GAA (TLO)
5020399000	20	Alcohol Spray Bottle - Capacity: 50 ml - With silicon case and keychain holder - tokens for regional events 150 pcs	OD	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	3,750.00	3,750.00	0.00	GAA (TLO)

5029905003	20	Vehicle Rental - Transportation for Handa Pilipinas Mindanao Leg Activities, October 2023 - Tentative Schedule: October 3, 2023 - Vehicle Type: Van - Duration: 1 day rental - Location: Cagayan de Oro City to Bukidnon to Cagayan de Oro City 1 lot	OD	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	6,000.00	6,000.00	0.00	GAA (TLO); Modified amount, PMO/End-user
5021501001	20	IP Related Fees - Trademark Filing Fee - Wordmark - Php 1,200.00 per class - with 900 Publication and Opposition Fee - 1% Legal Research Fund 1 lot	OD	NO		4th Quarter of 2023	GOP	2,121.00	2,121.00	0.00	GAA (TLO)
5021501001	20	IP Related Fees - Trademark Filing Fee - Wordmark - Php 1,200.00 per class - with 900 Publication and Opposition Fee - 1% Legal Research Fund 1 lot	OD	NO		4th Quarter of 2023	GOP	2,121.00	2,121.00	0.00	GAA (TLO)
5021501001	20	IP Related Fees - Trademark Filing Fee - Wordmark - Php 1,200.00 per class - with 900 Publication and Opposition Fee - 1% Legal Research Fund 3 lots	OD	NO		4th Quarter of 2023	GOP	4,545.00	4,545.00	0.00	GAA (TLO)
5021501001	20	IP Related Fees - Outputs for Copyrights - Copyright Filing Fee (Php 200.00) - Document Stamp fee (Php 35.00 x 2) 1 lot	OD	NO		4th Quarter of 2023	GOP	270.00	270.00	0.00	GAA (TLO)
5021103002	20	IP AND TECHNICAL RESEARCH SERVICES OF PRELIMINARY COMMERCIALIZATION/TECHNOLOGY TRANSFER AND MARKET STRATEGY FOR THREE (3) TECHNOLOGIES - Patent IP Filing inclusive of Prior Art search, Patent Report Drafting, and Patent/UM Prosecution until granted (issuance of certificate) - IP Valuation written report inclusive of results with advice and recommendations *All items inclusive of administrative fees, taxes and other services, and government charges. Inclusive of advice and recommendations per report, per technology, and presentation to the DOST-ASTI management. 1 lot	OD	NO	NP-53.6 Scientific Scholarly Artistic Work Exclusive Technology and Media Services	4th Quarter of 2023	GOP	750,000.00	750,000.00	0.00	GIA (IMPACT); Modified description
5021103002	20	IP AND TECHNICAL RESEARCH SERVICES FOR IP MANAGEMENT AND INNOVATION STRATEGY FOR TECHNOLOGY TRANSFER/COMMERCIALIZATION - IP Audit Analysis with Technology Readiness Level (TRL) Report generation of the initial IP inventory output from the agency (77 technologies). Inclusive of advice and recommendations and conclusion. Inclusive of 1-day presentation on methodology and tools used. Inclusive of Admin Fees plus taxes and other charges. 1 lot	OD	NO	NP-53.6 Scientific Scholarly Artistic Work Exclusive Technology and Media Services	4th Quarter of 2023	GOP	180,000.00	180,000.00	0.00	GIA (IMPACT); Modified description
5020101000	20	Roundtrip Airfare Ticket from Manila to Cagayan De Oro (CDO) to Manila for the conduct of HANDA PILIPINAS Expo Mindanao: Enhancing Resilience and Sustainability for Mindanao, inclusive of additional baggages for marketing collaterals, service fees and taxes - Travel Dates: October 3-7, 2023 2 lots	OD	NO	NP-53.14 Direct Retail Purchase of Petroleum Fuel, Oil and Lubricant Products, Airline Tickets, and Online Subscriptions	4th Quarter of 2023	GOP	11,537.20	11,537.20	0.00	GIA (IMPACT); Modified amount
5020399000	20	Lock Nut - M3 Note: For Consumable 10 packs	RDD	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	650.00	650.00	0.00	GIA (ROAMER); Modified description, quantity/size, amount
