

**Annual Procurement Plan for 2020**  
**CONSOLIDATED**

| Code        | Procurement<br>Program/Activity/Project   | PMO/ End-User | Mode of Procurement             | Schedule for Each Procurement Activity |                                |                 |                     | Source of Fund | Estimated Budget (PhP) |              |      | Remarks<br>(Brief Description of Program/Activity/ Project) |
|-------------|---|---------------|---------------------------------|--|--------------------------------|-----------------|---------------------|----------------|------------------------|--------------|------|---|
|             |   |               |                                 | Advertisement/<br>Posting of<br>IB/REI | Submission/<br>Opening of Bids | Notice of Award | Contract<br>Signing |                | Total                  | MOOE         | CO   |   |
| 50211990 00 | 1<br>Other Professional Services<br>One (1) SRS I-SG13 @ Php 37,302.99/month x 12 months<br>One (1) CP II-SG15 @ Php 45,137.03 / month x 12 months<br>One (1) SRS II-16 @ Php 49,650.59   | CSD           | Competitive Bidding             | 1st - 4th Quarter of 2020              |                                |                 |                     | GOP            | 1,585,087.32           | 1,585,087.32 | 0.00 | ASTIgram  |
| 50203990 00 | 1<br>Lanyard  | CSD           | NP-53.9 Small Value Procurement | 1st Quarter of 2020                    |                                |                 |                     | GOP            | 37,500.00              | 37,500.00    | 0.00 | Gul.ai  |
| 50203990 00 | 1<br>ID Holder (envelope type)  | CSD           | NP-53.9 Small Value Procurement | 1st Quarter of 2020                    |                                |                 |                     | GOP            | 7,500.00               | 7,500.00     | 0.00 | Gul.ai  |
| 50203990 00 | 1<br>Single Board Computer/Microcomputer for prototyping  | CSD           | NP-53.9 Small Value Procurement | 1st Quarter of 2020                    |                                |                 |                     | GOP            | 13,200.00              | 13,200.00    | 0.00 | Gul.ai  |
| 50203990 00 | 19<br>Sensor Tag for prototyping<br>4 pcs   | CSD           | NP-53.9 Small Value Procurement | 2nd Quarter of 2020                    |                                |                 |                     | GOP            | 22,800.00              | 22,800.00    | 0.00 | Gul.ai  |
| 50203990 00 | 1<br>PH Level Sensor for prototyping  | CSD           | NP-53.9 Small Value Procurement | 1st Quarter of 2020                    |                                |                 |                     | GOP            | 17,268.00              | 17,268.00    | 0.00 | Gul.ai  |
| 50203990 00 | 1<br>PH Level Sensor Driver for prototyping   | CSD           | NP-53.9 Small Value Procurement | 1st Quarter of 2020                    |                                |                 |                     | GOP            | 9,212.00               | 9,212.00     | 0.00 | Gul.ai  |
| 50203990 00 | 1<br>Carbon Dioxide Sensor with Interface to Microprocessor for prototyping   | CSD           | NP-53.9 Small Value Procurement | 1st Quarter of 2020                    |                                |                 |                     | GOP            | 15,644.00              | 15,644.00    | 0.00 | Gul.ai  |
| 50203990 00 | 1<br>EC Sensor (Electronic Conductivity) for prototyping  | CSD           | NP-53.9 Small Value Procurement | 1st Quarter of 2020                    |                                |                 |                     | GOP            | 22,000.00              | 22,000.00    | 0.00 | Gul.ai  |
| 50203990 00 | 1<br>Ultrasonic Sensor for prototyping  | CSD           | NP-53.9 Small Value Procurement | 1st Quarter of 2020                    |                                |                 |                     | GOP            | 7,832.00               | 7,832.00     | 0.00 | Gul.ai  |
| 50203990 00 | 9<br>Digital Luminosity/Lux/Light Sensor Breakout for prototyping   | CSD           | NP-53.9 Small Value Procurement | 2st Quarter of 2020                    |                                |                 |                     | GOP            | 4,400.00               | 4,400.00     | 0.00 | Gul.ai  |
| 50203990 00 | 1<br>USB Camera Module for prototyping  | CSD           | NP-53.9 Small Value Procurement | 1st Quarter of 2020                    |                                |                 |                     | GOP            | 25,832.00              | 25,832.00    | 0.00 | Gul.ai  |
| 50203990 00 | 9<br>Air Cooler for prototyping   | CSD           | NP-53.9 Small Value Procurement | 2nd Quarter of 2020                    |                                |                 |                     | GOP            | 10,000.00              | 10,000.00    | 0.00 | Gul.ai  |
| 50203990 00 | 1<br>Air Heater for prototyping   | CSD           | NP-53.9 Small Value Procurement | 1st Quarter of 2020                    |                                |                 |                     | GOP            | 4,536.00               | 4,536.00     | 0.00 | Gul.ai  |
| 50203990 00 | 1<br>Fresh Air Valve for prototyping  | CSD           | NP-53.9 Small Value Procurement | 1st Quarter of 2020                    |                                |                 |                     | GOP            | 8,760.00               | 8,760.00     | 0.00 | Gul.ai  |
| 50203990 00 | 1<br>Cable Gland for prototyping  | CSD           | NP-53.9 Small Value Procurement | 1st Quarter of 2020                    |                                |                 |                     | GOP            | 1,676.00               | 1,676.00     | 0.00 | Gul.ai  |
| 50203990 00 | 1<br>Humidifier for prototyping   | CSD           | NP-53.9 Small Value Procurement | 1st Quarter of 2020                    |                                |                 |                     | GOP            | 2,072.00               | 2,072.00     | 0.00 | Gul.ai  |
| 50203990 00 | 1<br>DC Air Blower for prototyping  | CSD           | NP-53.9 Small Value Procurement | 1st Quarter of 2020                    |                                |                 |                     | GOP            | 2,744.00               | 2,744.00     | 0.00 | Gul.ai  |
| 50203990 00 | 1<br>Submersible Water Circulation Pump for prototyping   | CSD           | NP-53.9 Small Value Procurement | 1st Quarter of 2020                    |                                |                 |                     | GOP            | 7,668.00               | 7,668.00     | 0.00 | Gul.ai  |
| 50203990 00 | 1<br>Sensor Shield for prototyping  | CSD           | NP-53.9 Small Value Procurement | 1st Quarter of 2020                    |                                |                 |                     | GOP            | 2,300.00               | 2,300.00     | 0.00 | Gul.ai  |
| 50203990 00 | 1<br>Microcontroller Board for prototyping  | CSD           | NP-53.9 Small Value Procurement | 1st Quarter of 2020                    |                                |                 |                     | GOP            | 8,604.00               | 8,604.00     | 0.00 | Gul.ai  |
| 50203990 00 | 1<br>Digital Multimeter for prototyping   | CSD           | NP-53.9 Small Value Procurement | 1st Quarter of 2020                    |                                |                 |                     | GOP            | 1,100.00               | 1,100.00     | 0.00 | Gul.ai  |
| 50203090 00 | 1<br>Representation, postage and courier, legal services, supplies and materials, etc.  | FAD           | Shopping                        | 1st Quarter of 2020                    |                                |                 |                     | GOP            | 840,000.00             | 840,000.00   | 0.00 |   |
| 50205020 01 | 1<br>Postpaid Plans for Mobile Communications   | FAD           | Shopping                        | 1st - 4th Quarter of 2020              |                                |                 |                     | GOP            | 139,200.00             | 139,200.00   | 0.00 |   |
| 50204020 00 | 1<br>Electricity Expenses (ASTI Building)   | FAD           | Renewal of WETI                 | 1st - 4th Quarter of 2020              |                                |                 |                     | GOP            | 9,600,000.00           | 9,600,000.00 | 0.00 |   |
| 50204010 00 | 1<br>Water Expense  | FAD           | Renewal of WETI                 | 1st - 4th Quarter of 2020              |                                |                 |                     | GOP            | 240,000.00             | 240,000.00   | 0.00 |   |
| 50205020 02 | 1<br>Renewal of VOIP Trunkline Subscription including Recurring landline charges  | FAD           | Renewal of WETI                 | 1st - 4th Quarter of 2020              |                                |                 |                     | GOP            | 150,060.00             | 150,060.00   | 0.00 |   |
| 50205020 02 | 1<br>Renewal of Direct Line Subscription including Recurring landline charges   | FAD           | Renewal of WETI                 | 1st - 4th Quarter of 2020              |                                |                 |                     | GOP            | 130,308.00             | 130,308.00   | 0.00 |   |
| 50299050 06 | 1<br>Lease of Space   | FAD           | NP-53.10 Lease of Real Property | 1st Quarter of 2020                    |                                |                 |                     | GOP            | 3,200,000.00           | 3,200,000.00 | 0.00 |   |
| 50212020 00 | 1<br>Provision of Janitorial Services, Five (5) Janitorial Personnel with Cleaning Supplies, Materials and Equipment (February 2020 - December 2020)  | FAD           | NP-53.1 Two Failed Biddings     | 1st - 4th Quarter of 2020              |                                |                 |                     | GOP            | 1,375,000.00           | 1,375,000.00 | 0.00 |   |
| 50213080 00 | 19<br>Waterproofing of ASTI's Roof Deck 1 lot   | FAD           | Competitive Bidding             | 4th Quarter of 2020                    |                                |                 |                     | GOP            | 4,300,000.00           | 4,300,000.00 | 0.00 |   |
| 50211990 00 | 1<br>Outsourcing of Manpower Complement<br>Senior Administrative Assistant I (2)<br>Administrative Assistant VI (1)<br>Administrative Officer II (2)<br>Administrative Officer I (3)<br>Administrative Assistant V (1)<br>Administrative Assistant IV (1)<br>Administrative Assistant III (1)<br>Administrative Assistant II (1)<br>Administrative Assistant I (1)<br>Administrative Aide VI (1)<br>Driver II (1) | FAD           | Competitive Bidding             | 1st - 4th Quarter of 2020              |                                |                 |                     | GOP            | 5,161,670.16           | 5,161,670.16 | 0.00 |   |

|             |    |  |     |                                 |                           |     |              |              |      |           |
|-------------|----|--|-----|---------------------------------|---------------------------|-----|--------------|--------------|------|-----------|
| 50211990 00 | 1  | Outsourcing of Manpower Complement - Overtime Services   | FAD | Competitive Bidding             | 1st - 4th Quarter of 2020 | GOP | 100,000.00   | 100,000.00   | 0.00 |           |
| 50299050 06 | 1  | Lease of Multifunction Printers  | FAD | Competitive Bidding             | 1st Quarter of 2020       | GOP | 1,000,000.00 | 1,000,000.00 | 0.00 |           |
| 50203010 02 | 1  | Toners with Kits   | FAD | Competitive Bidding             | 1st Quarter of 2020       | GOP | 1,000,000.00 | 1,000,000.00 | 0.00 |           |
| 50215030 00 | 1  | Insurance for ASTI Building including its content  | FAD | NP-53.5 Agency-to-Agency        | 1st - 4th Quarter of 2020 | GOP | 500,000.00   | 500,000.00   | 0.00 |           |
| 50215030 00 | 1  | Innova Insurance (one (1) year)  | FAD | NP-53.5 Agency-to-Agency        | 4th Quarter of 2020       | GOP | 15,000.00    | 15,000.00    | 0.00 |           |
| 50215030 00 | 1  | URVAN white Insurance (one (1) year)   | FAD | NP-53.5 Agency-to-Agency        | 4th Quarter of 2020       | GOP | 15,000.00    | 15,000.00    | 0.00 |           |
| 50215030 00 | 1  | URVAN gray Insurance (one (1) year)  | FAD | NP-53.5 Agency-to-Agency        | 4th Quarter of 2020       | GOP | 15,000.00    | 15,000.00    | 0.00 |           |
| 50215030 00 | 1  | Eco Sport Insurance (1 year)   | FAD | NP-53.5 Agency-to-Agency        | 4th Quarter of 2020       | GOP | 15,000.00    | 15,000.00    | 0.00 |           |
| 50215010 01 | 1  | Registration of Toyota Innova and NISSAN Urvan for (1) year  | FAD | NP-53.5 Agency-to-Agency        | 4th Quarter of 2020       | GOP | 20,000.00    | 20,000.00    | 0.00 |           |
| 50213060 01 | 2  | Preventive Maintenance for DOST-ASTI Nissan Urvan Gray - One (1) unit (40,000 km)  | FAD | NP-53.9 Small Value Procurement | 1st - 3rd Quarter of 2020 | GOP | 50,000.00    | 50,000.00    | 0.00 |           |
| 50213060 01 | 2  | Preventive Maintenance for DOST-ASTI Nissan Urvan White - One (1) unit (20,000 km)   | FAD | NP-53.9 Small Value Procurement | 1st - 3rd Quarter of 2020 | GOP | 40,000.00    | 40,000.00    | 0.00 |           |
| 50204010 00 | 1  | Purified Drinking Water  | FAD | NP-53.9 Small Value Procurement | 1st Quarter of 2020       | GOP | 140,000.00   | 140,000.00   | 0.00 |           |
| 50213050 02 | 1  | Quarterly Preventive Maintenance of Aircon   | FAD | NP-53.9 Small Value Procurement | 1st - 4th Quarter of 2020 | GOP | 300,000.00   | 300,000.00   | 0.00 |           |
| 50213050 02 | 2  | Monthly Preventive Maintenance of Two (2) Generator Sets   | FAD | NP-53.9 Small Value Procurement | 1st - 4th Quarter of 2020 | GOP | 250,000.00   | 250,000.00   | 0.00 |           |
| 50212990 01 | 1  | Quarterly General Pest Control Program   | FAD | NP-53.9 Small Value Procurement | 1st - 4th Quarter of 2020 | GOP | 100,000.00   | 100,000.00   | 0.00 |           |
| 50211990 00 | 1  | Outsourcing for:<br>one (1) SRS II @49,650.59/month x 12 months<br>one (1) Information System Analyst II @49,650.59/month x 12 months<br>one (1) CP II @45,137.03/month x 12 months<br>four (4) SRS I @37,302.99/month x 12 months<br>two (2) PDO I @30,682.71/month x 12 months               | KMD | Competitive Bidding             | 1st Quarter of 2020       | GOP | 4,156,184.06 | 4,156,184.06 | 0.00 |           |
| 50211990 00 | 1  | Outsourcing of two (2) Project Development Officer I for 12 months   | KMD | Competitive Bidding             | 1st Quarter of 2020       | GOP | 736,138.56   | 736,138.56   | 0.00 |           |
| 50211990 00 | 1  | Outsourcing of one (1) Science Research Specialist II and one (1) SRS I for 12 months  | KMD | Competitive Bidding             | 1st Quarter of 2020       | GOP | 1,021,763.64 | 1,021,763.64 | 0.00 |           |
| 50211990 00 | 1  | Outsourcing of one (1) Computer Programmer III and one (1) Science Research Specialist II for 12 months  | KMD | Competitive Bidding             | 1st Quarter of 2020       | GOP | 1,275,855.12 | 1,275,855.12 | 0.00 |           |
| 50299070 99 | 11 | Lease of Intrusion Detection System<br>The lease period is from June 21, 2020 to Dec. 31, 2020   | KMD | NP-53.9 Small Value Procurement | 2nd Quarter of 2020       | GOP | 795,000.00   | 795,000.00   | 0.00 |           |
| 50211990 00 | 9  | ISO 9001: 2015 Surveillance Audit 2020<br>The auditor company shall send at least one (1) competent ISO-certified auditor  | KMD | NP-53.9 Small Value Procurement | 3rd Quarter of 2020       | GOP | 100,000.00   | 100,000.00   | 0.00 |           |
| 50299070 99 | 2  | Subscription to Microsoft Office 365 Enterprise 1 User   | KMD | NP-53.5 Agency-to-Agency        | 1st Quarter of 2020       | GOP | 234,456.21   | 234,456.21   | 0.00 |           |
| 50211990 00 | 1  | Outsourcing of Manpower Services - Corp Comm - Information Officer III SG 18 (12 man-months) x2  | OD  | Competitive Bidding             | 1st Quarter of 2020       | GOP | 1,441,865.76 | 1,441,865.76 | 0.00 | Corp Comm |
| 50211990 00 | 1  | Outsourcing of Manpower Services - Corp Comm - Creative Arts Specialist II SG 15 (12 man-months) x2  | OD  | Competitive Bidding             | 1st Quarter of 2020       | GOP | 1,083,288.72 | 1,083,288.72 | 0.00 | Corp Comm |
| 50211990 00 | 1  | Outsourcing of Manpower Services - Corp Comm - Project Assistant IV SG 14 (12 man-months)  | OD  | Competitive Bidding             | 1st Quarter of 2020       | GOP | 492,395.88   | 492,395.88   | 0.00 | Corp Comm |
| 50211990 00 | 1  | Outsourced Manpower Overtime and Travel - Corp Comm  | OD  | Competitive Bidding             | 1st Quarter of 2020       | GOP | 100,000.00   | 100,000.00   | 0.00 | Corp Comm |
| 50211990 00 | 1  | Outsourcing for AAVI for 12 months (2 lots)  | OD  | Competitive Bidding             | 1st Quarter of 2020       | GOP | 808,221.36   | 808,221.36   | 0.00 | HR        |
| 50211990 00 | 1  | Outsourcing for AAVI for 12 months (1 lot)   | OD  | Competitive Bidding             | 1st Quarter of 2020       | GOP | 342,377.64   | 342,377.64   | 0.00 | HR        |
| 50211990 00 | 1  | Outsourcing for the following positions for 12 months (without Overtime)<br>1) Project Development Officer II<br>2) Project Assistant III<br>3) Intellectual Property Rights Specialist I<br>4) Administrative Assistant VI  | OD  | Competitive Bidding             | 1st Quarter of 2020       | GOP | 1,443,806.52 | 1,443,806.52 | 0.00 | TLO       |
| 50299070 99 | 1  | Software License - Subscription - Online Training Library Videos   | OD  | NP-53.9 Small Value Procurement | 3rd Quarter of 2020       | GOP | 24,750.00    | 24,750.00    | 0.00 | Corp Comm |
| 50299070 99 | 1  | Software License - Subscription - RAW File Conversion and Image Editing Software   | OD  | NP-53.9 Small Value Procurement | 3rd Quarter of 2020       | GOP | 20,000.00    | 20,000.00    | 0.00 | Corp Comm |
| 50299070 99 | 1  | Software License - Subscription - Digital Audio Workstation (DAW) Software   | OD  | NP-53.9 Small Value Procurement | 3rd Quarter of 2020       | GOP | 16,500.00    | 16,500.00    | 0.00 | Corp Comm |
| 50299070 99 | 1  | Software License - Subscription - Graphic Design Software Suite 12 month license subscription  | OD  | NP-53.9 Small Value Procurement | 3rd Quarter of 2020       | GOP | 210,000.00   | 210,000.00   | 0.00 | Corp Comm |
| 50299070 99 | 1  | Software License - Subscription - Portable Document Format (PDF) Editing Software<br>12 month license subscription<br>Features and Capabilities:<br>- Create PDFs from any application that prints<br>- View, edit and interact with PDF content<br>- Digitally sign, certify, and verify PDFs | OD  | NP-53.9 Small Value Procurement | 3rd Quarter of 2020       | GOP | 28,000.00    | 28,000.00    | 0.00 | Corp Comm |
| 50299070 99 | 1  | Software License - Subscription - Photography Suite<br>12 month license Subscription   | OD  | NP-53.9 Small Value Procurement | 3rd Quarter of 2020       | GOP | 36,000.00    | 36,000.00    | 0.00 | Corp Comm |
| 50299070 99 | 1  | Software License - Subscription - Project Management Software for Project Managers<br>12 month license Subscription<br>Project Online Professional (PrjctOnln Pro User)  | OD  | NP-53.9 Small Value Procurement | 1st Quarter of 2020       | GOP | 72,000.00    | 72,000.00    | 0.00 | Corp Comm |

|             |    |  |     |                                 |                           |     |              |              |      |           |
|-------------|----|--|-----|---------------------------------|---------------------------|-----|--------------|--------------|------|-----------|
| 50299070 99 | 1  | Software License - Subscription - Project Management Software for Team Members<br>12 month license Subscription<br>Project Online Essentials (PrjctOnln Essnt User)          | OD  | NP-53.9 Small Value Procurement | 1st Quarter of 2020       | GOP | 144,000.00   | 144,000.00   | 0.00 | Corp Comm |
| 50299070 99 | 1  | Software License - Subscription - Diagramming Software<br>12 month license Subscription<br>Visio Online (Visio OnlP2 User)   | OD  | NP-53.9 Small Value Procurement | 1st Quarter of 2020       | GOP | 24,000.00    | 24,000.00    | 0.00 | Corp Comm |
| 50299070 99 | 1  | Software License - Subscription - Data Mining and Analytics Software<br>12 month license Subscription<br>Power BI Pro (Power BI Pro User)                                    | OD  | NP-53.9 Small Value Procurement | 1st Quarter of 2020       | GOP | 14,400.00    | 14,400.00    | 0.00 | Corp Comm |
| 50203010 02 | 1  | Supplies and Materials Expenses  | OD  | NP-53.9 Small Value Procurement | 1st Quarter of 2020       | GOP | 100,000.00   | 100,000.00   | 0.00 | Corp Comm |
| 50203990 00 | 1  | Promotional Tokens   | OD  | NP-53.9 Small Value Procurement | 1st Quarter of 2020       | GOP | 100,000.00   | 100,000.00   | 0.00 | Corp Comm |
| 50205020 01 | 1  | Communication Expenses   | OD  | NP-53.9 Small Value Procurement | 2nd Quarter of 2020       | GOP | 25,000.00    | 25,000.00    | 0.00 | Corp Comm |
| 50206010 01 | 1  | Awards/Rewards & Prizes  | OD  | NP-53.9 Small Value Procurement | 2nd Quarter of 2020       | GOP | 10,000.00    | 10,000.00    | 0.00 | Corp Comm |
| 50211990 00 | 1  | Design, Production, and Setup of DOST-ASTI Exhibit for the NSTW Celebration  | OD  | NP-53.9 Small Value Procurement | 3rd Quarter of 2020       | GOP | 400,000.00   | 400,000.00   | 0.00 | Corp Comm |
| 50299040 00 | 1  | Transportation of DOST-ASTI Exhibit Materials for NSTW and Regional Exhibits (RSTW)  | OD  | NP-53.9 Small Value Procurement | 3rd Quarter of 2020       | GOP | 165,000.00   | 165,000.00   | 0.00 | Corp Comm |
| 50213070 00 | 1  | Repairs and Maintenance  | OD  | NP-53.9 Small Value Procurement | 1st Quarter of 2020       | GOP | 25,000.00    | 25,000.00    | 0.00 | Corp Comm |
| 50299020 00 | 1  | Printing - Annual Report<br>1 lot  | OD  | NP-53.9 Small Value Procurement | 4th Quarter of 2020       | GOP | 180,000.00   | 180,000.00   | 0.00 | Corp Comm |
| 50299020 00 | 1  | Printing - Ang Surian Newsletter   | OD  | NP-53.9 Small Value Procurement | 1st Quarter of 2020       | GOP | 150,000.00   | 150,000.00   | 0.00 | Corp Comm |
| 50299020 00 | 1  | Printed Collaterals  | OD  | NP-53.9 Small Value Procurement | 1st Quarter of 2020       | GOP | 150,000.00   | 150,000.00   | 0.00 |           |
| 50299030 00 | 1  | Representation Expenses  | OD  | NP-53.9 Small Value Procurement | 1st Quarter of 2020       | GOP | 25,000.00    | 25,000.00    | 0.00 | Corp Comm |
| 50299050 01 | 1  | Rental of Studio for Photography / Videography   | OD  | NP-53.9 Small Value Procurement | 1st Quarter of 2020       | GOP | 20,000.00    | 20,000.00    | 0.00 | Corp Comm |
| 50299050 03 | 1  | Vehicle Rental - Transportation of Staff for Exhibits  | OD  | NP-53.9 Small Value Procurement | 3rd Quarter of 2020       | GOP | 75,000.00    | 75,000.00    | 0.00 | Corp Comm |
| 50299990 00 | 1  | Other Maintenance and Operating Expenses   | OD  | NP-53.9 Small Value Procurement | 1st Quarter of 2020       | GOP | 20,000.00    | 20,000.00    | 0.00 | Corp Comm |
| 50203220 00 | 1  | Furniture and Fixtures - General Office Desks, Shelves   | OD  | NP-53.9 Small Value Procurement | 1st Quarter of 2020       | GOP | 25,000.00    | 25,000.00    | 0.00 | Corp Comm |
| 50299020 00 | 1  | SHIRT<br>(National Women's Month Celebration)  | OD  | NP-53.9 Small Value Procurement | 1st Quarter of 2020       | GOP | 60,000.00    | 60,000.00    | 0.00 | HR        |
| 50211990 00 | 1  | DRUG TESTING FOR ASTI REGULAR EMPLOYEES  | OD  | NP-53.9 Small Value Procurement | 4th Quarter of 2020       | GOP | 26,100.00    | 26,100.00    | 0.00 | HR        |
| 50203990 00 | 1  | INFLUENZA VACCINE  | OD  | NP-53.9 Small Value Procurement | 2nd Quarter of 2020       | GOP | 34,800.00    | 34,800.00    | 0.00 | HR        |
| 50299050 03 | 1  | Vehicle rental for 2019 Yearend Performance Assessment and 2020 Planning   | OD  | NP-53.9 Small Value Procurement | 1st Quarter of 2020       | GOP | 120,000.00   | 120,000.00   | 0.00 | Planning  |
| 50202010 02 | 1  | Catering for 2020 Midyear Performance Assessment and Planning  | OD  | NP-53.9 Small Value Procurement | 1st Quarter of 2020       | GOP | 60,000.00    | 60,000.00    | 0.00 | Planning  |
| 50203990 00 | 17 | Customized USB OTG (32 GB) with packaging/box.<br>-45 pcs.<br>-Dual USB On-the-Go/Flash Drive<br>-Interface: Micro-USB/USB 2.0/USB 3.0                                       | OD  | NP-53.9 Small Value Procurement | 3rd Quarter of 2020       | GOP | 36,000.00    | 36,000.00    | 0.00 | TLO       |
| 50299030 00 | 1  | Catering Services for NSTW 2020  | OD  | NP-53.9 Small Value Procurement | 3rd Quarter of 2020       | GOP | 100,000.00   | 100,000.00   | 0.00 | TLO       |
| 50203990 00 | 1  | Customized Insulated Tumbler/Vacuum  | OD  | NP-53.9 Small Value Procurement | 2nd Quarter of 2020       | GOP | 35,000.00    | 35,000.00    | 0.00 | TLO       |
| 50203010 01 | 9  | Wireless Mouse<br>Rechargeable<br>Sensing distance up to 10 meters<br>90% reduced click sound<br>24-month battery life with auto-sleep<br>Works with Windows, Mac, and Linux | OD  | NP-53.9 Small Value Procurement | 2nd Quarter of 2020       | GOP | 2,000.00     | 2,000.00     | 0.00 | TLO       |
| 50203010 01 | 17 | Original Laptop Adapter for Presentation<br>-1 pc<br>-USB Type C, portable   | OD  | NP-53.9 Small Value Procurement | 3rd Quarter of 2020       | GOP | 3,500.00     | 3,500.00     | 0.00 | TLO       |
| 50299020 00 | 1  | Printing and Binding of TLO Brochures  | OD  | NP-53.9 Small Value Procurement | 1st Quarter of 2020       | GOP | 15,000.00    | 15,000.00    | 0.00 | TLO       |
| 50299010 00 | 1  | Tarpaulin  | OD  | NP-53.9 Small Value Procurement | 3rd Quarter of 2020       | GOP | 2,000.00     | 2,000.00     | 0.00 | TLO       |
| 50299010 00 | 1  | Pull-up Banner   | OD  | NP-53.9 Small Value Procurement | 3rd - 4th Quarter of 2020 | GOP | 4,000.00     | 4,000.00     | 0.00 | TLO       |
| 50202010 02 | 1  | Licensing consultations/Legal Fees (Professional Services)   | OD  | NP-53.9 Small Value Procurement | 1st Quarter of 2020       | GOP | 189,558.94   | 189,558.94   | 0.00 | TLO       |
| 50299050 01 | 1  | Lease of venue for 2019 Yearend Performance Assessment and 2020 Planning (outside ASTI)  | OD  | NP-53.10 Lease of Real Property | 1st Quarter of 2020       | GOP | 450,000.00   | 450,000.00   | 0.00 | Planning  |
| 50299050 01 | 1  | Lease of Venue for Stakeholders' Meetings  | OD  | NP-53.10 Lease of Real Property | 2nd - 3rd Quarter of 2020 | GOP | 200,000.00   | 200,000.00   | 0.00 | TLO       |
| 50211990 00 | 1  | AESS Outsourced staff<br>- (1) SRS2 / 6mos<br>- (1) SRS1 / 12mos<br>- (2) CP2 / 6mos and 12mos<br>- (1) CP1 / 12mos<br>- (1) AAV / 12mos                                     | RDD | Competitive Bidding             | 1st - 4th Quarter of 2020 | GOP | 2,169,690.86 | 2,169,690.86 | 0.00 | AESS      |
| 50211990 00 | 1  | Provision for OT (AESS)  | RDD | Competitive Bidding             | 1st - 4th Quarter of 2020 | GOP | 20,000.00    | 20,000.00    | 0.00 | AESS      |
| 50211990 00 | 1  | Provision for OT (AUS)   | RDD | Competitive Bidding             | 1st - 4th Quarter of 2020 | GOP | 18,456.20    | 18,456.20    | 0.00 | AUS       |
| 50211990 00 | 1  | OT Provision for Outsourcing of Manpower   | RDD | Competitive Bidding             | 1st Quarter of 2020       | GOP | 41,680.52    | 41,680.52    | 0.00 | GARAGE    |
| 50211990 00 | 1  | OT Requirement   | RDD | Competitive Bidding             | 1st Quarter of 2020       | GOP | 100,000.00   | 100,000.00   | 0.00 | INNOVATE  |

