

Annual Procurement Plan for 2020
APP-2020-NCSE-020 (SUPPLEMENTAL)

Code	Procurement Program/Activity/Project	PMO/ End-User	Mode of Procurement	Schedule for Each Procurement Activity				Source of Fund	Estimated Budget (Php)			Remarks (Brief Description of Program/Activity/ Project)
				Advertisement/ Posting of IB/REI	Submission/ Opening of Bids	Notice of Award	Contract Signing		Total	MOOE	CO	
50205030 00	20 Local Transport to Court of Appeals CDO - City Tourism Office, City Hall Complex, CDO for 3 months	SSED	NP-53.9 Small Value Procurement	4th Quarter of 2020				GOP	215,000.00	215,000.00	0.00	Innovate
50205030 00	20 Renewal of Connectivity Subscription (including Membership) to APNIC from December 1, 2020 - December 31, 2020	SSED	Renewal of WETI	4th Quarter of 2020				GOP	25,000.00	25,000.00	0.00	Innovate
50205030 00	20 Connectivity Subscription (including Membership) to SGIX from October 1, 2020 - December 31, 2020	SSED		4th Quarter of 2020				GOP	135,000.00	135,000.00	0.00	Innovate thru MOA
50299070 01	20 Remote Sensing Network Processing Based Subscription Note: 2 licenses Duration: At least five months 1 lot	SSED	Competitive Bidding	3rd Quarter of 2020				GOP	2,520,800.00	2,520,800.00	0.00	PEDRO
50205040 00	20 Daily Optical Image Capture Services 1 lot	SSED	Competitive Bidding	3rd Quarter of 2020				GOP	1,380,000.00	1,380,000.00	0.00	PEDRO
50203990 00	20 ARG Mountings, Pole mast and Concrete Platform Inclusions Solar Panel Holder Control Box Holder Pole mast Concrete Platform 1 lot	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2020				GOP	45,000.00	45,000.00	0.00	PEDRO
50203210 02	20 Digital Clamp Meter AC Current (Jaw) Range -999.9 A Resolution - 0.1 A Accuracy-1.5 % ±5 digits (45 Hz to 400 Hz) 1 lot	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2020				GOP	13,225.79	13,225.79	0.00	PEDRO
50606020 00	20 Demodulator License Upgrade 1 lot	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2020				GOP	700,000.00	0.00	700,000.00	PEDRO
50604050 03	20 Laptops Mobile Computers 1 lot	SSED	Competitive Bidding	4th Quarter of 2020				GOP	300,000.00	0.00	300,000.00	PEDRO
50299070 01	20 Subscription Upgrade for Remote Sensing Processing Network Note: 2 Licenses Duration: At least five months 1 lot	SSED	Competitive Bidding	3rd Quarter of 2020				GOP	1,970,800.00	1,970,800.00	0.00	SAGAP
50207020 02	20 Laser Rangefinder range: at least 2200 meters 1 set	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2020				GOP	47,000.00	47,000.00	0.00	SAGAP
50204020 00	20 Data Center Electricity Expense for 1 month (July 2020)	SSED	Renewal of WETI	3rd Quarter of 2020				GOP	211,000.00	211,000.00	0.00	SAGAP
50213050 03	20 4TB SAS Ent. Hard Disk 3.5" server grade Capacity: 4TB Interface: SAS 512n 1 unit	SSED	NP-53.9 Small Value Procurement	3rd - 4th Quarter of 2020				GOP	15,900.00	15,900.00	0.00	SAGAP
50203990 00	20 ANTI SLIP LAPTOP STAND / LAPTOP RISER -- ALUMINUM FOLDABLE ADJUSTABLE NOTEBOOK STAND • Anti Slip Silicone - Holds your device very stable • High Quality Aluminum Material 5 units	SSED	NP-53.9 Small Value Procurement	4th Quarter of 2020				GOP	4,400.00	4,400.00	0.00	SAGAP
50204020 00	20 Data Center Electricity Expense for 2 months (August to September, 2020)	SSED	Renewal of WETI	3rd Quarter of 2020				GOP	700,000.00	700,000.00	0.00	SAR with AIS
50211990 00	20 Fabrication of Corner Reflectors 1 lot	SSED	NP-53.9 Small Value Procurement	3rd - 4th Quarter of 2020				GOP	900,000.00	900,000.00	0.00	SAR with AIS
50299040 00	20 Shipment fee for the delivery of items to Iloilo GRS 1 lot	SSED	NP-53.9 Small Value Procurement	4th Quarter of 2020				GOP	15,000.00	15,000.00	0.00	ULAT
50211030 02	20 Professional Electronics Engineer (PECE) Sign and Seal - Sign and seal network diagrams, elevation documents, necessary permits for ULAT antenna with the NTC 1 lot	SSED	NP-53.7 Highly Technical Consultants	3rd - 4th Quarter of 2020				GOP	20,000.00	20,000.00	0.00	ULAT
50211990 00	20 Service for the maintenance of antenna in Dumangas, Iloilo (Region VI) 1 lot	SSED	NP-53.9 Small Value Procurement	3rd - 4th Quarter of 2020				GOP	8,000.00	8,000.00	0.00	ULAT
50203210 02	20 Pressurized Power washer - High pressure washer - Preferably 1200Watts or higher - Preferably PSI 1450 or higher 2 units	SSED	NP-53.9 Small Value Procurement	4th Quarter of 2020				GOP	14,000.00	14,000.00	0.00	ULAT
50203210 02	20 Garden Hose - 45-60 meters or 2 hoses adjoining with heavy-duty screw-on male and female connectors 1 lot	SSED	NP-53.9 Small Value Procurement	4th Quarter of 2020				GOP	3,000.00	3,000.00	0.00	ULAT