5020399000	20	18650 Battery Note: For Consumable 200 pcs	RDD	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	33,000.00	33,000.00	0.00	GIA (ROAMER); Modified description, quantity/size, amount
5020399000	20	6S 18650 BMS Protection Board Note: For Consumable 5 pcs	RDD	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	1,200.00	1,200.00	0.00	GIA (ROAMER)
5020399000	20	18650 Insulator Ring Sticker (Pack of 100) Note: For Consumable 5 packs	RDD	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	1,925.00	1,925.00	0.00	GIA (ROAMER)
5020399000	20	Fish Paper Note: For Consumable 3 rolls	RDD	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	1,320.00	1,320.00	0.00	GIA (ROAMER)
5020399000	20	Silicone Coated 20AWG High Temp Copper Stranded Wire - 5 Color Set Spools Note: For Consumable 2 sets	RDD	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	1,100.00	1,100.00	0.00	GIA (ROAMER)
5020399000	20	Stainless Steel Screw with Washer and Nut M16 x 70mm Note: For Consumable 25 pcs	RDD	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	6,875.00	6,875.00	0.00	GIA (ROAMER)
5020399000	20	Washer Note: For Consumable 25 pcs	RDD	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	1,125.00	1,125.00	0.00	GIA (ROAMER)



5020399000	20	TTL / USB Debugging Board for Servo Motor Note: For Tools 1 pc	RDD	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	1,700.00	1,700.00	0.00	GIA (ROAMER)
5020399000	20	Double-Shaft Servo Frame/Bracket: Long U-shape Frame Note: For Consumable 5 pcs	RDD	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	975.00	975.00	0.00	GIA (ROAMER)
5020399000	20	Double-Shaft Servo Frame/Bracket: Big Cross U-shape Frame Note: For Consumable 5 pcs	RDD	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	975.00	975.00	0.00	GIA (ROAMER)
5020399000	20	Double-Shaft Servo Frame/Bracket: Short U-shape Frame Note: For Consumable 5 pcs	RDD	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	975.00	975.00	0.00	GIA (ROAMER)
5020399000	20	Double-shaft Servo Frame/Bracket: Metal Servo Horn Note: For Consumable 5 pcs	RDD	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	1,000.00	1,000.00	0.00	GIA (ROAMER)
5020399000	20	Double-shaft Servo Frame/Bracket: Small U-shape frame Note: For Consumable 5 pcs	RDD	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	975.00	975.00	0.00	GIA (ROAMER)
5020702002	20	USB 3.0 Extension Cable Note: To be used as part of the prototype 2 pcs	RDD	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	1,540.00	1,540.00	0.00	GIA (ROAMER)
5020702002	20	Ball Bearing, 6006 with Rubber Seals Note: To be used as part of the prototype 2 pcs	RDD	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	1,650.00	1,650.00	0.00	GIA (ROAMER)
5020702002	20	Ball Bearing, 6212 with Rubber Seals Note: To be used as part of the prototype 2 pcs	RDD	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	7,700.00	7,700.00	0.00	GIA (ROAMER)
5020702002	20	Thrust Ball Bearing, 53204 Note: To be used as part of the prototype 2 pcs	RDD	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	6,600.00	6,600.00	0.00	GIA (ROAMER)
5020702002	20	Ball Bearing, 624 with Rubber Seals Note: To be used as part of the prototype 6 pcs	RDD	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	4,200.00	4,200.00	0.00	GIA (ROAMER)
5020702002	20	Ball Bearing, 625 with Rubber Seals Note: To be used as part of the prototype 6 pcs	RDD	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	2,640.00	2,640.00	0.00	GIA (ROAMER)