|             |    |   |      |                                 |                           |     |               |               |      |          |
|-------------|----|---|------|---------------------------------|---------------------------|-----|---------------|---------------|------|----------|
| 50203010 02 | 1  | Toners for laser printer  | RDD  | NP-53.9 Small Value Procurement | 1st Quarter of 2020       | GOP | 30,000.00     | 30,000.00     | 0.00 | AESS     |
| 50203010 02 | 1  | Specialty paper   | RDD  | NP-53.9 Small Value Procurement | 1st Quarter of 2020       | GOP | 10,000.00     | 10,000.00     | 0.00 | AESS     |
| 50203210 02 | 1  | Compact monochrome laser printer  | RDD  | NP-53.9 Small Value Procurement | 1st Quarter of 2020       | GOP | 21,000.00     | 21,000.00     | 0.00 | AESS     |
| 50203210 02 | 1  | Internal solid state drive  | RDD  | NP-53.9 Small Value Procurement | 1st Quarter of 2020       | GOP | 12,000.00     | 12,000.00     | 0.00 | AESS     |
| 50203990 00 | 1  | Prototyping and testing services  | RDD  | NP-53.9 Small Value Procurement | 1st Quarter of 2020       | GOP | 20,000.00     | 20,000.00     | 0.00 | AESS     |
| 50203990 00 | 17 | Contact Smart cards<br>12 pcs   | RDD  | NP-53.9 Small Value Procurement | 3rd Quarter of 2020       | GOP | 18,000.00     | 18,000.00     | 0.00 | AESS     |
| 50203990 00 | 1  | Real-time Clock Module  | RDD  | NP-53.9 Small Value Procurement | 1st Quarter of 2020       | GOP | 910.00        | 910.00        | 0.00 | AESS     |
| 50207020 00 | 5  | 2D 360 Degree Laser Range Finder<br>(25M)   | RDD  | NP-53.9 Small Value Procurement | 2nd Quarter of 2020       | GOP | 38,550.00     | 38,550.00     | 0.00 | AUS      |
| 50207020 02 | 5  | 2D 360 Degree Laser Range Finder<br>(18M)   | RDD  | NP-53.9 Small Value Procurement | 2nd Quarter of 2020       | GOP | 27,500.00     | 27,500.00     | 0.00 | AUS      |
| 50203990 00 | 5  | C Clamp - 8"  | RDD  | NP-53.9 Small Value Procurement | 1st Quarter of 2020       | GOP | 1,210.00      | 1,210.00      | 0.00 | AUS      |
| 50203990 00 | 5  | C Clamp - 6"  | RDD  | NP-53.9 Small Value Procurement | 1st Quarter of 2020       | GOP | 820.00        | 820.00        | 0.00 | AUS      |
| 50203990 00 | 5  | C Clamp - 4"  | RDD  | NP-53.9 Small Value Procurement | 1st Quarter of 2020       | GOP | 1,040.00      | 1,040.00      | 0.00 | AUS      |
| 50203990 00 | 5  | IR Camera Module for Raspberry Pi   | RDD  | NP-53.9 Small Value Procurement | 1st Quarter of 2020       | GOP | 2,300.00      | 2,300.00      | 0.00 | AUS      |
| 50203990 00 | 5  | Camera Module for Raspberry Pi  | RDD  | NP-53.9 Small Value Procurement | 1st Quarter of 2020       | GOP | 5,100.00      | 5,100.00      | 0.00 | AUS      |
| 50203990 00 | 1  | Cable for Raspberry Pi Camera   | RDD  | NP-53.9 Small Value Procurement | 1st Quarter of 2020       | GOP | 3,500.00      | 3,500.00      | 0.00 | AUS      |
| 50203990 00 | 5  | Fingerprint Scanner Module  | RDD  | NP-53.9 Small Value Procurement | 1st Quarter of 2020       | GOP | 10,000.00     | 10,000.00     | 0.00 | AUS      |
| 50203990 00 | 5  | Multiple Card Reader  | RDD  | NP-53.9 Small Value Procurement | 1st Quarter of 2020       | GOP | 3,850.00      | 3,850.00      | 0.00 | AUS      |
| 50205030 01 | 1  | Renewal of Local Transport to UP Iloilo, 5Mbps  | SSED | Renewal of WETI                 | 1st - 4th Quarter of 2020 | GOP | 338,688.00    | 338,688.00    | 0.00 | INNOVATE |
| 50205030 01 | 1  | Renewal of Local Transport to UP Tacloban, 5Mbps  | SSED | Renewal of WETI                 | 1st - 4th Quarter of 2020 | GOP | 377,664.00    | 377,664.00    | 0.00 | INNOVATE |
| 50205030 01 | 1  | Renewal of Local Transport to UP Aurora, 2Mbps  | SSED | Renewal of WETI                 | 1st - 4th Quarter of 2020 | GOP | 225,792.00    | 225,792.00    | 0.00 | INNOVATE |
| 50205030 01 | 1  | Renewal of Local Transport to UP Koronadal, 2Mbps   | SSED | Renewal of WETI                 | 1st - 4th Quarter of 2020 | GOP | 249,984.00    | 249,984.00    | 0.00 | INNOVATE |
| 50205030 01 | 1  | Renewal of APAN Membership<br>(Jan 01 - Dec 31, 2020)   | SSED | Renewal of WETI                 | 1st Quarter of 2020       | GOP | 270,000.00    | 270,000.00    | 0.00 | INNOVATE |
| 50205030 00 | 20 | Renewal of Connectivity Subscription (including Membership) to APNIC<br>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 01 | 1  | Renewal of Local Transport to DOH, 50Mbps   | SSED | Renewal of WETI                 | 1st - 4th Quarter of 2020 | GOP | 144,000.00    | 144,000.00    | 0.00 | INNOVATE |
| 50205030 01 | 1  | Renewal of Local Transport to PAGASA Cebu, 2Mbps  | SSED | Renewal of WETI                 | 1st - 4th Quarter of 2020 | GOP | 131,873.28    | 131,873.28    | 0.00 | INNOVATE |
| 50205030 01 | 1  | Renewal of Local Transport to PAGASA Baguio, 2Mbps  | SSED | Renewal of WETI                 | 1st - 4th Quarter of 2020 | GOP | 248,989.44    | 248,989.44    | 0.00 | INNOVATE |
| 50205030 01 | 1  | Renewal of Local Transport to MMDA, 10Mbps  | SSED | Renewal of WETI                 | 1st - 4th Quarter of 2020 | GOP | 240,000.00    | 240,000.00    | 0.00 | INNOVATE |
| 50205030 01 | 1  | Renewal and Upgrade of Local transport to HOR- Primary from<br>115Mbps to 300Mbps                                 | SSED | Renewal of WETI                 | 1st - 4th Quarter of 2020 | GOP | 1,001,736.00  | 1,001,736.00  | 0.00 | INNOVATE |
| 50205030 01 | 1  | Renewal and Upgrade of Local transport to CA Manila – Primary from<br>8Mbps to 50Mbps                             | SSED | Renewal of WETI                 | 1st - 4th Quarter of 2020 | GOP | 228,480.00    | 228,480.00    | 0.00 | INNOVATE |
| 50205030 01 | 1  | Renewal and Upgrade of Local transport to CA Manila – Secondary from<br>8Mbps to 50Mbps                           | SSED | Renewal of WETI                 | 1st - 4th Quarter of 2020 | GOP | 312,000.00    | 312,000.00    | 0.00 | INNOVATE |
| 50205030 01 | 4  | Renewal and Upgrade of Local transport to CA Cebu from 3Mbps to<br>20Mbps   | SSED | Renewal of WETI                 | 1st - 4th Quarter of 2020 | GOP | 1,160,004.00  | 1,160,004.00  | 0.00 | INNOVATE |
| 50205030 01 | 1  | Renewal and Upgrade of Local transport to CA CDO from 2Mbps to<br>20Mbps  | SSED | Renewal of WETI                 | 1st - 4th Quarter of 2020 | GOP | 540,000.00    | 540,000.00    | 0.00 | INNOVATE |
| 50205030 01 | 1  | Renewal of Local Transport to NAMRIA-Binondo, 100Mbps   | SSED | Renewal of WETI                 | 1st - 4th Quarter of 2020 | GOP | 576,000.00    | 576,000.00    | 0.00 | INNOVATE |
| 50205030 01 | 1  | Renewal of Local Transport to UP Los Banos Link/IRRI - Primary, 1Gbps   | SSED | Renewal of WETI                 | 1st - 4th Quarter of 2020 | GOP | 3,029,376.00  | 3,029,376.00  | 0.00 | INNOVATE |
| 50205030 01 | 9  | Renewal of Local Transport to UP Los Banos Link/IRRI - Secondary,<br>1Gbps from 05 July 2020 to 31 December 2020  | SSED | Renewal of WETI                 | 3rd - 4th Quarter of 2020 | GOP | 1,009,738.95  | 1,009,738.95  | 0.00 | INNOVATE |
| 50205030 01 | 1  | Renewal of Local Transport to UP Miagao, 50Mbps   | SSED | Renewal of WETI                 | 1st - 4th Quarter of 2020 | GOP | 677,448.00    | 677,448.00    | 0.00 | INNOVATE |
| 50205030 01 | 1  | Renewal of Local Transport to UP South Road -Cebu, 2Mbps  | SSED | Renewal of WETI                 | 1st - 4th Quarter of 2020 | GOP | 144,720.00    | 144,720.00    | 0.00 | INNOVATE |
| 50205030 01 | 1  | Renewal of Local Transport to UP Mintal, Mindanao, 10Mbps   | SSED | Renewal of WETI                 | 1st - 4th Quarter of 2020 | GOP | 226,260.00    | 226,260.00    | 0.00 | INNOVATE |
| 50205030 01 | 1  | Renewal of Local Transport to UP Leyte, 2Mbps   | SSED | Renewal of WETI                 | 1st - 4th Quarter of 2020 | GOP | 143,112.00    | 143,112.00    | 0.00 | INNOVATE |
| 50205030 01 | 1  | Renewal of Local Transport to UP Pampanga, 5Mbps  | SSED | Renewal of WETI                 | 1st - 4th Quarter of 2020 | GOP | 166,608.00    | 166,608.00    | 0.00 | INNOVATE |
| 50205030 01 | 15 | Renewal of Local Transport to UP BGC, 10Mbps from January 1 -<br>December 31, 2020                                | SSED | Renewal of WETI                 | 1st - 4th Quarter of 2020 | GOP | 192,000.00    | 192,000.00    | 0.00 | INNOVATE |
| 50205030 01 | 1  | Renewal of Local Transport to Manila to Cebu-Primary, 1Gbps   | SSED | Renewal of WETI                 | 1st - 4th Quarter of 2020 | GOP | 5,615,256.00  | 5,615,256.00  | 0.00 | INNOVATE |
| 50205030 01 | 1  | Renewal of Local Transport to Manila to Cebu-Secondary, 1Gbps   | SSED | Renewal of WETI                 | 1st - 4th Quarter of 2020 | GOP | 7,001,376.00  | 7,001,376.00  | 0.00 | INNOVATE |
| 50205030 01 | 1  | Renewal and Downgrade of Local transport to MK2 from 10Gbps to<br>1Gbps   | SSED | Renewal of WETI                 | 1st - 4th Quarter of 2020 | GOP | 4,704,000.00  | 4,704,000.00  | 0.00 | INNOVATE |
| 50205030 01 | 1  | Renewal and Downgrade of Commodity Internet Philippines-Primary,<br>from 20Gbps to 10Gbps                         | SSED | Renewal of WETI                 | 1st - 4th Quarter of 2020 | GOP | 19,999,999.92 | 19,999,999.92 | 0.00 | INNOVATE |
| 50205030 01 | 1  | Renewal and Downgrade of Commodity Internet Philippines-Secondary,<br>from 20Gbps to 10Gbps                       | SSED | Renewal of WETI                 | 1st - 4th Quarter of 2020 | GOP | 20,000,000.00 | 20,000,000.00 | 0.00 | INNOVATE |
| 50205030 01 | 1  | Renewal and Downgrade of Commodity Internet - Hongkong, from<br>5Gbps to 1Gbps                                    | SSED | Renewal of WETI                 | 1st - 4th Quarter of 2020 | GOP | 4,032,000.00  | 4,032,000.00  | 0.00 | INNOVATE |
| 50205030 01 | 1  | Renewal of IPL Hongkong, 10Gbps<br>(Feb 08 - Dec 31, 2020)  | SSED | Renewal of WETI                 | 1st - 4th Quarter of 2020 | GOP | 24,000,000.00 | 24,000,000.00 | 0.00 | INNOVATE |

|             |    |   |      |  |                           |     |              |              |              |                    |
|-------------|----|---|------|--|---------------------------|-----|--------------|--------------|--------------|--------------------|
| 50205030 01 | 9  | Renewal and Downgrade of IPL Japan, from 10Gbps to 1Gbps from 31 May 2020 to 31 December 2020   | SSED | Renewal of WETI                                    | 2nd - 4th Quarter of 2020 | GOP | 9,097,255.33 | 9,097,255.33 | 0.00         | INNOVATE           |
| 50205030 01 | 1  | Renewal and Downgrade of Local Transport to Central Luzon State University Link from 2Gbps to 1Gbps (Jan 01 - Dec 31, 2020)   | SSED | Renewal of WETI                                    | 1st - 4th Quarter of 2020 | GOP | 2,760,000.00 | 2,760,000.00 | 0.00         | INNOVATE           |
| 50205030 01 | 1  | Renewal of Local Transport to Mindanao State University -IIT Link, 1Gbps  | SSED | Renewal of WETI                                    | 1st - 4th Quarter of 2020 | GOP | 3,695,569.55 | 3,695,569.55 | 0.00         | INNOVATE           |
| 50205030 01 | 9  | Renewal of Local Transport to Mariano Marcos State University - Batac Link, 1Gbps from 06 August 2020 to 31 December 2020   | SSED | Renewal of WETI                                    | 3rd - 4th Quarter of 2020 | GOP | 1,189,429.25 | 1,189,429.25 | 0.00         | INNOVATE           |
| 50205030 01 | 1  | Renewal of Local Transport to Batangas State University Link, 1Gbps   | SSED | Renewal of WETI                                    | 1st - 4th Quarter of 2020 | GOP | 2,940,000.00 | 2,940,000.00 | 0.00         | INNOVATE           |
| 50205030 01 | 1  | Renewal of Local Transport to Pangasinan State University Link, 1Gbps   | SSED | Renewal of WETI                                    | 1st - 4th Quarter of 2020 | GOP | 2,940,000.00 | 2,940,000.00 | 0.00         | INNOVATE           |
| 50205030 01 | 1  | Renewal of Sunits of Mobile Internet  | SSED | Renewal of WETI                                    | 1st - 4th Quarter of 2020 | GOP | 72,000.00    | 72,000.00    | 0.00         | INNOVATE           |
| 50205030 01 | 17 | Renewal of Connectivity Subscription (including Membership) to TEIN from January 1 - December 31, 2020  | SSED | Renewal of WETI                                    | 1st - 4th Quarter of 2020 | GOP | 2,700,000.00 | 2,700,000.00 | 0.00         | INNOVATE           |
| 50205030 01 | 19 | Renewal of Connectivity Subscription (including Membership) to SingAREN Open Exchange (SOE) from June 1, 2020 - May 31, 2021  | SSED | Renewal of WETI                                    | 1st - 4th Quarter of 2020 | GOP | 450,000.00   | 450,000.00   | 0.00         | INNOVATE           |
| 50205030 00 | 1  | Renewal of Local Transport to Davao Del Sur/CAAP, 1Gbps for 12 months   | SSED | Renewal of WETI                                    | 1st - 4th Quarter of 2020 | GOP | 5,828,052.00 | 5,828,052.00 | 0.00         | PEDRO              |
| 50205030 00 | 9  | Renewal and downgrade of Local Transport to Davao-Primary from 2Gbps to 1 Gbps  | SSED | Renewal of WETI                                    | 1st - 4th Quarter of 2020 | GOP | 7,170,967.74 | 7,170,967.74 | 0.00         | PEDRO              |
| 50211990 00 | 12 | Staff Outsourcing Services<br>1x AA III<br>1x PA II<br>1x SRS I<br>1x SRA<br>1x AA II<br>2x SRS II<br>1x SRAnalyst<br>2x PEO I<br>1x PEO II<br>1x Labor General Foreman | SSED | Competitive Bidding                                | 1st - 4th Quarter of 2020 | GOP | 4,815,582.96 | 4,815,582.96 | 0.00         | PEDRO              |
| 50211990 00 | 1  | Provision for Overtime Pay  | SSED | Competitive Bidding                                | 1st - 4th Quarter of 2020 | GOP | 134,126.72   | 134,126.72   | 0.00         | PEDRO              |
| 50211990 00 | 12 | Outsourcing Service:<br>One (1) Science Research Specialist II (Php 49650.59 x 12 mos.)<br>One (1) Science Research Specialist I (Php37302.99 x 12 mos)                 | SSED | Competitive Bidding                                | 1st Quarter of 2020       | GOP | 1,021,763.64 | 1,021,763.64 | 0.00         | RURAL SYNC         |
| 50211990 00 | 1  | Staff Outsourcing Services<br>1x SRS I  | SSED | Competitive Bidding                                | 1st Quarter of 2020       | GOP | 441,967.44   | 441,967.44   | 0.00         | SAGAP              |
| 50604070 01 | 1  | Furnished Shipping Container Office   | SSED | Competitive Bidding                                | 2nd Quarter of 2020       | GOP | 7,000,000.00 | 0.00         | 7,000,000.00 | SAR with AIS (GIA) |
| 50604050 03 | 1  | Antenna Spare Parts   | SSED | Competitive Bidding                                | 1st Quarter of 2020       | GOP | 1,000,000.00 | 0.00         | 1,000,000.00 | SAR with AIS (GIA) |
| 50604050 02 | 1  | Multi-display Video Wall  | SSED | Competitive Bidding                                | 2nd Quarter of 2020       | GOP | 1,700,000.00 | 0.00         | 1,700,000.00 | SAR with AIS (GIA) |
| 50211990 00 | 1  | Infrastructure Construction Manager Services  | SSED | NP-53.9 Small Value Procurement                    | 2nd Quarter of 2020       | GOP | 300,000.00   | 300,000.00   | 0.00         | SAR with AIS (GIA) |
| 50215030 00 | 4  | Davao-GRS Insurance (1 Year Insurance Premium)  | SSED | NP-53.5 Agency-to-Agency                           | 1st Quarter of 2020       | GOP | 1,124,625.00 | 1,124,625.00 | 0.00         | SAGAP              |
| 50215030 00 | 4  | ASTI-GRS Insurance (1 Year Insurance Premium)   | SSED | NP-53.5 Agency-to-Agency                           | 1st Quarter of 2020       | GOP | 1,295,359.53 | 1,295,359.53 | 0.00         | SAGAP              |
| 50212020 00 | 1  | Extension for the Provision of Janitorial Services, Five (5) Janitorial Personnel with Cleaning Supplies, Materials and Equipment (January 2020)                        | FAD  | Extension of Contract for General Support Services | 1st Quarter of 2020       | GOP | 125,000.00   | 125,000.00   | 0.00         |                    |
| 50212030 00 | 1  | Extension of Security Services with Supplies, Materials and Equipment (January 1 - 31, 2020)  | FAD  | Extension of Contract for General Support Services | 1st Quarter of 2020       | GOP | 170,806.81   | 170,806.81   | 0.00         |                    |
| 50203210 02 | 2  | Mobile devices for mobile application testing for OS version: Android 9.0 Pie or higher   | CSD  | NP-53.9 Small Value Procurement                    | 1st Quarter of 2020       | GOP | 14,999.00    | 14,999.00    | 0.00         |                    |
| 50203210 02 | 9  | Mobile devices for mobile application testing for OS version: Funtouch OS 9.2 (based on Android 9.0 Pie) or higher  | CSD  | NP-53.9 Small Value Procurement                    | 2nd Quarter of 2020       | GOP | 13,200.00    | 13,200.00    | 0.00         |                    |
| 50203210 02 | 2  | Mobile devices for mobile application testing for OS version: ColorOS 6.0.1, based on Android 9 (Pie) or higher   | CSD  | NP-53.9 Small Value Procurement                    | 1st Quarter of 2020       | GOP | 14,999.00    | 14,999.00    | 0.00         |                    |
| 50203210 02 | 2  | Mobile devices for mobile application testing for OS version: EMUI 9.0 (Android 9 Pie) or higher  | CSD  | NP-53.9 Small Value Procurement                    | 1st Quarter of 2020       | GOP | 12,100.00    | 12,100.00    | 0.00         |                    |
| 50203210 02 | 2  | Mobile devices for mobile application testing for OS version: MIUI 10, based on Android 9.0 Pie or higher   | CSD  | NP-53.9 Small Value Procurement                    | 1st Quarter of 2020       | GOP | 14,300.00    | 14,300.00    | 0.00         |                    |
| 50203210 02 | 9  | Mobile devices for mobile application testing for OS version: Android 9.0 Pie or higher   | CSD  | NP-53.9 Small Value Procurement                    | 2nd Quarter of 2020       | GOP | 9,600.00     | 9,600.00     | 0.00         |                    |
| 50203210 02 | 9  | Mobile devices for mobile application testing for OS version: Android 9.0 (Pie); One UI or higher   | CSD  | NP-53.9 Small Value Procurement                    | 2nd Quarter of 2020       | GOP | 8,500.00     | 8,500.00     | 0.00         |                    |
| 50203210 02 | 2  | Mobile devices for mobile application testing for OS version: ColorOS 6, based on Android 9.0 (Pie) or higher   | CSD  | NP-53.9 Small Value Procurement                    | 1st Quarter of 2020       | GOP | 14,850.00    | 14,850.00    | 0.00         |                    |
| 50212030 00 | 2  | Extension of Security Services with Supplies, Materials and Equipment (February 1 - 29, 2020)   | FAD  | Extension of Contract for General Support Services | 1st Quarter of 2020       | GOP | 170,806.81   | 170,806.81   | 0.00         |                    |
| 50212020 00 | 2  | Extension of Janitorial Services with Cleaning Supplies, Materials and Equipment (February 1-29, 2020)  | FAD  | Extension of Contract for General Support Services | 1st Quarter of 2020       | GOP | 119,255.85   | 119,255.85   | 0.00         |                    |
| 50203010 02 | 17 | AAA Battery<br>4 pcs  | KMD  | Shopping   | 3rd Quarter of 2020       | GOP | 2,000.00     | 2,000.00     | 0.00         |                    |
| 50203990 00 | 2  | HDMI to USB Video Capture Card  | KMD  | NP-53.9 Small Value Procurement                    | 1st Quarter of 2020       | GOP | 10,000.00    | 10,000.00    | 0.00         |                    |
| 50203990 00 | 2  | LAN to USB adapter  | KMD  | NP-53.9 Small Value Procurement                    | 1st Quarter of 2020       | GOP | 2,000.00     | 2,000.00     | 0.00         |                    |

|                            |   |   |      |  |                           |     |               |              |              |               |
|----------------------------|---|---|------|--|---------------------------|-----|---------------|--------------|--------------|---------------|
| 50203990 00                | 4 | HDMI Switcher<br>(at least 4 HDMI ports)  | KMD  | NP-53.9 Small Value Procurement  | 1st Quarter of 2020       | GOP | 2,700.00      | 2,700.00     | 0.00         |               |
| 50299070 99                | 2 | Subscription to Microsoft Office 365 Enterprise 3 User  | KMD  | NP-53.5 Agency-to-Agency   | 1st Quarter of 2020       | GOP | 2,603,660.43  | 2,603,660.43 | 0.00         |               |
| 50299070 99                | 2 | Subscription to Microsoft Office 365 Enterprise User 5  | KMD  | NP-53.5 Agency-to-Agency   | 1st Quarter of 2020       | GOP | 166,987.66    | 166,987.66   | 0.00         |               |
| 50299030 00                | 2 | Catering Service for Coordination Meeting of Japan Aerospace<br>Exploration Agency (JAXA) and DOST-ASTI   | RDD  | NP-53.9 Small Value Procurement  | 1st Quarter of 2020       | GOP | 60,000.00     | 60,000.00    | 0.00         | DATOS (GIA)   |
| 50205040 00                | 4 | High Resolution Optical and SAR Direct Reception Imaging Services   | SSED | Competitive Bidding  | 2nd Quarter of 2020       | GOP | 6,150,000.00  | 6,150,000.00 | 0.00         | SAGAP         |
| 50203010 02                | 3 | Black Toner (TK-5234K)<br>(for Ecosys M5521 cwd printer)  | FAD  | Shopping   | 1st Quarter of 2020       | GOP | 48,750.00     | 48,750.00    | 0.00         | DATOS (GIA)   |
| 50203010 02                | 3 | Black Toner (TK-8113K)<br>(for Ecosys M8124 CIDN printer)   | FAD  | Shopping   | 1st Quarter of 2020       | GOP | 10,300.00     | 10,300.00    | 0.00         | DATOS (GIA)   |
| 50201010 00                | 3 | Travel Expenses   | FAD  | NP-53.14 Direct Retail Purchase of<br>Petroleum Fuel Oil and Lubricant (POL)<br>Products and Airline Tickets | 1st - 4th Quarter of 2020 | GOP | 1,600,000.00  | 1,600,000.00 | 0.00         |               |
| 50213050 14                | 3 | Repair of PCB Prototyping Machine   | RDD  | NP-53.9 Small Value Procurement  | 1st - 2nd Quarter of 2020 | GOP | 930,000.00    | 930,000.00   | 0.00         | EPIC_Y2 (GIA) |
| 50215030 00                | 3 | Renewal of GSIS Equipment Insurance   | RDD  | NP-53.5 Agency-to-Agency   | 1st - 4th Quarter of 2020 | GOP | 1,411,256.31  | 1,411,256.31 | 0.00         | EPIC_Y2 (GIA) |
| 50215030 00                | 3 | Renewal of GSIS Fire Insurance  | RDD  | NP-53.5 Agency-to-Agency   | 1st - 4th Quarter of 2020 | GOP | 145,238.66    | 145,238.66   | 0.00         | EPIC_Y2 (GIA) |
| 50299050 01                | 3 | Lease of venue for Garage Planning (outside ASTI)   | RDD  | NP-53.10 Lease of Real Property  | 1st Quarter of 2020       | GOP | 150,000.00    | 150,000.00   | 0.00         | EPIC_Y2 (GIA) |
| 50299050 01                | 3 | Renewal of Lease of Room Space in a Data Center Facility and Services<br>including rack cabinets rental   | RDD  | Renewal of Contract of Lease of Real<br>Property per GPPB Resolution 06-2018<br>dd. 18 May 2018              | 1st - 2nd Quarter of 2020 | GOP | 3,698,000.00  | 3,698,000.00 | 0.00         | DATOS (GIA)   |
| 50604050 14                | 3 | Supply and Delivery of PCB Board Cutter   | RDD  | Competitive Bidding  | 1st - 2nd Quarter of 2020 | GOP | 181,500.00    | 0.00         | 181,500.00   | EPIC_Y2 (GIA) |
| 50604050 14                | 3 | Supply and Delivery of Brush Cleaning Equipment   | RDD  | Competitive Bidding  | 1st - 2nd Quarter of 2020 | GOP | 968,000.00    | 0.00         | 968,000.00   | EPIC_Y2 (GIA) |
| 50604050 14                | 3 | Supply and Delivery of CNC-drilling and Contour Routing Equipment   | RDD  | Competitive Bidding  | 1st - 2nd Quarter of 2020 | GOP | 1,314,720.00  | 0.00         | 1,314,720.00 | EPIC_Y2 (GIA) |
| 50604050 14                | 3 | Supply and Delivery of Through Hole Plating Machine   | RDD  | Competitive Bidding  | 1st - 2nd Quarter of 2020 | GOP | 1,182,500.00  | 0.00         | 1,182,500.00 | EPIC_Y2 (GIA) |
| 50604050 14                | 3 | Supply and Delivery of Dry Film Laminator   | RDD  | Competitive Bidding  | 1st - 2nd Quarter of 2020 | GOP | 742,720.00    | 0.00         | 742,720.00   | EPIC_Y2 (GIA) |
| 50604050 14                | 3 | Supply and Delivery of PCB Developing Machine   | RDD  | Competitive Bidding  | 1st - 2nd Quarter of 2020 | GOP | 352,000.00    | 0.00         | 352,000.00   | EPIC_Y2 (GIA) |
| 50604050 14                | 3 | Supply and Delivery of PCB Etching Machine  | RDD  | Competitive Bidding  | 1st - 2nd Quarter of 2020 | GOP | 352,000.00    | 0.00         | 352,000.00   | EPIC_Y2 (GIA) |
| 50604050 14                | 3 | Supply and Delivery of PCB Stripping Machine  | RDD  | Competitive Bidding  | 1st - 2nd Quarter of 2020 | GOP | 544,500.00    | 0.00         | 544,500.00   | EPIC_Y2 (GIA) |
| 50604050 14                | 3 | Supply and Delivery of PCB Exposure Unit  | RDD  | Competitive Bidding  | 1st - 2nd Quarter of 2020 | GOP | 242,000.00    | 0.00         | 242,000.00   | EPIC_Y2 (GIA) |
| 50604050 14                | 3 | Supply and Delivery of Photoplotter   | RDD  | Competitive Bidding  | 1st - 2nd Quarter of 2020 | GOP | 986,370.00    | 0.00         | 986,370.00   | EPIC_Y2 (GIA) |
| 50604050 99                | 3 | Supply and Delivery of One (1) Lot Recirculating Wastewater Treatment   | RDD  | Competitive Bidding  | 1st - 2nd Quarter of 2020 | GOP | 440,220.00    | 0.00         | 440,220.00   | EPIC_Y2 (GIA) |
| 50604050 14                | 3 | Supply and Delivery of Surface Finish Chemical Nickel and Gold (ENIG)   | RDD  | Competitive Bidding  | 1st - 2nd Quarter of 2020 | GOP | 1,551,000.00  | 0.00         | 1,551,000.00 | EPIC_Y2 (GIA) |
| 50604050 14                | 3 | Supply and Delivery of One (1) Lot Rapid Prototyping Upgrade<br>Accessories   | RDD  | Competitive Bidding  | 1st - 2nd Quarter of 2020 | GOP | 797,500.00    | 0.00         | 797,500.00   | EPIC_Y2 (GIA) |
| 50203990 00                | 9 | FR4 (1 and 2 layer, presensitised) Laminates<br>• 10 PCBs FR4 (35 µm, 510x1150x1.5 mm thick, 1 side)<br>• 10 PCBs FR4 (35 µm, 510x1150x1.5 mm thick, 2 sides)   | RDD  | NP-53.9 Small Value Procurement  | 1st - 2nd Quarter of 2020 | GOP | 190,080.00    | 190,080.00   | 0.00         | EPIC_Y2 (GIA) |
| 50203990 00                | 9 | Chemicals and etchants<br>• Stripper for negative photoresists (10x250g bags)<br>• Ferric Chloride (2x25 liter jerry can)<br>• Stain Remover (25x1 kg bag)<br>• Black out spray (5 spray bottles - 150ml each)<br>• And other local supplies needed for this operation    | RDD  | NP-53.9 Small Value Procurement  | 1st - 2nd Quarter of 2020 | GOP | 90,964.50     | 90,964.50    | 0.00         | EPIC_Y2 (GIA) |
| 50203990 00                | 9 | Plating consumables<br>• Two (2) sets of Through hole plating machine consumables starter set<br>(DS270-500mL, DS400-25L, DS500-500mL, DS650L-5L, DS650P-5L,<br>DS650C-500mL, CU400C-25L, CU400A-1L)<br>• One (1) set of Solder Mask starter set (1 Roll 305mmx75m, 75um) | RDD  | NP-53.9 Small Value Procurement  | 1st - 2nd Quarter of 2020 | GOP | 270,845.30    | 270,845.30   | 0.00         | EPIC_Y2 (GIA) |
| 50203990 00                | 9 | Wastewater Treatment Supplies<br>• One (1) cotton pre-filter.<br>• Two (2) cation filter.<br>• One (1) pH neutraliser.<br>• Active carbon filter candle<br>• Anion exchange resin<br>• Kation exchange resin  | RDD  | NP-53.9 Small Value Procurement  | 1st - 2nd Quarter of 2020 | GOP | 33,480.70     | 33,480.70    | 0.00         | EPIC_Y2 (GIA) |
| 50203990 00                | 9 | Laser Photoplotter / Layout film<br>• Film starter set, 50 sheets film<br>• Developer, 30 liters<br>• Fixer, 30 liters<br>• Special-tape,<br>• Drying tissue  | RDD  | NP-53.9 Small Value Procurement  | 1st - 2nd Quarter of 2020 | GOP | 64,900.00     | 64,900.00    | 0.00         | EPIC_Y2 (GIA) |
| 50203990 00                | 9 | Cutting Blades<br>• Additional pair of cutting blades for the board   | RDD  | NP-53.9 Small Value Procurement  | 1st - 2nd Quarter of 2020 | GOP | 30,800.00     | 30,800.00    | 0.00         | EPIC_Y2 (GIA) |
| 50203990 00                | 3 | Drills/Routers  | RDD  | Competitive Bidding  | 1st - 2nd Quarter of 2020 | GOP | 54,450.00     | 54,450.00    | 0.00         | EPIC_Y2 (GIA) |
| 50606020 00<br>50299070 99 | 3 | Supply and Delivery of Electronic Design Tools Software   | RDD  | Competitive Bidding  | 1st - 2nd Quarter of 2020 | GOP | 12,905,414.00 | 8,328,045.00 | 4,577,369.00 | EPIC_Y2 (GIA) |
| 50201020 00                | 3 | Foreign Travel Airfare Expenses   | SSED | NP-53.14 Direct Retail Purchase of<br>Petroleum Fuel Oil and Lubricant (POL)<br>Products and Airline Tickets | 1st - 4th Quarter of 2020 | GOP | 97,267.00     | 97,267.00    | 0.00         | SAGAP         |