50203990 00	20	Power Regulator Encapsulated Switch Mode Power Supply Input: 80 → 264 V ac Output: 5Vdc, 1A 5 pcs	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2020	GOP	5,975.00	5,975.00	0.00	GRASPED
50203990 00	20	Sensor - Temperature NTC Thermistors, Miniature Immersion Sensor 20 pcs	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2020	GOP	2,500.00	2,500.00	0.00	GRASPED
50203990 00	20	Embedded Module Low Power Machine Learning BLE Cortex-M4F 2 pcs	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2020	GOP	1,740.00	1,740.00	0.00	GRASPED
50203990 00	20	Development Board Low-power machine learning BLE-M4F module 3 pcs	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2020	GOP	5,760.00	5,760.00	0.00	GRASPED
50203990 00	20	Development Board LTC4162 Battery Charger Power Management Evaluation Board for Li-Ion 1 pc	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2020	GOP	13,500.00	13,500.00	0.00	GRASPED
50203990 00	20	Development Board LTC4162 Battery Charger Power Management Evaluation Board for LiFePO4 1 pc	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2020	GOP	13,500.00	13,500.00	0.00	GRASPED
50203990 00	20	Embedded Module Bluetooth, WiFi 802.11b/g/n, Bluetooth v4.2 + EDR, Class 1, 2 and 3 Transceiver Module 2.4GHz ~ 2.5GHz Integrated, Trace Surface Mount 5 pcs	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2020	GOP	2,500.00	2,500.00	0.00	GRASPED
50203990 00	20	Development Board Universal e-Paper Raw Panel Driver Board, ESP32 WiFi / Bluetooth Wireless 3 pcs	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2020	GOP	4,350.00	4,350.00	0.00	GRASPED
50203990 00	20	Display - e-Paper 250x122, 2.13inch E-Ink raw display panel 3 pcs	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2020	GOP	2,250.00	2,250.00	0.00	GRASPED
50203990 00	20	Display - e-Paper 296x128, 2.9inch E-Ink raw display panel 3 pcs	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2020	GOP	2,850.00	2,850.00	0.00	GRASPED
50203990 00	20	Display - e-Paper driver Universal e-Paper Raw Panel Driver HAT 3 pcs	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2020	GOP	2,850.00	2,850.00	0.00	GRASPED
50203990 00	20	Display - e-Paper module 200x200, 1.54inch E-Ink display module 3 pcs	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2020	GOP	4,500.00	4,500.00	0.00	GRASPED
50203990 00	20	Cable - Heat Shrink Tubing set Clear Halogen Free 2:1, Heat Shrink Tubing Kit 3 mm, 3.2 mm, 6.4 mm, 9 mm Sleeve Dia. x 100mm Length 1 pc	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2020	GOP	7,000.00	7,000.00	0.00	GRASPED
50203990 00	20	Cable - Heat Shrink Tubing 2mm Clear No 3:2:1, Heat Shrink Tubing 2mm Sleeve Dia. x 1.2m Length 1 pc	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2020	GOP	1,100.00	1,100.00	0.00	GRASPED
50203990 00	20	Cable - Heat Shrink Tubing 12mm Clear No 3:1, Heat Shrink Tubing 12mm Sleeve Dia. x 4m Length 1 pc	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2020	GOP	1,500.00	1,500.00	0.00	GRASPED
50203990 00	20	Development Board Nordic Thingy:91 Cellular IoT Prototyping Kit 1 pc	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2020	GOP	12,100.00	12,100.00	0.00	GRASPED
50203990 00	20	Development Board RF Development Tools LTE IoT click 1 pc	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2020	GOP	7,600.00	7,600.00	0.00	GRASPED
50203990 00	20	Cable Gland Colour: Black IP Rating: IP68 Material: Polyamide Maximum Cable Diameter: 10mm Maximum Operating Temperature: +100°C Minimum Cable Diameter: 4.5mm Minimum Operating Temperature: -20°C Thread Size: M16 50 pcs	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2020	GOP	8,500.00	8,500.00	0.00	GRASPED
50203990 00	20	Connector Receptacle Type: Plug Standard Series, Male Connector & Female Pin Field Installable, 180° Push Lock Type, Solder 6Pin, IP68, 125V, 10A 50 pcs	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2020	GOP	17,500.00	17,500.00	0.00	GRASPED

50203010 01	20	WIRELESS MOUSE A. Features: 1. Automatically puts itself to sleep when not in use 2. On/off switch 3. Wireless connection up to 10m away 4. Without click noise 5. Durable build and tactile feedback 6. Battery will last up to 24 months 7. With soft rubber grip to improve control 8. Color: black 9. Approx. 90g 10. With nano receiver 11. With pre-installed battery 12. Ultra slim profile 13. Compatible with Windows, Mac, Linux and Chrome OS 10 pcs	SSED	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	12,000.00	12,000.00	0.00	GRASPED
50203990 00	20	Industrial Cable American Wire Gauge 24 Cable Shape Multicore Conductor Material Tinned Copper Conductor Resistance 26 /1000ft Core Strands 7/0.20 mm Cross Sectional Area 0.23 mm² Drain Wire Yes Fire Behaviour Flame Retardant Insulation Material PVC Length 30m Maximum Operating Temperature +90°C Minimum Bend Radius 10 x D Minimum Operating Temperature -20°C Number of Cores 8 Number of Strands 7 Outer Diameter 5.56mm Screen Type Aluminium/PET Foil Screened/Unscreened Screened Sheath Colour Black Sheath Material PUR Size of Strands 0.20 mm Voltage Rating 30 1 roll	SSED	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	18,000.00	18,000.00	0.00	GRASPED
50203990 00	20	75 MHz to 1 GHz Telescope Antenna Antenna length range: 7"-34" Weight: 25g 1 unit	SSED	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	2,200.00	2,200.00	0.00	GRASPED
50203990 00	20	Case - Smoke Base - w/ Clear Top compatible with Raspberry Pi Case Dimensions (without lid): 93mm x 63mm x 25mm / 3.7" x 2.5" x 1.0" Lid Thickness: 4mm / 0.2" 5 units	SSED	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	2,750.00	2,750.00	0.00	GRASPED
50203990 00	20	2.13" Monochrome E-Ink Bonnet compatible with Raspberry Pi -Compatible with any Raspberry Pi computer that has a 2x20 connector, such as the Pi B+, Pi 2, Pi 3, Pi 4, and Pi Zero 5 units	SSED	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	6,750.00	6,750.00	0.00	GRASPED
50203990 00	20	DC & Stepper Motor Bonnet compatible with Raspberry Pi 4 H-Bridges: TB6612 chipset provides 1.2A per bridge with thermal shutdown protection, internal kickback protection diodes. Can run motors on 4.5VDC to 13.5VDC. 1 unit	SSED	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	1,575.00	1,575.00	0.00	GRASPED
50203990 00	20	16-Channel PWM / Servo Bonnet compatible Raspberry Pi Board Dimensions (w/o components): 65mm x 30.4mm x 8mm / 2.5" x 1.19" x 0.31" Weight: 8.5g / .29oz 1 unit	SSED	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	700.00	700.00	0.00	GRASPED
50203990 00	20	Mini Pan-Tilt Kit - Assembled with Micro Servos Base: 37mm x 33mm x 3mm / 1.5" x 1.3" x 0.1" Mounting Hole Distances: 30mm x 26mm / 1.2" x 1" 2 units	SSED	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	2,700.00	2,700.00	0.00	GRASPED
50203990 00	20	Pan-Tilt HAT compatible with Raspberry Pi Unassembled HAT dimensions: 65.0mm x 8.0mm / 2.6" x 2.2" x 0.3" Unassembled HAT weight: 15.3g / 0.5oz 2 units	SSED	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	2,300.00	2,300.00	0.00	GRASPED
50203990 00	20	Geophone - SM-24 (seismic sensor) Frequency Natural Frequency 10Hz Tolerance +/- 2.5% 3 units	SSED	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	12,000.00	12,000.00	0.00	GRASPED
50203990 00	20	Vertical Axis Seismograph Board • compatible with Pi Zero, Pi Zero (W), 3 Model B, 2/3/4 Model B(+), Model B (+), Model B (old) • accommodate 1 vertical Geophone sensor • sampling rate: 100 sps 1 unit	SSED	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	14,000.00	14,000.00	0.00	GRASPED
50203990 00	20	RF Connector Kit RF Coaxial Inter Series Adapter Kit Impedance 50 ohm Frequency Range 0 – 1 GHz VSWR 1.5 max Return Loss 13.978 dB min. 2 units	SSED	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	21,800.00	21,800.00	0.00	GRASPED