5020702002	20	Ball Bearing, 638/4 with Metal Shields Note: To be used as part of the prototype 2 pcs	RDD	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	3,600.00	3,600.00	0.00	GIA (ROAMER)
5020702002	20	Servo Motor LD-260MG Note: To be used as part of the prototype 2 pcs	RDD	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	11,200.00	11,200.00	0.00	GIA (ROAMER)
5020702002	20	Servo Motor HTD-45H Note: To be used as part of the prototype 5 pcs	RDD	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	17,000.00	17,000.00	0.00	GIA (ROAMER)
5020702002	20	DC-DC Converter Note: To be used as part of the prototype 5 pcs	RDD	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	3,000.00	3,000.00	0.00	GIA (ROAMER)
5020702002	20	DC-DC Buck Boost Converter Module (5A) Note: To be used as part of the prototype 2 pcs	RDD	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	2,200.00	2,200.00	0.00	GIA (ROAMER)
5020702002	20	120W DC-DC Converter 12V@10A Note: To be used as part of the prototype 2 pcs	RDD	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	5,600.00	5,600.00	0.00	GIA (ROAMER)
5021305003	20	Internal SSD Storage - 2TB Note: Upgrade of existing storage of laptops 3 pcs	RDD	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	38,280.00	38,280.00	0.00	GIA (ROAMER)
5020399000	20	Reflective Vest/ Traffic Vest *Reflective Lines Size: *Length: 57cm *Height: 65cm Purpose: For Consumable 12 pcs	RDD	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	2,430.00	2,430.00	0.00	GIA (VIROS)
5020399000	20	Safety Gloves with Rubberized Grip *Thick Coating of rubber *Thick Cloth for better protection Purpose: For Consumable 12 pcs	RDD	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	388.80	388.80	0.00	GIA (VIROS)
5020399000	20	Construction Hard Hat SPECIFICATIONS: *Heavy Duty *Standard Size *White Purpose: For Consumable 12 pcs	RDD	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	1,927.80	1,927.80	0.00	GIA (VIROS)

5020399000	20	Arm Sleeve *Type: Arm Sleeves *Gender: Unisex Adults(40-80kg) *Material: Ice silk *Material:Rayon *Item Length:Free Size Purpose: For Consumable 12 pairs	RDD	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	1,150.20	1,150.20	0.00	GIA (VIROS)
5020399000	20	Safety Glasses SPECIFICATIONS: *Glass Material *Eye Protection *Wide and Clear Lenses FEATURES: *Anti fog coating *Lightweight frame *flexible temples for comfortable fit Purpose: For Consumable 5 pcs	RDD	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	418.50	418.50	0.00	GIA (VIROS)
5020399000	20	Raincoat *Soft polyester with PVC backing *Color : *Free size:144 X 202cm Purpose: For Consumable 12 pcs	RDD	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	1,555.20	1,555.20	0.00	GIA (VIROS)
5020399000	20	Head Lamp SPECIFICATIONS: *Brightness: 100 lumens *Use Alkaline 3AAA Battery *Max 91m Beam Distance *IPX4 Raining Resistant *Durable *Good Quality *Compact Design *Light Weight Purpose: For Tools 5 pcs	RDD	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	1,822.50	1,822.50	0.00	GIA (VIROS)
5020399000	20	Early Warning Device *1 YELLOW *1 RED SPECIFICATIONS: *min.100mm *max.200mm *With plastic case Purpose: For Tools 4 sets	RDD	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	1,047.60	1,047.60	0.00	GIA (VIROS)