|             |    |   |      |  |                           |     |              |            |              |                         |
|-------------|----|---|------|--|---------------------------|-----|--------------|------------|--------------|-------------------------|
| 50201010 00 | 3  | Airfare for Travel  | SSED | NP-53.14 Direct Retail Purchase of Petroleum Fuel Oil and Lubricant (POL) Products and Airline Tickets | 1st - 4th Quarter of 2020 | GOP | 20,000.00    | 20,000.00  | 0.00         | SAR with AIS (GIA)      |
| 50201010 00 | 3  | Local Travel Expenses   | SSED | NP-53.14 Direct Retail Purchase of Petroleum Fuel Oil and Lubricant (POL) Products and Airline Tickets | 1st - 4th Quarter of 2020 | GOP | 75,000.00    | 75,000.00  | 0.00         | SAR with AIS (GIA)      |
| 50203010 02 | 4  | BATTERY, dry cell, AA   | CSD  | NP-53.5 Agency-to-Agency   | 1st - 2nd Quarter of 2020 | GOP | 290.40       | 290.40     | 0.00         | APP-CSE                 |
| 50203010 02 | 4  | BATTERY, dry cell, AAA  | CSD  | NP-53.5 Agency-to-Agency   | 1st - 2nd Quarter of 2020 | GOP | 966.77       | 966.77     | 0.00         | APP-CSE                 |
| 50203010 02 | 4  | GLUE, all purpose   | CSD  | NP-53.5 Agency-to-Agency   | 1st Quarter of 2020       | GOP | 186.30       | 186.30     | 0.00         | APP-CSE                 |
| 50203010 02 | 4  | MARKER, FLUORESCENT   | CSD  | NP-53.5 Agency-to-Agency   | 1st Quarter of 2020       | GOP | 420.12       | 420.12     | 0.00         | APP-CSE                 |
| 50203010 02 | 4  | MARKER, WHITEBOARD  | CSD  | NP-53.5 Agency-to-Agency   | 1st - 2nd Quarter of 2020 | GOP | 307.74       | 307.74     | 0.00         | APP-CSE                 |
| 50203010 02 | 4  | NOTEPAD, STICK-ON, 3X3  | CSD  | NP-53.5 Agency-to-Agency   | 1st - 2nd Quarter of 2020 | GOP | 1,956.93     | 1,956.93   | 0.00         | APP-CSE                 |
| 50203010 02 | 4  | NOTEPAD, STICK-ON, 3X4  | CSD  | NP-53.5 Agency-to-Agency   | 1st - 2nd Quarter of 2020 | GOP | 1,659.84     | 1,659.84   | 0.00         | APP-CSE                 |
| 50203010 02 | 4  | PAPER, MULTICOPY, 80gsm (A4)  | CSD  | NP-53.5 Agency-to-Agency   | 1st - 2nd Quarter of 2020 | GOP | 13,133.12    | 13,133.12  | 0.00         | APP-CSE                 |
| 50203010 02 | 4  | PAPER, MULTICOPY, 80gsm (legal)   | CSD  | NP-53.5 Agency-to-Agency   | 1st Quarter of 2020       | GOP | 1,814.20     | 1,814.20   | 0.00         | APP-CSE                 |
| 50203010 02 | 4  | TAPE, TRANSPARENT, width: 24mm  | CSD  | NP-53.5 Agency-to-Agency   | 1st Quarter of 2020       | GOP | 181.62       | 181.62     | 0.00         | APP-CSE                 |
| 50203010 02 | 4  | TAPE, TRANSPARENT, width: 48mm  | CSD  | NP-53.5 Agency-to-Agency   | 1st Quarter of 2020       | GOP | 99.85        | 99.85      | 0.00         | APP-CSE                 |
| 50203010 02 | 4  | SCISSORS  | CSD  | NP-53.5 Agency-to-Agency   | 1st Quarter of 2020       | GOP | 40.56        | 40.56      | 0.00         | APP-CSE                 |
| 50203010 02 | 4  | TOILET TISSUE PAPER, 2-ply sheets   | CSD  | NP-53.5 Agency-to-Agency   | 1st - 2nd Quarter of 2020 | GOP | 25,346.00    | 25,346.00  | 0.00         | APP-CSE                 |
| 50203010 02 | 4  | PENCIL SHARPENER  | CSD  | NP-53.5 Agency-to-Agency   | 1st Quarter of 2020       | GOP | 202.80       | 202.80     | 0.00         | APP-CSE                 |
| 50203010 02 | 4  | DISINFECTANT SPRAY  | CSD  | NP-53.5 Agency-to-Agency   | 1st Quarter of 2020       | GOP | 2,450.24     | 2,450.24   | 0.00         | APP-CSE                 |
| 50203010 02 | 4  | DATA FOLDER   | CSD  | NP-53.5 Agency-to-Agency   | 1st Quarter of 2020       | GOP | 274.56       | 274.56     | 0.00         | APP-CSE                 |
| 50203010 02 | 4  | Flash Drive, 16gb   | CSD  | NP-53.5 Agency-to-Agency   | 1st Quarter of 2020       | GOP | 167.44       | 167.44     | 0.00         | APP-CSE                 |
| 50604050 03 | 4  | Laptop (for ASTI)   | KMD  | Competitive Bidding  | 1st Quarter of 2020       | GOP | 1,986,000.00 | 0.00       | 1,986,000.00 |                         |
| 50604050 03 | 4  | Laptop (for CSD)  | KMD  | Competitive Bidding  | 1st Quarter of 2020       | GOP | 606,600.00   | 0.00       | 606,600.00   |                         |
| 50604050 03 | 4  | Network Attached Storage (NAS) - 2Bay                                     | KMD  | NP-53.9 Small Value Procurement  | 1st Quarter of 2020       | GOP | 40,400.00    | 0.00       | 40,400.00    |                         |
| 50604050 03 | 4  | Desktop (for Corporate Communications Staff)                              | KMD  | Competitive Bidding  | 1st Quarter of 2020       | GOP | 195,000.00   | 0.00       | 195,000.00   |                         |
| 50604050 03 | 4  | Desktop (for FAD Staff)   | KMD  | Competitive Bidding  | 1st Quarter of 2020       | GOP | 180,000.00   | 0.00       | 180,000.00   |                         |
| 50203010 02 | 4  | Glossy A4 Photo paper   | SSED | Shopping   | 1st Quarter of 2020       | GOP | 1,620.00     | 1,620.00   | 0.00         | ULAT (GIA) Shopping (b) |
| 50203010 02 | 4  | Glossy A4 Sticker paper   | SSED | Shopping   | 1st Quarter of 2020       | GOP | 1,000.00     | 1,000.00   | 0.00         | ULAT (GIA) Shopping (b) |
| 50203220 01 | 4  | Mobile Pedestal   | SSED | NP-53.9 Small Value Procurement  | 1st Quarter of 2020       | GOP | 32,000.00    | 32,000.00  | 0.00         | SAR with AIS (GIA)      |
| 50211990 00 | 17 | Embroidery Service for 250 shirts   | SSED | NP-53.9 Small Value Procurement  | 1st Quarter of 2020       | GOP | 50,000.00    | 50,000.00  | 0.00         | ULAT (GIA)              |
| 50203010 02 | 4  | Long Clip board with cover  | SSED | NP-53.9 Small Value Procurement  | 1st Quarter of 2020       | GOP | 1,500.00     | 1,500.00   | 0.00         | ULAT (GIA)              |
| 50203010 02 | 4  | Colored Philippine Wall Map   | SSED | NP-53.9 Small Value Procurement  | 1st Quarter of 2020       | GOP | 500.00       | 500.00     | 0.00         | ULAT (GIA)              |
| 50203010 01 | 17 | 32GB Camera Memory Card 2 pcs   | SSED | NP-53.9 Small Value Procurement  | 1st Quarter of 2020       | GOP | 3,500.00     | 3,500.00   | 0.00         | ULAT (GIA)              |
| 50203010 02 | 4  | 2 layer Plastic Desk Tray   | SSED | NP-53.9 Small Value Procurement  | 1st Quarter of 2020       | GOP | 2,000.00     | 2,000.00   | 0.00         | ULAT (GIA)              |
| 50203210 02 | 17 | Point-and-Shoot Camera Bag (16 x 13 x 18 cm) 1 pc                         | SSED | NP-53.9 Small Value Procurement  | 1st Quarter of 2020       | GOP | 3,500.00     | 3,500.00   | 0.00         | ULAT (GIA)              |
| 50203990 00 | 4  | Clear Reusable Ziplock Bags   | SSED | NP-53.9 Small Value Procurement  | 1st Quarter of 2020       | GOP | 300.00       | 300.00     | 0.00         | ULAT (GIA)              |
| 50299050 03 | 17 | Vehicle Rental Region VI (Iloilo) - Airconditioned                        | SSED | NP-53.9 Small Value Procurement  | 1st Quarter of 2020       | GOP | 3,450.00     | 3,450.00   | 0.00         | ULAT (GIA)              |
| 50203990 00 | 4  | Sand Paper  | SSED | NP-53.9 Small Value Procurement  | 1st Quarter of 2020       | GOP | 10,233.00    | 10,233.00  | 0.00         | ULAT (GIA)              |
| 50203990 00 | 4  | Jumper Wires  | SSED | NP-53.9 Small Value Procurement  | 1st Quarter of 2020       | GOP | 14,400.00    | 14,400.00  | 0.00         | ULAT (GIA)              |
| 50203210 00 | 4  | Oscilloscope Probes   | SSED | NP-53.9 Small Value Procurement  | 1st Quarter of 2020       | GOP | 4,720.00     | 4,720.00   | 0.00         | ULAT (GIA)              |
| 50203210 00 | 4  | Thermal IR Measuring Sensor   | SSED | NP-53.9 Small Value Procurement  | 1st Quarter of 2020       | GOP | 10,716.00    | 10,716.00  | 0.00         | ULAT (GIA)              |
| 50203990 00 | 4  | Steel Brush with hardened steel tip                                       | SSED | NP-53.9 Small Value Procurement  | 1st Quarter of 2020       | GOP | 4,121.42     | 4,121.42   | 0.00         | ULAT (GIA)              |
| 50203990 00 | 4  | Acrylic Spray Paint   | SSED | NP-53.9 Small Value Procurement  | 1st Quarter of 2020       | GOP | 48,316.80    | 48,316.80  | 0.00         | ULAT (GIA)              |
| 50203990 00 | 4  | Micro HDMI to VGA adaptor (male-female)                                   | SSED | NP-53.9 Small Value Procurement  | 1st Quarter of 2020       | GOP | 2,206.92     | 2,206.92   | 0.00         | ULAT (GIA)              |
| 50203990 00 | 4  | USB type A to type A cable  | SSED | NP-53.9 Small Value Procurement  | 1st Quarter of 2020       | GOP | 1,707.10     | 1,707.10   | 0.00         | ULAT (GIA)              |
| 50203990 00 | 4  | Embedded Module power supply  | SSED | NP-53.9 Small Value Procurement  | 1st Quarter of 2020       | GOP | 4,917.75     | 4,917.75   | 0.00         | ULAT (GIA)              |
| 50203990 00 | 4  | Micro HDMI to HDMI  | SSED | NP-53.9 Small Value Procurement  | 1st Quarter of 2020       | GOP | 3,073.59     | 3,073.59   | 0.00         | ULAT (GIA)              |
| 50203990 00 | 4  | Embedded Module   | SSED | NP-53.9 Small Value Procurement  | 1st Quarter of 2020       | GOP | 29,500.00    | 29,500.00  | 0.00         | ULAT (GIA)              |
| 50203990 00 | 4  | Prototyping Soldering Materials for Lightning Detecting Station Prototype | SSED | NP-53.9 Small Value Procurement  | 1st Quarter of 2020       | GOP | 85,800.00    | 85,800.00  | 0.00         | ULAT (GIA)              |
| 50207020 02 | 4  | Electric Field Mill   | SSED | NP-53.9 Small Value Procurement  | 1st Quarter of 2020       | GOP | 594,000.00   | 594,000.00 | 0.00         | ULAT (GIA)              |
| 50203010 02 | 4  | Heavy Duty Cutter with auto lock slider                                   | SSED | NP-53.5 Agency-to-Agency   | 1st Quarter of 2020       | GOP | 2,250.00     | 2,250.00   | 0.00         | ULAT (GIA); APP-CSE     |
| 50604050 03 | 17 | Laptops for Research and Development 4 units in 1 lot                     | SSED | NP-53.9 Small Value Procurement  | 1st Quarter of 2020       | GOP | 450,000.00   | 0.00       | 450,000.00   | ULAT (GIA)              |

|             |   |   |      |  |                           |     |              |              |      |            |
|-------------|---|---|------|--|---------------------------|-----|--------------|--------------|------|------------|
| 50207020 02 | 4 | Lightning Warning Sensor Kit  | SSED | Competitive Bidding                                | 1st Quarter of 2020       | GOP | 1,100,000.00 | 1,100,000.00 | 0.00 | ULAT (GIA) |
| 5020310 02  | 5 | ALCOHOL, ethyl, 68%-70%, scented, 500ml (-5ml)  | FAD  | NP-53.5 Agency-to-Agency                           | 1st - 2nd Quarter of 2020 | GOP | 2,199.60     | 2,199.60     | 0.00 | APP-CSE    |
| 5020310 02  | 5 | STAMP PAD INK, purple or violet   | FAD  | NP-53.5 Agency-to-Agency                           | 1st Quarter of 2020       | GOP | 63.04        | 63.04        | 0.00 | APP-CSE    |
| 5020310 02  | 5 | NOTE PAD, stick on, 50mm x 76mm (2" x 3") min   | FAD  | NP-53.5 Agency-to-Agency                           | 1st - 4th Quarter of 2020 | GOP | 2,371.84     | 2,371.84     | 0.00 | APP-CSE    |
| 5020310 02  | 5 | NOTE PAD, stick on, 76mm x 100mm (3" x 4") min  | FAD  | NP-53.5 Agency-to-Agency                           | 1st - 2nd Quarter of 2020 | GOP | 1,482.00     | 1,482.00     | 0.00 | APP-CSE    |
| 5020310 02  | 5 | NOTE PAD, stick on, 76mm x 76mm (3" x 3") min   | FAD  | NP-53.5 Agency-to-Agency                           | 1st - 3rd Quarter of 2020 | GOP | 2,100.12     | 2,100.12     | 0.00 | APP-CSE    |
| 5020310 02  | 5 | PAPER, MULTICOPY, 80gsm, size: 210mm x 297mm  | FAD  | NP-53.5 Agency-to-Agency                           | 1st - 4th Quarter of 2020 | GOP | 20,126.08    | 20,126.08    | 0.00 | APP-CSE    |
| 5020310 02  | 5 | PAPER, MULTICOPY, 80gsm, size: 216mm x 330mm  | FAD  | NP-53.5 Agency-to-Agency                           | 1st - 4th Quarter of 2020 | GOP | 16,327.80    | 16,327.80    | 0.00 | APP-CSE    |
| 5020310 02  | 5 | TOILET TISSUE PAPER 2-plys sheets, 150 pulls  | FAD  | NP-53.5 Agency-to-Agency                           | 1st - 4th Quarter of 2020 | GOP | 13,110.00    | 13,110.00    | 0.00 | APP-CSE    |
| 5020310 02  | 5 | BATTERY, dry cell, AA, 2 pieces per blister pack  | FAD  | NP-53.5 Agency-to-Agency                           | 1st - 3rd Quarter of 2020 | GOP | 1,234.20     | 1,234.20     | 0.00 | APP-CSE    |
| 5020310 02  | 5 | BATTERY, dry cell, AAA, 2 pieces per blister pack   | FAD  | NP-53.5 Agency-to-Agency                           | 1st - 3rd Quarter of 2020 | GOP | 414.33       | 414.33       | 0.00 | APP-CSE    |
| 5020310 02  | 5 | GLUE, all purpose, gross weight: 200 grams min  | FAD  | NP-53.5 Agency-to-Agency                           | 1st Quarter of 2020       | GOP | 124.20       | 124.20       | 0.00 | APP-CSE    |
| 5020310 02  | 5 | STAPLE WIRE, STANDARD, (26/6)   | FAD  | NP-53.5 Agency-to-Agency                           | 1st - 4th Quarter of 2020 | GOP | 676.50       | 676.50       | 0.00 | APP-CSE    |
| 5020310 02  | 5 | Tape, Electrical, 18mm x 16M min  | FAD  | NP-53.5 Agency-to-Agency                           | 1st Quarter of 2020       | GOP | 37.34        | 37.34        | 0.00 | APP-CSE    |
| 5020310 02  | 5 | TAPE, TRANSPARENT, width: 24mm (±1mm)   | FAD  | NP-53.5 Agency-to-Agency                           | 1st - 4th Quarter of 2020 | GOP | 100.90       | 100.90       | 0.00 | APP-CSE    |
| 5020310 02  | 5 | RULER, plastic, 450mm (18"), width: 38mm min  | FAD  | NP-53.5 Agency-to-Agency                           | 1st Quarter of 2020       | GOP | 70.72        | 70.72        | 0.00 | APP-CSE    |
| 5020310 02  | 5 | FURNITURE CLEANER, aerosol type, 300ml min per can  | FAD  | NP-53.5 Agency-to-Agency                           | 1st - 4th Quarter of 2020 | GOP | 924.24       | 924.24       | 0.00 | APP-CSE    |
| 5020310 02  | 5 | CLIP, BACKFOLD, all metal, clamping: 19mm (-1mm)  | FAD  | NP-53.5 Agency-to-Agency                           | 1st - 4th Quarter of 2020 | GOP | 1,538.50     | 1,538.50     | 0.00 | APP-CSE    |
| 5020310 02  | 5 | CLIP, BACKFOLD, all metal, clamping: 25mm (-1mm)  | FAD  | NP-53.5 Agency-to-Agency                           | 1st - 4th Quarter of 2020 | GOP | 2,137.80     | 2,137.80     | 0.00 | APP-CSE    |
| 5020310 02  | 5 | CLIP, BACKFOLD, all metal, clamping: 32mm (-1mm)  | FAD  | NP-53.5 Agency-to-Agency                           | 1st - 4th Quarter of 2020 | GOP | 2,995.20     | 2,995.20     | 0.00 | APP-CSE    |
| 5020310 02  | 5 | CLIP, BACKFOLD, all metal, clamping: 50mm (-1mm)  | FAD  | NP-53.5 Agency-to-Agency                           | 1st - 4th Quarter of 2020 | GOP | 5,453.76     | 5,453.76     | 0.00 | APP-CSE    |
| 5020310 02  | 5 | ENVELOPE, DOCUMENTARY, for A4 size document   | FAD  | NP-53.5 Agency-to-Agency                           | 1st Quarter of 2020       | GOP | 673.09       | 673.09       | 0.00 | APP-CSE    |
| 5020310 02  | 5 | ENVELOPE, DOCUMENTARY, for legal size document  | FAD  | NP-53.5 Agency-to-Agency                           | 1st Quarter of 2020       | GOP | 927.16       | 927.16       | 0.00 | APP-CSE    |
| 5020310 02  | 5 | ENVELOPE, MAILING, white, 80gsm (-5%)   | FAD  | NP-53.5 Agency-to-Agency                           | 1st Quarter of 2020       | GOP | 378.20       | 378.20       | 0.00 | APP-CSE    |
| 5020310 02  | 5 | FOLDER, L-TYPE, PLASTIC, for A4 size documents  | FAD  | NP-53.5 Agency-to-Agency                           | 1st Quarter of 2020       | GOP | 171.43       | 171.43       | 0.00 | APP-CSE    |
| 5020310 02  | 5 | FOLDER, L-TYPE, PLASTIC, for legal size documents   | FAD  | NP-53.5 Agency-to-Agency                           | 1st Quarter of 2020       | GOP | 243.24       | 243.24       | 0.00 | APP-CSE    |
| 5020310 02  | 5 | FOLDER, PRESSBOARD, size: 240mm x 370mm (-5mm)  | FAD  | NP-53.5 Agency-to-Agency                           | 1st Quarter of 2020       | GOP | 1,905.28     | 1,905.28     | 0.00 | APP-CSE    |
| 5020310 02  | 5 | FOLDER, TAGBOARD, for legal size documents  | FAD  | NP-53.5 Agency-to-Agency                           | 1st Quarter of 2020       | GOP | 321.36       | 321.36       | 0.00 | APP-CSE    |
| 5020310 02  | 5 | INDEX TAB, self-adhesive, transparent   | FAD  | NP-53.5 Agency-to-Agency                           | 1st Quarter of 2020       | GOP | 56.68        | 56.68        | 0.00 | APP-CSE    |
| 5020310 02  | 5 | MARKER, FLUORESCENT, 3 assorted colors per set  | FAD  | NP-53.5 Agency-to-Agency                           | 1st Quarter of 2020       | GOP | 186.72       | 186.72       | 0.00 | APP-CSE    |
| 5020310 02  | 5 | PAPER CLIP, vinyl/plastic coat, length: 32mm min  | FAD  | NP-53.5 Agency-to-Agency                           | 1st - 4th Quarter of 2020 | GOP | 194.00       | 194.00       | 0.00 | APP-CSE    |
| 5020310 02  | 5 | PAPER CLIP, vinyl/plastic coat, length: 48mm min  | FAD  | NP-53.5 Agency-to-Agency                           | 1st - 4th Quarter of 2020 | GOP | 205.68       | 205.68       | 0.00 | APP-CSE    |
| 5020310 02  | 5 | RUBBER BAND, 70mm min lay flat length (#18)   | FAD  | NP-53.5 Agency-to-Agency                           | 1st Quarter of 2020       | GOP | 109.50       | 109.50       | 0.00 | APP-CSE    |
| 5020310 02  | 5 | STAMP PAD, FELT, bed dimension: 60mm x 100mm min  | FAD  | NP-53.5 Agency-to-Agency                           | 1st Quarter of 2020       | GOP | 34.95        | 34.95        | 0.00 | APP-CSE    |
| 5020310 02  | 5 | CUTTER BLADE, for heavy duty cutter   | FAD  | NP-53.5 Agency-to-Agency                           | 1st Quarter of 2020       | GOP | 14.82        | 14.82        | 0.00 | APP-CSE    |
| 5020310 02  | 5 | CUTTER KNIFE, for general purpose   | FAD  | NP-53.5 Agency-to-Agency                           | 1st Quarter of 2020       | GOP | 33.43        | 33.43        | 0.00 | APP-CSE    |
| 5020310 02  | 5 | STAPLER, STANDARD TYPE, load cap: 200 staples min   | FAD  | NP-53.5 Agency-to-Agency                           | 1st Quarter of 2020       | GOP | 530.40       | 530.40       | 0.00 | APP-CSE    |
| 5020310 02  | 5 | STAPLE REMOVER, PLIER-TYPE  | FAD  | NP-53.5 Agency-to-Agency                           | 1st Quarter of 2020       | GOP | 224.10       | 224.10       | 0.00 | APP-CSE    |
| 5020310 02  | 5 | CALCULATOR, compact, 12 digits  | FAD  | NP-53.5 Agency-to-Agency                           | 1st Quarter of 2020       | GOP | 693.70       | 693.70       | 0.00 | APP-CSE    |
| 5020310 02  | 5 | RIBBON CART, EPSON C13S015516 (#8750), Black  | FAD  | NP-53.5 Agency-to-Agency                           | 1st - 3rd Quarter of 2020 | GOP | 154.86       | 154.86       | 0.00 | APP-CSE    |
| 5020310 02  | 5 | TONER CART, HP CE278A, Black  | FAD  | NP-53.5 Agency-to-Agency                           | 1st - 4th Quarter of 2020 | GOP | 15,808.00    | 15,808.00    | 0.00 | APP-CSE    |
| 5020310 02  | 5 | TONER CART, HP CE285A (HP85A), Black  | FAD  | NP-53.5 Agency-to-Agency                           | 1st - 4th Quarter of 2020 | GOP | 13,728.00    | 13,728.00    | 0.00 | APP-CSE    |
| 5020310 02  | 5 | Flash Drive, 16GB   | FAD  | NP-53.5 Agency-to-Agency                           | 1st - 4th Quarter of 2020 | GOP | 167.44       | 167.44       | 0.00 | APP-CSE    |
| 50212020 00 | 5 | Extension of Janitorial Services with Cleaning Supplies, Materials and Equipment (March 1-31, 2020)       | FAD  | Extension of Contract for General Support Services | 1st Quarter of 2020       | GOP | 119,255.85   | 119,255.85   | 0.00 |            |
| 50212030 00 | 5 | Extension of Security Services with Supplies, Materials and Equipment (March 1-31, 2020)                  | FAD  | Extension of Contract for General Support Services | 1st Quarter of 2020       | GOP | 170,806.81   | 170,806.81   | 0.00 |            |
| 5020310 02  | 5 | BATTERY, dry cell, AA, 1.5 volts, alkaline, no mercury and cadmium added, two (2) pieces per pack         | KMD  | NP-53.5 Agency-to-Agency                           | 1st - 3rd Quarter of 2020 | GOP | 726.00       | 726.00       | 0.00 | APP-CSE    |
| 5020310 02  | 5 | BATTERY, dry cell, AAA, 1.5 volts, alkaline, no mercury and cadmium added, two (2) pieces per pack        | KMD  | NP-53.5 Agency-to-Agency                           | 1st - 3rd Quarter of 2020 | GOP | 394.60       | 394.60       | 0.00 | APP-CSE    |
| 5020310 02  | 5 | ALCOHOL, ethyl, 68%-70%, Scented, 500 ml, ethyl,  | KMD  | NP-53.5 Agency-to-Agency                           | 1st Quarter of 2020       | GOP | 4,160.05     | 4,160.05     | 0.00 | APP-CSE    |
| 5020310 02  | 5 | CARTOLINA, ASSORTED COLORS, 20 pieces per pack  | KMD  | NP-53.5 Agency-to-Agency                           | 1st Quarter of 2020       | GOP | 167.44       | 167.44       | 0.00 | APP-CSE    |
| 5020310 02  | 5 | CLIP, BACKFOLD, 19MM (¾"), all metal, clamping, 12 pieces per box   | KMD  | NP-53.5 Agency-to-Agency                           | 1st Quarter of 2020       | GOP | 18.10        | 18.10        | 0.00 | APP-CSE    |
| 5020310 02  | 5 | CLIP, BACKFOLD, 25MM (1"), all metal, clamping, 12 pieces per box   | KMD  | NP-53.5 Agency-to-Agency                           | 1st Quarter of 2020       | GOP | 30.54        | 30.54        | 0.00 | APP-CSE    |
| 5020310 02  | 5 | CLIP, BACKFOLD, 32MM (1 ¼"), all metal, clamping, 12 pieces per box                                       | KMD  | NP-53.5 Agency-to-Agency                           | 1st Quarter of 2020       | GOP | 41.60        | 41.60        | 0.00 | APP-CSE    |
| 5020310 02  | 5 | CORRECTION TAPE, film based, usable length: 6 meters min, width: 5mm (±1mm), 1piece in individual plastic | KMD  | NP-53.5 Agency-to-Agency                           | 1st Quarter of 2020       | GOP | 140.20       | 140.20       | 0.00 | APP-CSE    |
| 5020310 02  | 5 | CUTTER BLADES, 10 per tubes   | KMD  | NP-53.5 Agency-to-Agency                           | 1st Quarter of 2020       | GOP | 29.64        | 29.64        | 0.00 | APP-CSE    |
| 5020310 02  | 5 | ENVELOPE, MAILING, white 80gsm  | KMD  | NP-53.5 Agency-to-Agency                           | 1st Quarter of 2020       | GOP | 378.20       | 378.20       | 0.00 | APP-CSE    |



|             |   |   |     |                                 |                           |     |           |           |      |         |
|-------------|---|---|-----|---------------------------------|---------------------------|-----|-----------|-----------|------|---------|
| 5020310 02  | 5 | FILE TAB DIVIDER, assorted colors, A4   | KMD | NP-53.5 Agency-to-Agency        | 1st Quarter of 2020       | GOP | 333.90    | 333.90    | 0.00 | APP-CSE |
| 5020310 02  | 5 | FILE TAB DIVIDER, assorted colors, Legal  | KMD | NP-53.5 Agency-to-Agency        | 1st Quarter of 2020       | GOP | 426.90    | 426.90    | 0.00 | APP-CSE |
| 5020310 02  | 5 | File Organizer Expanding Plastic  | KMD | NP-53.5 Agency-to-Agency        | 1st Quarter of 2020       | GOP | 430.20    | 430.20    | 0.00 | APP-CSE |
| 5020310 02  | 5 | Folder L Type Legal   | KMD | NP-53.5 Agency-to-Agency        | 1st Quarter of 2020       | GOP | 243.24    | 243.24    | 0.00 | APP-CSE |
| 5020310 02  | 5 | Glue, all purpose   | KMD | NP-53.5 Agency-to-Agency        | 1st Quarter of 2020       | GOP | 124.20    | 124.20    | 0.00 | APP-CSE |
| 5020310 02  | 5 | Indextab  | KMD | NP-53.5 Agency-to-Agency        | 1st Quarter of 2020       | GOP | 113.36    | 113.36    | 0.00 | APP-CSE |
| 5020310 02  | 5 | MARKER, PERMANENT, bullet type, Black, felt tip, medium point   | KMD | NP-53.5 Agency-to-Agency        | 1st Quarter of 2020       | GOP | 44.90     | 44.90     | 0.00 | APP-CSE |
| 5020310 02  | 5 | MARKER, PERMANENT, bullet type, Black, felt tip, medium point   | KMD | NP-53.5 Agency-to-Agency        | 1st Quarter of 2020       | GOP | 44.90     | 44.90     | 0.00 | APP-CSE |
| 5020310 02  | 5 | MARKER, WHITEBOARD, bullet type, BLACK, without unpleasant of offensive odor  | KMD | NP-53.5 Agency-to-Agency        | 1st Quarter of 2020       | GOP | 267.60    | 267.60    | 0.00 | APP-CSE |
| 5020310 02  | 5 | MARKER, WHITEBOARD, bullet type, BLUE, without unpleasant of offensive odor   | KMD | NP-53.5 Agency-to-Agency        | 1st Quarter of 2020       | GOP | 267.60    | 267.60    | 0.00 | APP-CSE |
| 5020310 02  | 5 | NOTEBOOK, STENOGRAPHER, spiral, ruled both sides, 55 gsm, bond, size: 150mm x 225mm min, thickness: 0.075mm min, cover thickness: 0.40mm, 40 leaves   | KMD | NP-53.5 Agency-to-Agency        | 1st Quarter of 2020       | GOP | 301.00    | 301.00    | 0.00 | APP-CSE |
| 5020310 02  | 5 | NOTEPAD, STICK-ON, 76mm x 100mm (3" X 4")   | KMD | NP-53.5 Agency-to-Agency        | 1st Quarter of 2020       | GOP | 592.80    | 592.80    | 0.00 | APP-CSE |
| 5020310 02  | 5 | NOTEPAD, STICK-ON, 50mm x 76mm (2" X 3")  | KMD | NP-53.5 Agency-to-Agency        | 1st Quarter of 2020       | GOP | 370.60    | 370.60    | 0.00 | APP-CSE |
| 5020310 02  | 5 | NOTEPAD, STICK-ON, 76mm x 76mm (3" X 3") min, sheet thickness: 0.09mm min, 70gsm min, 100 sheets per pad, assorted colors   | KMD | NP-53.5 Agency-to-Agency        | 1st Quarter of 2020       | GOP | 477.10    | 477.10    | 0.00 | APP-CSE |
| 5020310 02  | 5 | PAPER MULTICOPY, 80 gsm, A4   | KMD | NP-53.5 Agency-to-Agency        | 1st Quarter of 2020       | GOP | 4,264.00  | 4,264.00  | 0.00 | APP-CSE |
| 5020310 02  | 5 | SIGN PEN, BLUE, liquid/gel ink, 0.5mm needle tip, with non-slip grip, writing length: one (1) km min, good writing quality, one (1) piece barrel, twelve (12) pieces per box  | KMD | NP-53.5 Agency-to-Agency        | 1st Quarter of 2020       | GOP | 2,768.80  | 2,768.80  | 0.00 | APP-CSE |
| 5020310 02  | 5 | TAPE, MASKING, width: 24mm (±1mm), Thickness: 0.25mm max, usable length: 50m  | KMD | NP-53.5 Agency-to-Agency        | 1st Quarter of 2020       | GOP | 327.60    | 327.60    | 0.00 | APP-CSE |
| 5020310 02  | 5 | TAPE, TRANSPARENT, width: 24mm (±1mm), Usable length: 50m, thickness: 0.043, mm min, base material: biaxially-oriented polypropylene  | KMD | NP-53.5 Agency-to-Agency        | 1st Quarter of 2020       | GOP | 50.45     | 50.45     | 0.00 | APP-CSE |
| 5020310 02  | 5 | TOILET TISSUE PAPER, 2-plys sheets, 150 pulls   | KMD | NP-53.5 Agency-to-Agency        | 1st Quarter of 2020       | GOP | 6,992.00  | 6,992.00  | 0.00 | APP-CSE |
| 5020310 02  | 5 | Mouse, Optical, USB Connector   | KMD | NP-53.5 Agency-to-Agency        | 1st Quarter of 2020       | GOP | 1,113.00  | 1,113.00  | 0.00 | APP-CSE |
| 50299040 00 | 5 | Transportation Services - Transportation of DOST-ASTI Exhibit Materials to the 2020 DRRM Expo   | OD  | NP-53.9 Small Value Procurement | 1st Quarter of 2020       | GOP | 13,000.00 | 13,000.00 | 0.00 |         |
| 5020310 02  | 5 | NOTEPAD, STICK-ON, 50mm x 76mm (2" X 3") min, sheet thickness: 0.09mm min, 70gsm min, 100 sheets per pad, assorted colors   | OD  | NP-53.5 Agency-to-Agency        | 1st - 2nd Quarter of 2020 | GOP | 481.78    | 481.78    | 0.00 | APP-CSE |
| 5020310 02  | 5 | NOTEPAD, STICK-ON, 76mm x 76mm (3" X 3") min, sheet thickness: 0.09mm min, 70gsm min, 100 sheets per pad, assorted colors   | OD  | NP-53.5 Agency-to-Agency        | 1st - 2nd Quarter of 2020 | GOP | 620.49    | 620.49    | 0.00 | APP-CSE |
| 5020310 02  | 5 | NOTEPAD, STICK-ON, 76mm x 100mm (3" X 4") min, sheet thickness: 0.09mm min, 70gsm min, 100 sheets per pad, assorted colors  | OD  | NP-53.5 Agency-to-Agency        | 1st - 2nd Quarter of 2020 | GOP | 829.92    | 829.92    | 0.00 | APP-CSE |
| 5020310 02  | 5 | PAPER, MULTICOPY, 80gsm, size: 210mm x 297mm (A4), size tolerance: (±2mm in either direction), grammage tolerance: -5% for laser printer, high speed copier, lithographic printing, etc., cut sizes shall be along machine direction, stiffness (gurley), MD, 300 µN.m min, 500 sheets per ream, thickness: 0.09mm min    | OD  | NP-53.5 Agency-to-Agency        | 1st - 2nd Quarter of 2020 | GOP | 13,133.72 | 13,133.72 | 0.00 | APP-CSE |
| 5020310 02  | 5 | PAPER, MULTICOPY, 80gsm, size: 216mm x 330mm (legal), size tolerance: (±2mm in either direction), grammage tolerance: -5% for laser printer, high speed copier, lithographic printing, etc., cut sizes shall be along machine direction, stiffness (gurley), MD, 300 µN.m min, 500 sheets per ream, thickness: 0.09mm min | OD  | NP-53.5 Agency-to-Agency        | 1st - 2nd Quarter of 2020 | GOP | 3,084.14  | 3,084.14  | 0.00 | APP-CSE |
| 5020310 02  | 5 | TOILET TISSUE PAPER, 2-plys sheets, 150 pulls, size: 100mm (±3mm) x 114mm (-5mm), 28 gsm min, 300 sheets min, 12 rolls per plastic pack, eight (8) packs in a box   | OD  | NP-53.5 Agency-to-Agency        | 1st - 2nd Quarter of 2020 | GOP | 6,467.60  | 6,467.60  | 0.00 | APP-CSE |
| 5020310 02  | 5 | BATTERY, dry cell, AAA, 1.5 volts, alkaline, no mercury and cadmium added, two (2) pieces per pack  | OD  | NP-53.5 Agency-to-Agency        | 1st - 2nd Quarter of 2020 | GOP | 572.17    | 572.17    | 0.00 | APP-CSE |
| 5020310 02  | 5 | BATTERY, dry cell, AA, 1.5 volts, alkaline, no mercury and cadmium added, two (2) pieces per pack   | OD  | NP-53.5 Agency-to-Agency        | 1st - 2nd Quarter of 2020 | GOP | 580.80    | 580.80    | 0.00 | APP-CSE |
| 5020310 02  | 5 | GLUE, all purpose, gross weight: 200 grams min.   | OD  | NP-53.5 Agency-to-Agency        | 1st - 2nd Quarter of 2020 | GOP | 186.30    | 186.30    | 0.00 | APP-CSE |
| 5020310 02  | 5 | TAPE, TRANSPARENT, width: 24mm (±1mm), Usable length: 50m, thickness: 0.043, mm min, base material: biaxially-oriented polypropylene  | OD  | NP-53.5 Agency-to-Agency        | 1st - 2nd Quarter of 2020 | GOP | 90.81     | 90.81     | 0.00 | APP-CSE |
| 5020310 02  | 5 | TAPE, TRANSPARENT, width: 48mm (±1mm), Usable length: 50m, thickness: 0.043, mm min, base material: biaxially-oriented polypropylene  | OD  | NP-53.5 Agency-to-Agency        | 1st - 2nd Quarter of 2020 | GOP | 99.85     | 99.85     | 0.00 | APP-CSE |
| 5020310 02  | 5 | FURNITURE CLEANER   | OD  | NP-53.5 Agency-to-Agency        | 1st - 2nd Quarter of 2020 | GOP | 2,079.54  | 2,079.54  | 0.00 | APP-CSE |
| 5020310 02  | 5 | RAGS, all cotton, 32 pieces per kilogram min.   | OD  | NP-53.5 Agency-to-Agency        | 1st - 2nd Quarter of 2020 | GOP | 53.82     | 53.82     | 0.00 | APP-CSE |
| 5020310 02  | 5 | CLIP, BACKFOLD, 19MM (¾"), all metal, clamping, 12 pieces per box   | OD  | NP-53.5 Agency-to-Agency        | 1st - 2nd Quarter of 2020 | GOP | 751.15    | 751.15    | 0.00 | APP-CSE |
| 5020310 02  | 5 | CLIP, BACKFOLD, 25MM (1"), all metal, clamping, 12 pieces per box   | OD  | NP-53.5 Agency-to-Agency        | 1st - 2nd Quarter of 2020 | GOP | 656.61    | 656.61    | 0.00 | APP-CSE |
| 5020310 02  | 5 | DATA FILE BOX, made of chipboard, with closed ends, W125mm x H230mm x L100mm, Chipboard 3mm thick, Leatherette paper for outside cover, coated paper for inside cover, with finger ring and pocket label holder   | OD  | NP-53.5 Agency-to-Agency        | 1st Quarter of 2020       | GOP | 2,084.40  | 2,084.40  | 0.00 | APP-CSE |
| 5020310 02  | 5 | ENVELOPE, DOCUMENTARY, for A4 size document, kraft  | OD  | NP-53.5 Agency-to-Agency        | 1st Quarter of 2020       | GOP | 673.09    | 673.09    | 0.00 | APP-CSE |