50203210 03	20	Handheld Spectrum Analyzer (240-960, 2.35-2.55) Features: Pocket size and light weight Solid aluminum metal case Spectrum Analyzer mode with Peak Max and Hold, Normal, Overwrite and Averaging modes 1 unit	SSED	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	12,000.00	12,000.00	0.00	GRASPED
50203990 00	20	Embedded module with 433 Mhz Lora Radio Product Dimensions: 50.8mm x 23.0mm x 7.2mm / 2.0" x 0.9" x 0.3" Product Weight: 5.6g / 0.2oz 6 units	SSED	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	14,100.00	14,100.00	0.00	GRASPED
50203990 00	20	Antenna ANT-4WHIP3H-SMA, Whip SMA 433MHz Antenna Style Whip Connector Type SMA Antenna Length 216mm 6 units	SSED	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	2,400.00	2,400.00	0.00	GRASPED
50203990 00	20	CASE PLSTC YLW 19.75"L X 15.53"W Container Type Case Size / Dimension 19.750" L x 15.530" W (501.65mm x 394.46mm) Height 7.460" (189.48mm) Area (L x W) 307in ² (1981cm ²) 2 units	SSED	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	17,000.00	17,000.00	0.00	GRASPED
50203990 00	20	Lux Sensor comes with 4.7K pullups on I2C Product Dimensions: 16.6mm x 16.5mm x 4.0mm / 0.7" x 0.6" x 0.2" Product Weight: 1.0g / 0.0oz 2 units	SSED	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	660.00	660.00	0.00	GRASPED
50299050 03	20	Vehicle Rental for Region 3 (BULACAN) 1 lot	SSED	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	50,000.00	50,000.00	0.00	GRASPED
50299020 00	20	Printing of ARRL Handbook of Communications 2017 1 lot	SSED	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	10,000.00	10,000.00	0.00	GRASPED
50203990 00	20	Thermal Imaging Module compatible with FLIR Lepton 2.5 • Effective Frame Rate: 8.6 Hz (commercial application exportable) • Input Clock: 25-MHz nominal, CMOS IO Voltage Levels • Output Format: User-selectable 14-bit, 8-bit (AGC applied), or 24-bit RGB (AGC and colorization applied) • Pixel Size: 17 µm 2 units	SSED	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	31,000.00	31,000.00	0.00	GRASPED
50203990 00	20	Smart I/O Board compatible with FLIR Lepton • Power Inputs -Micro USB • Maximum Input Voltage (LiPo/H1) -5.5v • Lepton Core Support -Lepton 2.x and 3.x 2 units	SSED	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	17,000.00	17,000.00	0.00	GRASPED
50203990 00	20	Adapter Module for thermal vision • Expansion -I2C, UART, GPIO, JTAG • Processor -STM32F412 (1M Flash, 512K RAM) • Thermal Video Outputs -UVC over USB 2 units	SSED	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	2,300.00	2,300.00	0.00	GRASPED
50203010 02	20	ANTI SLIP LAPTOP STAND / LAPTOP RISER -- ALUMINUM FOLDABLE ADJUSTABLE NOTEBOOK STAND • Anti Slip Silicone - Holds your device very stable • High Quality Aluminum Material 5 units	SSED	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	4,400.00	4,400.00	0.00	GRASPED
50203210 03	20	HQ Wide Angle Camera Lens compatible with Raspberry Pi • Resolution: 3MP • Image Format: 0.5" • Aperture: F1.2 1 unit	SSED	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	2,150.00	2,150.00	0.00	GRASPED
50203210 03	20	HQ Camera Module compatible with Raspberry Pi • 12.3 megapixels, 7.9mm sensor diagonal, 1.55µm x 1.55µm pixel size • Output: RAW12/10/8, COMP8 • Back focus: Adjustable (12.5mm – 22.4mm) 2 units	SSED	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	11,100.00	11,100.00	0.00	GRASPED
50203210 03	20	PRO HD Webcam,1080p (at30 fps) Technical Specifications Max Resolutions: 1080p/30fps- 720p/30fps Focus type: autofocus 2 units	SSED	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	12,300.00	12,300.00	0.00	GRASPED
50203210 03	20	Panoramic 360° Camera • Image processor: compatible with Ambarella A12 • Image sensor: compatible with Sony IMX 206 • Compatibility-Android 5.0/IOS 8.0 and higher 1 unit	SSED	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	11,000.00	11,000.00	0.00	GRASPED
50203990 00	20	100 mm ToF Range Finder Sensor • Size- 4.8 x 2.8 x 1.0 mm • Ranging 0 to 100mm • Compatible with Sparkfun VL6180 1 unit	SSED	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	2,034.48	2,034.48	0.00	GRASPED
50203990 00	20	60m Infrared ToF Range Sensor • Principle Infrared Time-of-Flight • Range 0.5 m to 60 m • Update Rate: Up to 240 readings per second 1 unit	SSED	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	10,658.48	10,658.48	0.00	GRASPED

50203990 00	20	drawer Plastic Tool Box, 508 x 249 x 249mm • Material-Plastic • Box Type-Tool Box • Length-508mm 1 unit	SSED	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	2,250.00	2,250.00	0.00	GRASPED
50203210 03	20	HQ Camera Lens - 16mm Telephoto compatible with Raspberry Pi • Resolution: 10MP • Image Format: 1" • Aperture: F1.4-16 1 unit	SSED	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	5,100.00	5,100.00	0.00	GRASPED
50203010 01	20	All-in-1 Type C Adapter Resolution: HDMI: 4K / VGA: 1080 P Card Reader: SD/TF Cards Shield: Aluminum foil braid 1 unit	SSED	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	2,700.00	2,700.00	0.00	GRASPED
50203990 00	20	1-Channel LoRa Gateway • CH340C USB-to-Serial interface • Micro-B USB connector for power and programming 2 units	SSED	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	4,600.00	4,600.00	0.00	GRASPED
50203990 00	20	Embedded Module with 868/915 Mhz Lora Radio Measures 2.0" x 0.9" x 0.28" (51mm x 23mm x 8mm) without headers soldered in Weight 5.5 grams ATmega32u4 @ 8MHz with 3.3V logic/power 4 units	SSED	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	10,000.00	10,000.00	0.00	GRASPED
50203990 00	20	868/915 Mhz Antenna Kit (Compatible with Lora and Sigfox) Inclusions: 1x RP-SMA (Male) Tilt Swivel 1/2 Wave Whip Antenna 1x RP-SMA (Female) JK-IPEX MHF U.F.L. 1.13 - 100MM 1x Mounting Screw Hardware 4 units	SSED	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	4,200.00	4,200.00	0.00	GRASPED
50203990 00	20	868Mhz LoRaWAN Developer Gateway Type: Connectors • LoRa Module: Compatible with RAK2246 / Semtech SX1308 chip • GPS Module: Compatible with Ublox MAX-7Q GPS module 1 unit	SSED	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	9,600.00	9,600.00	0.00	GRASPED
50203990 00	20	High Precision Cjmcu-1220 Ads1220 Adc Spi Low Power 24 Bit A/d Converter Sensor Module Low current consumption: as low as 120µA in duty cycle mode (typical) Power range: 3 V-5 V Up to 20 effective resolutions 2 units	SSED	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	2,700.00	2,700.00	0.00	GRASPED
50203990 00	20	Drawer Storage Unit, Transparent Drawers, 334mm x 391mm x 197mm Height-334mm Width-391mm Depth-197mm 1 unit	SSED	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	3,990.00	3,990.00	0.00	GRASPED
50203990 00	20	PP 12 Drawer Storage Unit, Transparent Drawers, 290mm x 310mm x 180mm Drawers-6 Case Material-PP Height-290mm Width-310mm Depth-180mm 1 unit	SSED	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	4,750.00	4,750.00	0.00	GRASPED
50203990 00	20	Stainless Steel, Tweezer Set Material-Stainless Steel No. of Pieces-7 2 units	SSED	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	5,400.00	5,400.00	0.00	GRASPED
50203990 00	20	Transparent PP, Adjustable Compartment Box, 81mm x 457mm x 330mm Number of Compartments-25 Height-81mm Width-457mm Depth-330mm Adjustable Compartments=Yes 2 units	SSED	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	3,100.00	3,100.00	0.00	GRASPED
50203990 00	20	Breadboard - Full-Size (Bare) Dimensions: 6.5 x 2.1 x 0.38" (165.1 x 54.29 x 9.68mm) 3 units	SSED	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	450.00	450.00	0.00	GRASPED
50203990 00	20	Jumper Wire Kit - 140pcs • 10x Jumper Wire - 2mm 22AWG • 10x Jumper Wire - 5mm 22AWG • 10x Jumper Wire - 7mm 22AWG • 10x Jumper Wire - 10mm 22AWG 1 unit	SSED	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	410.00	410.00	0.00	GRASPED
50203990 00	20	Rechargeable batteries with smart quick charger • Type: Rechargeable Battery • Capacity: 950 mAh 2 units	SSED	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	11,300.00	11,300.00	0.00	GRASPED
50203990 00	20	AA Rechargeable Battery Pack of 4 • Type: Rechargeable Battery • Capacity: 2550mAh 3 units	SSED	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	6,000.00	6,000.00	0.00	GRASPED