5020399000	20	Handheld Strobe Lights *WIDE USE - With ultra bright light, our hand-held traffic conductor LED light stick can be a indicator when parking or any other traffic command,also can use for traffic controls, emergency alerts, parking guides, construction crews etc. *MULTI- FUNCTION - Each traffic safety baton has two flashing modes: blinking and steady-glow. *NON SLIP - Non-slip handle, strong and durable, firm grip. *WATERPROOF - Our traffic wand can be used in light rain, but not used in water or heavy rain. *Material: PVC *Color: Red *Size:54cm *Package Included:1 X Traffic Baton Purpose: For Tools 8 pcs	RDD	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	1,350.00	1,350.00	0.00	GIA (VIROS)
5020399000	20	Hazard Tape *Material - The safety tape is made of strong rubber adhesive and vinyl material. It is resistant to oil, solvents and moisture, and is easy to stick to clean and dry surfaces. *High Visibility - Bright yellow and striking black provide visual warnings. When people see striped caution warning strips, they know to be cautious - no language is required! Great for walls, floors, pillars, steps. *No Slippery Hazard - Our floor marking tape has a flat, smooth surface, and the vinyl surface of the tape is not glossy, thus it prevents it from being slippery when you walk or drive over it. *Multi-Applications - Our hazard tape has strong adhesion and can be used for floor marking, lane marking, security coding, hazard marking, as well as sealing and bundling. *High Performance - The caution tape has the characteristics of long-lasting viscosity, tear resistant and wear resistant, and has unique stretchability to stretch and fit even on curved surfaces and corners. Purpose: For Consumable 10 pcs	RDD	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	1,000.00	1,000.00	0.00	GIA (VIROS)

5020321013	20	<ul style="list-style-type: none"> <li>Power Driver</li> <li>SPECIFICATIONS:</li> <li>*Rated Voltage: 12V</li> <li>*No-load Speed:</li> <li>- Frist Gear: 0-400rpm</li> <li>- Second Gear: 0-1500rpm</li> <li>*Torque (Soft/Hard/Max.): 14/30/- Nm</li> <li>*Weight Excl. Battery: 0.9kg</li> <li>*Battery Type: Lithium-Ion</li> <li>*Max. Impact Rate: 22,500 bpm</li> <li>*Chuck Capacity (Min./max.): 0.8 / 10 mm</li> <li>*Torque Settings: 20+2</li> <li>*Drilling Diameter:</li> <li>- Max. Drilling Diameter in Wood: 20mm</li> <li>- Max. Drilling Diameter in Steel: 10mm</li> <li>- Max. Drilling Diameter in Masonry: 8mm</li> <li>*Screw Diameter:</li> <li>- Max. Screw Diameter: 8mm</li> <li>FEATURES:</li> <li>*Tool holder</li> <li>*Keyless chuck</li> <li>*Torque presetting ring</li> <li>*Torque selector switch (GSB 120-LI)</li> <li>*Gear selector switch</li> <li>*Rotational direction switch</li> <li>*Handle (insulated gripping surface)</li> <li>* On/off switch</li> <li>*PowerLight</li> <li>*Compact and Handy</li> <li>*New Stronger 12 Volts Lithium Ion Batteries</li> <li>Purpose: For Tools</li> <li>1 unit</li> </ul>	RDD	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	5,506.65	5,506.65	0.00	GIA (VIROS)
5020702001	20	<ul style="list-style-type: none"> <li>Rpi</li> <li>*Processor: Broadcom BCM2711 Processor Quad core A72 (ARM v8) 64-bit SoC</li> <li>*Memory (depending on model): 1GB, 2GB, 4GB or 8GB LPDDR4-3200 SDRAM</li> <li>*Bluetooth: Bluetooth 5.0</li> <li>*WiFi: 2.4GHz/5.0GHz IEEE 802.11ac</li> <li>*Ethernet: Gigabit Ethernet</li> <li>*USB: 2 x USB 2.0 ports, 2 x USB 3.0 ports</li> <li>*Connection: 40-pin GPIO Header</li> <li>*HDMI: 2 x micro HDMI ports (up to 4Kp60 supported)</li> <li>*Video: 2-lane MIPI DSI display port, 2-lane MIPI CSI camera port</li> <li>*Audio: 4 Pole stereo output and composite video port</li> <li>*Multimedia: H.265 (4Kp60 decode), H.264 (1080p60 decode, 1080p30 encode, OpenGL ES 3.0 graphics.</li> <li>*Storage: microSD card slot for loading operating system and data storage</li> <li>*Input power: 5v DC via USB-C Connector (min 3A), 5v DC via GPIO header. POE enabled (PoE HAT required)</li> <li>Purpose: To be used as part of the prototype</li> <li>3 units</li> </ul>	RDD	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	24,259.50	24,259.50	0.00	GIA (VIROS)