|             |    |   |      |                                 |                           |     |            |            |      |                    |
|-------------|----|---|------|---------------------------------|---------------------------|-----|------------|------------|------|--------------------|
| 5020310 02  | 5  | FOLDER, PRESSBOARD, size: 240mm x 370mm (-5mm), thickness: 0.40mm (-0.02mm), 300 gsm (-5gsm), paper board, color: green strap hinge: latex paper (green), 180 gsm (-5gsm), expansion: 37mm (-3mm), 100 pieces per box | OD   | NP-53.5 Agency-to-Agency        | 1st Quarter of 2020       | GOP | 952.64     | 952.64     | 0.00 | APP-CSE            |
| 5020310 02  | 5  | FILE ORGANIZER, LEGAL, expanding plastic material; with 12 inside pockets with index tab; with elastic strap, snap, etc. for closing or binding the organizer   | OD   | NP-53.5 Agency-to-Agency        | 1st - 2nd Quarter of 2020 | GOP | 688.32     | 688.32     | 0.00 | APP-CSE            |
| 5020310 02  | 5  | FOLDER, L-TYPE, Legal 50 pcs per pack   | OD   | NP-53.5 Agency-to-Agency        | 1st Quarter of 2020       | GOP | 243.24     | 243.24     | 0.00 | APP-CSE            |
| 5020310 02  | 5  | FOLDER, FANCY, A4   | OD   | NP-53.5 Agency-to-Agency        | 1st Quarter of 2021       | GOP | 270.40     | 270.40     | 0.00 | APP-CSE            |
| 5020310 02  | 5  | FOLDER, FANCY, Legal  | OD   | NP-53.5 Agency-to-Agency        | 1st Quarter of 2022       | GOP | 311.88     | 311.88     | 0.00 | APP-CSE            |
| 5020310 02  | 5  | INDEX TAB, self-adhesive, transparent, 5 sets per box, color white  | OD   | NP-53.5 Agency-to-Agency        | 1st - 2nd Quarter of 2020 | GOP | 736.84     | 736.84     | 0.00 | APP-CSE            |
| 5020310 02  | 5  | MARKER, whiteboard, blue, felt tip, bullet type   | OD   | NP-53.5 Agency-to-Agency        | 1st - 2nd Quarter of 2020 | GOP | 200.70     | 200.70     | 0.00 | APP-CSE            |
| 5020310 02  | 5  | PAPER CLIP, vinyl/plastic coated, length: 33mm min, wire diameter: 0.79mm min, total length of wire used: 98mm min, assorted colors, 100 pieces per box, at least 52g   | OD   | NP-53.5 Agency-to-Agency        | 1st - 2nd Quarter of 2020 | GOP | 147.44     | 147.44     | 0.00 | APP-CSE            |
| 5020310 02  | 5  | PAPER CLIP, vinyl/plastic coated, length: 50mm min, jumbo, wire diameter: 0.95mm min, total length of wire used: 155mm min, assorted colors, 100 pieces per box, at least 120g  | OD   | NP-53.5 Agency-to-Agency        | 1st - 2nd Quarter of 2020 | GOP | 188.54     | 188.54     | 0.00 | APP-CSE            |
| 5020310 02  | 5  | CUTTER KNIFE, For general purpose, plastic molded body, heavy duty, with built-in blade snapper, with metal sliding guide, with screw locking mechanism   | OD   | NP-53.5 Agency-to-Agency        | 1st Quarter of 2020       | GOP | 33.43      | 33.43      | 0.00 | APP-CSE            |
| 5020310 02  | 5  | SCISSORS, symmetrical, blade length: 65mm min.  | OD   | NP-53.5 Agency-to-Agency        | 1st - 2nd Quarter of 2020 | GOP | 81.12      | 81.12      | 0.00 | APP-CSE            |
| 5020310 02  | 5  | STAPLER, STANDARD TYPE, load cap: 200 staples min, one-time binding capacity, 2-20 sheets multi-purpose paper (70 gsm), 1 piece in individual box   | OD   | NP-53.5 Agency-to-Agency        | 1st Quarter of 2020       | GOP | 176.80     | 176.80     | 0.00 | APP-CSE            |
| 5020310 02  | 5  | TAPE DISPENSER, TABLE TOP, for 24mm width tape, Body made of rigid plastic, smooth finish, Non-skid full rubber base, Serrated cutting blade thickness: 0.40mm x 0.03mm, Easy one-handed operation                    | OD   | NP-53.5 Agency-to-Agency        | 1st Quarter of 2020       | GOP | 64.20      | 64.20      | 0.00 | APP-CSE            |
| 5020310 02  | 5  | TAPE, PACKAGING, width: 48mm (±1mm)   | OD   | NP-53.5 Agency-to-Agency        | 1st Quarter of 2020       | GOP | 379.43     | 379.43     | 0.00 | APP-CSE            |
| 50207020 02 | 5  | 13" Portable Touchscreen  | RDD  | NP-53.9 Small Value Procurement | 1st Quarter of 2020       | GOP | 60,000.00  | 60,000.00  | 0.00 | AESS               |
| 50207020 02 | 5  | Portable document scanner   | RDD  | NP-53.9 Small Value Procurement | 1st Quarter of 2020       | GOP | 45,000.00  | 45,000.00  | 0.00 | AESS               |
| 50207020 02 | 5  | Portable impact printer with ribbon cartridge   | RDD  | NP-53.9 Small Value Procurement | 1st Quarter of 2020       | GOP | 35,000.00  | 35,000.00  | 0.00 | AESS               |
| 50207020 00 | 5  | Mobile Robot Platform Kit - Advanced  | RDD  | NP-53.9 Small Value Procurement | 2nd Quarter of 2020       | GOP | 96,500.00  | 96,500.00  | 0.00 | AUS                |
| 50207020 00 | 5  | Mobile Robot Platform Kit - Basic   | RDD  | NP-53.9 Small Value Procurement | 2nd Quarter of 2020       | GOP | 40,750.00  | 40,750.00  | 0.00 | AUS                |
| 50203990 00 | 5  | Microcontroller Development Board - Basic   | RDD  | NP-53.9 Small Value Procurement | 1st Quarter of 2020       | GOP | 7,800.00   | 7,800.00   | 0.00 | AUS                |
| 50203990 00 | 5  | Microcontroller Development Board - Advanced  | RDD  | NP-53.9 Small Value Procurement | 1st Quarter of 2020       | GOP | 10,000.00  | 10,000.00  | 0.00 | AUS                |
| 50203990 00 | 5  | ZigBee Explorer Board - USB   | RDD  | NP-53.9 Small Value Procurement | 1st Quarter of 2020       | GOP | 2,000.00   | 2,000.00   | 0.00 | AUS                |
| 50203990 00 | 5  | DC Motor with Encoder - 120:1   | RDD  | NP-53.9 Small Value Procurement | 1st Quarter of 2020       | GOP | 900.00     | 900.00     | 0.00 | AUS                |
| 50203990 00 | 5  | Motor Driver  | RDD  | NP-53.9 Small Value Procurement | 1st Quarter of 2020       | GOP | 600.00     | 600.00     | 0.00 | AUS                |
| 50203990 00 | 5  | Barometric Pressure Sensor Module   | RDD  | NP-53.9 Small Value Procurement | 1st Quarter of 2020       | GOP | 1,600.00   | 1,600.00   | 0.00 | AUS                |
| 50203990 00 | 5  | Analog Ambient Light Sensor Module  | RDD  | NP-53.9 Small Value Procurement | 1st Quarter of 2020       | GOP | 500.00     | 500.00     | 0.00 | AUS                |
| 50203990 00 | 5  | Peltier Heating Element   | RDD  | NP-53.9 Small Value Procurement | 1st Quarter of 2020       | GOP | 900.00     | 900.00     | 0.00 | AUS                |
| 50203990 00 | 5  | Heatsink Kit for Peltier Heating Element  | RDD  | NP-53.9 Small Value Procurement | 1st Quarter of 2020       | GOP | 1,000.00   | 1,000.00   | 0.00 | AUS                |
| 50203990 00 | 5  | Relay Module - 8 Channel  | RDD  | NP-53.9 Small Value Procurement | 1st Quarter of 2020       | GOP | 700.00     | 700.00     | 0.00 | AUS                |
| 50203990 00 | 5  | Air Quality Sensor Module   | RDD  | NP-53.9 Small Value Procurement | 1st Quarter of 2020       | GOP | 200.00     | 200.00     | 0.00 | AUS                |
| 50203990 00 | 5  | Temperature/Humidity Sensor   | RDD  | NP-53.9 Small Value Procurement | 1st Quarter of 2020       | GOP | 750.00     | 750.00     | 0.00 | AUS                |
| 50203990 00 | 5  | Aluminum Extrusion Kit  | RDD  | NP-53.9 Small Value Procurement | 1st Quarter of 2020       | GOP | 1,000.00   | 1,000.00   | 0.00 | AUS                |
| 50203990 00 | 5  | Hot End Nozzle Set  | RDD  | NP-53.9 Small Value Procurement | 1st Quarter of 2020       | GOP | 1,200.00   | 1,200.00   | 0.00 | AUS                |
| 50203990 00 | 5  | Wireless Keyboard/Mouse Combo   | RDD  | NP-53.9 Small Value Procurement | 1st Quarter of 2020       | GOP | 4,500.00   | 4,500.00   | 0.00 | AUS                |
| 50203990 00 | 5  | Wireless Mouse  | RDD  | NP-53.9 Small Value Procurement | 1st Quarter of 2020       | GOP | 1,000.00   | 1,000.00   | 0.00 | AUS                |
| 50299050 01 | 5  | Warehouse Rental  | SSED | NP-53.9 Small Value Procurement | 1st Quarter of 2020       | GOP | 108,000.00 | 108,000.00 | 0.00 | OPTIMIZATION (GIA) |
| 50207020 02 | 5  | UHF Power Amplifier   | SSED | NP-53.9 Small Value Procurement | 1st Quarter of 2020       | GOP | 59,055.50  | 59,055.50  | 0.00 | RURALSUNC          |
| 50203990 00 | 5  | Surface Mount Crystal   | SSED | NP-53.9 Small Value Procurement | 1st Quarter of 2020       | GOP | 795.50     | 795.50     | 0.00 | RURALSUNC          |
| 50203990 00 | 5  | IoT Microcontroller Board   | SSED | NP-53.9 Small Value Procurement | 1st Quarter of 2020       | GOP | 3,920.00   | 3,920.00   | 0.00 | RURALSUNC          |
| 50203990 00 | 5  | BLE Microcontroller Board   | SSED | NP-53.9 Small Value Procurement | 1st Quarter of 2020       | GOP | 3,920.00   | 3,920.00   | 0.00 | RURALSUNC          |
| 50203990 00 | 14 | Switching Power Supply  | SSED | NP-53.9 Small Value Procurement | 1st Quarter of 2020       | GOP | 4,200.00   | 4,200.00   | 0.00 | RURALSUNC          |
| 50203990 00 | 14 | Power Cable   | SSED | NP-53.9 Small Value Procurement | 1st Quarter of 2020       | GOP | 1,650.00   | 1,650.00   | 0.00 | RURALSUNC          |
| 50203990 00 | 5  | Universal Socket Adapter  | SSED | NP-53.9 Small Value Procurement | 1st Quarter of 2020       | GOP | 450.00     | 450.00     | 0.00 | RURALSUNC          |
| 50203990 00 | 5  | Aluminum Heatsink Dimension: 100x69x36mm  | SSED | NP-53.9 Small Value Procurement | 1st Quarter of 2020       | GOP | 2,418.00   | 2,418.00   | 0.00 | RURALSUNC          |
| 50203990 00 | 14 | VGA to HDMI Cable with Adapter  | SSED | NP-53.9 Small Value Procurement | 1st Quarter of 2020       | GOP | 825.00     | 825.00     | 0.00 | RURALSUNC          |
| 50203990 00 | 5  | ISDB-t Demodulator Board Components   | SSED | NP-53.9 Small Value Procurement | 1st Quarter of 2020       | GOP | 4,970.55   | 4,970.55   | 0.00 | RURALSUNC          |
| 50213050 03 | 5  | Replacement of Battery for Lenovo Thinkpad, Touchscreen Intel Core i5 - 3230M   | SSED | NP-53.9 Small Value Procurement | 1st Quarter of 2020       | GOP | 10,000.00  | 10,000.00  | 0.00 | SAR with AIS (GIA) |
| 50205020 01 | 5  | Renewal of Mobile Communication Plan Unlimited Text to same network, 5 of 26 units @ 200.00 for 12 months   | SSED | Renewal of WETI                 | 1st Quarter of 2020       | GOP | 12,000.00  | 12,000.00  | 0.00 | STATIONS           |

|             |    |   |      |  |                           |     |                |                |      |              |
|-------------|----|---|------|--|---------------------------|-----|----------------|----------------|------|--------------|
| 50205020 01 | 5  | Renewal of Mobile Communication Plan Unlimited Text to same network, 27 of 105 units @ 199.00 [2 units (2 months) and 25 units (12 months)]   | SSED | Renewal of WETI  | 1st Quarter of 2020       | GOP | 60,496.00      | 60,496.00      | 0.00 | STATIONS     |
| 50205020 01 | 5  | Renewal of Mobile Communication Plan Unlimited Text to same network, 3 of 6 units @ 200.00 for 12 months  | SSED | Renewal of WETI  | 1st Quarter of 2020       | GOP | 7,200.00       | 7,200.00       | 0.00 | STATIONS     |
| 50205020 01 | 5  | Renewal of Mobile Communication Plan 300 Local Text, 11 of 25 units @ 100.00 [9 units (2 months) and 2 units (12 months)]   | SSED | Renewal of WETI  | 1st Quarter of 2020       | GOP | 4,200.00       | 4,200.00       | 0.00 | STATIONS     |
| 50205020 01 | 5  | Renewal of Mobile Communication Plan Unlimited Call to Globe/Touch Mobile, 2 units @ 299.00 for 2 months  | SSED | Renewal of WETI  | 1st Quarter of 2020       | GOP | 1,196.00       | 1,196.00       | 0.00 | STATIONS     |
| 50205020 01 | 5  | Renewal of Mobile Communication Plan Unlimited Text to same network, 5 of 13 units @ 300.00 [2 units (2 months) and 3 units (12 months)]  | SSED | Renewal of WETI  | 1st Quarter of 2020       | GOP | 12,000.00      | 12,000.00      | 0.00 | STATIONS     |
| 50205020 01 | 5  | Renewal of Mobile Communication Plan Unlimited Text to same network, 28 of 300 units @ 190.00 [26 units (2 months) and 2 units (12 months)]   | SSED | Renewal of WETI  | 1st Quarter of 2020       | GOP | 14,440.00      | 14,440.00      | 0.00 | STATIONS     |
| 50205020 01 | 5  | Renewal of Mobile Communication Plan Unlimited Text to same network, 27 of 250 units @ 190.00 [23 units (2 months) and 4 units (12 months)]   | SSED | Renewal of WETI  | 1st Quarter of 2020       | GOP | 17,860.00      | 17,860.00      | 0.00 | STATIONS     |
| 50205020 01 | 5  | Renewal of Mobile Communication Plan Unlimited Text to same network, 3 of 10 units @ 300.00 for 2 months  | SSED | Renewal of WETI  | 1st Quarter of 2020       | GOP | 1,800.00       | 1,800.00       | 0.00 | STATIONS     |
| 50205020 01 | 5  | Renewal of Mobile Communication Plan Unlimited Text to same network, 53 units @ 300.00 for 2 months   | SSED | Renewal of WETI  | 1st Quarter of 2020       | GOP | 31,800.00      | 31,800.00      | 0.00 | STATIONS     |
| 50205020 01 | 5  | Renewal of Mobile Communication Plan Unlimited Text to same network, 37 of 120 units @ 200.00 for 2 months  | SSED | Renewal of WETI  | 1st Quarter of 2020       | GOP | 14,800.00      | 14,800.00      | 0.00 | STATIONS     |
| 50205020 01 | 5  | Renewal of Mobile Communication Plan Unlimited Text to same network, 172 of 1,020 units @ 200.00 [139 units (2 months) and 33 units (12 months)]  | SSED | Renewal of WETI  | 1st Quarter of 2020       | GOP | 134,800.00     | 134,800.00     | 0.00 | STATIONS     |
| 50205020 01 | 5  | Renewal of Mobile Communication Plan Unlimited Text to same network, 29 of 100units @ 200.00 for 2 months   | SSED | Renewal of WETI  | 1st Quarter of 2020       | GOP | 11,600.00      | 11,600.00      | 0.00 | STATIONS     |
| 50205020 01 | 5  | Renewal of Mobile Communication Plan Unlimited Text to same network, 103 of 600units @ 200.00 [66 units (2 months) and 37 units (12 months)]  | SSED | Renewal of WETI  | 1st Quarter of 2020       | GOP | 115,200.00     | 115,200.00     | 0.00 | STATIONS     |
| 50205020 01 | 9  | Renewal of 5 of 5 Mobile Internet @ 1500.00 [1 unit (6 months) and 4 units (12 months)]<br>Contract Duration:<br>1.) 1 unit: 01 January 2020 - 30 June 2020<br>Computation: 1 unit x Php 1500 x 6 mos = Php 9,000.00<br>2.) 4 units: 01 January 2020 - 31 December 2020<br>Computation: 4 units x Php 1500 x 12 mos = Php 72,000.00 | SSED | Renewal of WETI  | 1st - 4th Quarter of 2020 | GOP | 81,000.00      | 81,000.00      | 0.00 | STATIONS     |
| 5020310 02  | 5  | Alcohol 70%   | SSED | NP-53.5 Agency-to-Agency   | 1st Quarter of 2020       | GOP | 4,379.00       | 4,379.00       | 0.00 | APP-CSE      |
| 5020310 02  | 5  | Paper, Multicopy 80gsm 210mm x 297mm  | SSED | NP-53.5 Agency-to-Agency   | 1st Quarter of 2020       | GOP | 1,705.60       | 1,705.60       | 0.00 | APP-CSE      |
| 5020310 02  | 5  | Tissue  | SSED | NP-53.5 Agency-to-Agency   | 1st Quarter of 2020       | GOP | 4,370.00       | 4,370.00       | 0.00 | APP-CSE      |
| 5020310 02  | 5  | Battery AA  | SSED | NP-53.5 Agency-to-Agency   | 1st Quarter of 2020       | GOP | 363.00         | 363.00         | 0.00 | APP-CSE      |
| 5020310 02  | 5  | Clip Backfold, 19mm   | SSED | NP-53.5 Agency-to-Agency   | 1st Quarter of 2020       | GOP | 362.00         | 362.00         | 0.00 | APP-CSE      |
| 5020310 02  | 5  | Clip Backfold, 25mm   | SSED | NP-53.5 Agency-to-Agency   | 1st Quarter of 2020       | GOP | 610.80         | 610.80         | 0.00 | APP-CSE      |
| 5020310 02  | 5  | Clip Backfold, 32mm   | SSED | NP-53.5 Agency-to-Agency   | 1st Quarter of 2020       | GOP | 416.00         | 416.00         | 0.00 | APP-CSE      |
| 5020310 02  | 5  | Clip Backfold, 50mm   | SSED | NP-53.5 Agency-to-Agency   | 1st Quarter of 2020       | GOP | 956.80         | 956.80         | 0.00 | APP-CSE      |
| 5020310 02  | 5  | Data Folder   | SSED | NP-53.5 Agency-to-Agency   | 1st Quarter of 2020       | GOP | 1,029.60       | 1,029.60       | 0.00 | APP-CSE      |
| 5020310 02  | 5  | Brown Envelope A4   | SSED | NP-53.5 Agency-to-Agency   | 1st Quarter of 2020       | GOP | 673.09         | 673.09         | 0.00 | APP-CSE      |
| 5020310 02  | 5  | Brown Envelope Legal  | SSED | NP-53.5 Agency-to-Agency   | 1st Quarter of 2020       | GOP | 927.16         | 927.16         | 0.00 | APP-CSE      |
| 5020310 02  | 5  | File Tab Divider A4   | SSED | NP-53.5 Agency-to-Agency   | 1st Quarter of 2020       | GOP | 333.90         | 333.90         | 0.00 | APP-CSE      |
| 5020310 02  | 5  | Folder L-Type A4  | SSED | NP-53.5 Agency-to-Agency   | 1st Quarter of 2020       | GOP | 685.72         | 685.72         | 0.00 | APP-CSE      |
| 5020310 02  | 5  | Tape Dispenser  | SSED | NP-53.5 Agency-to-Agency   | 1st Quarter of 2020       | GOP | 64.20          | 64.20          | 0.00 | APP-CSE      |
| 5020310 02  | 5  | File Tab Divider Legal  | SSED | NP-53.5 Agency-to-Agency   | 1st Quarter of 2020       | GOP | 142.30         | 142.30         | 0.00 | APP-CSE      |
| 5020310 02  | 5  | Folder with Tab A4  | SSED | NP-53.5 Agency-to-Agency   | 1st Quarter of 2020       | GOP | 279.00         | 279.00         | 0.00 | APP-CSE      |
| 5020310 02  | 5  | Marker Permanent bullet type black  | SSED | NP-53.5 Agency-to-Agency   | 1st Quarter of 2020       | GOP | 89.80          | 89.80          | 0.00 | APP-CSE      |
| 50201010 00 | 14 | Airfare tickets for ULAT Local Travel   | SSED | NP-53.14 Direct Retail Purchase of Petroleum Fuel Oil and Lubricant (POL) Products and Airline Tickets | 1st Quarter of 2020       | GOP | 64,949.00      | 64,949.00      | 0.00 | ULAT         |
| 50207020 02 | 5  | Small Satellite Technology Platforms with Know-How Transfer and training  | SSED | Competitive Bidding  | 1st Quarter of 2020       | GOP | 370,000,000.00 | 370,000,000.00 | 0.00 | P5           |
| 50201010 00 | 6  | Travel Expenses<br>Local travel airfare   | SSED | NP-53.14 Direct Retail Purchase of Petroleum Fuel Oil and Lubricant (POL) Products and Airline Tickets | 1st Quarter of 2020       | GOP | 250,000.00     | 250,000.00     | 0.00 | OPTIMIZATION |
| 50213050 02 | 7  | Repair of Aircon Fan Motor Window Type with Property # 3.3.63<br>- Rewinding and re-bearing of fan motor<br>- includes testing, labor and materials needed for the repair<br>- VAT included   | FAD  | NP-53.9 Small Value Procurement  | 1st Quarter of 2020       | GOP | 6,000.00       | 6,000.00       | 0.00 |              |
| 50212030 00 | 7  | Extension of Security Services with Supplies, Materials and Equipment (April 1-30, 2020)  | FAD  | Extension of Contract for General Support Services   | 2nd Quarter of 2020       | GOP | 170,806.81     | 170,806.81     | 0.00 |              |

|             |    |  |     |  |                           |     |              |              |      |                        |
|-------------|----|--|-----|--|---------------------------|-----|--------------|--------------|------|------------------------|
| 50212020 00 | 7  | Extension of Janitorial Services with Cleaning Supplies, Materials and Equipment (April 1-30, 2020)  | FAD | Extension of Contract for General Support Services | 2nd Quarter of 2020       | GOP | 119,255.85   | 119,255.85   | 0.00 |                        |
| 50213080 01 | 19 | Repainting of ASTI Building - Exterior only -1 lot   | FAD | NP-53.9 Small Value Procurement                    | 4th Quarter of 2020       | GOP | 990,000.00   | 990,000.00   | 0.00 |                        |
| 50203210 02 | 9  | Entry-Level 3-Dimensional Printer for Prototyping  | CSD | NP-53.9 Small Value Procurement                    | 2nd Quarter of 2020       | GOP | 12,000.00    | 12,000.00    | 0.00 | Gul.ai                 |
| 50203990 00 | 9  | 3-Dimensional Printer PLA Filament Black for prototyping   | CSD | NP-53.9 Small Value Procurement                    | 2nd Quarter of 2020       | GOP | 3,200.00     | 3,200.00     | 0.00 | Gul.ai                 |
| 50203990 00 | 9  | 3-Dimensional Printer PLA Filament White for prototyping   | CSD | NP-53.9 Small Value Procurement                    | 2nd Quarter of 2020       | GOP | 3,200.00     | 3,200.00     | 0.00 | Gul.ai                 |
| 50203990 00 | 9  | 3-Dimensional Printer PLA Filament Transparent for prototyping   | CSD | NP-53.9 Small Value Procurement                    | 2nd Quarter of 2020       | GOP | 9,600.00     | 9,600.00     | 0.00 | Gul.ai                 |
| 50203990 00 | 9  | Relay Shield for Prototyping   | CSD | NP-53.9 Small Value Procurement                    | 2nd Quarter of 2020       | GOP | 4,000.00     | 4,000.00     | 0.00 | Gul.ai                 |
| 50211990 00 | 9  | Other Professional Services Two (2) SRS I-SG13 @ Php 36,830.62/month x 10 months   | CSD | Competitive Bidding                                | 1st - 2nd Quarter Of 2020 | GOP | 736,612.40   | 736,612.40   | 0.00 | <a href="#">Gul.ai</a> |
| 50211990 00 | 9  | Provision for overtime pay @ Php 10,000.00 each  | CSD | Competitive Bidding                                | 1st - 2nd Quarter Of 2020 | GOP | 20,000.00    | 20,000.00    | 0.00 | <a href="#">Gul.ai</a> |
| 50213050 03 | 9  | Laptop Battery<br>Replacement of Laptop Battery Compatible with X240 Laptop Battery should be genuine<br>End User: Robert Mendoza  | KMD | NP-53.9 Small Value Procurement                    | 2nd Quarter of 2020       | GOP | 7,500.00     | 7,500.00     | 0.00 |                        |
| 50213050 03 | 9  | Laptop Keyboard<br>Replacement of Laptop Keyboard Compatible with X240 Laptop<br>End User: Robert Mendoza  | KMD | NP-53.9 Small Value Procurement                    | 2nd Quarter of 2020       | GOP | 7,500.00     | 7,500.00     | 0.00 |                        |
| 50604050 02 | 9  | Projector<br>at least 3,500 lumens<br>at least WXGA Resolution<br>Network: Wired LAN: 1, Wireless LAN: Optional (using ELPAP10)<br>Analog RGB Input:D-Sub 15Pin: 2 (Blue Molding)<br>Analog Input: Composite: RCA x 1 (Yellow)<br>Digital Input: HDMI: 2 (1 with MHL support)<br>Analog Output: D-Sub 15Pin: 1<br>Audio Input: Stereo Mini Jack: 1<br>Mic I/O: Stereo Mini Jack: 1<br>Control I/O: RS-232C: 1<br>USB Type A: 1 (For USB Memory, USB Document Camera, Wireless LAN and Firmware Update)<br>USB Type B: 1 (For USB Display, Mouse, K/B, Control and Firmware Update) | KMD | NP-53.9 Small Value Procurement                    | 2nd Quarter of 2020       | GOP | 240,000.00   | 240,000.00   | 0.00 |                        |
| 50299050 03 | 9  | Vehicle Rental - Transportation of DOST-ASTI Exhibit Material<br>Transportation and door-to-door delivery of DOST-ASTI exhibit materials to the 2020 DRRM Expo   | OD  | NP-53.9 Small Value Procurement                    | 2nd Quarter of 2020       | GOP | 13,000.00    | 13,000.00    | 0.00 | CorpComm               |
| 50299050 01 | 9  | Renewal of Commercial Data Center Lease of Space   | RDD | Renewal of WET1                                    | 1st Quarter Of 2020       |     | 1,849,000.00 | 1,849,000.00 | 0.00 | INNOVATE               |
| 50207020 02 | 9  | 13" Portable Touchscreen<br>-Size: 13 inches<br>-Display type: IPS<br>-Input: HDMI, VGA<br>-Resolution: 1920x1080<br><br>*Note 1: Research and exploratory item<br>*Note 2: To be integrated with other components; for prototyping<br>*Note 3: Supplier to provide test unit/ sample of the item for testing and approval of end-user   | RDD | NP-53.9 Small Value Procurement                    | 2nd Quarter of 2020       | GOP | 60,000.00    | 60,000.00    | 0.00 | AESS                   |
| 50207020 02 | 9  | Portable document scanner<br>-Connectivity: USB 3.0 and WiFi<br>-Sensor Type: CIS<br>-Optical Resolution: Support 600 dpi<br>-Supports automatic duplex scanning<br>-With automatic document feeder (ADF)<br>-Supports SANE<br>-Supports 230gsm paper thickness<br><br>*Note 1: Research and exploratory item<br>*Note 2: To be integrated with other components; for prototyping<br>*Note 3: Supplier to provide test unit/ sample of the item for testing and approval of end-user   | RDD | NP-53.9 Small Value Procurement                    | 2nd Quarter of 2020       | GOP | 45,000.00    | 45,000.00    | 0.00 | AESS                   |