50203990 00	20	<ul style="list-style-type: none"> USB WIFI (802.11b/g/n) Module with Antenna compatible with Raspberry Pi • Compatible with RTL8192cu Chipset • Antenna Length: 150mm / 5.9" • Sticks out 48mm (1.9") beyond USB port • Weight: 6g 2 units	SSED	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	2,700.00	2,700.00	0.00	GRASPED
50203990 00	20	<ul style="list-style-type: none"> LTE / GPS IOT shield compatible with Arduino • LTE Cat M1, LTE Cat NB1 and EGPRS multi-mode solution in the miniature SARA LGA form factor (26.0 x 16.0 mm, 96-pin). • allow an easy integration into compact designs and a seamless drop-in migration from other u-blox cellular module families. 1 unit	SSED	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	5,950.00	5,950.00	0.00	GRASPED
50203990 00	20	<ul style="list-style-type: none"> LTE Antenna 175mm Duck SMA Male • high-gain duck antenna designed for LTE devices that operate in the 690-960MHz and 1710-2690 MHz bands. • Center Frequency: 690-960/1710-2690 MHz • Polarization: Linear 1 unit	SSED	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	900.00	900.00	0.00	GRASPED
50203990 00	20	<ul style="list-style-type: none"> Interface Cable SMA to U.FL • This is a 4" connector cable that interfaces U.FL RF connectors to regular SMA connectors. • Frequency Range:DC~12.4GHz • VSWR:$\leq 1.10+0.02f$ • Impedance:50 Ω 8 units	SSED	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	2,200.00	2,200.00	0.00	GRASPED
50203210 02	20	<ul style="list-style-type: none"> Industrial Multimeter • Multimeter Type-Digital • Absolute Maximum AC Current Measurement-10A ac • Absolute Maximum DC Current Measurement-10A dc • Absolute Maximum DC Voltage Measurement-1000V dc • Absolute Maximum Resistance Measurement-40MΩ 1 unit	SSED	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	13,200.00	13,200.00	0.00	GRASPED
50203990 00	20	<ul style="list-style-type: none"> 5m Tape Measure, Metric & Imperial • Length-5m • Blade Width-19 mm 1 unit	SSED	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	850.00	850.00	0.00	GRASPED
50203990 00	20	<ul style="list-style-type: none"> Velcro, Black Tape, 20mm x 10m • Colour-Black • Width-20mm • Length-10m • Hook Type-Hook & Loop 3 units	SSED	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	4,500.00	4,500.00	0.00	GRASPED
50203990 00	20	<ul style="list-style-type: none"> 2.4GHz Dipole Swivel Antenna with RP-SMA - 5dBi • Type: Dipole • Connector: Option • Polarization Linear Vertical 4 units	SSED	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	2,440.00	2,440.00	0.00	GRASPED
50203990 00	20	<ul style="list-style-type: none"> 2.4GHz Mini Flexible WiFi Antenna with uFL Connector - 100mm • Operating Range: 2400-2500MHz / 4900-5900MHz • Efficiency: 90% • Bandwidth (VSWR: 2.0 max.) 140 MHz / SWR < 2.0 4 units	SSED	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	680.00	680.00	0.00	GRASPED
50203990 00	20	<ul style="list-style-type: none"> Lithium Ion Polymer Battery - 3.7v 2500mAh • Nominal Capacity Minimum: 2375 mAh; Typical 2500 Mah • Nominal Voltage 3.7V • Charging Cut-off Voltage 4.2 V • Discharge Cut-off Voltage 3.0 V 8 units	SSED	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	5,200.00	5,200.00	0.00	GRASPED
50203210 03	20	<ul style="list-style-type: none"> 4 Port USB Power Charger • High-Speed USB-C Charging: Charge USB-C notebooks including Dell XPS 13 and MacBook Air 2018 at full speed via a 45W USB-C port. • Charge 4 Devices Simultaneously: A PowerIQ 3.0 enabled USB-C port pumps out a max 45W output to charge virtually any USB-C device at top speed, while 3 USB ports share a total of 20W to provide optimized charging for mobile devices. 3 units	SSED	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	9,900.00	9,900.00	0.00	GRASPED
50203990 00	20	<ul style="list-style-type: none"> Extension Cord Set with Individual Switch 6 Gang 1.83 meter wire • 6-gang universal outlet with individual switch • Rigid brass strips for internal connection • Outlets are made of copper material for better grip 2 units	SSED	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	1,760.00	1,760.00	0.00	GRASPED
50203210 03	20	<ul style="list-style-type: none"> WiFi Multi-Band Antenna • Internal/External-External • RF Protocols-WiFi, 2G (GSM/GPRS), 3G (UTMS), 4G (LTE) 2 units	SSED	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	9,500.00	9,500.00	0.00	GRASPED
50203990 00	20	<ul style="list-style-type: none"> Quad core 64 bit 4GB Embedded Computer • Processor: Compatible with Broadcom BCM2711 Processor Quad core A72 (ARM v8) 64-bit SoC • Memory : at least 4GB LPDDR4 SDRAM • Bluetooth: Bluetooth 5.0 4 units	SSED	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	14,000.00	14,000.00	0.00	GRASPED
50203010 01	20	<ul style="list-style-type: none"> 32 Gb SD Card • Memory Capacity: 32GB • Type: MicroSDHC Memory Card • Class: Class 10 10 units	SSED	Shopping	4th Quarter of 2020	GOP	3,500.00	3,500.00	0.00	GRASPED