5020702001	20	<ul style="list-style-type: none"> <li>Pico Pi</li> <li>*Processor : NXP i.MX8M Mini</li> <li>*Architecture: ARM Cortex-A53 + M4</li> <li>*AI / ML : OpenCL CPU: 32 GOPS</li> <li>*PMIC : ROHM BD71847</li> <li>*Memory: Upto 4GB LPDDR4</li> <li>*Storage: 16GB eMMC (default)</li> <li>*Board-to-Board Connector: PICO 70-pin Hirose connectors</li> <li>*System on Module: PICO SOM</li> <li>*Debug Interface: Micro USB debug</li> <li>Purpose: To be used as part of the prototype</li> <li>2 units</li> </ul>	RDD	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	27,556.20	27,556.20	0.00	GIA (VIROS)
5020702001	20	<ul style="list-style-type: none"> <li>Sim Card</li> <li>*All-in-one Mobile App.</li> <li>*Convert Data to Calls and Text with 'Mo Creds</li> <li>*No Bills. No Load Required.</li> <li>*Nationwide LTE Coverage</li> <li>*5G Ready</li> <li>*With 30GB, No Expiry Data</li> <li>*5G &amp; LTE Ready</li> <li>*FREE SIM CARD</li> <li>Purpose : To be used as part of prototype</li> <li>5 pcs</li> </ul>	RDD	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	2,693.25	2,693.25	0.00	GIA (VIROS)
5020702001	20	<ul style="list-style-type: none"> <li>Wi Fi Microcontroller Module</li> <li>ESP 32 MCU development kit with provision for external wifi antenna (IPEX port)</li> <li>*Type: Transceiver: 802.11 b/g/n (Wi-Fi, WiFi, WLAN), Bluetooth Smart Ready 4.x Dual Mode</li> <li>*Frequency: 2.4GHz</li> <li>*ESP32-WROVER-IE Chip or equivalent</li> <li>Purpose: To be used as part of the prototype</li> <li>4 pcs</li> </ul>	RDD	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	4,180.00	4,180.00	0.00	GIA (VIROS); Modified amount

5020702001	20	Circuit Breaker *Miniature Circuit AC Breaker *2P 6A Purpose: To be used as part of the prototype 4 pcs	RDD	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	1,540.00	1,540.00	0.00	GIA (VIROS); Modified amount
5020702001	20	Din Railing *Aluminum or Steel *12cm *1mmTHK x 35mmW Purpose: To be used as part of the prototype 4 pcs	RDD	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	240.00	240.00	0.00	GIA (VIROS); Modified amount
5020321013	20	Automatic Wire Stripper/Crimper *3 in 1 multi-function stripping, cutting and crimping *Stripping wires range:10/AWG-24AWG (0.2-6mm <sup>2</sup> ) *Durable and comfortable handle *Cutting function: copper and aluminum wires *Crimping functions: Crimp the insulated terminals: 0.5-6mm <sup>2</sup> (10-22 AWG) , *Crimp the non-insulated terminals: 0.5-6mm <sup>2</sup> (4-22 AWG) , Crimp the ignition terminals: 7-8mm <sup>2</sup> Purpose: For Tools 2 pcs	RDD	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	1,914.00	1,914.00	0.00	GIA (VIROS); Modified amount
5020321013	20	Digital Multimeter Tester *LCD Display 1999 counts *DC Voltage: 200mV to 600V *AC Voltage: 200V/600V *DC Current: 200uA to 10A *inclusive of: -2pcs battery -1pc negative probe -1pc positive probe -user manual Purpose: For Tools 2 sets	RDD	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	1,276.00	1,276.00	0.00	GIA (VIROS); Modified description, unit of measure, amount
5020321013	20	Intelligent Laser Measure Rangefinder *100m Effective Range *Automatic Horizontal & Vertical Measurement *Electronic Level, Real Time Angle *2" Large Easy Read LCD Screen *Switchable Units *Distance, Area, Volume measurement Purpose: For Tools 1 unit	RDD	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	2,530.00	2,530.00	0.00	GIA (VIROS); Modified amount