|             |   |   |     |                                 |                           |     |           |           |      |                |
|-------------|---|---|-----|---------------------------------|---------------------------|-----|-----------|-----------|------|----------------|
| 50207020 02 | 9 | <p>Portable impact printer with ribbon cartridge</p> <ul style="list-style-type: none"> <li>-Printing: impact dot matrix</li> <li>-Speed: supports 5.1 lines per second</li> <li>-Resolution: <ul style="list-style-type: none"> <li>--80 DPI (horizontal)</li> <li>--144 DPI (vertical)</li> </ul> </li> <li>-Print width: supports 63.5mm</li> <li>-Sensor: <ul style="list-style-type: none"> <li>--paper end</li> <li>--near end</li> <li>--cover open</li> <li>--black mark</li> </ul> </li> <li>-Interface: USB V2.0 FS + Serial + Ethernet</li> <li>-Graphics: Supports user defined fonts, graphics, formats and logos</li> <li>-Power: with 24V/2.5A adaptor</li> <li>-Accessories: <ul style="list-style-type: none"> <li>--with splash proof cover</li> <li>--16 x ribbon cartridge</li> <li>--USB A-B cable</li> </ul> </li> </ul> <p>*Note 1: Research and exploratory item<br/> *Note 2: To be integrated with other components; for prototyping<br/> *Note 3: Supplier to provide test unit/ sample of the item for testing and approval of end-user</p> | RDD | NP-53.9 Small Value Procurement | 2nd Quarter of 2020       | GOP | 35,000.00 | 35,000.00 | 0.00 | AESS           |
| 50203990 00 | 9 | <p>Long Nose Pliers:</p> <ul style="list-style-type: none"> <li>- Color: Red</li> <li>- Size: 130mm</li> <li>- Material: High Carbon Steel</li> <li>- For precision work with soft wire</li> </ul> <p>Inclusive of all government fees, taxes and duties.<br/> Delivery Period: 60 days upon issuance of NTP</p>  | RDD | NP-53.9 Small Value Procurement | 1st - 2nd Quarter of 2020 | GOP | 1,875.00  | 1,875.00  | 0.00 | EPIIC_Y2 (GIA) |
| 50203990 00 | 9 | <p>6PCS Bi-Mat Precision Screwdriver Set:</p> <ul style="list-style-type: none"> <li>- 1.4mm Slot, 2.0mm Slot, 2.4mm Slot, 3.0mm Slot, Opt, 1pt</li> <li>- Swivel-head handles</li> <li>- Tough, plastic handles with soft cushion grip</li> <li>- with plastic storage case</li> </ul> <p>Inclusive of all government fees, taxes and duties.<br/> Delivery Period: 60 days upon issuance of NTP</p>   | RDD | NP-53.9 Small Value Procurement | 1st - 2nd Quarter of 2020 | GOP | 1,275.00  | 1,275.00  | 0.00 | EPIIC_Y2 (GIA) |
| 50203990 00 | 9 | <p>560 pc. Transistor Kit with Component Cabinet:</p> <ul style="list-style-type: none"> <li>- 10 pcs each: 2N2222A, 2N2907A, 2N3053, 2N3055, 2N4401, 2N4403, 2N5401, 2N7000, MJE3055T, BC547C, MPSA06, MPSA13, TIP31A, TIP32A, TIP102, TIP120</li> <li>- 100 pcs each: 2N3904, 2N3906, PN2222, PN2907</li> </ul> <p>Inclusive of all government fees, taxes and duties.<br/> Delivery Period: 60 days upon issuance of NTP</p>   | RDD | NP-53.9 Small Value Procurement | 1st - 2nd Quarter of 2020 | GOP | 24,450.00 | 24,450.00 | 0.00 | EPIIC_Y2 (GIA) |
| 50203990 00 | 9 | <p>480 pc. Linear Series Component Kit with Component Cabinet:</p> <ul style="list-style-type: none"> <li>- 20 Drawer Component Cabinet</li> <li>- 20 Clear Dividers</li> <li>- 30 Adhesive Labels for drawers to identify parts in kit, and all the Electronic Components listed in each kit</li> <li>- 10 pcs each: TL072PC, TL074CN, TL082CP, TL084CN, MAX232CPE, LM301N, LM308N, LM311N, LM337T, LF353N, LF356N, LM358N, LM386N-1, LM386N-3, LM393N, LF411CN, LF412CN, LMC555CN, LM556N, LM723CN, LM1458N, LM1488N, LM1489N, ULN2003A, ULN2803A, NE55532, 7808T, 78L12CZ, 7815T, 7905T, 7912CT, 7915T</li> <li>- 20 pcs each: LM317T, LM324N, LM339N, LM741CN, LM555CN, 7805T, 78L05CZ, 7812T</li> </ul> <p>Inclusive of all government fees, taxes and duties.<br/> Delivery Period: 60 days upon issuance of NTP</p>  | RDD | NP-53.9 Small Value Procurement | 1st - 2nd Quarter of 2020 | GOP | 37,075.00 | 37,075.00 | 0.00 | EPIIC_Y2 (GIA) |
| 50203990 00 | 9 | <p>4000 Series CMOS IC Cabinet Kit:</p> <ul style="list-style-type: none"> <li>- 20 drawer component cabinet</li> <li>- 20 clear plastic drawers</li> <li>- 20 clear dividers</li> <li>- 30 adhesive labels for drawers to identify parts in kit, and all the Electronic Components listed in each kit</li> <li>- 10 pcs: CD4015, CD4016, CD4017, CD4020, CD4023, CD4024, CD4027, CD4040, CD4046, CD4050, CD4051, CD4069, CD4070, CD4071, CD4081, CD4093, CD4511, CD4538, CD4543, CD4584</li> <li>- 20 pcs each: CD4001, CD4011, CD4013, CD4049, CD4066</li> <li>- including 300 pcs refill</li> </ul> <p>Inclusive of all government fees, taxes and duties.<br/> Delivery Period: 60 days upon issuance of NTP</p>  | RDD | NP-53.9 Small Value Procurement | 1st - 2nd Quarter of 2020 | GOP | 18,550.00 | 18,550.00 | 0.00 | EPIIC_Y2 (GIA) |
| 50203990 00 | 9 | <p>10 pc. Needle File Set:</p> <ul style="list-style-type: none"> <li>- Set contents (10 pcs): Round; Half Round; Hand; Triangular; Square; Triangular (Flat Leaf); Oval; Hand (Flat); Crochet; Knife</li> <li>- Length: 160mm</li> </ul> <p>Inclusive of all government fees, taxes and duties.<br/> Delivery Period: 60 days upon issuance of NTP</p>   | RDD | NP-53.9 Small Value Procurement | 1st - 2nd Quarter of 2020 | GOP | 5,035.00  | 5,035.00  | 0.00 | EPIIC_Y2 (GIA) |

|             |   |   |     |                                 |                           |     |           |           |      |                           |
|-------------|---|---|-----|---------------------------------|---------------------------|-----|-----------|-----------|------|---------------------------|
| 50203990 00 | 9 | <p>Two (2) Lots 22 AWG Stranded Wire:</p> <p>I. One (1) unit Red w/ ff specs:<br/> - Cross Sectional Area: 0.33 mm<sup>2</sup><br/> - American Wire Gauge: 22 AWG<br/> - Core Strands: 7/0.25 mm<br/> - Insulation Material: XLPVC<br/> - Outer Diameter: 2.3mm<br/> - Length: 100m<br/> - Voltage Rating: 600 V<br/> - Conductor Material: Tinned Copper<br/> - Wire Style: UL1431<br/> - Maximum Operating Temperature: 0-105°C<br/> - Insulation Wall Thickness: 0.8mm</p> <p>II. One (1) unit Black w/ ff specs:<br/> - Cross Sectional Area: 0.33 mm<sup>2</sup><br/> - American Wire Gauge: 22 AWG<br/> - Core Strands: 7/0.25 mm<br/> - Insulation Material: PVC<br/> - Outer Diameter: 1.6mm<br/> - Length: 100m<br/> - Voltage Rating: 300 V<br/> - Conductor Material: Tinned Copper<br/> - Wire Style: UL1430<br/> - Operating Temperature: 0-105°C<br/> - Insulation Wall Thickness: 0.8mm</p> <p>III. One (1) unit Orange w/ ff specs:<br/> - Cross Sectional Area: 0.33 mm<sup>2</sup><br/> - American Wire Gauge: 22 AWG</p> | RDD | NP-53.9 Small Value Procurement | 1st - 2nd Quarter of 2020 | GOP | 14,700.00 | 14,700.00 | 0.00 | EPIIC_Y2 (GIA)            |
| 50203990 00 | 9 | <p>Two (2) Lots 30 AWG Wire-Wrapping Wire:</p> <p>1. One (1) unit each: White and Blue w/ ff specs:<br/> a. Cross Sectional Area: 0.05 mm<sup>2</sup><br/> b. American Wire Gauge: 30 AWG<br/> c. Core Strands: 1/0.25 mm<br/> d. Insulation Material: ETFE<br/> e. Outer Diameter: 0.55mm<br/> f. Length: 50m<br/> g. Voltage Rating: 300 V<br/> h. Conductor Material: Silver Plated Copper<br/> i. Wire Style: MIL-W-81822/13<br/> j. Operating Temperature: -65°C to +160°C<br/> k. Insulation Wall Thickness: 0.2mm<br/> l. Cable Shape: Single Core</p> <p>Inclusive of all government fees, taxes and duties.<br/> Delivery Period: 60 days upon issuance of NTP</p>   | RDD | NP-53.9 Small Value Procurement | 1st - 2nd Quarter of 2020 | GOP | 5,775.00  | 5,775.00  | 0.00 | EPIIC_Y2 (GIA)            |
| 50203990 00 | 9 | <p>Vinyl Gloves:<br/> - Glove Type: Minimal Risk<br/> - Number of Gloves: 100<br/> - Glove Size: 9.5 to XL<br/> - Glove Material: Powder-Free Vinyl<br/> - Colour: Blue<br/> - Food Safe: No<br/> - Accepted Quality Level (AQL): 1.5</p> <p>Inclusive of all government fees, taxes and duties.<br/> Delivery Period: 60 days upon issuance of NTP</p>   | RDD | NP-53.9 Small Value Procurement | 1st - 2nd Quarter of 2020 | GOP | 2,675.00  | 2,675.00  | 0.00 | EPIIC_Y2 (GIA)            |
| 50203010 02 | 9 | HP Ink Cartridge, Tri-Colour 678, compatible with HP printer Deskjet  | RDD | NP-53.5 Agency-to-Agency        | 1st Quarter of 2020       | GOP | 16,625.00 | 16,625.00 | 0.00 | APP-CSE<br>EPIIC_Y2 (GIA) |
| 50203010 02 | 9 | HP Ink Cartridge, Black 678, compatible with HP printer Deskjet   | RDD | NP-53.5 Agency-to-Agency        | 1st Quarter of 2020       | GOP | 9,975.00  | 9,975.00  | 0.00 | APP-CSE<br>EPIIC_Y2 (GIA) |
| 50203010 02 | 9 | EPSON Bottle Ink, Cyan 664, (70ml), compatible with Epson Printer   | RDD | NP-53.5 Agency-to-Agency        | 1st Quarter of 2020       | GOP | 7,700.00  | 7,700.00  | 0.00 | APP-CSE<br>EPIIC_Y2 (GIA) |
| 50203010 02 | 9 | EPSON Bottle Ink, Black 664, (70ml), compatible with Epson Printer  | RDD | NP-53.5 Agency-to-Agency        | 1st Quarter of 2020       | GOP | 6,860.00  | 6,860.00  | 0.00 | APP-CSE<br>EPIIC_Y2 (GIA) |
| 50203010 02 | 9 | EPSON Bottle Ink, Yellow 664, (70ml), compatible with Epson Printer   | RDD | NP-53.5 Agency-to-Agency        | 1st Quarter of 2020       | GOP | 7,700.00  | 7,700.00  | 0.00 | APP-CSE<br>EPIIC_Y2 (GIA) |
| 50203010 02 | 9 | EPSON Bottle Ink, Magenta 664, (70ml), compatible with Epson Printer  | RDD | NP-53.5 Agency-to-Agency        | 1st Quarter of 2020       | GOP | 7,700.00  | 7,700.00  | 0.00 | APP-CSE<br>EPIIC_Y2 (GIA) |
| 50203010 02 | 9 | 1/12 D Type 3 Ring Binder A4 Size- For standard EMC Testing   | RDD | NP-53.5 Agency-to-Agency        | 1st Quarter of 2020       | GOP | 2,280.00  | 2,280.00  | 0.00 | APP-CSE<br>EPIIC_Y2 (GIA) |
| 50203010 02 | 9 | Petty Cash Voucher for EPDC, A6, 14cm x 10.9cm, 50 sheets per pad, 10 pads per bundle   | RDD | NP-53.5 Agency-to-Agency        | 1st Quarter of 2020       | GOP | 237.00    | 237.00    | 0.00 | APP-CSE<br>EPIIC_Y2 (GIA) |
| 50203010 02 | 9 | Copy Paper, A4, 80gsm   | RDD | NP-53.5 Agency-to-Agency        | 1st Quarter of 2020       | GOP | 8,650.00  | 8,650.00  | 0.00 | APP-CSE<br>EPIIC_Y2 (GIA) |
| 50203010 02 | 9 | Tape, Transparent, 24mm (±1mm), 50m   | RDD | NP-53.5 Agency-to-Agency        | 1st Quarter of 2020       | GOP | 240.00    | 240.00    | 0.00 | APP-CSE<br>EPIIC_Y2 (GIA) |
| 50203010 02 | 9 | Tape, Packing, 48mm (±1mm), 50m   | RDD | NP-53.5 Agency-to-Agency        | 1st Quarter of 2020       | GOP | 440.00    | 440.00    | 0.00 | APP-CSE<br>EPIIC_Y2 (GIA) |
| 50203010 02 | 9 | Sign Pen, blue, liquid gel, 0.5mm needle tip  | RDD | NP-53.5 Agency-to-Agency        | 1st Quarter of 2020       | GOP | 1,200.00  | 1,200.00  | 0.00 | APP-CSE<br>EPIIC_Y2 (GIA) |
| 50203010 02 | 9 | Whiteboard Marker Blue  | RDD | NP-53.5 Agency-to-Agency        | 1st Quarter of 2020       | GOP | 150.00    | 150.00    | 0.00 | APP-CSE<br>EPIIC_Y2 (GIA) |

|             |   |  |     |                          |                           |     |            |          |            |                           |
|-------------|---|--|-----|--------------------------|---------------------------|-----|------------|----------|------------|---------------------------|
| 50203010 02 | 9 | Envelope, Brown, A4, 50 pcs per box  | RDD | NP-53.5 Agency-to-Agency | 1st Quarter of 2020       | GOP | 675.00     | 675.00   | 0.00       | APP-CSE<br>EPIIC_Y2 (GIA) |
| 50203010 02 | 9 | Envelope, Brown, Legal, 500 pcs per box  | RDD | NP-53.5 Agency-to-Agency | 1st Quarter of 2020       | GOP | 930.00     | 930.00   | 0.00       | APP-CSE<br>EPIIC_Y2 (GIA) |
| 50203010 02 | 9 | Envelope, Mailing, White, 500 pcs per box  | RDD | NP-53.5 Agency-to-Agency | 1st Quarter of 2020       | GOP | 380.00     | 380.00   | 0.00       | APP-CSE<br>EPIIC_Y2 (GIA) |
| 50203010 02 | 9 | Envelope, Expanding, Plastic, with elastic strap for closing or binding, 380 mm x 260 mm   | RDD | NP-53.5 Agency-to-Agency | 1st Quarter of 2020       | GOP | 640.00     | 640.00   | 0.00       | APP-CSE<br>EPIIC_Y2 (GIA) |
| 50203010 02 | 9 | Folder, Brown, A4, 100 pcs per pack  | RDD | NP-53.5 Agency-to-Agency | 1st Quarter of 2020       | GOP | 282.00     | 282.00   | 0.00       | APP-CSE<br>EPIIC_Y2 (GIA) |
| 50203010 02 | 9 | Folder, Brown, Legal, 100 pcs per pack   | RDD | NP-53.5 Agency-to-Agency | 1st Quarter of 2020       | GOP | 324.00     | 324.00   | 0.00       | APP-CSE<br>EPIIC_Y2 (GIA) |
| 50203010 02 | 9 | Fastener, (Plastic), 50 pcs per box  | RDD | NP-53.5 Agency-to-Agency | 1st Quarter of 2020       | GOP | 240.00     | 240.00   | 0.00       | APP-CSE<br>EPIIC_Y2 (GIA) |
| 50203010 02 | 9 | Staple Wire, Standard (No. 35), 26/6 (5000 pcs)  | RDD | NP-53.5 Agency-to-Agency | 1st Quarter of 2020       | GOP | 500.00     | 500.00   | 0.00       | APP-CSE<br>EPIIC_Y2 (GIA) |
| 50203010 02 | 9 | Paper Clip, vinyl/plastic coated, length: 33mm min, wire diameter: 0.79 mm min, total length of wire used: 98mm min, assorted colors, 100 pieces per box, at least 52g   | RDD | NP-53.5 Agency-to-Agency | 1st Quarter of 2020       | GOP | 200.00     | 200.00   | 0.00       | APP-CSE<br>EPIIC_Y2 (GIA) |
| 50203010 02 | 9 | Clear Sheet Refill, A4, 10 sheets, 11 holes  | RDD | NP-53.5 Agency-to-Agency | 1st Quarter of 2020       | GOP | 700.00     | 700.00   | 0.00       | APP-CSE<br>EPIIC_Y2 (GIA) |
| 50203010 02 | 9 | Clear Sheet Refill, Long, 10 sheets, 11 holes  | RDD | NP-53.5 Agency-to-Agency | 1st Quarter of 2020       | GOP | 392.00     | 392.00   | 0.00       | APP-CSE<br>EPIIC_Y2 (GIA) |
| 50203010 02 | 9 | Stapler, Heavy Duty (Binder Type)  | RDD | NP-53.5 Agency-to-Agency | 1st Quarter of 2020       | GOP | 2,760.00   | 2,760.00 | 0.00       | APP-CSE<br>EPIIC_Y2 (GIA) |
| 50203010 02 | 9 | Staple Wires, Heavy Duty, 23/13 1/2" (1000 pcs)  | RDD | NP-53.5 Agency-to-Agency | 1st Quarter of 2020       | GOP | 440.00     | 440.00   | 0.00       | APP-CSE<br>EPIIC_Y2 (GIA) |
| 50604050 14 | 9 | 350Mhz Mixed Signal Oscilloscope with Logic Probe, Computer & Embedded Serial Triggering and Analysis:<br>1. Analog Bandwidth: 350 MHz<br>2. Channels:<br>2.1. Analog: 4 4 input analog channels with passive probes with at least 500MHz badwidth<br>2.2. Digital: 16 input digital channels including active logic probes<br>3. Max. Sample Rate of Analog Channel:<br>3.1. Single-channel: 8 GSa/s<br>3.2. Half-channel: 4 GSa/s<br>3.3. All channels: 2 GSa/s<br>4. Max. Memory Depth:<br>4.1. Analog Channel:<br>4.1.a. Single-channel: 200 Mpts<br>4.1.b. Half-channel: 100 Mpts<br>4.1.c. All channels: 50 Mpts<br>4.2. Digital Channel: 25 Mpts (all channels)<br>5. Max. Waveform Capture Rate: ≥500,000 wfms/s<br>6. Range of Time Base: 1 ns/div~1ks/div<br>7. Vertical Sensitivity Range: 500 uV/div~10 V/div<br>8. DC Gain Accuracy: ± 3% of full scale<br>9. Hardware Real-time Waveform Recording and Playing: ≥450,000 wfms (single-channel)<br>10. Trigger Type: Edge trigger, Pulse trigger, Slope trigger, Video trigger, Pattern trigger, Duration trigger, Timeout trigger, Runt trigger, Window trigger, Delay trigger, Setup/Hold trigger, Nth Edge trigger, RS232, UART, I2C, SPI<br>11. Decoding Type: Parallel, RS232, UART, I2C, SPI<br>12. Waveform Calculation: A+B, A-B, A×B, A/B, FFT, A&&B, A  B, A^B,  A, Intg, Diff, Sqrt, Lg, Ln, Exp, Abs, AX+B, LowPass, HighPass, BandPass, and BandStop<br>13. Auto Measurement: 41 auto measurements; and up to 10 measurements can be displayed at a time<br>14. Enhanced FF: Record Length: Max. 1 Mpts; Window Type: Rectangular, Blackman-Harris, Hanning (default), Hamming, Flattop, and Triangle; Peak Search: max 15 peaks | RDD | Competitive Bidding      | 1st - 2nd Quarter of 2020 | GOP | 300,000.00 | 0.00     | 300,000.00 | EPIIC_Y2 (GIA)            |

|             |   |     |                     |                           |     |            |      |            |                |
|-------------|---|-----|---------------------|---------------------------|-----|------------|------|------------|----------------|
| 50605040 14 | <p>Spectrum Analyzer with Tracking Generator:</p> <ol style="list-style-type: none"> <li>1. Type (Spectrum Analyzer): Benchtop</li> <li>2. Frequency Range: 9 kHz to 3.2 GHz</li> <li>3. Frequency Resolution: 1 Hz</li> <li>4. Aging Rate: &lt;1 ppm/year</li> <li>5. SSB Phase Noise(<math>f_c=1\text{GHz}</math>): &lt;-98 dBc/Hz@10kHz offset, &lt;-100 dBc/Hz@100kHz offset (typ.)</li> <li>6. Resolution Bandwidth <ol style="list-style-type: none"> <li>6.1. -3 dB: 10 Hz to 1 MHz, in 1-3-10 sequence</li> <li>6.2. -6 dB: 200 Hz, 9 kHz</li> </ol> </li> <li>7. Video Bandwidth (-3 dB): 1 Hz to 3 MHz, in 1-3-10 sequence</li> <li>8. Displayed Average Noise Level (DANL) (condition: PA on , attenuation = 0 dB, RBW = VBW = 100 Hz, sample detector, trace average <math>\geq 50</math>, tracking generator off, normalized to 1Hz, 20°C to 30°C , input impedance = 50 <math>\Omega</math>): <ol style="list-style-type: none"> <li>8.1. 100 kHz to 1 MHz: &lt;-152 dBm (typ.)</li> <li>8.2. 1 MHz to 5 MHz: &lt;-152 dBm, &lt;-155 dBm (typ.)</li> <li>8.3. 5 MHz to 3.2 GHz &lt;-157 dBm, &lt;-161 dBm (typ.)</li> </ol> </li> <li>9. Trace Detectors: normal, positive-peak, negative-peak, sample, RMS, voltage average</li> <li>10. Trace Functions: clear write, max hold, min hold, average, view, blank</li> <li>11. Units of Level Axis: dBm, dBmV, dB<math>\mu</math>V, nV, <math>\mu</math>V, mV, V, nW, <math>\mu</math>W, mW, W</li> <li>12. Level Measurement Uncertainty: &lt;0.8 dB (nom.)</li> <li>13. Tracking Generator <ol style="list-style-type: none"> <li>13.1. Frequency Range: 100 kHz to 3.2</li> <li>13.2. Output Level Range: -40 dBm to 0 dBm</li> <li>13.3. Output Level Resolution: 1 dB</li> </ol> </li> <li>14. SSC Measurement Bandwidth: 1.5 MHz</li> <li>15. Warranty: at least one (1) year</li> </ol> <p>Inclusive of all government fees, taxes and duties.<br/>Delivery Period: 60 days upon receipt of NTP</p>   | RDD | Competitive Bidding | 1st - 2nd Quarter of 2020 | GOP | 260,000.00 | 0.00 | 260,000.00 | EPIIC_Y2 (GIA) |
| 50604050 14 | <p>Arbitrary Function Generator with PC based waveform editing software license:</p> <ol style="list-style-type: none"> <li>1. Channel: 2</li> <li>2. Maximum Frequency: 200MHz 160MHz 100MHz 60MHz</li> <li>3. Sample Rate: 500Ms/s</li> <li>4. Standard Waveforms: Sine, Square, Ramp, Pulse, Noise, Harmonics (up to 16 orders)</li> <li>5. Arbitrary Waveforms: Sinc, Exponential Rise, Exponential Fall, ECG, Gauss, HaverSine, Lorentz, DualTone, DC, etc. up to 150 waveforms</li> <li>6. Waveform Length: 16K</li> <li>7. Vertical Resolution: 14bits</li> <li>8. Sine: 1uHz-200MHz 1uHz-160MHz 1uHz-100MHz 1uHz-60MHz</li> <li>9. Square: 1uHz-60MHz 1uHz-50MHz 1uHz-40MHz 1uHz-25MHz</li> <li>10. Ramp: 1uHz-5MHz 1uHz-4MHz 1uHz-3MHz 1uHz-1MHz</li> <li>11. Pulse/arb: 1uHz-50MHz 1uHz-40MHz 1uHz-25MHz 1uHz-15MHz</li> <li>12. Noise (-3dB): 120MHz 120MHz 80MHz 60MHz</li> <li>13. Sine Wave Spectrum Purity Total Harmonic Distortion: &lt;0.1%(10Hz-20KHz,0dBm); Phase Noise: <math>\leq -115\text{dBc}@10\text{MHz}</math> (0dBm,10KHz offset)</li> <li>14. Square: Rise/Fall Time &lt;8ns &lt;8ns &lt;10ns &lt;12ns</li> <li>15. Jitter (rms): <math>\leq 5\text{MHz}</math>: 2ppm+500ps, &gt;5MHz : 500ps</li> <li>16. Amplitude (into 50 <math>\Omega</math>): <math>\leq 20\text{MHz}</math>: 1mVpp-10Vpp; <math>\leq 60\text{MHz}</math>:1mVpp-5Vpp; <math>\leq 120\text{MHz}</math>:1mV-2.5Vpp; <math>\leq 200\text{MHz}</math>:1mV-1Vpp</li> <li>17. Modulation Type: AM, FM, PM, ASK, FSK, PSK, BPSK, QPSK, 3FSK, 4FSK, OSK, PWM</li> <li>18. Work Mode: Continue, Burst, Sweep, Modulation</li> <li>19. Burst Characteristics: Carrier Frequency 2MHz-100MHz, Burst Count: 1 to 1 000 000 or Infinite; trigger source: internal, external, manual</li> <li>20. With Perpetual PC based waveform editing software license</li> <li>21. Warranty: at least one (1) year</li> </ol> <p>Inclusive of all government fees, taxes and duties.<br/>Delivery Period: 60 days upon receipt of NTP</p> | RDD | Competitive Bidding | 1st - 2nd Quarter of 2020 | GOP | 106,000.00 | 0.00 | 106,000.00 | EPIIC_Y2 (GIA) |
| 50605040 14 | <p>Vector Signal Generator:</p> <ol style="list-style-type: none"> <li>1. Frequency Range: 1MHz to 6.1GHz (RF band) 100Hz to 1MHz (Low band), 1Hz resolution, 0.5PPM clock accuracy</li> <li>2. Output level range: -100dBm--+10dBm (1MHz ~4GHz), -100 dBm--+0dBm (4GHz ~6.1GHz), -50dBm-0dBm (Low band), 0.25dB resolution</li> <li>3. Working mode: CW mode, frequency sweeping, frequency hopping, pulse modulation and simultaneous I&amp;Q modulation (100KB data buffer)</li> <li>4. Analog modulation: AM, FM, PM</li> <li>5. Digital modulation: ASK, FSK, 4FSK, GFSK, MSK, GMSK,SFSK, and more modulation signal based on the I&amp;Q engine</li> <li>6. Phase modulation: BPSK, 4PSK, 8PSK, 16QAM, 32QAM, 64QAM and more modulation signal based on the I&amp;Q engine</li> <li>7. Low band function: Sin wave, I&amp;Q modulation, arbitrary signal waveform (raw data file) and modulated any low band signal into RF signal with AM, FM and PM.</li> <li>8. Pulse signal modulation: pulse width 0.25us~5s, repeat time: 40us~20S (single frequency), 400us~20s (Sweeping and hopping)</li> <li>9. Warranty: at least one (1) year</li> </ol> <p>Inclusive of all government fees, taxes and duties.<br/>Delivery Period: 60 days upon receipt of NTP</p>  | RDD | Competitive Bidding | 1st - 2nd Quarter of 2020 | GOP | 60,000.00  | 0.00 | 60,000.00  | EPIIC_Y2 (GIA) |



|             |   |   |     |                     |                           |     |            |      |            |                |
|-------------|---|---|-----|---------------------|---------------------------|-----|------------|------|------------|----------------|
| 50605040 14 | 9 | <p>Benchtop Precision Digital Multimeter:</p> <ol style="list-style-type: none"> <li>1. Type: Bench</li> <li>2. Absolute Maximum DC Current Measurement: 10.1A dc</li> <li>3. Absolute Maximum AC Current Measurement: 10.1A ac</li> <li>4. Absolute Maximum AC Voltage Measurement: 750V ac</li> <li>5. Absolute Maximum Resistance Measurement: 120MΩ</li> <li>6. Absolute Maximum DC Voltage Measurement: 1010Vdc</li> <li>7. Absolute Maximum Temperature Measurement: +400 °C, +760 °C, +1000 °C, +1300 °C, +1372 °C, +1768 °C, +1820 °C</li> <li>8. Absolute Maximum Capacitance Measurement: 120μF</li> <li>9. Functions Measured: AC Current, AC Voltage, Capacitance, Continuity, DC Current, DC Voltage, Diode, Frequency, Period, Resistance, Temperature</li> <li>10. True RMS: Yes</li> <li>11. Maximum Frequency: 300kHz</li> <li>12. Resistance Measurement Resolution: 1μΩ</li> <li>13. Temperature Measurement Resolution: 0.001°C</li> <li>14. Capacitance Measurement Resolution: 0.01pF</li> <li>15. Maximum Operating Temperature: +50°C</li> <li>16. Battery Type: Li-Ion</li> <li>17. Safety Category Voltage: 1000V</li> <li>18. Minimum Operating Temperature: 0°C</li> <li>19. Battery Life: 3 years</li> <li>20. Safety Category Level: CAT II</li> <li>21. Warranty: at least one (1) year</li> </ol> <p>Inclusive of all government fees, taxes and duties.<br/>Delivery Period: 60 days upon receipt of NTP</p>   | RDD | Competitive Bidding | 1st - 2nd Quarter of 2020 | GOP | 125,000.00 | 0.00 | 125,000.00 | EPIIC_Y2 (GIA) |
| 50605040 14 | 9 | <p>Dual Display Handheld Digital Multimeter:</p> <ol style="list-style-type: none"> <li>1. Measurement Function: DC voltage, AC voltage, DCV+ACV, DC current, AC current, DCA+ACA, resistance, frequency, temperature, capacitance, duty cycle, decibel calculation, continuity check, diode test, low-power resistance <ol style="list-style-type: none"> <li>1.1. For AC voltage/current, RMS/MEAN detection can be switched.</li> <li>1.2. For AC voltage/current, the low-pass filter can be turned on/off.</li> </ol> </li> <li>2. Data hold/auto hold/peak hold, range hold, maximum/minimum/average values resistance, capacitance zero, relative and percentage value calculation, manual-mode memory, logging-mode memory, auto power off, backlight (white LED)</li> <li>3. Display: 5-digit LCD 7-segment</li> <li>4. Digital display: Main display: [50,000] counts</li> <li>5. Sub-display: [50,000] counts</li> <li>6. Bar graph display: 51-segment</li> <li>7. Polarity indicator: "-" appears automatically when the polarity is negative</li> <li>8. Overrange indicator: "OL"</li> <li>9. Basic accuracy: 0.020%</li> <li>10. True RMS measurement</li> <li>11. Simultaneous measurement and display of DC and AC</li> <li>12. Switchable RMS/MEAN detection</li> <li>13. Low-pass Filter (LPF)</li> <li>14. AC50mV range</li> <li>15. Low-Power resistance measurement</li> <li>16. With full Support for Data Management</li> <li>17. With large-capacity logging-mode memory</li> <li>18. USB communication, application software (Optional DMM communication package)</li> <li>19. Conforms to safety standards EN61010-1 1000V CAT, 600V CAT.</li> <li>20. Safety shutters for preventing erroneous insertion of test leads into current measurement terminals</li> <li>21. Operating temperature range: -20 to +55°C</li> <li>22. Storage temperature range: -40 to +70°C</li> <li>23. Closed Case Calibration</li> <li>24. Warranty: at least one (1) year</li> </ol> <p>Inclusive of all government fees, taxes and duties.<br/>Delivery Period: 60 days upon receipt of NTP</p> | RDD | Competitive Bidding | 1st - 0nd Quarter of 2020 | GOP | 80,000.00  | 0.00 | 80,000.00  | EPIIC_Y2 (GIA) |

|             |   |   |     |                     |                           |     |            |      |            |               |
|-------------|---|---|-----|---------------------|---------------------------|-----|------------|------|------------|---------------|
| 50605040 02 | 9 | <p>Handheld Digital Multimeter:</p> <ol style="list-style-type: none"> <li>Maximum voltage between any terminal and earth ground: 600 V</li> <li>Surge protection: 6 kV peak per IEC 61010-1 600 V CAT III, Pollution Degree 2</li> <li>Fuse for A input: 11 A, 1000 V FAST 17 kA Fuse</li> <li>Display: <ol style="list-style-type: none"> <li>Digital: 6,000 counts, updates 4/sec</li> <li>Bar Graph: 33 segments, updates 32/sec</li> </ol> </li> <li>Operating Temperature: -10 °C to +50 °C; Storage: -40 °C to +60 °C</li> <li>Operating altitude: 2,000 m</li> <li>Battery: <ol style="list-style-type: none"> <li>Type: 9 Volt Alkaline, NEDA 1604A/IEC 6LR61</li> <li>Life: 400 hours typical, without backlight</li> </ol> </li> <li>Safety compliances: ANSI/ISA 82.02.01 (61010-1) 2004, CAN/CSA C22.2 No 61010-1-04, UL 6101B (2003) and IEC/EN 61010-1 2nd Edition for measurement Category III, 600 V, Pollution Degree 2, EMC EN61326-1</li> <li>Certifications: UL, CSA, TUV, N10140, VDE</li> <li>IP rating (dust and water protection): IP42</li> <li>Warranty: at least one (1) year</li> </ol> <p>Features:</p> <ol style="list-style-type: none"> <li>With integrated technology for non-contact voltage detection similar or better than VoltAlert</li> <li>With automatic AC/DC voltage selection modes to provide faster and more accurate readings</li> <li>Provides low input impedance to help prevent false readings due to ghost voltage</li> <li>With large white LED backlight for working in poorly lit areas</li> <li>True RMS capabilities for accurate measurements on non-linear loads</li> <li>Measures 10 A (20 A overload for 30-seconds)</li> <li>Measures resistance, continuity, frequency, and capacitance</li> <li>Provides Min/Max/Average to record signal fluctuations</li> <li>Includes holster with probe holders for easy storage</li> <li>With compact ergonomic design for one-handed operation</li> <li>Fits into magnetic hanger for hands-free operation</li> </ol> <p>Inclusive of all government fees, taxes and duties<br/>Delivery Period: 60 days upon receipt of NTP</p> | RDD | Competitive Bidding | 1st - 2nd Quarter of 2020 | GOP | 285,000.00 | 0.00 | 285,000.00 | EPIC_Y2 (GIA) |
| 50605040 14 | 9 | <p>Low Noise Amplifier:</p> <ol style="list-style-type: none"> <li>1.4 dB NF Low Noise Amplifier</li> <li>Operating from 10 MHz to 3 GHz with 34 dB Gain, 11 dBm P1dB and SMA</li> <li>Frequency Range: 0.01 ~ 3GHz</li> <li>Small Signal Gain: 32.53 ~ 436.5dB</li> <li>Gain Flatness: ±0.75 ~ ±1dB</li> <li>Gain Variance at OTR: 1.25dB</li> <li>Output at 1 dB Compression Point: +10 ~ +11dBm</li> <li>Output 3rd Intercept Point: +25dBm</li> <li>Noise Figure (50 MHz to 3 GHz): 1.4 ~ 1.7dB</li> <li>Input VSWR: 1.4:1 ~ 1.6:1</li> <li>Output VSWR: 1.4:1 ~ 1.6:1</li> <li>Reverse Isolation: 40 ~ 50dB</li> <li>Operating DC Voltage: 10, 12, 15 Volts</li> <li>Operating DC Current: 85, 95, 105 mA</li> <li>Operating Temperature Range: -40 ~ +85°C</li> <li>Warranty: at least one (1) year</li> </ol> <p>Inclusive of all government fees, taxes and duties.<br/>Delivery Period: 60 days upon receipt of NTP</p>  | RDD | Competitive Bidding | 1st- 2nd Quarter of 2020  | GOP | 60,000.00  | 0.00 | 60,000.00  | EPIC_Y2 (GIA) |

|             |   |     |                     |                           |     |            |      |            |                |
|-------------|---|-----|---------------------|---------------------------|-----|------------|------|------------|----------------|
| 50605040 14 | 9 | RDD | Competitive Bidding | 1st - 2nd Quarter of 2020 | GOP | 180,000.00 | 0.00 | 180,000.00 | EPIIC_Y2 (GIA) |
|-------------|---|-----|---------------------|---------------------------|-----|------------|------|------------|----------------|