50203990 00	20	<ul style="list-style-type: none"> Arduino compatible embedded module with Bluetooth Low Energy • BLE module: Compatible with NRF51822 chipset from Nordic • MCU: Compatible with ATSAM21G18 @ 48MHz with 3.3V logic/power 4 units	SSED	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	8,200.00	8,200.00	0.00	GRASPED
50203990 00	20	<ul style="list-style-type: none"> Rechargeable 5V Lipo USB Boost @ 1A - 1000C • Synchronous operation. • completely turn off the output 2A internal switch (~2.5A peak limiting) means you can get 1000mA+ from a 3.7V LiPoly/Lilon battery. 2 units	SSED	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	2,800.00	2,800.00	0.00	GRASPED
50203990 00	20	<ul style="list-style-type: none"> AI HAT for Edge Computing o 1x USB 2.0 Device, Type C(Power and Programming) o 6x Grove Interface: include 1x Digital IO, 1x PWM, 1x I2C, 1x UART, 2x ADC o 1x Power LED, 1x Boot LED(can be used as User LED) 2 units	SSED	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	4,100.00	4,100.00	0.00	GRASPED
50203990 00	20	<ul style="list-style-type: none"> ReSpeaker 4-Mic Array compatible with Raspberry Pi • Dimensions-65mm x65mm x9mm • Weight-3.1W 38g • Battery-Exclude • MIC-4 analog microphones 2 units	SSED	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	3,900.00	3,900.00	0.00	GRASPED
50203990 00	20	<ul style="list-style-type: none"> Doppler Radar 24GHz Transceiver • Transmission Frequency-Min: 24GHz; Typical: 21.125GHz; Max: 24.25GHz • Output Power (EIRP)-7dBm @ 25°C • Update Time-300ms 1 unit	SSED	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	4,500.00	4,500.00	0.00	GRASPED
50203990 00	20	<ul style="list-style-type: none"> USB Power Adapter • Output Interface: USB • Power Source: USB • Model Number:TK05S • Compatible with: SmartPhone 6 units	SSED	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	2,250.00	2,250.00	0.00	GRASPED
50211990 00	20	PCB Board Fabrication 1 lot	SSED	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	50,000.00	50,000.00	0.00	GRASPED
50203210 03	20	LCD MONITORS Diagonal Viewing Size 59.9 cm 23.6 Inches (23.6-inch wide viewable image size) Panel Type, Surface TN , Anti-Glare with 3H hardness 8 units	SSED	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	86,400.00	86,400.00	0.00	GRASPED
50203010 02	20	ALCOHOL, isopropyl, 68%- 72%, 500ml (-5ml) 200 bottles	SSED	NP-53.5 Agency-to-Agency	4th Quarter of 2020	GOP	10,000.00	10,000.00	0.00	GRASPED
50203010 02	20	PAPER, Multi-Purpose (COPY) A4, 70 gsm 125 reams	SSED	NP-53.5 Agency-to-Agency	4th Quarter of 2020	GOP	17,500.00	17,500.00	0.00	GRASPED
50203010 02	20	PAPER, PARCHMENT, size: 210 x 297mm, multi-purpose 20 boxes	SSED	NP-53.5 Agency-to-Agency	4th Quarter of 2020	GOP	2,000.00	2,000.00	0.00	GRASPED
50203010 02	20	TOILET TISSUE PAPER, 2-ply, 100% recycled 60 packs	SSED	NP-53.5 Agency-to-Agency	4th Quarter of 2020	GOP	5,400.00	5,400.00	0.00	GRASPED
50203010 02	20	BATTERY, dry cell, AA, 2 pieces per blister pack 34 packs	SSED	NP-53.5 Agency-to-Agency	4th Quarter of 2020	GOP	1,360.00	1,360.00	0.00	GRASPED
50203010 02	20	BATTERY, dry cell, AAA, 2 pieces per blister pack 30 packs	SSED	NP-53.5 Agency-to-Agency	4th Quarter of 2020	GOP	660.00	660.00	0.00	GRASPED
50203010 02	20	RULER, plastic, 450mm (18"), width: 38mm min 10 pcs	SSED	NP-53.5 Agency-to-Agency	4th Quarter of 2020	GOP	200.00	200.00	0.00	GRASPED
50203010 02	20	CLIP, BACKFOLD, all metal, clamping: 19mm (-1mm) 50 boxes	SSED	NP-53.5 Agency-to-Agency	4th Quarter of 2020	GOP	500.00	500.00	0.00	GRASPED
50203010 02	20	CLIP, BACKFOLD, all metal, clamping: 25mm (-1mm) 50 boxes	SSED	NP-53.5 Agency-to-Agency	4th Quarter of 2020	GOP	850.00	850.00	0.00	GRASPED
50203010 02	20	SCISSORS, symmetrical, blade length: 65mm min 10 pcs	SSED	NP-53.5 Agency-to-Agency	4th Quarter of 2020	GOP	450.00	450.00	0.00	GRASPED
50203010 02	20	PENCIL SHARPENER, manual, single cutter head 2 pcs	SSED	NP-53.5 Agency-to-Agency	4th Quarter of 2020	GOP	410.00	410.00	0.00	GRASPED
50203010 02	20	TAPE DISPENSER, TABLE TOP, for 24mm width tape 10 pcs	SSED	NP-53.5 Agency-to-Agency	4th Quarter of 2020	GOP	650.00	650.00	0.00	GRASPED
50203010 02	20	CALCULATOR, compact, 12 digits 10 pcs	SSED	NP-53.5 Agency-to-Agency	4th Quarter of 2020	GOP	3,500.00	3,500.00	0.00	GRASPED
50203010 02	20	DIGITAL VOICE RECORDER, memory: 4GB (expandable) 1 pc	SSED	NP-53.5 Agency-to-Agency	4th Quarter of 2020	GOP	6,500.00	6,500.00	0.00	GRASPED
50203010 02	20	Multimeter Delivery: 30 days upon issuance of NTP 3 units	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2020	GOP	4,950.00	4,950.00	0.00	RuralSync
50203010 02	20	Soldering Station Delivery: 30 days upon issuance of NTP 1 unit	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2020	GOP	12,298.00	12,298.00	0.00	RuralSync
50203990 00	20	Desoldering Pump Delivery: 30 days upon issuance of NTP 3 pcs	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2020	GOP	330.00	330.00	0.00	RuralSync
50203990 00	20	Soldering Iron Tip Cleaner Delivery: 30 days upon issuance of NTP 2 pcs	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2020	GOP	330.00	330.00	0.00	RuralSync