5020702001	20	Wireless Microcontroller Board *Type: Transceiver; 802.11 b/g/n (Wi-Fi, WiFi, WLAN) *Frequency : 2.4GHz *For Use With/Related Products: ESP32-S2-WROVER-1 Purpose: To be used as part of the prototype 5 pcs	RDD	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	3,045.60	3,045.60	0.00	GIA (VIROS)
5020399000	20	Metal Drill Bit Set *Product Specifications: *8pcs/set *For metal use *1180 *DIN 338 *Sizes included: 1pc - 2mm , 2pcs - 3mm , 2pcs - 4mm , 1pc - 5mm , 1pc - 6mm , 1pc - 8mm Purpose: For Consumable 4 sets	RDD	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	486.00	486.00	0.00	GIA (VIROS)
5020399000	20	Copper Stranded Wire *Color : Green, Blue, Yellow, Black, Red *Rated voltage: 300V *Temperature range: 80° *Manufacturing Country/Region: China *Insulation: environmentally friendly PVC *Application range: various electronic *connections, etc. (widely used) *Diameter of each copper wire: 0.1mm~0.25mm *Conductor material: tinned copper wire *Size range: 22AWG, 20AWG *Conductor type: copper stranded wire Purpose: For Consumable 4 boxes	RDD	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	3,200.00	3,200.00	0.00	GIA (VIROS)
5020702001	20	Nylon Cable Gland *PG-07 *UL Nylon 66, 94V-2 & Tight Ring from *Rubber *IP68 *Working Temp: -40 to 100 Degrees Celcius Purpose: To be used as part of the prototype 6 pcs	RDD	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	907.20	907.20	0.00	GIA (VIROS)

5020702001	20	Compensator Module for V2X wireless communication modules *Compensating cable loss and maintain expected output power - It is applicable architecture for Autotalks based V2X module. - Surface mount type 23.5 x 20.0 x 2.8 mm3 - Weight : 2.25g - MSL : 3 - RoHS complian *Normal condition : 25degC, VDD_12=12V *Compatibility with Autotalks SECTON/CRATON2-SDK (verified by SDK5.19) - Support both of DSRC/CV2X mode *In addition, it has following key functions. Each notification will be delivered via RF coaxial cable. - TSSI feedback notification - Heartbeat notification Purpose: To be used as part of the prototype5 units	RDD	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	23,625.00	23,625.00	0.00	GIA (VIROS)
5020702001	20	N Type Male to SMA Female Connector RF Coax Coaxial Adapter Adapter Type: Plug to Jack Conversion Type: Conversion Type Adapter Series: SMA to N Center Gender: Female to Male Convert From (Adapter End): SMA Jack, Female Socket Convert To (Adapter End): N Plug, Male Pin Style: Straight Mounting Type: Free Hanging (In-Line) Fastening Type: Threaded, Threaded Frequency - Max: 6 GHz Connector 1SMA Purpose: To be used as part of prototype 15 pcs	RDD	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	8,636.10	8,636.10	0.00	GIA (VIROS)
5020702001	20	SMA Male to SMA Male Cable Connector Type: Coaxial Cable Type: Coaxial Compatible Devices: Router Special Feature: Wireless SMA male to male 5m 16.4ft low loss and Flexible RG58 coaxial cable. The braid shield is made of 96*0.12*0.14 mm aluminum wire,over 95% coverage,low loss and maximum protect the signal. Ultra Low Loss Extension Cable for antenna, the advantage of Pure Copper inner extend cable are high frequency low loss, low impedance, Transmission performance. Purpose: To be used as part of prototype 15 pcs	RDD	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	13,467.30	13,467.30	0.00	GIA (VIROS)