Benchtop Electronic DC Load:  
1. Single input rating  
1.1. Voltage: 0 to 150 V  
1.2. Current: 0 to 60 V  
1.3. Power: 350 W  
1.4. Minimum Operating Voltage: 1.3V (@ 60A)  
1.5. Resistance: 350kΩ  
2. CC Mode  
2.1. Range: 0 to 6A (low range), 0 to 60A (high range)  
2.2. Resolution: 1mA  
2.3. Accuracy ±(0.05% + 0.05%FS)  
2.4. Temperature Coefficient: 100ppm/°C  
3. CV Mode  
3.1. Range: 0 to 15V (low range), 0 to 150V (high range)  
3.2. Resolution: 1mV (low range), 5mV (high range)  
3.3. Accuracy ±(0.05% + 0.02%FS) (low range), ±(0.05% + 0.025%FS) (high range)  
3.4. Temperature Coefficient: 50ppm/°C  
4. CR Mode  
4.1. Range: 0.08Ω to 15Ω (low range), 2Ω to 15kΩ (high range)  
4.2. Resolution: 2mA/Vsense  
4.3. Accuracy: Vin/Rset\*(0.2%) + 0.2%IFS  
5. CP Mode  
5.1. Range: 0 to 350W  
5.2. Resolution: 100mW  
6. CC Continuous Mode  
6.1. Frequency Range: 0.001Hz to 30kHz  
6.2. Frequency Accuracy: 0.8%  
6.3. Frequency Resolution: ±0.5%  
6.4. Duty Cycle Range: 5% to 95%, 1%  
7. Slew Rate  
7.1. CC Slew Rate: 0.001A/μs to 0.5A/μs (low range), 0.001A/μs to 5A/μs (>5V) (high range)  
7.2. Resolution: 0.001A/μs  
7.3. Accuracy: 5% + 10μs  
8. Current Readback  
8.1. Range: 0 to 60A  
8.2. Resolution: 0.1mA  
8.3. Accuracy: ±(0.05% + 0.05%FS)  
8.4. Temperature Coefficient: 50ppm/°C  
9. Voltage Readback  
9.1. Range: 0 to 150V  
9.2. Resolution: 1mV  
9.3. Accuracy ±(0.05% + 0.02%FS)  
9.4. Temperature Coefficient: 20ppm/°C  
10. Protection Functions: Over-current protection (OCP), over-voltage protection (OVP), over-power protection (OPP), over-temperature protection (OTP), as well as local / remote reverse voltage (LRV / RRV) protection.  
11. Stability:  
11.1. Current: ±(0.01% ± 10mA)  
11.2. Voltage: ±(0.01% ± 10mV)  
12. Communications Interfaces  
12.1. USB Device: Standard  
12.2. USB Host: Standard  
12.3. RS232: Standard  
12.4. LAN: Standard  
12.5. Digital I/O: Standard  
13. AC Power Supply  
13.1. Voltage: 230V ± 10%, 250V max., 50Hz to 60Hz, nom.  
13.2. Power: <30VA  
14. Environment  
14.1. Cooling Method: Fan  
14.2. Operating Temperature: 0°C to 40°C  
14.3. Storage Temperature: -40°C to 70°C  
14.4. Humidity: 5% to 80% RH  
14.5. Altitude: <2,000m  
15. Warranty: at least one (1) year  
Inclusive of all government fees, taxes and duties  
Delivery Period: 60 days upon receipt of NTP

|             |    |  |      |  |                           |     |              |              |            |               |
|-------------|----|--|------|--|---------------------------|-----|--------------|--------------|------------|---------------|
| 50605040 14 | 9  | <p>Benchtop LCR Meter:</p> <ol style="list-style-type: none"> <li>1. Max Capacitance Measurement: 9999F</li> <li>2. Max Resistance Measurement: 9.999 GΩ</li> <li>3. Max Inductance Measurement: 9999H</li> <li>4. Type: Bench</li> <li>5. Display Type: LCD</li> <li>6. Power Source: Mains</li> <li>7. Operating Temperature: 0 - 40°C</li> <li>8. SCPI-compliant programming (can be programmed remotely via USB (virtual COM), GPIB, and LAN interface using SCPI commands)</li> <li>9. with compact 2U half-rack form factor with 4.3" color display</li> <li>10. Warranty: at least one (1) year</li> </ol> <p>Features:</p> <ol style="list-style-type: none"> <li>1. Measurement parameters: L, C, R, Z, G, B, Y, D, Q, θ, DCR</li> <li>2. With 0.05% best impedance accuracy</li> <li>3. With test frequency from 20 Hz - 300 kHz and 4-digit resolution</li> <li>4. With 0.5 Vrms and 1 Vrms selectable test levels</li> <li>5. Adjustable measurement speed for fast readout or better accuracy</li> <li>6. 300-point linear and logarithmic sweep function</li> <li>7. Bin sorting function (9 primary, one secondary and one out-of-spec bin)</li> <li>8. Save/recall up to 100 setups (10 internal) including 1000 measurements and screenshots</li> </ol> <p>Includes:</p> <ol style="list-style-type: none"> <li>1. Kelvin clip test leads for 4-wire measurements</li> <li>2. Test fixture which allows users to conveniently measure axial and radial lead type components</li> </ol> <p>Inclusive of all government fees, taxes and duties<br/>Delivery Period: 60 days upon receipt of NTP</p> | RDD  | Competitive Bidding  | 1st - 2nd Quarter of 2020 | GOP | 160,000.00   | 0.00         | 160,000.00 | EPIC_Y2 (GIA) |
| 50203990 00 | 9  | ISDB-t Tuner Board Components<br>Includes Voltage Regulator<br>Includes Passive Components<br>Includes Signal and RF Connectors  | SSED | NP-53.9 Small Value Procurement  | 2nd Quarter of 2020       | GOP | 8,988.45     | 8,988.45     | 0.00       | RURAL SYNC    |
| 50203990 00 | 9  | Coaxial Matching Pad<br>50 Ohms to 75 Ohms<br>SMA-female to F-Male   | SSED | NP-53.9 Small Value Procurement  | 2nd Quarter of 2020       | GOP | 3,978.00     | 3,978.00     | 0.00       | RURAL SYNC    |
| 50203990 00 | 9  | F-Female to F-Female Adapter<br>75 Ohms<br>1GHz Max Frequency  | SSED | NP-53.9 Small Value Procurement  | 2nd Quarter of 2020       | GOP | 1,140.00     | 1,140.00     | 0.00       | RURAL SYNC    |
| 50203990 00 | 9  | 0 Ohm SMD Resistor<br>0 Ohm, 0805(2012 Metric), 0.5mOhm, 22.4A   | SSED | NP-53.9 Small Value Procurement  | 2nd Quarter of 2020       | GOP | 2,622.00     | 2,622.00     | 0.00       | RURAL SYNC    |
| 50203990 00 | 9  | 200 Ohm SMD Resistor<br>200 Ohms, 0805(2012 Metric), 1%, 150V  | SSED | NP-53.9 Small Value Procurement  | 2nd Quarter of 2020       | GOP | 1,749.00     | 1,749.00     | 0.00       | RURAL SYNC    |
| 50203990 00 | 9  | 33 pf SMD Capacitor<br>33pF COG, 0805(2012 Metric), 5%, 50VDC  | SSED | NP-53.9 Small Value Procurement  | 2nd Quarter of 2020       | GOP | 519.90       | 519.90       | 0.00       | RURAL SYNC    |
| 50203990 00 | 9  | 270 nH SMD Inductor<br>270 nH Multilayer, 0402(1005 Metric), 5%, 110mA   | SSED | NP-53.9 Small Value Procurement  | 2nd Quarter of 2020       | GOP | 61.50        | 61.50        | 0.00       | RURAL SYNC    |
| 50203990 00 | 9  | 2.54mm Pin Headers<br>20 positions, 1 row, 2.54mm pitch, Through Hole  | SSED | NP-53.9 Small Value Procurement  | 2nd Quarter of 2020       | GOP | 1,170.00     | 1,170.00     | 0.00       | RURAL SYNC    |
| 50203990 00 | 9  | 1.27mm Pin Headers<br>20 positions, 1 row, 1.27mm pitch, through hole  | SSED | NP-53.9 Small Value Procurement  | 2nd Quarter of 2020       | GOP | 652.50       | 652.50       | 0.00       | RURAL SYNC    |
| 50203990 00 | 9  | USB development board<br>2.54 mm GPIO pins<br>Logic Analyzer Function  | SSED | NP-53.9 Small Value Procurement  | 2nd Quarter of 2020       | GOP | 1,200.00     | 1,200.00     | 0.00       | RURAL SYNC    |
| 50212020 00 | 10 | Extension of Janitorial Services with Cleaning Supplies, Materials and Equipment (May 1-31, 2020)  | FAD  | Extension of Contract for General Support Services   | 2nd Quarter of 2020       | GOP | 119,255.85   | 119,255.85   | 0.00       |               |
| 50204020 00 | 10 | Data Center Electricity Expense for 2 months   | SSED | Renewal of WETI  | 2nd Quarter of 2020       | GOP | 400,000.00   | 400,000.00   | 0.00       | SAGAP         |
| 50299050 01 | 10 | Lease of Room Space in a Data Center Facility and Services, including rack cabinet rental<br>CO-LOCATION for 1 month   | SSED | Renewal of Contract of Lease of Real Property per GPPB Resolution 06-2018 dd. 18 May 2018              | 2nd Quarter of 2020       | GOP | 1,849,000.00 | 1,849,000.00 | 0.00       | INNOVATE      |
| 50299050 01 | 10 | Lease of Room Space in a Data Center Facility and Services, including rack cabinet rental<br>CO-LOCATION for 1 month   | SSED | Renewal of Contract of Lease of Real Property per GPPB Resolution 06-2018 dd. 18 May 2018              | 2nd Quarter of 2020       | GOP | 1,849,000.00 | 1,849,000.00 | 0.00       | SAGAP         |
| 50299050 01 | 10 | Lease of Room Space in a Data Center Facility and Services, including rack cabinet rental<br>CO-LOCATION for 2 months  | SSED | Renewal of Contract of Lease of Real Property per GPPB Resolution 06-2018 dd. 18 May 2018              | 2nd Quarter of 2020       | GOP | 3,698,000.00 | 3,698,000.00 | 0.00       | SAGAP         |
| 50211990 00 | 10 | Travel Expenses<br>Local travel airfare of GAA charged staff (outsourced and project staff)  | SSED | NP-53.14 Direct Retail Purchase of Petroleum Fuel Oil and Lubricant (POL) Products and Airline Tickets | 2nd Quarter of 2020       | GOP | 7,362.76     | 7,362.76     | 0.00       | STATIONS      |
| 50203220 02 | 17 | Technical Book: Practical Quantum Computing for Developers: Programming Quantum Rigs in the Cloud using Python, Quantum Assembly Language and IBM QExperience (First Edition, Paperback); Author: Vladimir Silva; Edition: 1st Edition, December 13, 2018; Publisher: Apress; ISBN: ISBN-10:1484242173 ISBN-13:978-1484242179<br>1 pc  | CSD  | NP-53.9 Small Value Procurement  | 2nd Quarter of 2020       | GOP | 4,200.00     | 4,200.00     |            | Gul.ai        |

|             |    |   |      |                                 |                     |     |              |            |              |                        |
|-------------|----|---|------|---------------------------------|---------------------|-----|--------------|------------|--------------|------------------------|
| 50203220 02 | 17 | Technical Book: Mastering Quantum Computing with IBM QX: Explore the world of quantum computing using the Quantum Composer and Qiskit (First Edition, Paperback); Author:Christine Corbett Moran; Edition: 1st Edition January 31, 2019; Publication: Packet Publishing; ISBN: ISBN-10:1789136431 ISBN-13:978-1789136432<br>1 pc                | CSD  | NP-53.9 Small Value Procurement | 2nd Quarter of 2020 | GOP | 6,300.00     | 6,300.00   | 0.00         | Gul.ai                 |
| 50203220 02 | 17 | Technical Book: Problems and Solutions in Quantum Computing and Quantum Information (4th Edition, Hardbound); Author:Willi-Hans Steeb, Yorick Hardy; Edition: 4th Edition April 26, 2018; Publication: World Scientific; ISBN: ISBN-10:9813238402 ISBN-13: 978-9813238404<br>1 pc   | CSD  | NP-53.9 Small Value Procurement | 2nd Quarter of 2020 | GOP | 9,800.00     | 9,800.00   | 0.00         | Gul.ai                 |
| 50203220 02 | 17 | Technical Book: Programming Quantum Computers: Essential Algorithms and Code Samples (1st Edition, Paperback); Author: Eric R. Johnston, Nic Harrigan, Mercedes Gimeno-Segovia; Edition: 1st Edition July 23, 2019; Publication: O'Reilly Media; ISBN: ISBN-13:978-1492039686 ISBN-10: 1492039683   | CSD  | NP-53.9 Small Value Procurement | 2nd Quarter of 2020 | GOP | 5,900.00     | 5,900.00   | 0.00         | Gul.ai                 |
| 50203220 02 | 17 | Technical Book: Quantum Computing: An Applied Approach (1st Edition, Hardbound); Author: Jack D. Hidary; Edition: 1st Edition August 30, 2019; Publication: Springer; ISBN-10:3030239217 ISBN-13:978-3030239213<br>1 pc   | CSD  | NP-53.9 Small Value Procurement | 2nd Quarter of 2020 | GOP | 3,900.00     | 3,900.00   | 0.00         | Gul.ai                 |
| 50203220 02 | 17 | Technical Book: No-Nonsense Quantum Mechanics: A Student-Friendly Introduction (Second Edition, Paperback); Author: Jakob Schwichtenberg; Edition: 2nd Edition December 1, 2018; Publication: Independently Published; ISBN-10:1790455383 ISBN-13:978-1790455386<br>1 pc  | CSD  | NP-53.9 Small Value Procurement | 2nd Quarter of 2020 | GOP | 3,600.00     | 3,600.00   | 0.00         | Gul.ai                 |
| 50203220 02 | 17 | Technical Book: Mathematics of Quantum Computing: An Introduction (First Edition, Hardbound); Author: Wolfgang Scherer; Edition: 1st Edition November13, 2019; Publication: Springer; ISBN-10:303012357X ISBN-13:978-3030123574<br>1 pc   | CSD  | NP-53.9 Small Value Procurement | 2nd Quarter of 2020 | GOP | 17,200.00    | 17,200.00  | 0.00         | Gul.ai                 |
| 50203220 02 | 17 | Technical Book: Foundations of Deep Reinforcement Learning: Theory and Practice in Python (Addison-Wesley Data & Analytics Series) (First Edition, Paperback); Author: Laura Graesser, Wah Loon Keng; Edition: 1st Edition December 15, 2019; Publication: Addison-Wesley Data and Analytics Series; ISBN-13: 978-0135172384 ISBN-10:0135172381 | CSD  | NP-53.9 Small Value Procurement | 2nd Quarter of 2020 | GOP | 5,200.00     | 5,200.00   | 0.00         | Gul.ai                 |
| 50203220 02 | 17 | Technical Book: The Design and Analysis of Computer Experiments (Springer Series in Statistics) (Second edition, Hardbound); Editor: Thomas J.Santner, Brian J. Williams, William I. Notz; Edition 2nd Edition, 2018 Edition January 09, 2019; Publication: Springer; ISBN-10149398845X ISBN-13:978-1493988457<br>1 pc                          | CSD  | NP-53.9 Small Value Procurement | 2nd Quarter of 2020 | GOP | 13,200.00    | 13,200.00  | 0.00         | Gul.ai                 |
| 50203220 02 | 17 | Technical Book: Hands-On Data Science for Marketing: Improve your marketing strategies with machine learning using Python and R; Editor: Yoon Hyup Hwang; Edition: 1st Edition March 2019; Publication: Packet Publishing; ISBN-13:978-1789346343 ISBN-10:1789346347  | CSD  | NP-53.9 Small Value Procurement | 2nd Quarter of 2020 | GOP | 6,200.00     | 6,200.00   | 0.00         | Gul.ai                 |
| 50203220 02 | 17 | Technical Book: A Guide to Algorithm Design: Paradigms, Methods, and Complexity Analysis; Editor: Anne Benoit, Yves Robert, Frederic Vivien; Edition 2013, Hardcover; Publication: CRC Press; 1st edition (August 27, 2013); ISBN-13: 978-1439825648 ISBN-10:1439825645   | CSD  | NP-53.9 Small Value Procurement | 2nd Quarter of 2020 | GOP | 8,200.00     | 8,200.00   | 0.00         | Gul.ai                 |
| 50203220 02 | 17 | Technical Book: How to Take Smart Notes: One Simple Technique to Boost Writing, Learning and Thinking – for Students, Academics and Nonfiction Book Writers; Softcover<br>ISBN-13: 978-1542866507<br>ISBN-10: 1542866502<br>1 pc  | CSD  | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 1,700.00     | 1,700.00   | 0.00         | <a href="#">GUL.ai</a> |
| 50203220 02 | 17 | Technical Book: The Data Science Design Manual (Texts in Computer Science); Hardcover<br>ISBN-13: 978-3319554433<br>ISBN-10: 9783319554433<br>1 pc  | CSD  | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 7,000.00     | 7,000.00   | 0.00         | <a href="#">GUL.ai</a> |
| 50204020 00 | 11 | Data Center Electricity Expense for 1 month   | SSED | Renewal of WET1                 | 2nd Quarter of 2020 | GOP | 200,000.00   | 200,000.00 | 0.00         | SAGAP                  |
| 50211990 00 | 11 | PCB Fabrication of tuner and demodulator boards<br>Number of Designs: 6<br>Layers: 2,4  | SSED | NP-53.9 Small Value Procurement | 2nd Quarter of 2020 | GOP | 60,000.00    | 60,000.00  | 0.00         | RuralSync              |
| 50207020 02 | 11 | ISDB-T Receiver Eval Board<br>Evaluation Board for ISDB-T Receiver<br>Tuner Features:<br>ATSC/QAM, DVB-T2/T/C2/C, ISDB-T/C, DTMB  | SSED | NP-53.9 Small Value Procurement | 2nd Quarter of 2020 | GOP | 55,488.00    | 55,488.00  | 0.00         | RuralSync              |
| 50203990 00 | 11 | 1.00mm copper plate<br>100mm x 100mm x 1.00mm<br>Pure Copper Metal Sheet  | SSED | NP-53.9 Small Value Procurement | 2nd Quarter of 2020 | GOP | 3,840.00     | 3,840.00   | 0.00         | RuralSync              |
| 50604050 03 | 11 | Downconverter   | SSED | Competitive Bidding             | 2nd Quarter of 2020 | GOP | 1,500,000.00 | 0.00       | 1,500,000.00 | Grasped                |
| 50604050 03 | 11 | Spectrum Analyzer   | SSED | Competitive Bidding             | 2nd Quarter of 2020 | GOP | 5,500,000.00 | 0.00       | 5,500,000.00 | Grasped                |
| 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               |
| 50213050 03 | 12 | RAM for upgrade of mobile workstations<br>16GB RAM 2666mhz compatible with ACER Nitro 5   | CSD  | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 40,000.00    | 40,000.00  | 0.00         | Katunog Y2             |

|             |    |   |     |  |                           |     |            |            |      |                    |
|-------------|----|---|-----|--|---------------------------|-----|------------|------------|------|--------------------|
| 50203990 00 | 12 | Alcohol<br>-Isopropyl alcohol<br>-at least 60% solution<br>-packed in gallons   | FAD | NP-53.5 Agency-to-Agency                           | 2nd Quarter of 2020       | GOP | 16,000.00  | 16,000.00  | 0.00 |                    |
| 50203990 00 | 12 | Faceshield<br>-full face shield<br>-anti-fog<br>-latex-free<br>-one size fits all<br>-soft head foam<br>-comfort stretch band<br>-disposable  | FAD | NP-53.5 Agency-to-Agency                           | 2nd Quarter of 2020       | GOP | 31,200.00  | 31,200.00  | 0.00 |                    |
| 50203990 00 | 12 | Disinfectant Spray<br>-aerosol type<br>-net content per can: 400 grams (min)  | FAD | NP-53.5 Agency-to-Agency                           | 2nd Quarter of 2020       | GOP | 6,448.00   | 6,448.00   | 0.00 |                    |
| 50212030 00 | 12 | Extension of Security Services for two (2) months<br>(01 May - 30 June 2020)  | FAD | Extension of Contract for General Support Services | 2nd Quarter of 2020       | GOP | 341,613.62 | 341,613.62 | 0.00 |                    |
| 50213050 02 | 19 | Supply and installation of new compressor and reprocessing of AC system and recharging of refrigerant gas of one (1) unit of 4.0 HP Panasonic brand split type wall-mounted room air conditioner with Model no. CS/CU-PC36JKQ   | FAD | NP-53.9 Small Value Procurement                    | 2nd Quarter of 2020       | GOP | 30,500.00  | 30,500.00  | 0.00 |                    |
| 50213050 02 | 19 | Supply and installation of new capacitor and repair of leak and recharging of refrigerant gas of one (1) unit LG brand split type wall-mounted room air conditioner   | FAD | NP-53.9 Small Value Procurement                    | 2nd Quarter of 2020       | GOP | 8,000.00   | 8,000.00   | 0.00 |                    |
| 50213050 02 | 19 | Supply and installation of new compressor motor and reprocessing of AC system and recharging of refrigerant gas of one (1) unit LG brand split type wall-mounted room air conditioner   | FAD | NP-53.9 Small Value Procurement                    | 2nd Quarter of 2020       | GOP | 15,000.00  | 15,000.00  | 0.00 |                    |
| 50213050 02 | 19 | Repair, rewinding and rebearing of one (1) unit of LG split type air conditioner  | FAD | NP-53.9 Small Value Procurement                    | 2nd Quarter of 2020       | GOP | 7,500.00   | 7,500.00   | 0.00 |                    |
| 50203220 02 | 12 | Toolbox:<br>- Dimension (L x W x H): 19.9 x 12.3 x 9.6 in (505.46 x 312.42 x 243.84 mm)<br>- Weight: 3.27 kg (7.23 lbs)<br>- Removable dividers for customized organization of tools and parts<br>- With easy access to both hand and power tools<br>- Removable lid with side latches for easy connecting and detaching<br>- With lid organizer for small parts and accessories<br><br>Inclusive of all government fees, taxes and duties.<br>Delivery Period: 60 days upon issuance of NTP                                    | RDD | NP-53.9 Small Value Procurement                    | 1st - 2nd Quarter of 2020 | GOP | 12,000.00  | 12,000.00  | 0.00 | EPIIC-GARAGE (GAA) |
| 50203990 00 | 12 | 65L Co-Polymer Container with Lid for 3D Printer consumables (600mm x 460mm x 350mm)  | RDD | NP-53.9 Small Value Procurement                    | 1st Quarter of 2020       | GOP | 5,000.00   | 5,000.00   | 0.00 | EPIIC-GARAGE (GAA) |
| 50203990 00 | 12 | Gallon Storage Zipper Reusable Bags, 26.8cm X 27.3cm (3.78L), 20 bags per pack, for 3D Printer consumables  | RDD | NP-53.9 Small Value Procurement                    | 1st Quarter of 2020       | GOP | 2,000.00   | 2,000.00   | 0.00 | EPIIC-GARAGE (GAA) |
| 50203990 00 | 12 | Nozzles for 3D Printer, 14 pcs per pack:<br>- Material: Copper<br>- Size:<br>a. input diameter: 1.75mm<br>b. output diameter: 0.2mm 0.3mm 0.4mm 0.5mm 0.6mm 0.8mm 1.0mm<br>- must be compatible with Creality 3D Printer<br>- Color: gold<br>- Quantity: 32 pieces<br>- Package include<br>a. 2x 0.2mm Nozzle Print Head<br>b. 2x 0.3mm Nozzle Print Head<br>c. 20x 0.4mm Nozzle Print Head<br>d. 2x 0.5mm Nozzle Print Head<br>e. 2x 0.6mm Nozzle Print Head<br>f. 2x 0.8mm Nozzle Print Head<br>g. 2x 1.0mm Nozzle Print Head | RDD | NP-53.9 Small Value Procurement                    | 1st Quarter of 2020       | GOP | 10,200.00  | 10,200.00  | 0.00 | EPIIC-GARAGE (GAA) |
| 50203990 00 | 12 | Silica Gel Desiccant Absorber for 3D Printer Consumables, 5g, 100 pcs per pack  | RDD | NP-53.9 Small Value Procurement                    | 1st Quarter of 2020       | GOP | 1,000.00   | 1,000.00   | 0.00 | EPIIC-GARAGE (GAA) |
| 50203990 00 | 12 | 1.0 mm Solder Wire Lead Free:<br>- Lead (Pb) free rosin<br>- Components: Sn 96.5%, Ag 3%, Cu 0.5%<br>- Wire diameter: 1.0 mm<br>- Melting point: About 210°C<br>- Weight: 500 g   | RDD | NP-53.9 Small Value Procurement                    | 1st Quarter of 2020       | GOP | 5,500.00   | 5,500.00   | 0.00 | EPIIC-GARAGE (GAA) |
| 50207020 02 | 12 | 100W Attenuator:<br>1. SMA Connector<br>2. 20 dB Fixed Attenuator<br>3. DC - 18000MHz<br>4. 50 Ohm<br>5. 20 W Power Rating<br><br>Inclusive of all government fees, taxes and duties.<br>Delivery Period: 30 days upon issuance of NTP  | RDD | NP-53.9 Small Value Procurement                    | 1st - 2nd Quarter of 2020 | GOP | 24,683.00  | 24,683.00  | 0.00 | EPIIC-GARAGE (GAA) |