50203990 00	20	0.6 mm Soldering Lead Delivery: 30 days upon issuance of NTP 2 pcs	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2020	GOP	605.00	605.00	0.00	RuralSync
50203990 00	20	0.8 mm Soldering Lead Delivery: 30 days upon issuance of NTP 2 pcs	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2020	GOP	770.00	770.00	0.00	RuralSync
50203990 00	20	1.00 mm Soldering Lead Delivery: 30 days upon issuance of NTP 2 pcs	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2020	GOP	770.00	770.00	0.00	RuralSync
50203990 00	20	Angled Tweezer Delivery: 30 days upon issuance of NTP 3 pcs	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2020	GOP	264.00	264.00	0.00	RuralSync
50203990 00	20	Solder Wick Delivery: 30 days upon issuance of NTP 3 pcs	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2020	GOP	330.00	330.00	0.00	RuralSync
50203990 00	20	Soldering Iron Kit Delivery: 30 days upon issuance of NTP 1 kit	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2020	GOP	1,100.00	1,100.00	0.00	RuralSync
50203990 00	20	USB Controller Delivery: 30 days upon issuance of NTP 15 pcs	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2020	GOP	10,800.00	10,800.00	0.00	RuralSync
50203990 00	20	3.3V Voltage Regulator Delivery: 30 days upon issuance of NTP 10 pcs	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2020	GOP	960.00	960.00	0.00	RuralSync
50203990 00	20	10 uF Stabilizing Capacitors Delivery: 30 days upon issuance of NTP 20 pcs	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2020	GOP	190.00	190.00	0.00	RuralSync
50203990 00	20	EEPROM Delivery: 30 days upon issuance of NTP 10 pcs	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2020	GOP	285.00	285.00	0.00	RuralSync
50203990 00	20	USB Connector Delivery: 30 days upon issuance of NTP 10 pcs	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2020	GOP	222.50	222.50	0.00	RuralSync
50203990 00	20	Safety Fuse for 5V USB Delivery: 30 days upon issuance of NTP 10 pcs	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2020	GOP	410.00	410.00	0.00	RuralSync
50203990 00	20	24 MHz Crystal 12 pF Delivery: 30 days upon issuance of NTP 10 pcs	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2020	GOP	212.50	212.50	0.00	RuralSync
50203990 00	20	20 Position Male Header Delivery: 30 days upon issuance of NTP 20 pcs	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2020	GOP	1,940.00	1,940.00	0.00	RuralSync
50203990 00	20	2 Position Male Header Delivery: 30 days upon issuance of NTP 20 pcs	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2020	GOP	40.00	40.00	0.00	RuralSync
50203990 00	20	DPDT Momentary Switch Delivery: 30 days upon issuance of NTP 10 pcs	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2020	GOP	682.00	682.00	0.00	RuralSync
50203990 00	20	Reset Button Delivery: 30 days upon issuance of NTP 10 pcs	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2020	GOP	297.50	297.50	0.00	RuralSync
50203990 00	20	Power Indicator Delivery: 30 days upon issuance of NTP 10 pcs	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2020	GOP	325.00	325.00	0.00	RuralSync
50203990 00	20	Flag Indicator Delivery: 30 days upon issuance of NTP 20 pcs	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2020	GOP	650.00	650.00	0.00	RuralSync
50203990 00	20	10 uF Bypass Capacitor Delivery: 30 days upon issuance of NTP 10 pcs	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2020	GOP	365.80	365.80	0.00	RuralSync
50203990 00	20	0.1 uF Bypass Capacitor Delivery: 30 days upon issuance of NTP 110 pcs	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2020	GOP	1,512.50	1,512.50	0.00	RuralSync
50203990 00	20	12 pF Load Capacitor for Xtal Delivery: 30 days upon issuance of NTP 20 pcs	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2020	GOP	320.00	320.00	0.00	RuralSync
50203990 00	20	1uF Bypass Capacitor Delivery: 30 days upon issuance of NTP 10 pcs	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2020	GOP	220.00	220.00	0.00	RuralSync
50203990 00	20	Ferrite Bead Delivery: 30 days upon issuance of NTP 100 pcs	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2020	GOP	900.00	900.00	0.00	RuralSync
50203990 00	20	100 kOhm Resistor Delivery: 30 days upon issuance of NTP 10 pcs	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2020	GOP	30.00	30.00	0.00	RuralSync
50203990 00	20	10 kOhm Resistor Delivery: 30 days upon issuance of NTP 10 pcs	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2020	GOP	30.00	30.00	0.00	RuralSync
50203990 00	20	1 kOhm Resistor Delivery: 30 days upon issuance of NTP 10 pcs	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2020	GOP	30.00	30.00	0.00	RuralSync
50203990 00	20	2.2 kOhm Resistor Delivery: 30 days upon issuance of NTP 20 pcs	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2020	GOP	60.00	60.00	0.00	RuralSync

50203990 00	20	EEPROM Delivery: 30 days upon issuance of NTP 10 pcs	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2020	GOP	127.50	127.50	0.00	RuralSync
50203990 00	20	3.3V LDO VREG Delivery: 30 days upon issuance of NTP 10 pcs	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2020	GOP	877.50	877.50	0.00	RuralSync
50203990 00	20	3.3V, 1.8V LDO REG Delivery: 30 days upon issuance of NTP 10 pcs	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2020	GOP	322.50	322.50	0.00	RuralSync
50203990 00	20	1.2V LDO REG Delivery: 30 days upon issuance of NTP 10 pcs	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2020	GOP	870.00	870.00	0.00	RuralSync
50203990 00	20	10 uF Capacitor 10% Delivery: 30 days upon issuance of NTP 60 pcs	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2020	GOP	525.00	525.00	0.00	RuralSync
50203990 00	20	Digital TV Antenna Delivery: 30 days upon issuance of NTP 5 units	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2020	GOP	1,690.00	1,690.00	0.00	RuralSync
50203990 00	20	SparkFun DLI Kit for Jetson Nano 1 unit Note: In APP 17	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2020	GOP	0.00	0.00	0.00	GRASPED
50203010 01	20	Wireless Mouse Color: Black / White Wireless Rechargeable 1 pc	OD	NP-53.9 Small Value Procurement	3rd Quarter of 2020	GOP	2,000.00	2,000.00	0.00	TLO
50203010 01	20	Webcam Widescreen full HD 1080p video capture includes a mini tripod with extendable leg holder USB connector 1 set	OD	NP-53.9 Small Value Procurement	3rd Quarter of 2020	GOP	10,000.00	10,000.00	0.00	TLO
50203010 01	20	Oven Toaster Dimensions - 36 x 23 x 20 cm 15 minutes timer with stay-on feature With thermostat control for more cooking options 1 unit	OD	NP-53.9 Small Value Procurement	3rd Quarter of 2020	GOP	3,000.00	3,000.00	0.00	TLO
50203010 01	20	Coffee Maker Capacity: 1.5 Liters (10-15 cups) 2 units	OD	NP-53.9 Small Value Procurement	3rd Quarter of 2020	GOP	6,000.00	6,000.00	0.00	TLO
50203990 00	20	Precision Screwdriver Set 2 sets	KMD	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	2,040.00	2,040.00	0.00	
50203990 00	20	Precision Screwdriver for Macbook 2 pcs	KMD	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	300.00	300.00	0.00	
50203010 01	20	Flash Drive 64 gb USB 3.0 2 pcs	KMD	Shopping	4th Quarter of 2020	GOP	1,416.00	1,416.00	0.00	
50203010 01	20	USB to SATA Adapter 2 pcs	KMD	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	1,288.00	1,288.00	0.00	
50203010 01	20	Uninterruptible Power Supply 2 units	KMD	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	9,100.00	9,100.00	0.00	
50203010 01	20	Network Cable Tester 1 unit	KMD	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	11,735.00	11,735.00	0.00	
50203990 00	20	Tower Extension Cord 3 pcs	KMD	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	4,290.00	4,290.00	0.00	
50203010 01	20	Wired Microphone 2 pcs	KMD	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	9,620.00	9,620.00	0.00	
50203010 01	20	Microphone Stand 2 pcs	KMD	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	5,434.00	5,434.00	0.00	
50203010 01	20	IP Phone 5 units	KMD	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	40,155.00	40,155.00	0.00	
50203010 01	20	Cat5e LAN Cable 2 boxes	KMD	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	14,040.00	14,040.00	0.00	
50203010 01	20	LAN Cable Crimper 2 pcs	KMD	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	1,390.00	1,390.00	0.00	
50203010 01	20	Webcam 2 pcs	KMD	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	17,160.00	17,160.00	0.00	
50203010 01	20	Wireless Bluetooth Numeric Keypad 7 units	FAD	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	8,400.00	8,400.00	0.00	
50203010 01	20	Wireless Keyboard 2 units	FAD	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	2,200.00	2,200.00	0.00	
50203010 01	20	Wireless Mouse 8 pcs	FAD	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	3,120.00	3,120.00	0.00	
50203010 01	20	Wireless Mouse 3 pcs	FAD	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	5,550.00	5,550.00	0.00	
50203010 01	20	Mouse Pad 8 pcs	FAD	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	1,200.00	1,200.00	0.00	
50203010 02	20	Monitor Curve, 23" to 24" 3 units	FAD	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	25,485.00	25,485.00	0.00	
50203010 03	20	EXTERNAL HARD DRIVE, 1TB, 2.5"HDD, USB 3.0 1 pc	FAD	Shopping	4th Quarter of 2020	GOP	2,650.83	2,650.83	0.00	
50203990 00	20	Microfiber Cloth 12 pcs	FAD	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	5,520.00	5,520.00	0.00	
50203990 00	20	Wiper Blade for Eco Sport 2 pcs	FAD	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	5,194.00	5,194.00	0.00	
50203990 00	20	Exhaust Fan 12" 2 pcs	FAD	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	3,226.00	3,226.00	0.00	