5020702001	20	SMA Female to U.FL Connector Type: Coaxial Cable Type: Coaxial Connector Gender: Female-to-Female Shape: Round Connector 1:SMA Female straight Connector 2:IPX/U.FL Connector Impedence :50 ohm Cable Length: 6 inch (15cm) Purpose: To be used as part of prototype 30 pcs	RDD	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	17,964.00	17,964.00	0.00	GIA (VIROS)
5020321003	20	GNSS Antenna *Antenna : GPS Antenna *Number of Channels:60 *Impedance:50 Ohm *Maximum Range:3 Meters *Item Dimensions: LxWxH 1.18 x 1.18 x 0.39 inches *GPS L1, GLONASS G1,Beidou B1 , Galileo E1 Bands included. Ideal for GPS signal boosting of the GPS device or other IoT devices! Purpose: For tools and component for prototype 8 pcs	RDD	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	17,112.80	17,112.80	0.00	GIA (VIROS)
5020321003	20	Antenna *Antenna: WiFi Antenna *Color: RP-SMA 6E WiFi Antenna 2-pack *Impedance: 50 Ohm *Maximum Range: 150 Feet *Tri band WiFi: 2.4g(2400-2500MHz)/5g(5150-5850MHz)/6g(5900-7125MHz); Support 802.11 b/g/n/ac/ax/wifi 6/wifi 6e; Gain: 6dbi *Support Wi-Fi 6E: the new 6 GHz band can bring more bandwidth, faster speeds, lower latency, and less interference; perfect for online gaming and streaming 4K/8K video Purpose: For tools and component for prototype 15 pcs	RDD	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	13,739.85	13,739.85	0.00	GIA (VIROS)

5020702001	20	PCIE Riser *Type: MINI PCI-E To MINI PCI-E Card *Interface Type: Mini PCI Express *Connector Gender: Female-to-Male *Product name: mini pcie riser *Product name: Mini PCI-E TO Mini PCI-E Riser Card *Cable Length: 15cm *Product Interface: Mini PCI-E *Material: PCB Purpose : To be used as part of the prototype 6 pcs	RDD	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	6,000.00	6,000.00	0.00	GIA (VIROS)
5020702001	20	Terminal Block 1 set includes 4 pcs. of the following: *5A *10A Purpose: To be used as part of the prototype 1 set	RDD	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	216.00	216.00	0.00	GIA (VIROS)
5020702001	20	Bandpass Filter Connector Type: SMA Coaxial Connector Gender: Female-to-Male Connector 1:SMA Female Connector 2:SMA Male Impedence :50 ohm Center Frequency: 6260 MHz Passband Frequency: 5600-7000 MHz Stopband Frequency: (Loss > 20dB) 4200 MHz, 9300 MHz Stopband Frequency: (Loss 30dB Typ) 4100 MHz, 9300-18000 MHz Operating Temperature: -55°C to 100°C Storage Temperature: -55°C to 100°C RF Power Input: 7W at 25°C Purpose: To be used as part of prototype 9 pcs	RDD	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	34,742.79	34,742.79	0.00	GIA (VIROS)
5020702001	20	Low Noise Amplifier Connector Type: SMA Coaxial Connector Gender: Female-to-Female Impedence :50 ohm Frequency: 0.5-9 GHz Noise: 1.4 dB at 2 GHz Gain: 21 dB typ. IP3: +35 dBm at 2 GHz Gain flatness: ±1.5 dB over 0.5 to 7 GHz @12V Operating Temperature: -40°C to 85°C Storage Temperature: -55°C to 100°C Total Power Dissipation: 1.5 W Input Power (CW): +19 dBm (5 minutes max.), +16 dBm (continuous) Purpose: To be used as part of the prototype 9 pcs	RDD	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	145,207.62	145,207.62	0.00	GIA (VIROS)
5020321002	20	Power Supply Unit Input Voltage and Current: 100 - 240 VAC 3A Frequency: 50/60 Hz Output Voltage: 12 VDC Output Current: up to 12.5 A Power: 150W Purpose: For tools and component for prototype 9 pcs	RDD	NO	NP-53.9 Small Value Procurement	4th Quarter of 2023	GOP	9,109.44	9,109.44	0.00	GIA (VIROS)
<b>TOTAL</b>								<b>45,062,293.45</b>	<b>44,912,293.45</b>	<b>150,000.00</b>	

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