|             |    |   |      |                                 |                           |     |            |            |      |                    |
|-------------|----|---|------|---------------------------------|---------------------------|-----|------------|------------|------|--------------------|
| 50207020 02 | 12 | B71 Duplexer:<br>1. LTE Band 71 Duplexer<br>2. 80*160*40mm<br>3. RX: 663-698MHz<br>4. TX: 617-652MHz<br>5. Insertion Loss: max. 1.8dB<br>6. Ripple: 0.8dB<br>7. Isolation: < 50 dB<br>8. VSWR: 1.3<br>9. Power: 20W<br>10. Connector: SMA-F<br>11. Temp.: -30~+70°C<br><br>Inclusive of all government fees, taxes and duties.<br>Delivery Period: 30 days upon issuance of NTP | RDD  | NP-53.9 Small Value Procurement | 1st - 2nd Quarter of 2020 | GOP | 55,900.00  | 55,900.00  | 0.00 | EPIIC-GARAGE (GAA) |
| 50203010 02 | 12 | Ethyl Alcohol, 500 ml   | RDD  | NP-53.5 Agency-to-Agency        | 1st Quarter of 2020       | GOP | 9,000.00   | 9,000.00   | 0.00 | EPIIC-GARAGE (GAA) |
| 50203010 02 | 12 | Battery AA, Dry Cell 2 per pack   | RDD  | NP-53.5 Agency-to-Agency        | 1st Quarter of 2020       | GOP | 8,000.00   | 8,000.00   | 0.00 | EPIIC-GARAGE (GAA) |
| 50203010 02 | 12 | Clip Backfold 19 mm   | RDD  | NP-53.5 Agency-to-Agency        | 1st Quarter of 2020       | GOP | 600.00     | 600.00     | 0.00 | EPIIC-GARAGE (GAA) |
| 50203010 02 | 12 | Clip Backfold 32 mm   | RDD  | NP-53.5 Agency-to-Agency        | 1st Quarter of 2020       | GOP | 1,150.00   | 1,150.00   | 0.00 | EPIIC-GARAGE (GAA) |
| 50203010 02 | 12 | Disinfectant Spray  | RDD  | NP-53.5 Agency-to-Agency        | 1st Quarter of 2020       | GOP | 475.00     | 475.00     | 0.00 | EPIIC-GARAGE (GAA) |
| 50203010 02 | 12 | Envelope, Brown, A4 size  | RDD  | NP-53.5 Agency-to-Agency        | 1st Quarter of 2020       | GOP | 1,350.00   | 1,350.00   | 0.00 | EPIIC-GARAGE (GAA) |
| 50203010 02 | 12 | Copy Paper A4 size 80 gsm   | RDD  | NP-53.5 Agency-to-Agency        | 1st Quarter of 2020       | GOP | 17,300.00  | 17,300.00  | 0.00 | EPIIC-GARAGE (GAA) |
| 50203010 02 | 12 | Toilet Tissue Paper, 2-ply  | RDD  | NP-53.5 Agency-to-Agency        | 1st Quarter of 2020       | GOP | 18,000.00  | 18,000.00  | 0.00 | EPIIC-GARAGE (GAA) |
| 50203010 02 | 12 | Sign Pen, blue, liquid gel, 0.5mm needle tip  | RDD  | NP-53.5 Agency-to-Agency        | 1st Quarter of 2020       | GOP | 8,000.00   | 8,000.00   | 0.00 | EPIIC-GARAGE (GAA) |
| 50203010 02 | 12 | Specialty Board Paper, A4 size; high quality Vellum finish board; plain paperboards suitable for calling cards, invitations, greeting cards, menu etc.; color: white; 10 pieces per pack  | RDD  | NP-53.5 Agency-to-Agency        | 1st Quarter of 2020       | GOP | 5,000.00   | 5,000.00   | 0.00 | EPIIC-GARAGE (GAA) |
| 50203010 02 | 12 | Air Freshener, orange or lemon only   | RDD  | NP-53.5 Agency-to-Agency        | 1st Quarter of 2020       | GOP | 180.00     | 180.00     | 0.00 | EPIIC-GARAGE (GAA) |
| 50203010 02 | 12 | Tape Transparent, 24 mm, roll   | RDD  | NP-53.5 Agency-to-Agency        | 1st Quarter of 2020       | GOP | 130.00     | 130.00     | 0.00 | EPIIC-GARAGE (GAA) |
| 50203010 02 | 12 | Velcro Acrylic Holder back to back A4   | RDD  | NP-53.5 Agency-to-Agency        | 1st Quarter of 2020       | GOP | 700.00     | 700.00     | 0.00 | EPIIC-GARAGE (GAA) |
| 50203010 02 | 12 | Sticky Note, 5x2 inches   | RDD  | NP-53.5 Agency-to-Agency        | 1st Quarter of 2020       | GOP | 6,000.00   | 6,000.00   | 0.00 | EPIIC-GARAGE (GAA) |
| 50203010 02 | 12 | Sticker Paper A4 size, white  | RDD  | NP-53.5 Agency-to-Agency        | 1st Quarter of 2020       | GOP | 3,750.00   | 3,750.00   | 0.00 | EPIIC-GARAGE (GAA) |
| 50203010 02 | 12 | Paper Clip, vinyl/plastic coated, length: 33mm min, wire diameter: 0.79 mm min, total length of wire used: 98mm min, assorted colors, 100 pieces per box, at least 52g  | RDD  | NP-53.5 Agency-to-Agency        | 1st Quarter of 2020       | GOP | 250.00     | 250.00     | 0.00 | EPIIC-GARAGE (GAA) |
| 50203010 02 | 12 | Rags, all cotton, 32 pieces per kilogram min.   | RDD  | NP-53.5 Agency-to-Agency        | 1st Quarter of 2020       | GOP | 165.00     | 165.00     | 0.00 | EPIIC-GARAGE (GAA) |
| 50203010 02 | 12 | Plastic Ruler 12 inches   | RDD  | NP-53.5 Agency-to-Agency        | 1st Quarter of 2020       | GOP | 140.00     | 140.00     | 0.00 | EPIIC-GARAGE (GAA) |
| 50299990 99 | 12 | U-Lift Pallet Jack:<br>- Capacity: 2.5 TONS<br>- Lifting Heights: 685 X 1220 X 80 mm<br>- Roller: Single Roller   | RDD  | NP-53.9 Small Value Procurement | 1st - 2nd Quarter of 2020 | GOP | 19,000.00  | 19,000.00  | 0.00 | EPIIC-GARAGE (GAA) |
| 50204020 00 | 12 | Data Center Electricity Expense for 1 month   | SSED | Renewal of WET1                 | 1st Quarter of 2020       | GOP | 200,000.00 | 200,000.00 | 0.00 | INNOVATE           |
| 50299070 99 | 13 | Subscription to support and maintenance of cloud-based project management tool with 50 licenses   | KMD  | NP-53.9 Small Value Procurement | 2nd Quarter of 2020       | GOP | 238,888.88 | 238,888.88 | 0.00 |                    |
| 50212030 00 | 19 | Provision of Security Services, Five (5) Security Personnel with Supplies, Materials and Equipment (October, 2020 - December 31, 2020)  | FAD  | NP-53.1 Two Failed Biddings     | 3rd - 4th Quarter of 2020 | GOP | 625,000.00 | 625,000.00 | 0.00 |                    |
| 50203990 00 | 13 | Rewear/Washable face mask   | FAD  | NP-53.2 Emergency Cases         | 2nd Quarter of 2020       | GOP | 75,000.00  | 75,000.00  | 0.00 |                    |
| 50203990 00 | 13 | Car Shampoo 1.8L  | FAD  | NP-53.9 Small Value Procurement | 2nd Quarter of 2020       | GOP | 7,200.00   | 7,200.00   | 0.00 |                    |
| 50203990 00 | 13 | Car Air Freshener   | FAD  | NP-53.9 Small Value Procurement | 2nd Quarter of 2020       | GOP | 12,000.00  | 12,000.00  | 0.00 |                    |
| 50203990 00 | 13 | Tire Black  | FAD  | NP-53.9 Small Value Procurement | 2nd Quarter of 2020       | GOP | 4,200.00   | 4,200.00   | 0.00 |                    |
| 50203990 00 | 13 | Wiper Blade for Toyota Innova   | FAD  | NP-53.9 Small Value Procurement | 2nd Quarter of 2020       | GOP | 3,200.00   | 3,200.00   | 0.00 |                    |
| 50203990 00 | 13 | Wiper Blade for Nissan Urvan  | FAD  | NP-53.9 Small Value Procurement | 2nd Quarter of 2020       | GOP | 6,000.00   | 6,000.00   | 0.00 |                    |
| 50203990 00 | 13 | Electric Mosquito Killer  | FAD  | NP-53.9 Small Value Procurement | 2nd Quarter of 2020       | GOP | 5,000.00   | 5,000.00   | 0.00 |                    |
| 50203990 00 | 13 | LED Flood Light<br>40W LED bulb<br>Slim and lightweight design<br>Weatherproof<br>3600-lumen brightness<br>110° beam angle<br>20,000hrs lifespan  | FAD  | NP-53.9 Small Value Procurement | 2nd Quarter of 2020       | GOP | 26,000.00  | 26,000.00  | 0.00 |                    |
| 50203990 00 | 20 | Microfiber Cloth<br>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<br>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"<br>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<br>5 pcs  | FAD  | NP-53.9 Small Value Procurement                    | 4th Quarter of 2020       | GOP | 8,040.00   |            | 0.00 |              |
| 50203990 00 | 20 | LED Bulb 30 Watts<br>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<br>8 pcs   | FAD  | NP-53.9 Small Value Procurement                    | 4th Quarter of 2020       | GOP | 7,104.00   | 7,104.00   | 0.00 |              |
| 50203990 00 | 14 | ISDB-T Receiver Board Components<br>Includes ICs for ISDB-T Receiver<br>Includes Voltage Regulators<br>Includes Passive Components<br>Includes Connectors  | SSED | NP-53.9 Small Value Procurement                    | 2nd Quarter of 2020       | GOP | 15,849.90  | 15,849.90  | 0.00 | RuralSync    |
| 50203990 00 | 14 | 64-bit Single Board Computer<br>- Processor: Broadcom BCM2837 Processor Quad core A53 (ARM v8)<br>64-bit SoC<br>- Memory: 1GB LPDDR2 SDRAM   | SSED | NP-53.9 Small Value Procurement                    | 2nd - 3rd Quarter of 2020 | GOP | 15,000.00  | 15,000.00  | 0.00 | GRASPED      |
| 50203990 00 | 14 | Lead Acid Battery<br>- Valve regulated Lead-Acid Battery (Heavy Duty)<br>- Voltage: 12 V<br>- Capacity: 17Ah<br>- Dimension: 180x77x168(LxWxH)   | SSED | NP-53.9 Small Value Procurement                    | 2nd - 3rd Quarter of 2020 | GOP | 9,000.00   | 9,000.00   | 0.00 | GRASPED      |
| 50203990 00 | 14 | 4G / GSM / GNSS Hat for Raspberry Pi<br>- Standard Raspberry Pi 40PIN GPIO extension header, supports Raspberry Pi series boards, Jetson Nano  | SSED | NP-53.9 Small Value Procurement                    | 2nd - 3rd Quarter of 2020 | GOP | 31,000.00  | 31,000.00  | 0.00 | GRASPED      |
| 50203210 03 | 14 | Action HD Camera with water proof case   | SSED | NP-53.9 Small Value Procurement                    | 2nd - 3rd Quarter of 2020 | GOP | 14,000.00  | 14,000.00  | 0.00 | GRASPED      |
| 50203010 01 | 14 | Micro USB data cable<br>- Port SIZE:8.4 mm (0.33 in) by 2.6 mm (0.10 in).<br>- Length:0.3m   | SSED | NP-53.9 Small Value Procurement                    | 2nd - 3rd Quarter of 2020 | GOP | 2,400.00   | 2,400.00   | 0.00 | GRASPED      |
| 50203010 01 | 14 | 32 Gb SD Card<br>- Memory Capacity: 32GB<br>- Type: MicroSDHC Memory Card<br>- Class: Class 10<br>- Transfer Rate: upto 80MB/s<br>- Waterproof and Shockproof  | SSED | NP-53.9 Small Value Procurement                    | 2nd - 3rd Quarter 2020    | GOP | 2,000.00   | 2,000.00   | 0.00 | GRASPED      |
| 50203210 03 | 14 | Outdoor Camera<br>Sensor: NT99141<br>Lens Size: 1/4 inch<br>Pixel Size: 3.0um X 3.0um<br>image area: 3888 µm x 2430 µm<br>Max. Resolution: 1280(H)X720(V)<br>Compression format: MJPEG / YUV2(YUYV)  | SSED | NP-53.9 Small Value Procurement                    | 2nd - 3rd Quarter of 2020 | GOP | 9,000.00   | 9,000.00   | 0.00 | GRASPED      |
| 50203210 03 | 14 | RGB Camera<br>Image Sensor: Sony IMX219<br>Maximum Photo Resolution: 3280 x 2464 pixel<br>Supported Video Resolution: 1080p30, 720p60 and 640x480p90<br>Physical Dimensions: 25mm x 23mm x 9mm<br>Interface: CSI connector (15cm ribbon cable included)<br>Supported OS: Raspbian (latest version recommended) | SSED | NP-53.9 Small Value Procurement                    | 2nd - 3rd Quarter of 2020 | GOP | 6,500.00   | 6,500.00   | 0.00 | GRASPED      |
| 50205020 01 | 19 | Mobile Internet Plan (Line-only)<br>Data: 4 GB<br>Unli All Net Calls/ Landline Calls<br>Unli All Net Texts<br>Duration: Five Months (August-December 2020)<br>1 lot lot  | SSED | NP-53.9 Small Value Procurement                    | 3rd - 4th Quarter of 2020 | GOP | 12,500.00  | 12,500.00  | 0.00 | SAGAP        |
| 50213050 03 | 14 | 4TB SAS Ent. Hard Disk 3.5" server grade<br>Capacity: 4TB<br>Interface: SAS 512n   | SSED | NP-53.9 Small Value Procurement                    | 2nd Quarter of 2020       | GOP | 31,800.00  | 31,800.00  | 0.00 | SAGAP        |
| 50211990 00 | 14 | Job Order for Rooftop down spout cleaning<br>- Two (2) cleaners for one day only   | FAD  | NP-53.9 Small Value Procurement                    | 3rd Quarter of 2020       | GOP | 2,000.00   | 2,000.00   | 0.00 |              |
| 50212030 00 | 14 | Extension of Security Services (July 1-31 2020)  | FAD  | Extension of Contract for General Support Services | 3rd Quarter of 2020       | GOP | 170,806.81 | 170,806.81 | 0.00 |              |
| 50203990 00 | 14 | Wood Moisture Meter  | RDD  | NP-53.9 Small Value Procurement                    | 1st - 2nd Quarter of 2020 | GOP | 5,500.00   | 5,500.00   | 0.00 | EPIIC-Garage |
| 50203990 00 | 14 | Temperature Sensor   | RDD  | NP-53.9 Small Value Procurement                    | 1st - 2nd Quarter of 2020 | GOP | 24,650.00  | 24,650.00  | 0.00 | EPIIC-Garage |
| 50203990 00 | 14 | Slide Switch Mini  | RDD  | NP-53.9 Small Value Procurement                    | 1st - 2nd Quarter of 2020 | GOP | 123.75     | 123.75     | 0.00 | EPIIC-Garage |
| 50203990 00 | 14 | Linear Voltage Regulator   | RDD  | NP-53.9 Small Value Procurement                    | 1st - 2nd Quarter of 2020 | GOP | 600.00     | 600.00     | 0.00 | EPIIC-Garage |
| 50203990 00 | 14 | Optical Lens   | RDD  | NP-53.9 Small Value Procurement                    | 1st - 2nd Quarter of 2020 | GOP | 589.00     | 589.00     | 0.00 | EPIIC-Garage |
| 50203990 00 | 14 | Bluetooth Development Tool   | RDD  | NP-53.9 Small Value Procurement                    | 1st - 2nd Quarter of 2020 | GOP | 4,950.00   | 4,950.00   | 0.00 | EPIIC-Garage |
| 50203990 00 | 14 | KA 3x8 screw   | RDD  | NP-53.9 Small Value Procurement                    | 1st - 2nd Quarter of 2020 | GOP | 200.00     | 200.00     | 0.00 | EPIIC-Garage |
| 50203990 00 | 14 | KM 3x12 screw  | RDD  | NP-53.9 Small Value Procurement                    | 1st - 2nd Quarter of 2020 | GOP | 200.00     | 200.00     | 0.00 | EPIIC-Garage |
| 50203990 00 | 14 | PA 2x5 screw   | RDD  | NP-53.9 Small Value Procurement                    | 1st - 2nd Quarter of 2020 | GOP | 200.00     | 200.00     | 0.00 | EPIIC-Garage |
| 50203990 00 | 14 | Piezzo Electronic Buzzer 3V  | RDD  | NP-53.9 Small Value Procurement                    | 1st - 2nd Quarter of 2020 | GOP | 1,800.00   | 1,800.00   | 0.00 | EPIIC-Garage |
| 50203990 00 | 14 | nRF52840 Feather   | RDD  | NP-53.9 Small Value Procurement                    | 1st - 2nd Quarter of 2020 | GOP | 37,000.00  | 37,000.00  | 0.00 | EPIIC-Garage |
| 50203990 00 | 14 | 0.66 Soldering Lead  | RDD  | NP-53.9 Small Value Procurement                    | 1st - 2nd Quarter of 2020 | GOP | 350.00     | 350.00     | 0.00 | EPIIC-Garage |



|             |    |  |      |   |                           |     |              |              |              |                |
|-------------|----|--|------|---|---------------------------|-----|--------------|--------------|--------------|----------------|
| 50203990 00 | 14 | CP-2015 Solder Wick  | RDD  | NP-53.9 Small Value Procurement   | 1st - 2nd Quarter of 2020 | GOP | 250.00       | 250.00       | 0.00         | EPIIC-Garage   |
| 50203990 00 | 14 | 500 mAh 3.7 Lithium Battery  | RDD  | NP-53.9 Small Value Procurement   | 1st - 2nd Quarter of 2020 | GOP | 10,000.00    | 10,000.00    | 0.00         | EPIIC-Garage   |
| 50203990 00 | 14 | 900 M-T-B Soldering Tip  | RDD  | NP-53.9 Small Value Procurement   | 1st - 2nd Quarter of 2020 | GOP | 300.00       | 300.00       | 0.00         | EPIIC-Garage   |
| 50203990 00 | 14 | Shrinkable Tube 1.0mm  | RDD  | NP-53.9 Small Value Procurement   | 1st - 2nd Quarter of 2020 | GOP | 16.25        | 16.25        | 0.00         | EPIIC-Garage   |
| 50203990 00 | 14 | Slide Switch Mini  | RDD  | NP-53.9 Small Value Procurement   | 1st - 2nd Quarter of 2020 | GOP | 41.25        | 41.25        | 0.00         | EPIIC-Garage   |
| 50203990 00 | 14 | Logic Level Converter  | RDD  | NP-53.9 Small Value Procurement   | 1st - 2nd Quarter of 2020 | GOP | 2,100.00     | 2,100.00     | 0.00         | EPIIC-Garage   |
| 50203990 00 | 14 | Digital Sensor   | RDD  | NP-53.9 Small Value Procurement   | 1st - 2nd Quarter of 2020 | GOP | 2,254.70     | 2,254.70     | 0.00         | EPIIC-Garage   |
| 50203990 00 | 14 | Laser Diode  | RDD  | NP-53.9 Small Value Procurement   | 1st - 2nd Quarter of 2020 | GOP | 628.06       | 628.06       | 0.00         | EPIIC-Garage   |
| 50203990 00 | 14 | Voltage Regulator<br>865-XC6201P302MR-G<br>MFG Part No: XC6201P302MR-G   | RDD  | NP-53.9 Small Value Procurement   | 1st - 2nd Quarter of 2020 | GOP | 546.00       | 546.00       | 0.00         | EPIIC-Garage   |
| 50203990 00 | 14 | Voltage Regulator<br>579-MCP1702-3002E/TO<br>MFG Part No: MCP1702-3002E/TO   | RDD  | NP-53.9 Small Value Procurement   | 1st - 2nd Quarter of 2020 | GOP | 504.00       | 504.00       | 0.00         | EPIIC-Garage   |
| 50203990 00 | 14 | Corrugated Boxes   | RDD  | NP-53.9 Small Value Procurement   | 1st - 2nd Quarter of 2020 | GOP | 2,800.00     | 2,800.00     | 0.00         | EPIIC-Garage   |
| 50299990 99 | 14 | Freight Cost   | RDD  | NP-53.9 Small Value Procurement   | 1st - 2nd Quarter of 2020 | GOP | 800.00       | 800.00       | 0.00         | EPIIC-Garage   |
| 50299990 99 | 14 | Storage Fee  | RDD  | NP-53.9 Small Value Procurement   | 1st - 2nd Quarter of 2020 | GOP | 576.80       | 576.80       | 0.00         | EPIIC-Garage   |
| 50299050 01 | 14 | Lease of Room Space in a Data Center Facility and Services, including rack cabinet rental CO-LOCATION for 1 month  | SSED | Renewal of Contract of Lease of Real Property per GPPB Resolution 06-2018 dd. 18 May 2018 | 3rd Quarter of 2020       | GOP | 1,849,000.00 | 1,849,000.00 | 0.00         | SAGAP          |
| 50604050 99 | 14 | One (1) Lot Ventilator Validation Systems  | RDD  | NP-53.2 Emergency Cases   | 2nd - 3rd Quarter 2020    | GOP | 4,500,000.00 | 0.00         | 4,500,000.00 | EPIIC_Y2 (GIA) |
| 50203990 00 | 14 | Pin Headers:<br>- Pin Style: Square<br>- Number of Pins: 40<br>- Pin Spacing: 0.1" (2.54 mm)<br>- Pin Length: 11.5 mm  | RDD  | NP-53.9 Small Value Procurement   | 3rd Quarter of 2020       | GOP | 750.00       | 750.00       | 0.00         | EPIIC_Y2 (GIA) |
| 50203990 00 | 14 | Female Pin Header:<br>- Receptacle Style: Square<br>- Number of Pins: 40<br>- Pin Spacing: 0.1" (2.54 mm)<br>- Receptacle Depth: 6 mm  | RDD  | NP-53.9 Small Value Procurement   | 3rd Quarter of 2020       | GOP | 1,250.00     | 1,250.00     | 0.00         | EPIIC_Y2 (GIA) |
| 50203990 00 | 14 | Jumper Wires (M-M, M-F, F-F):<br>- Length: 20cm<br>- 40pcs male to male<br>- 40pcs female to female<br>- 40pcs male to female  | RDD  | NP-53.9 Small Value Procurement   | 3rd Quarter of 2020       | GOP | 2,000.00     | 2,000.00     | 0.00         | EPIIC_Y2 (GIA) |
| 50203990 00 | 14 | Extension Cord:<br>- Maximum Current: 6A<br>- Maximum Power: 1500W<br>- Rated Voltage 127v/220V~250V<br>- Frequency: 50/60hz<br>- Length: 4.5 meter long   | RDD  | NP-53.9 Small Value Procurement   | 3rd Quarter of 2020       | GOP | 275.00       | 275.00       | 0.00         | EPIIC_Y2 (GIA) |
| 50203990 00 | 14 | Universal Socket Adapter:<br>- Voltage Rating: 250VAC<br>- Current Rating: 10A   | RDD  | NP-53.9 Small Value Procurement   | 3rd Quarter of 2020       | GOP | 375.00       | 375.00       | 0.00         | EPIIC_Y2 (GIA) |
| 50203990 00 | 14 | Micro SD:<br>- Memory Capacity: 32GB<br>- Type: MicroSDHC Card<br>- Class: Class 10<br>- Transfer Rate: 48MB/s<br>- Waterproof<br>- Shockproof   | RDD  | NP-53.9 Small Value Procurement   | 3rd Quarter of 2020       | GOP | 1,750.00     | 1,750.00     | 0.00         | EPIIC_Y2 (GIA) |
| 50203990 00 | 14 | Digital Attenuator:<br>1. Evaluation Board for Tunable Attenuator<br>2. SMA Connector<br>3. 0.01 - 4.0 GHz Frequency Range<br>4. 31.75 dB with 0.25dB LSB Attenuation Range<br>5. TTL/CMOS-compatible serial, parallel, or latched parallel control interface<br>6. Single Supply Voltage 3.3V or 5V<br>7. 1.8 - 2.0 dB Insertion Loss @ 0.01 to 1.5 GHz<br>8. On/Off Switching Time 650nS or better | RDD  | NP-53.9 Small Value Procurement   | 3rd Quarter of 2020       | GOP | 16,205.00    | 16,205.00    | 0.00         | EPIIC_Y2 (GIA) |
| 50203990 00 | 14 | 5 inch SMA Cable:<br>1. 5-inch RF Cable<br>2. 0.086" semi-rigid cables<br>3. DC to 18GHz Frequency Range<br>4. 5-inch Length<br>5. 0.06 dB Insertion Loss<br>6. SMA Male Connector<br>7. 50 Ohms   | RDD  | NP-53.9 Small Value Procurement   | 3rd Quarter of 2020       | GOP | 14,865.00    | 14,865.00    | 0.00         | EPIIC_Y2 (GIA) |

|             |    |   |     |                                 |                     |     |          |          |      |                |
|-------------|----|---|-----|---------------------------------|---------------------|-----|----------|----------|------|----------------|
| 50203990 00 | 14 | SMA Adapter F-F:<br>1. Straight SMA-F to SMA-F Coaxial Adapter<br>2. 50 Ohms<br>3. SMA Female to SMA Female<br>4. Style: Straight<br>5. 18 GHz Max Frequency<br>6. Center Contact Plating : Gold<br>7. Center Contact Material: Beryllium Copper<br>8. Body Material: Brass<br>9. Body Finish: Gold   | RDD | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 5,925.00 | 5,925.00 | 0.00 | EPIIC_Y2 (GIA) |
| 50203990 00 | 14 | SMA Adapter Right M-F:<br>1. Right Angle SMA-F to SMA-M Coaxial Adapter<br>2. 50 Ohms<br>3. SMA Female to SMA Male<br>4. Style: Right Angle<br>5. 18 GHz Max Frequency<br>6. Center Contact Plating : Gold<br>7. Center Contact Material: Beryllium Copper<br>8. Body Material: Brass<br>9. Body Finish: Gold   | RDD | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 8,160.00 | 8,160.00 | 0.00 | EPIIC_Y2 (GIA) |
| 50203990 00 | 14 | 20cm Jumper Wires Zipwire Kit:<br>1. 20cm Jumper Wires zipwire kit<br>2. 120 wires assorted color in 1 kit<br>3. 200 mm length<br>4. 40 wires Male to Male Connectors<br>5. 40 wires Male to Female Connectors<br>6. 40 wires Female to Female Connectors<br>7. 28 AWG  | RDD | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 1,211.50 | 1,211.50 | 0.00 | EPIIC_Y2 (GIA) |
| 50203990 00 | 14 | 10cm Jumper Wires Zipwire Kit:<br>1. 10cm Jumper Wires kit<br>2. 120 wires assorted color in 1 kit<br>3. 100 mm length<br>4. 40 wires Male to Male Connectors<br>5. 40 wires Male to Female Connectors<br>6. 40 wires Female to Female Connectors<br>7. 28 AWG  | RDD | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 2,177.00 | 2,177.00 | 0.00 | EPIIC_Y2 (GIA) |
| 50203990 00 | 14 | 8-bit Microcontroller-based Development Board with 32KB Flash Memory:<br>1. Microcontroller Board<br>2. Microcontroller: ATmega328P<br>3. Operating Voltage:5 V<br>4. Input Voltage: 7-12 V<br>5. Input Voltage (limit) : 6-20 V<br>6. Digital I/O pins : 14 (6 PWM output)<br>7. PWM Digital I/O Pins: 6<br>8. Analog Input Pins: 6<br>9. DC Current Per I/O pins: 20mA<br>10. DC Current for 3.3V Pin: 50mA<br>11. Flash Memory : 32 KB (ATmega328P)<br>12. SRAM: 2 KB (ATmega328P)<br>13. EEPROM: 1KB<br>14. Clock Speed: 16 MHz<br>15. Dimensions: 68.6 x 53.4 mm<br>16. Weight: 25 g<br>17. Includes USB Cable         | RDD | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 7,900.00 | 7,900.00 | 0.00 | EPIIC_Y2 (GIA) |
| 50203990 00 | 14 | 8-bit Microcontroller-based Development Board with 256KB Flash Memory:<br>1. Microcontroller Board<br>2. Microcontroller: ATmega2560<br>3. Operating Voltage:5 V<br>4. Input Voltage: 7-12 V<br>5. Input Voltage (limit) : 6-20 V<br>6. Digital I/O pins : 54 (15 PWM output)<br>7. PWM Digital I/O Pins: 15<br>8. Analog Input Pins: 16<br>9. DC Current Per I/O pins: 20mA<br>10. DC Current for 3.3V Pin: 50mA<br>11. Flash Memory : 256 KB (ATmega2560)<br>12. SRAM: 8 KB (ATmega2560)<br>13. EEPROM: 4 KB<br>14. Clock Speed: 16 MHz<br>15. Dimensions: 101.52 x 53.3 mm<br>16. Weight: 37 g<br>17. Includes USB Cable | RDD | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 6,500.00 | 6,500.00 | 0.00 | EPIIC_Y2 (GIA) |

|             |    |   |     |                                 |                     |     |           |           |      |                |
|-------------|----|---|-----|---------------------------------|---------------------|-----|-----------|-----------|------|----------------|
| 50203990 00 | 14 | Heat Shrink Kit:<br>1. Material: Polyolefin<br>2. Shrinkage Ratio: 2:1<br>3. Minimum Shrinkage Temp: ≥84°C<br>4. 80pcs x 1.5 x 45mm Yellow<br>5. 80pcs x 2.0 x 45mm Blue<br>6. 80pcs x 2.0 x 45mm Black<br>7. 60pcs x 3.0 x 45mm Green<br>8. 50pcs x 4.0 x 45mm Red<br>9. 50pcs x 4.0 x 45mm Black<br>10. 30pcs x 5.0 x 45mm Black<br>11. 20pcs x 6.0 x 45mm Yellow<br>12. 20pcs x 8.0 x 45mm Red<br>13. 20pcs x 10.0 x 45mm Green<br>14. 20pcs x 10.0 x 45mm Blue<br>15. 20pcs x 10.0 x 45mm Black | RDD | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 1,500.00  | 1,500.00  | 0.00 | EPIIC_Y2 (GIA) |
| 50203990 00 | 14 | Soldering Iron Kit:<br>1. Power: 60W<br>2. Thermostat range: 220 °C-480 °C<br>3. Includes:<br>a. 5 x 900M-T series tips<br>b. Tweezer<br>c. 08B High rosin flux Tools Soldering iron tip cleaner<br>d. Solder Wire Tube<br>e. Desoldering pump<br>f. 60W Adjustable Soldering Iron<br>g. Carrying Case<br>h. Anti-Static PCB Cleaning Brush   | RDD | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 3,600.00  | 3,600.00  | 0.00 | EPIIC_Y2 (GIA) |
| 50203990 00 | 14 | 0.6mm Soldering Lead:<br>1. 60/40 rosin core solder<br>2. Components: Sn 60%, Pb 40%<br>3. Wire Diameter: 0.6 mm<br>4. Melting point: About 210°C<br>5. Size: Approx. 55 x 55 mm / 2.17" x 2.17"<br>6. Weight: 210 g<br>7. Package: Roll<br>8. Good solderability   | RDD | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 660.00    | 660.00    | 0.00 | EPIIC_Y2 (GIA) |
| 50203990 00 | 14 | 1.0mm Soldering Lead:<br>1. 60/40 rosin core solder<br>2. Components: Sn 60%, Pb 40%<br>3. Wire diameter: 1.0 mm<br>4. Melting point: About 210°C<br>5. Size: Approx. 55 x 55 mm / 2.17" x 2.17"<br>6. Weight: 280 g<br>7. Package: Roll<br>8. Good solderability   | RDD | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 850.00    | 850.00    | 0.00 | EPIIC_Y2 (GIA) |
| 50203990 00 | 14 | Solder Wick:<br>1. Length: approx. 1.5m/5ft<br>2. Width: approx. 2mm/0.07"<br>3. Desoldering braid with no-clean flux<br>4. Pure oxygen-free copper wire  | RDD | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 240.00    | 240.00    | 0.00 | EPIIC_Y2 (GIA) |
| 50203210 13 | 14 | Digital Microscope:<br>1. Pixel: HD 3.6MP CCD<br>2. Display: 4.3 inches HD OLED display.<br>3. Magnification: 1-600X continuous magnification system.<br>4. Object distance: 15mm-- infinity<br>5. With built-in lithium battery. Continuous working for 6 hours  | RDD | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 12,750.00 | 12,750.00 | 0.00 | EPIIC_Y2 (GIA) |
| 50203990 00 | 14 | Straight SMD Tweezer:<br>1. Material: anti-static, anti-magnet, acid corrosion resistant, stainless steel<br>2. Type: Straight<br>3. Dimension:<br>a. Length: 12.5cm-14.4cm<br>b. Thickness: 1.5mm  | RDD | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 102.50    | 102.50    | 0.00 | EPIIC_Y2 (GIA) |
| 50203990 00 | 14 | Angled SMD Tweezer:<br>1. Material: anti-static, anti-magnet, acid corrosion resistant, stainless steel<br>2. Type: Angled<br>3. Dimension:<br>a. Length: 12.5cm-14.4cm<br>b. Thickness: 1.5mm  | RDD | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 102.50    | 102.50    | 0.00 | EPIIC_Y2 (GIA) |
| 50203990 00 | 14 | Flat Squared SMD Tweezer:<br>1. Material: acid resistant, anti-magnetic<br>2. Tip Style: Flat<br>3. Tip Type: Square<br>4. Tip Shape: Angled<br>5. Length: 4.72" (120.0mm)  | RDD | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 1,916.50  | 1,916.50  | 0.00 | EPIIC_Y2 (GIA) |
| 50203210 02 | 14 | Soldering Helping Hand Kit:<br>1. Heavy Aluminum base for easy positioning<br>2. 2 pockets in Aluminum base to hold loose components<br>3. Rubber feet to prevent slipping<br>4. 4 Flexible 12" Arms<br>5. Base Dimensions: 150mm x 100mm x 12mm / 5.9" x 3.9" x 0.5"<br>6. Arm Diameter: 16mm / 0.6"<br>7. Arm Length (including clip): 350mm / 13.8"<br>8. Weight: 470g   | RDD | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 3,850.00  | 3,850.00  | 0.00 | EPIIC_Y2 (GIA) |

|             |    |  |      |   |                           |     |              |              |      |                   |
|-------------|----|--|------|---|---------------------------|-----|--------------|--------------|------|-------------------|
| 50203990 00 | 14 | 20W Attenuator:<br>1. SMA Connector<br>2. 20 dB Fixed Attenuator<br>3. DC - 18000MHz<br>4. 50 Ohm<br>5. 20 W Power Rating  | RDD  | NP-53.9 Small Value Procurement   | 3rd Quarter of 2020       | GOP | 12,544.50    | 12,544.50    | 0.00 | EPIIC_Y2 (GIA)    |
| 50203210 02 | 14 | Component Organizer Unit:<br>1. Drawers: 30<br>2. Case Material: Plastic<br>3. Height: 420mm<br>4. Width: 270mm<br>5. Depth: 130mm<br>6. Drawer Material: Plastic<br>7. Colour: Preferably Black<br>8. Wall Mounted  | RDD  | NP-53.9 Small Value Procurement   | 3rd Quarter of 2020       | GOP | 12,500.00    | 12,500.00    | 0.00 | EPIIC_Y2 (GIA)    |
| 50203210 02 | 14 | Hand Tap Set:<br>1. Set Type: Hand Tap<br>2. Maximum Tap Size: M12<br>3. Minimum Tap Size: M3<br>4. Number of Pieces: 22<br>5. Material: HSS<br>6. Set Contents:<br>a. Taper Taps: M3, M4, M5, M6, M8, M10, M12<br>b. Second Taps: M3, M4, M5, M6, M8, M10, M12<br>c. Plug Taps: M3, M4, M5, M6, M8, M10, M12<br>d. Tap Wrench<br>7. With metal storage case | RDD  | NP-53.9 Small Value Procurement   | 3rd Quarter of 2020       | GOP | 13,350.00    | 13,350.00    | 0.00 | EPIIC_Y2 (GIA)    |
| 50203990 00 | 14 | Coupler, 15 mm OD, 22 mm ID-Rigid (for Ventilator Validation Systems)  | RDD  | NP-53.2 Emergency Cases   | 2nd - 3rd Quarter of 2020 | GOP | 46,008.00    | 46,008.00    | 0.00 | EPIIC_Y2 (GIA)    |
| 50203990 00 | 14 | Disposable Bacterial Filters (for Ventilator Validation Systems)   | RDD  | NP-53.2 Emergency Cases   | 2nd - 3rd Quarter of 2020 | GOP | 19,524.00    | 19,524.00    | 0.00 | EPIIC_Y2 (GIA)    |
| 50203990 00 | 14 | Tubing, smooth bore, 1.8m (for Ventilator Validation Systems)<br>-Smooth bore tubing for use in 22mm breathing circuits (1.8 meter length, 22mm ID)  | RDD  | NP-53.2 Emergency Cases   | 2nd - 3rd Quarter of 2020 | GOP | 22,320.00    | 22,320.00    | 0.00 | EPIIC_Y2 (GIA)    |
| 50299050 01 | 18 | Warehouse Rental<br>-Storage of scientific equipment<br>-Estimate space for lease: at least 30 sqm warehouse space<br>-Location in proximity to DOST-ASTI in Quezon City<br>-Duration: Lease for 5 months  | SSED | NP-53.10 Lease of Real Property   | 3rd Quarter of 2020       | GOP | 108,000.00   | 108,000.00   | 0.00 | ULAT              |
| 50213050 00 | 15 | Standard Calibration of HP E3631A Power Supply SN: KR94623821  | SSED | NP-53.9 Small Value Procurement   | 3rd Quarter of 2020       | GOP | 3,500.00     | 3,500.00     | 0.00 | SAGAP             |
| 50213050 00 | 15 | Standard Calibration of HP E3631A Power Supply SN: KR94623822  | SSED | NP-53.9 Small Value Procurement   | 3rd Quarter of 2020       | GOP | 3,500.00     | 3,500.00     | 0.00 | SAGAP             |
| 50213050 00 | 15 | Standard Calibration of Power Supply Agilent E3631A SN: MY40001462   | SSED | NP-53.9 Small Value Procurement   | 3rd Quarter of 2020       | GOP | 3,500.00     | 3,500.00     | 0.00 | SAGAP             |
| 50213050 00 | 15 | Standard Calibration of Power Supply Agilent U8032A SN: MY52450001   | SSED | NP-53.9 Small Value Procurement   | 3rd Quarter of 2020       | GOP | 3,500.00     | 3,500.00     | 0.00 | SAGAP             |
| 50213050 00 | 15 | Standard Calibration of Power Supply Agilent E3630A 0E3 SN: LR 38497   | SSED | NP-53.9 Small Value Procurement   | 3rd Quarter of 2020       | GOP | 3,500.00     | 3,500.00     | 0.00 | SAGAP             |
| 50213050 00 | 15 | Standard Calibration of Digital Multimeter Agilent 34401A SN: MY41037604   | SSED | NP-53.9 Small Value Procurement   | 3rd Quarter of 2020       | GOP | 3,500.00     | 3,500.00     | 0.00 | SAGAP             |
| 50213050 00 | 15 | Standard Calibration of Waveform Generator Agilent 33220A SN: MY44000295   | SSED | NP-53.9 Small Value Procurement   | 3rd Quarter of 2020       | GOP | 3,500.00     | 3,500.00     | 0.00 | SAGAP             |
| 50213050 00 | 17 | Standard Calibration of Fluke 5411 Digital Thermometer SN: 96320062  | SSED | NP-53.9 Small Value Procurement   | 3rd Quarter of 2020       | GOP | 1,800.00     | 1,800.00     | 0.00 | SAGAP             |
| 50213050 00 | 15 | Standard Calibration of Jartul JT6321A DC Electronic Load SN: 6321A1425120   | SSED | NP-53.9 Small Value Procurement   | 3rd Quarter of 2020       | GOP | 3,500.00     | 3,500.00     | 0.00 | SAGAP             |
| 50213050 00 | 15 | Standard Calibration of Digital Oscilloscope Agilent DS07054A SN: MY48250026   | SSED | NP-53.9 Small Value Procurement   | 3rd Quarter of 2020       | GOP | 3,500.00     | 3,500.00     | 0.00 | SAGAP             |
| 50213050 00 | 15 | Standard Calibration of Milliamp Process Clamp Meter FLUKE 771 SN: 99660037  | SSED | NP-53.9 Small Value Procurement   | 3rd Quarter of 2020       | GOP | 2,500.00     | 2,500.00     | 0.00 | SAGAP             |
| 50213050 00 | 15 | Standard Calibration of Milliamp Process Clamp Meter FLUKE 771 SN: 17400160  | SSED | NP-53.9 Small Value Procurement   | 3rd Quarter of 2020       | GOP | 2,500.00     | 2,500.00     | 0.00 | SAGAP             |
| 50213050 00 | 15 | Standard Calibration of Laser Distance Meter FLUKE 416D SN: 612543847  | SSED | NP-53.9 Small Value Procurement   | 3rd Quarter of 2020       | GOP | 6,020.00     | 6,020.00     | 0.00 | SAGAP             |
| 50213050 00 | 15 | Standard Calibration of Dry-well Calibrator FLUKE 9102S SN: A96582   | SSED | NP-53.9 Small Value Procurement   | 3rd Quarter of 2020       | GOP | 3,500.00     | 3,500.00     | 0.00 | SAGAP             |
| 50213050 00 | 15 | Standard Calibration of Pressure Calibrator Fluke 718-300G SN: 1441143   | SSED | NP-53.9 Small Value Procurement   | 3rd Quarter of 2020       | GOP | 5,500.00     | 5,500.00     | 0.00 | SAGAP             |
| 50203990 00 | 15 | Wideband frequency up/down converter and signal generator module<br>RF input frequency: 30 MHz-6 GHz   | SSED | NP-53.9 Small Value Procurement   | 3rd Quarter of 2020       | GOP | 29,800.00    | 29,800.00    | 0.00 | SAGAP             |
| 50203990 00 | 15 | SPDT RF Switch Evaluation Board<br>0.1 to 6.0 GHz  | SSED | NP-53.9 Small Value Procurement   | 3rd Quarter of 2020       | GOP | 18,000.00    | 18,000.00    | 0.00 | SAGAP             |
| 50203990 00 | 15 | Low-current Receiver Evaluation Board<br>Frequency range: 868 MHz  | SSED | NP-53.9 Small Value Procurement   | 3rd Quarter of 2020       | GOP | 8,000.00     | 8,000.00     | 0.00 | SAGAP             |
| 50299050 01 | 16 | Lease of Room Space in a Data Center Facility and Services, including rack cabinet rental CO-LOCATION for 2 months   | SSED | Renewal of Contract of Lease of Real Property per GPPB Resolution 06-2018 dd. 18 May 2018 | 3rd Quarter of 2020       | GOP | 3,698,000.00 | 3,698,000.00 | 0.00 | SAR with AIS (Y3) |
| 50211990 00 | 17 | Psychological Exam<br>-1 lot<br>-For third level positions<br>-Tentative schedule of exam: August 24-26, 2020<br>-Release of results within 15 days<br>-VAT inclusive  | OD   | NP-53.9 Small Value Procurement   | 3rd Quarter of 2020       | GOP | 100,000.00   | 100,000.00   | 0.00 | HR                |