50203990 00	20	Toilet Bowl Seat Cover 5 pcs	FAD	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	8,040.00	8,040.00	0.00	
50203990 00	20	LED Bulb 30 Watts 10 pcs	FAD	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	6,050.00	6,050.00	0.00	
50203990 00	20	Acid Rain and Watermark Remover 500ml 8 pcs	FAD	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	7,104.00	7,104.00	0.00	
50213050 03	20	Delivery and Installation of One (1) unit AVR to ASTI Generator Set 1 lot	FAD	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	71,500.00	71,500.00	0.00	
50212990 99	20	Termite Treatment and Control Services 1 lot	FAD	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	50,000.00	50,000.00	0.00	
50213060 01	20	Preventive Maintenance of Toyota Innova with Plate# SJX-794 1 lot	FAD	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	26,920.00	26,920.00	0.00	
50203010 02	20	Conference Chairs Chrome frame and base, High back, with caster wheels, ergonomic, color black 80 units	FAD	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	500,000.00	500,000.00	0.00	
50299050 01	20	Lease of Room Space in a Data Center Facility and Services, including Rack Cabinet Rental 3 mos	RDD	Renewal of Contract of Lease of Real Property per GPPB Resolution 06-2018 dd. 18 May 2018	4th Quarter of 2020	GOP	5,547,000.00	5,547,000.00	0.00	Innovate
50204020 00	20	Electricity expenses for Innove leased Data Center space 3 mos	RDD	Renewal of WETI	4th Quarter of 2020	GOP	1,050,000.00	1,050,000.00	0.00	Innovate
50213050 02	20	UPS Preventive Maintenance Service for 4th Qtr. 1 lot	RDD	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	25,000.00	25,000.00	0.00	Innovate
50213050 02	20	Repair of UPS, including diagnostic assessment 1 lot	RDD	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	100,000.00	100,000.00	0.00	Innovate
50207020 02	20	Flight Controller - Advanced - Note1: to be used for development and prototyping - Note2: to be integrated with other components 2 pcs	RDD	NP-53.9 Small Value Procurement	3rd Quarter of 2020	GOP	35,000.00	35,000.00	0.00	AUS
50203990 00	20	Flight Controller - F7 Chipset - Note1: to be used for development and prototyping - Note2: to be integrated with other components 3 pcs	RDD	NP-53.9 Small Value Procurement	3rd Quarter of 2020	GOP	15,000.00	15,000.00	0.00	AUS
50203990 00	20	UVC Bulb - 58W - Note1: to be used for development and prototyping - Note2: to be integrated with other components 2 pcs	RDD	NP-53.9 Small Value Procurement	3rd Quarter of 2020	GOP	12,000.00	12,000.00	0.00	AUS
50203990 00	20	UVC Bulb - 60W - Note1: to be used for development and prototyping - Note2: to be integrated with other components 2 pcs	RDD	NP-53.9 Small Value Procurement	3rd Quarter of 2020	GOP	20,000.00	20,000.00	0.00	AUS
50203990 00	20	M2.5 Male-Female Brass Standoff / Stainless Steel Screw Nut Assortment Kit - Note1: to be used for development and prototyping - Note2: to be integrated with other components 5 sets	RDD	NP-53.9 Small Value Procurement	3rd Quarter of 2020	GOP	2,000.00	2,000.00	0.00	AUS
50203990 00	20	M3 Male-Female Brass Standoff / Stainless Steel Screw Nut Assortment Kit - Note1: to be used for development and prototyping - Note2: to be integrated with other components 5 sets	RDD	NP-53.9 Small Value Procurement	3rd Quarter of 2020	GOP	2,000.00	2,000.00	0.00	AUS
50203990 00	20	Battery - 18650 - Note1: to be used for development and prototyping - Note2: to be integrated with other components 10 pcs	RDD	NP-53.9 Small Value Procurement	3rd Quarter of 2020	GOP	3,000.00	3,000.00	0.00	AUS
50203990 00	20	Battery Holder - 18650 - Note1: to be used for development and prototyping - Note2: to be integrated with other components 10 pcs	RDD	NP-53.9 Small Value Procurement	3rd Quarter of 2020	GOP	500.00	500.00	0.00	AUS
50203990 00	20	Terminal/Bullet Connectors Kit - Note1: to be used for development and prototyping - Note2: to be integrated with other components 3 packs	RDD	NP-53.9 Small Value Procurement	3rd Quarter of 2020	GOP	900.00	900.00	0.00	AUS
50203990 00	20	XT60 Connector - 10 pairs - Note1: to be used for development and prototyping - Note2: to be integrated with other components 10 packs	RDD	NP-53.9 Small Value Procurement	3rd Quarter of 2020	GOP	6,000.00	6,000.00	0.00	AUS
50203990 00	20	ADC Module - 4 Channel - Note1: to be used for development and prototyping - Note2: to be integrated with other components 5 pcs	RDD	NP-53.9 Small Value Procurement	3rd Quarter of 2020	GOP	1,500.00	1,500.00	0.00	AUS
50203990 00	20	ADC Module - 4 Channel, Configurable I2C Address - Note1: to be used for development and prototyping - Note2: to be integrated with other components 4 pcs	RDD	NP-53.9 Small Value Procurement	3rd Quarter of 2020	GOP	2,800.00	2,800.00	0.00	AUS
50203990 00	20	DC-DC Buck - 10 pcs per pack - Note1: to be used for development and prototyping - Note2: to be integrated with other components 1 pack	RDD	NP-53.9 Small Value Procurement	3rd Quarter of 2020	GOP	700.00	700.00	0.00	AUS
50203990 00	20	DC-DC Boost - Note1: to be used for development and prototyping - Note2: to be integrated with other components 5 pcs	RDD	NP-53.9 Small Value Procurement	3rd Quarter of 2020	GOP	750.00	750.00	0.00	AUS

50203990 00	20	Socket Wrench Adaptor Set - Note1: to be used for development and prototyping - Note2: to be integrated with other components 2 sets	RDD	NP-53.9 Small Value Procurement	3rd Quarter of 2020	GOP	900.00	900.00	0.00	AUS
50203990 00	20	Hex Adaptor Set - Note1: to be used for development and prototyping - Note2: to be integrated with other components 2 sets	RDD	NP-53.9 Small Value Procurement	3rd Quarter of 2020	GOP	600.00	600.00	0.00	AUS
50211990 00	20	Fabrication of Mounting and Frame 1 lot	RDD	NP-53.9 Small Value Procurement	3rd Quarter of 2020	GOP	50,000.00	50,000.00	0.00	AUS
50604050 03	20	Mobile Development Workstations 16 units	RDD	Competitive Bidding	4th Quarter of 2020	GOP	1,040,000.00	0.00	1,040,000.00	AUS & EPIC/GARAGE
50604050 03	20	Mobile Development Workstations 4 units	RDD	Competitive Bidding	4th Quarter of 2020	GOP	260,000.00	0.00	260,000.00	EPDC
50604050 03	20	Mobile Design Workstations 23 units	RDD	Competitive Bidding	4th Quarter of 2020	GOP	2,760,000.00	0.00	2,760,000.00	EPDC
50604050 03	20	Design Workstation Monitors 6 units	RDD	Competitive Bidding	4th Quarter of 2020	GOP	226,800.00	0.00	226,800.00	EPDC
50604050 99	20	U-lift Pallet Jack 2 units	RDD	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	38,000.00	0.00	38,000.00	EPDC
50604050 15	20	Software License (3D Design and Modeling) 9 units	RDD	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	315,000.00	0.00	315,000.00	EPDC
50203210 02	20	Electric Handheld Saw Kit 4 units	RDD	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	42,840.00	42,840.00	0.00	
50203990 00	20	10-piece Breadboard Jumper Wire Kits: a. 10-piece Breadboard Jumper Wire Kit female-female b. 10-piece Breadboard Jumper Wire Kit male-male c. 10-piece Breadboard Jumper Wire Kit male-female 2 lots	RDD	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	2,400.00	2,400.00	0.00	
50203990 00	20	Black, 0.05 mm ² Equipment Wire, 100m 1 unit	RDD	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	5,200.00	5,200.00	0.00	
50203990 00	20	Red, 0.05 mm ² Equipment Wire, 100m 1 unit	RDD	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	5,200.00	5,200.00	0.00	
50203990 00	20	Green, 0.05 mm ² Equipment Wire, 100m 1 unit	RDD	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	5,200.00	5,200.00	0.00	
50203990 00	20	Blue, 0.05 mm ² Equipment Wire, 100m 1 unit	RDD	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	5,200.00	5,200.00	0.00	
50203990 00	20	17-pcs Lead-Free Soldering Iron Tip 2 units	RDD	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	2,700.00	2,700.00	0.00	
50203990 00	20	4mm Anti-Static Wrist Strap 4 sets	RDD	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	10,600.00	10,600.00	0.00	
50203990 00	20	Blue Table ESD-Safe Mat, 914.4mm x 609.6mm x 3.43mm 2 pcs	RDD	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	21,000.00	21,000.00	0.00	
50203990 00	20	SMD291 10g Syringe Lead Free Solder Flux 3 pcs	RDD	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	5,700.00	5,700.00	0.00	
50203990 00	20	1.5m Desoldering Braid, Width 2.5mm 5 pcs	RDD	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	2,625.00	2,625.00	0.00	
50203990 00	20	Breadboard 3 pcs	RDD	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	3,540.00	3,540.00	0.00	
50203990 00	20	Breadboard Prototyping Board 240 x 195 x 21mm 2 pcs	RDD	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	10,810.00	10,810.00	0.00	
50203990 00	20	Metal Film Through Hole 144 Resistor Kit, with 3080 pieces, 1 → 10MΩ 1 unit	RDD	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	24,000.00	24,000.00	0.00	
50203990 00	20	0603 Thick Film SMT 120 Resistor Kit, with 18100 pieces, 10 → 1MΩ 1 unit	RDD	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	22,000.00	22,000.00	0.00	
50203990 00	20	1206 Thick Film SMT 144 Resistor Kit, with 16260 pieces, 1 → 10MΩ 1 unit	RDD	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	31,000.00	31,000.00	0.00	
50203990 00	20	Development Board 1 unit	RDD	NP-53.9 Small Value Procurement	4th Quarter of 2020	GOP	13,800.00	13,800.00	0.00	
50203990 00	20	10x8 Electronic Enclosure 1 unit	RDD	NP-53.9 Small Value Procurement	3rd - 4th Quarter of 2020	GOP	8,900.00	8,900.00	0.00	
50203990 00	20	12x10 Electronic Enclosure 1 unit	RDD	NP-53.9 Small Value Procurement	3rd - 4th Quarter of 2020	GOP	10,500.00	10,500.00	0.00	
50203990 00	20	Single Board Computer 2 units	RDD	NP-53.9 Small Value Procurement	3rd - 4th Quarter of 2020	GOP	7,000.00	7,000.00	0.00	
50203990 00	20	Wide Temperature-Ranged Memory Module 2 units	RDD	NP-53.9 Small Value Procurement	3rd - 4th Quarter of 2020	GOP	21,200.00	21,200.00	0.00	
50203990 00	20	Micro USB cable 2 units	RDD	NP-53.9 Small Value Procurement	3rd - 4th Quarter of 2020	GOP	800.00	800.00	0.00	
50203990 00	20	Single Board Computer Plastic Case 2 units	RDD	NP-53.9 Small Value Procurement	3rd - 4th Quarter of 2020	GOP	1,400.00	1,400.00	0.00	
50203990 00	20	M16 cable Gland 1 unit	RDD	NP-53.9 Small Value Procurement	3rd - 4th Quarter of 2020	GOP	3,200.00	3,200.00	0.00	
50203990 00	20	GSM Antenna 1 unit	RDD	NP-53.9 Small Value Procurement	3rd - 4th Quarter of 2020	GOP	7,600.00	7,600.00	0.00	
50203990 00	20	SMA-N Type Cable Assembly 1 unit	RDD	NP-53.9 Small Value Procurement	3rd - 4th Quarter of 2020	GOP	1,600.00	1,600.00	0.00	
50203990 00	20	Camera Module Sensor 1 unit	RDD	NP-53.9 Small Value Procurement	3rd - 4th Quarter of 2020	GOP	2,700.00	2,700.00	0.00	

50203990 00	20	SPI Camera Module 4 units	RDD	NP-53.9 Small Value Procurement	3rd - 4th Quarter of 2020	GOP	14,400.00	14,400.00	0.00	
50203990 00	20	SPI Camera 360 Board 2 units	RDD	NP-53.9 Small Value Procurement	3rd - 4th Quarter of 2020	GOP	2,800.00	2,800.00	0.00	
50203990 00	20	SPI Camera M12 Mount Lens 4 units	RDD	NP-53.9 Small Value Procurement	3rd - 4th Quarter of 2020	GOP	3,600.00	3,600.00	0.00	
50213050 03	20	16GB RAM Module for design workstations 14 pcs	RDD	NP-53.9 Small Value Procurement	3rd - 4th Quarter of 2020	GOP	63,000.00	63,000.00	0.00	
TOTAL							22,829,273.88	17,189,473.88	5,639,800.00	

Prepared and Consolidated By:

Recommending Approval:

Approved By:

KATHERINE B. RAMOS
Head, Bids and Awards Committee Secretariat

REYNALDO JOSEPH A. CALLAO Jr.
Chairperson, Bids and Awards Committee

JOANNA G. SYJUCO
Officer-in-Charge, DOST-ASTI