|             |    |  |      |                                 |                           |     |            |           |            |           |
|-------------|----|--|------|---------------------------------|---------------------------|-----|------------|-----------|------------|-----------|
| 50299010 00 | 17 | Newspaper Posting<br>-Job vacancy advertisement<br>-3 column x 15<br>-Gray scale<br>-for the hiring of Director IV of DOST-ASTI  | OD   | NP-53.9 Small Value Procurement | 3rd Quarter of 2020       | GOP | 10,000.00  | 10,000.00 | 0.00       | HR        |
| 50203990 00 | 17 | Voice Coil<br>2 pcs.<br>Model No. 2412H<br>Compatible to JBL Eon 1500 speakers   | KMD  | NP-53.9 Small Value Procurement | 3rd Quarter of 2020       | GOP | 4,600.00   | 4,600.00  | 0.00       |           |
| 50203990 00 | 17 | Fabric Protector Spray 600cc<br>1 pc   | FAD  | NP-53.9 Small Value Procurement | 3rd Quarter of 2020       | GOP | 1,000.00   | 1,000.00  | 0.00       |           |
| 50213060 01 | 17 | Tires for Nissan Urvan<br>SP-175 tubeless<br>4 pcs   | FAD  | NP-53.9 Small Value Procurement | 3rd Quarter of 2020       | GOP | 32,000.00  | 32,000.00 | 0.00       |           |
| 50213060 01 | 17 | Tires for Innova<br>205/65 R15 99H<br>Tubeless<br>2 pcs  | FAD  | NP-53.9 Small Value Procurement | 3rd Quarter of 2020       | GOP | 12,000.00  | 12,000.00 | 0.00       |           |
| 50203990 00 | 17 | Multi-purpose Lubricant, Digreaser and Rust Removal 14oz.<br>3 pcs   | FAD  | NP-53.9 Small Value Procurement | 3rd Quarter of 2020       | GOP | 1,200.00   | 1,200.00  | 0.00       |           |
| 50203990 00 | 17 | Pruning shears<br>- 7 inches<br>1 pc   | FAD  | NP-53.9 Small Value Procurement | 3rd Quarter of 2020       | GOP | 300.00     | 300.00    | 0.00       |           |
| 50203010 02 | 17 | Label Printer Tape<br>62mm W, 30.48 L<br>3 rolls   | FAD  | NP-53.9 Small Value Procurement | 3rd Quarter of 2020       | GOP | 6,900.00   | 6,900.00  | 0.00       |           |
| 50203990 00 | 17 | Toilet Bowl<br>- Replacement of Toilet Bowl in Director's office, OD Pantry, 3rd Flr Male<br>CR, GF Female CR<br>4 pcs   | FAD  | NP-53.9 Small Value Procurement | 3rd Quarter of 2020       | GOP | 36,000.00  | 36,000.00 | 0.00       |           |
| 50207020 02 | 17 | 90W UHF Power Amplifier<br>1 unit<br>Delivery: 30 days upon issuance of PO   | SSED | NP-53.9 Small Value Procurement | 3rd Quarter of 2020       | GOP | 59,400.00  | 59,400.00 | 0.00       | RuralSync |
| 50207020 02 | 17 | 5W UHF Power Amplifier<br>1 unit<br>Delivery: 30 days upon issuance of PO  | SSED | NP-53.9 Small Value Procurement | 3rd Quarter of 2020       | GOP | 18,645.00  | 18,645.00 | 0.00       | RuralSync |
| 50203990 00 | 17 | 8GB Ram Single Board Computer<br>3 units<br>Delivery: 30 days upon issuance of PO  | SSED | NP-53.9 Small Value Procurement | 3rd Quarter of 2020       | GOP | 19,440.00  | 19,440.00 | 0.00       | RuralSync |
| 50203010 01 | 17 | SD card<br>64 GB Micro SD memory storage<br>3 pcs  | SSED | Shopping                        | 3rd Quarter of 2020       | GOP | 2,310.00   | 2,310.00  | 0.00       | RuralSync |
| 50203210 03 | 17 | External Hard Drive<br>Capacity 1TB<br>Interface USB 3.0<br>3 units<br>Delivery: 30 days upon issuance of PO   | SSED | Shopping                        | 3rd Quarter of 2020       | GOP | 11,700.00  | 11,700.00 | 0.00       | RuralSync |
| 50299050 03 | 17 | Vehicle Rental for RuralSync Project Field Survey and Meetings<br>- Tentative Site/s: Region 3 & 4 (Pampanga, Cavite & Batangas)<br>- Tentative No of Days/ trip: max of 2 days per trip<br>- airconditioned van, can accommodate 10 pax<br>-actual location and duration to be provided by end-user | SSED | NP-53.9 Small Value Procurement | 3rd - 4th Quarter of 2020 | GOP | 23,000.00  | 23,000.00 | 0.00       | RuralSync |
| 50207020 02 | 17 | Transmitter Antenna<br>1 lot   | SSED | NP-53.9 Small Value Procurement | 3rd Quarter of 2020       | GOP | 50,000.00  | 50,000.00 | 0.00       | RuralSync |
| 50203990 00 | 17 | Dual Tuner ISDB-T USB Receiver<br>1 set<br>Delivery: 30 days upon issuance of PO   | SSED | NP-53.9 Small Value Procurement | 3rd Quarter of 2020       | GOP | 4,000.00   | 4,000.00  | 0.00       | RuralSync |
| 50203990 00 | 17 | Single Tuner ISDB-T USB Receiver<br>1 set<br>Delivery: 30 days upon issuance of PO   | SSED | NP-53.9 Small Value Procurement | 3rd Quarter of 2020       | GOP | 3,000.00   | 3,000.00  | 0.00       | RuralSync |
| 50606020 00 | 20 | Demodulator License Upgrade<br>1 lot   | SSED | NP-53.9 Small Value Procurement | 3rd Quarter of 2020       | GOP | 700,000.00 | 0.00      | 700,000.00 | PEDRO     |
| 50203990 00 | 17 | Toolset for Antenna Maintenance<br>1 unit  | SSED | NP-53.9 Small Value Procurement | 3rd Quarter of 2020       | GOP | 14,900.00  | 14,900.00 | 0.00       | GRASPED   |
| 50203990 00 | 17 | 12 Piece Chrome Vanadium Steel Spanner Set<br>1 unit   | SSED | NP-53.9 Small Value Procurement | 3rd Quarter of 2020       | GOP | 14,900.00  | 14,900.00 | 0.00       | GRASPED   |
| 50203210 03 | 17 | USB Microscope - 5MP interpolated 220x magnification / 8 LEDs<br>1 unit  | SSED | NP-53.9 Small Value Procurement | 3rd Quarter of 2020       | GOP | 7,500.00   | 7,500.00  | 0.00       | GRASPED   |
| 50203210 03 | 17 | Two way Radio (4 Pcs)<br>1 set   | SSED | NP-53.9 Small Value Procurement | 3rd Quarter of 2020       | GOP | 2,500.00   | 2,500.00  | 0.00       | GRASPED   |
| 50203990 00 | 21 | DLI Kit compatible for Jetson Nano<br>1 unit   | SSED | NP-53.9 Small Value Procurement | 3rd Quarter of 2020       | GOP | 14,900.00  | 14,900.00 | 0.00       | GRASPED   |
| 50203010 01 | 17 | Wall Mount Power Supply 5V 4A<br>5 units   | SSED | NP-53.9 Small Value Procurement | 3rd Quarter of 2020       | GOP | 7,000.00   | 7,000.00  | 0.00       | GRASPED   |
| 50203210 02 | 17 | 10L Wet and Dry Vacuum Cleaner<br>1 unit   | SSED | NP-53.9 Small Value Procurement | 3rd Quarter of 2020       | GOP | 5,000.00   | 5,000.00  | 0.00       | GRASPED   |

|             |    |  |      |                                 |                     |     |            |            |            |              |
|-------------|----|--|------|---------------------------------|---------------------|-----|------------|------------|------------|--------------|
| 50203210 03 | 17 | SDR Active Learning Module Kit<br>2 units  | SSED | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 27,000.00  | 27,000.00  | 0.00       | GRASPED      |
| 50203010 01 | 17 | Embedded Module with Camera for Machine Vision<br>1 unit   | SSED | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 5,200.00   | 5,200.00   | 0.00       | GRASPED      |
| 50203010 01 | 17 | Ultra Wide Angle Lens<br>1 unit  | SSED | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 1,200.00   | 1,200.00   | 0.00       | GRASPED      |
| 50203010 01 | 17 | Quad-band Wired Cellular Antenna SMA<br>4 units  | SSED | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 4,000.00   | 4,000.00   | 0.00       | GRASPED      |
| 50203990 00 | 17 | FPGA Development Kit<br>2 units  | SSED | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 24,000.00  | 24,000.00  | 0.00       | GRASPED      |
| 50207020 02 | 17 | LiDAR Module<br>Measurement range: up to 25m<br>1 set  | SSED | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 44,000.00  | 44,000.00  | 0.00       | SAGAP        |
| 50203990 00 | 17 | Single board computer - 8GB<br>3 sets  | SSED | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 17,096.40  | 17,096.40  | 0.00       | SAGAP        |
| 50203010 01 | 17 | SD Card<br>64GB<br>3 units   | SSED | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 2,145.00   | 2,145.00   | 0.00       | SAGAP        |
| 50203990 00 | 17 | RF Balun Transformer<br>SMT TRANSFORMER 5MHZ-3GHZ<br>10 units  | SSED | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 1,845.00   | 1,845.00   | 0.00       | SAGAP        |
| 50203990 00 | 17 | Various passive electronic components<br>Size: 0402, 0604<br>1 lot   | SSED | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 4,400.00   | 4,400.00   | 0.00       | SAGAP        |
| 50203210 03 | 17 | Rugged External Hard Disk - 1 TB<br>2 units  | SSED | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 18,000.00  | 18,000.00  | 0.00       | SAGAP        |
| 50299050 03 | 17 | Vehicle Rental for Metro Manila (8 days)<br>1 lot  | SSED | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 36,000.00  | 36,000.00  | 0.00       | SAGAP        |
| 50299050 03 | 17 | Vehicle Rental for CALABARZON (6 days)<br>1 lot  | SSED | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 39,000.00  | 39,000.00  | 0.00       | SAGAP        |
| 50299050 03 | 17 | Vehicle Rental for Region 3 (3 days)<br>1 lot  | SSED | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 25,000.00  | 25,000.00  | 0.00       | SAGAP        |
| 50211990 00 | 23 | Penetration Testing<br>1 lot   | SSED | NP-53.9 Small Value Procurement | 4th Quarter of 2020 | GOP | 423,920.00 | 423,920.00 | 0.00       | SAR with AIS |
| 50604050 03 | 17 | Network Server<br>1 unit   | SSED | NP-53.9 Small Value Procurement | 4th Quarter of 2020 | GOP | 100,000.00 | 0.00       | 100,000.00 | SAR with AIS |
| 50211990 00 | 17 | Repair service for the Perimeter Fence<br>Size: Approximately 2x2M   | SSED | NP-53.9 Small Value Procurement | 4th Quarter of 2020 | GOP | 150,000.00 | 150,000.00 | 0.00       | ULAT         |
| 50203990 00 | 17 | Conductive coating<br>Color: Dark Gray<br>1 pc   | SSED | NP-53.9 Small Value Procurement | 4th Quarter of 2020 | GOP | 3,600.00   | 3,600.00   | 0.00       | ULAT         |
| 50203990 00 | 17 | Paint Thinner (16L)<br>2 pcs   | SSED | NP-53.9 Small Value Procurement | 4th Quarter of 2020 | GOP | 7,000.00   | 7,000.00   | 0.00       | ULAT         |
| 50203990 00 | 17 | Cable ties (100 pcs per box)<br>Length: 6in<br>8 boxes   | SSED | NP-53.9 Small Value Procurement | 4th Quarter of 2020 | GOP | 6,400.00   | 6,400.00   | 0.00       | ULAT         |
| 50203990 00 | 17 | Cable ties (100 pcs per box)<br>Length: 12in<br>8 boxes  | SSED | NP-53.9 Small Value Procurement | 4th Quarter of 2020 | GOP | 20,800.00  | 20,800.00  | 0.00       | ULAT         |
| 50203990 00 | 17 | Gray Paint (4L)<br>8 pcs   | SSED | NP-53.9 Small Value Procurement | 4th Quarter of 2020 | GOP | 10,400.00  | 10,400.00  | 0.00       | ULAT         |
| 50203990 00 | 17 | Black PU Adjustable Anti Static Grounding Wrist Band<br>Electricity Bracelet<br>25 pcs   | SSED | NP-53.9 Small Value Procurement | 4th Quarter of 2020 | GOP | 2,250.00   | 2,250.00   | 0.00       | ULAT         |
| 50203990 00 | 17 | Lacquer Thinner (4 Liter)<br>3 pcs   | SSED | NP-53.9 Small Value Procurement | 4th Quarter of 2020 | GOP | 10,500.00  | 10,500.00  | 0.00       | ULAT         |
| 50203990 00 | 17 | Dirt and Stain Remover (250 g)<br>3 pcs  | SSED | NP-53.9 Small Value Procurement | 4th Quarter of 2020 | GOP | 630.00     | 630.00     | 0.00       | ULAT         |
| 50203210 02 | 17 | Cutting Sickle<br>2 pcs  | SSED | NP-53.9 Small Value Procurement | 4th Quarter of 2020 | GOP | 5,800.00   | 5,800.00   | 0.00       | ULAT         |
| 50203990 00 | 17 | Desoldering Pump Tool<br>2 pcs<br>Size: Standard<br>Anti-Static<br>Body Material: Aluminium  | SSED | NP-53.9 Small Value Procurement | 4th Quarter of 2020 | GOP | 4,000.00   | 4,000.00   | 0.00       | ULAT         |
| 50203990 00 | 17 | Anti-rust lubricant 9.03oz<br>12 pcs   | SSED | NP-53.9 Small Value Procurement | 4th Quarter of 2020 | GOP | 5,400.00   | 5,400.00   | 0.00       | ULAT         |
| 50203990 00 | 17 | ARM Development Board Kit<br>3 kits<br>STM32F746ZGT6 216MHz Cortex-M7 core microcontroller with 1MB<br>Flash memory, 320KB SRAM<br>8- to 14-bit parallel camera interface up to 54MB/s<br>Up to 25 serial communication interfaces: USART, IrDA, I <sup>2</sup> C, SPI, LIN,<br>CAN, USB, I <sup>2</sup> S, SDIO, HDMI-CEC, S/PDIF-Rx, Ethernet<br>32.768 KHz crystal oscillator | SSED | NP-53.9 Small Value Procurement | 4th Quarter of 2020 | GOP | 7,710.00   | 7,710.00   | 0.00       | ULAT         |

|             |    |  |      |                                 |                     |     |           |           |      |      |
|-------------|----|--|------|---------------------------------|---------------------|-----|-----------|-----------|------|------|
| 50203990 00 | 17 | ARM Development Board Kit<br>2 kits<br>128-core NVIDIA Maxwell™ GPU<br>Quad-core ARM® A57 CPU<br>4 GB 64-bit LPDDR4<br>10/100/1000BASE-T Ethernet  | SSED | NP-53.9 Small Value Procurement | 4th Quarter of 2020 | GOP | 15,600.00 | 15,600.00 | 0.00 | ULAT |
| 50203990 00 | 17 | ARM Development Board Kit<br>10 kits<br>Power: T-LINK USB VBUS or external sources<br>Debugger/Programmer: ST-LINK/V2-1<br>Flash Memory: 32KB<br>Clock Speed: 32MHz  | SSED | NP-53.9 Small Value Procurement | 4th Quarter of 2020 | GOP | 14,600.00 | 14,600.00 | 0.00 | ULAT |
| 50203990 00 | 17 | In Circuit Debugger/Programmer<br>3 units<br>SWIM Features:<br>• 1.65 to 5.5 V<br>• SWIM low-speed and high-speed modes supported<br>JTAG/SWD Features:<br>• 1.65 to 3.6 V<br>• 5 V tolerant inputs  | SSED | NP-53.9 Small Value Procurement | 4th Quarter of 2020 | GOP | 21,000.00 | 21,000.00 | 0.00 | ULAT |
| 50203990 00 | 17 | Wireless Expansion Board<br>3 pcs<br>Low-power 2.4GHz IEEE 802.11 b/g/n compliant transceiver RF Power C<br>Receiver Sensitivity: -74.5dBm @ 54Mbps OFDM<br>120MHz STM32F439 Cortex-M4F MCU with 2MB Flash memory, 256KB<br>19 x Configurable GPIO pins available        | SSED | NP-53.9 Small Value Procurement | 4th Quarter of 2020 | GOP | 7,050.00  | 7,050.00  | 0.00 | ULAT |
| 50203990 00 | 17 | RTC Module<br>10 pcs<br>Clock chip: high-precision clock chip DS3231<br>Clock Accuracy :0-40 Degree range, the accuracy 2ppm, the error was at<br>Memory chips: AT24C32 (storage capacity 32K)<br>IIC bus interface, the maximum transmission speed of 400KHz (working v | SSED | NP-53.9 Small Value Procurement | 4th Quarter of 2020 | GOP | 1,500.00  | 1,500.00  | 0.00 | ULAT |
| 50203990 00 | 17 | Comparator Module<br>10 pcs<br>Form Factor: LM393 Extension Module   | SSED | NP-53.9 Small Value Procurement | 4th Quarter of 2020 | GOP | 1,700.00  | 1,700.00  | 0.00 | ULAT |
| 50203990 00 | 17 | Comparator Module<br>10 pcs<br>Type: Voltage Regulator<br>Application: Computer<br>Supply Voltage: 3.3 -5V<br>Form Factor: LM393 Extension Module  | SSED | NP-53.9 Small Value Procurement | 4th Quarter of 2020 | GOP | 650.00    | 650.00    | 0.00 | ULAT |
| 50203990 00 | 17 | Comparator Module<br>10 pcs<br>Form Factor: LM393 Extension Module   | SSED | NP-53.9 Small Value Procurement | 4th Quarter of 2020 | GOP | 2,800.00  | 2,800.00  | 0.00 | ULAT |
| 50203990 00 | 17 | Transimpedance Amplifier Module<br>6 pcs<br>Bandwidth: 240MHz<br>Output: Differential PWM: 500ps RT/FT: 1.5ns<br>Power Consumption: 5V, 25mA<br>Peak Input Current: 350uA  | SSED | NP-53.9 Small Value Procurement | 4th Quarter of 2020 | GOP | 13,500.00 | 13,500.00 | 0.00 | ULAT |
| 50203990 00 | 17 | Signal Amplifier Module<br>10 pcs<br>Input voltage: 3-12VDC. (Bulk purchase can be customized)<br>Signal input voltage: 100uV - 300mV<br>Signal output range: ± (Vin-2V)<br>Common mode rejection ratio: 100 dB Offset   | SSED | NP-53.9 Small Value Procurement | 4th Quarter of 2020 | GOP | 3,500.00  | 3,500.00  | 0.00 | ULAT |
| 50203990 00 | 17 | Development Board<br>1 pc<br>LTC4162 Battery Charger Power Management Evaluation Board for Li-Io   | SSED | NP-53.9 Small Value Procurement | 4th Quarter of 2020 | GOP | 14,000.00 | 14,000.00 | 0.00 | ULAT |
| 50203990 00 | 17 | FPGA Starter Kit<br>4 kits<br>153 maximum FPGA I/O pins<br>Memory Devices<br>• 32MB SDRAM<br>• 2KB I2C EEPROM<br>G-sensor<br>• ADI ADXL345, 3-axis accelerometer with 13-bit resolution  | SSED | NP-53.9 Small Value Procurement | 4th Quarter of 2020 | GOP | 40,000.00 | 40,000.00 | 0.00 | ULAT |
| 50203990 00 | 17 | 16-bit ADC module<br>3 pcs<br>WIDE SUPPLY RANGE: 2.0V to 5.5V<br>LOW CURRENT CONSUMPTION: Continuous Mode: Only 150µA Single<br>PROGRAMMABLE DATA RATE: 8SPS to 860SPS   | SSED | NP-53.9 Small Value Procurement | 4th Quarter of 2020 | GOP | 2,400.00  | 2,400.00  | 0.00 | ULAT |
| 50203990 00 | 17 | 24-bit ADC module<br>6 pcs<br>Low current consumption: as low as 120µA in duty cycle mode (typical)<br>Power range: 3 V-5 V<br>Dual matched programmable current source: 10µA to 1.5 mA<br>Internal 2.048-V Reference: 5 ppm/°C (typical) Drift                          | SSED | NP-53.9 Small Value Procurement | 4th Quarter of 2020 | GOP | 4,200.00  | 4,200.00  | 0.00 | ULAT |
| 50203990 00 | 17 | Heat sinks (lot)<br>3 pcs per lot<br>Material: Aluminum<br>Includes: Thermal transfer tape   | SSED | NP-53.9 Small Value Procurement | 4th Quarter of 2020 | GOP | 1,020.00  | 1,020.00  | 0.00 | ULAT |

|             |    |   |      |  |                           |     |            |            |      |                        |
|-------------|----|---|------|--|---------------------------|-----|------------|------------|------|------------------------|
| 50203990 00 | 17 | Paint brush<br>10 pcs<br>Brush Size: Medium<br>Bristle Shape: Flat<br>Brush Diameter or Width: 50mm<br>Angled: No   | SSED | NP-53.9 Small Value Procurement                    | 4th Quarter of 2020       | GOP | 8,000.00   | 8,000.00   | 0.00 | ULAT                   |
| 50203990 00 | 17 | 3-Dimensional Printer PLA Filament Black for prototyping<br>10 rolls  | CSD  | NP-53.9 Small Value Procurement                    | 3rd Quarter of 2020       | GOP | 9,000.00   | 9,000.00   | 0.00 | <a href="#">GUL.ai</a> |
| 50203990 00 | 17 | 3-Dimensional Printer PLA Filament White for prototyping<br>10 rolls  | CSD  | NP-53.9 Small Value Procurement                    | 3rd Quarter of 2020       | GOP | 9,000.00   | 9,000.00   | 0.00 | <a href="#">GUL.ai</a> |
| 50203990 00 | 17 | 3-Dimensional Printer PLA Filament Transparent for prototyping<br>10 rolls  | CSD  | NP-53.9 Small Value Procurement                    | 3rd Quarter of 2020       | GOP | 9,000.00   | 9,000.00   | 0.00 | <a href="#">GUL.ai</a> |
| 50203990 00 | 17 | Standoff M-F Hex Spacers Screw Nut Assortment Kit for Prototyping<br>5 pcs  | CSD  | NP-53.9 Small Value Procurement                    | 3rd Quarter of 2020       | GOP | 1,000.00   | 1,000.00   | 0.00 | <a href="#">GUL.ai</a> |
| 50203990 00 | 17 | Side Cutter for Prototyping<br>2 pcs  | CSD  | NP-53.9 Small Value Procurement                    | 3rd Quarter of 2020       | GOP | 300.00     | 300.00     | 0.00 | <a href="#">GUL.ai</a> |
| 50203990 00 | 17 | Heat Shrink Tubing Insulation Wire Cable Sleeve Kit for Prototyping<br>3pcs   | CSD  | NP-53.9 Small Value Procurement                    | 3rd Quarter of 2020       | GOP | 1,080.00   | 1,080.00   | 0.00 | <a href="#">GUL.ai</a> |
| 50203990 00 | 17 | Thermoelectric Peltier Cooling System with Heatsink Kit for Prototyping<br>10 pcs   | CSD  | NP-53.9 Small Value Procurement                    | 3rd Quarter of 2020       | GOP | 5,600.00   | 5,600.00   | 0.00 | <a href="#">GUL.ai</a> |
| 50203990 00 | 17 | USB C Power Adapter for Prototyping<br>4 pcs  | CSD  | NP-53.9 Small Value Procurement                    | 3rd Quarter of 2020       | GOP | 2,800.00   | 2,800.00   | 0.00 | <a href="#">GUL.ai</a> |
| 50203990 00 | 17 | Aluminum Heatsink Case with Dual Fan For Prototyping<br>4 pcs   | CSD  | NP-53.9 Small Value Procurement                    | 3rd Quarter of 2020       | GOP | 3,600.00   | 3,600.00   | 0.00 | <a href="#">GUL.ai</a> |
| 50203990 00 | 17 | Peristaltic Pump for Prototyping<br>10 ppcs   | CSD  | NP-53.9 Small Value Procurement                    | 3rd Quarter of 2020       | GOP | 9,000.00   | 9,000.00   | 0.00 | <a href="#">GUL.ai</a> |
| 50203990 00 | 17 | Silicone Tube for Prototyping<br>10 pcs   | CSD  | NP-53.9 Small Value Procurement                    | 3rd Quarter of 2020       | GOP | 2,500.00   | 2,500.00   | 0.00 | <a href="#">GUL.ai</a> |
| 50203990 00 | 17 | Angled Tweezer for Prototyping<br>2 pcs   | CSD  | NP-53.9 Small Value Procurement                    | 3rd Quarter of 2020       | GOP | 400.00     | 400.00     | 0.00 | <a href="#">GUL.ai</a> |
| 50203990 00 | 17 | Motor Driver for Prototyping<br>5 pcs   | CSD  | NP-53.9 Small Value Procurement                    | 3rd Quarter of 2020       | GOP | 1,250.00   | 1,250.00   | 0.00 | <a href="#">GUL.ai</a> |
| 50203990 00 | 17 | Logic Level Converter Bi-directional for Prototyping<br>5 pcs   | CSD  | NP-53.9 Small Value Procurement                    | 3rd Quarter of 2020       | GOP | 500.00     | 500.00     | 0.00 | <a href="#">GUL.ai</a> |
| 50203990 00 | 18 | PIC24FJ256GA7 Development Board<br>5 units  | RDD  | NP-53.9 Small Value Procurement                    | 3rd Quarter of 2020       | GOP | 10,000.00  | 10,000.00  | 0.00 | EPIC P2                |
| 50203990 00 | 18 | STM32L562E-DK Discovery Kit<br>5 units  | RDD  | NP-53.9 Small Value Procurement                    | 3rd Quarter of 2020       | GOP | 32,500.00  | 32,500.00  | 0.00 | EPIC P2                |
| 50203990 00 | 18 | PIC32MZ EF 2.0 Development Board<br>5 units   | RDD  | NP-53.9 Small Value Procurement                    | 3rd Quarter of 2020       | GOP | 22,500.00  | 22,500.00  | 0.00 | EPIC P2                |
| 50203990 00 | 18 | IoT Development Kit<br>- System on Chip: 4 cores, 4 threads, 2MB level 2 cache<br>- Vision Processing Unit (VPU): with dedicated neural compute engine<br>- Graphics: integrated<br>- System memory: 8 GB LPDDR4<br>- Storage capacity: 64GB eMMC<br>- Ports:<br>a. USB2 x 4<br>b. USB3 x 1<br>c. Ethernet: 1Gb RJ-45 x 2<br>-5 units   | RDD  | NP-53.9 Small Value Procurement                    | 3rd Quarter of 2020       | GOP | 60,000.00  | 60,000.00  | 0.00 | EPIC P2                |
| 50203990 00 | 18 | One (1) lot Assorted Resistors includes:<br>I. SMD Resistors, Thick Film 0805, 120 Values / 18,090-Pieces<br>II. Carbon Film Resistors, 0207, 120 Values / 2,340-Pieces<br>III. Power Resistors, 0309 with Metalfilm and Metaloxide Element, 48 Values / 810-Pieces<br>IV. Resistor Kit, 0603 1% Metal Film E24, 120 Values / 18,100-Pieces<br>V. SMD Resistors, Thick Film 0402 168 Values / 15,120 Pieces | RDD  | NP-53.9 Small Value Procurement                    | 3rd Quarter of 2020       | GOP | 70,000.00  | 70,000.00  | 0.00 | EPIC P2                |
| 50212030 00 | 18 | Extension of Security Services (August 1-31, 2020)  | FAD  | Extension of Contract for General Support Services | 3rd Quarter of 2020       | GOP | 170,806.81 | 170,806.81 | 0.00 |                        |
| 50203990 00 | 19 | Soldering<br>-Tip/Nozzle Width: 1.6mm<br>-5 pcs   | RDD  | NP-53.9 Small Value Procurement                    | 1st - 2nd Quarter of 2020 | GOP | 2,500.00   | 2,500.00   | 0.00 | EPIC GARAGE            |
| 50203990 00 | 19 | Soldering<br>-Tip Chisel: 2 x 22.5mm<br>-5 pcs  | RDD  | NP-53.9 Small Value Procurement                    | 1st - 2nd Quarter of 2020 | GOP | 3,000.00   | 3,000.00   | 0.00 | EPIC GARAGE            |
| 50203990 00 | 19 | Replacement Tip Enclosure<br>-Item Weight: 0.32 ounces<br>-Dimension: 1 x 1 x 1 in<br>-5 pcs  | RDD  | NP-53.9 Small Value Procurement                    | 1st - 2nd Quarter of 2020 | GOP | 1,250.00   | 1,250.00   | 0.00 | EPIC GARAGE            |
| 50215010 01 | 19 | FDA application and unit testing fee for Thermal Scanner<br>-3 lots   | RDD  | NP-53.9 Small Value Procurement                    | 3rd Quarter of 2020       | GOP | 24,000.00  | 24,000.00  | 0.00 | EPIC GARAGE            |



|             |    |   |      |                                 |                     |     |            |            |      |           |
|-------------|----|---|------|---------------------------------|---------------------|-----|------------|------------|------|-----------|
| 50211990 00 | 19 | Fabrication and Assembly of Printed Circuit Boards<br>Includes Board Assembly<br>Includes Sourcing of 240 sets of Components<br>Includes Stencil<br>Delivery: 30 Days upon issuance of PO<br>1 lot  | SSED | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 174,000.00 | 174,000.00 | 0.00 | RuralSync |
| 50203990 00 | 19 | Automated Rain Gauge Station<br><br>Inclusions:<br>1 tipping bucket with cable<br>1 solar panel 30W<br>1 controller box assembly inside Shall store the following:<br>*one-unit datalogger<br>* one-unit lead-acid battery<br>*one-unit solar charge controller<br>*box shall have aluminum backplate to secure all components inside controller box<br>1 lot | SSED | NP-53.9 Small Value Procurement | 4th Quarter of 2020 | GOP | 85,000.00  | 85,000.00  | 0.00 | GRASPED   |
| 50203010 01 | 19 | Headphones with mic usb and audio jack<br>1 pc  | CSD  | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 10,000.00  | 10,000.00  | 0.00 | Gulai     |
| 50203210 03 | 19 | Laptop Docking Station<br>Compatible with LenovoX240<br>1 unit  | KMD  | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 6,100.00   | 6,100.00   | 0.00 |           |
| 50203210 03 | 19 | Laptop Docking Station<br>Compatible with LenovoL380<br>1 unit  | KMD  | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 13,650.00  | 13,650.00  | 0.00 |           |
| 50203210 03 | 19 | Laptop Docking Station<br>Compatible with Lenovo G40<br>1 unit  | KMD  | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 5,761.00   | 5,761.00   | 0.00 |           |
| 50203210 03 | 19 | Laptop Docking Station<br>Compatible with Macbook<br>1 unit   | KMD  | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 5,761.00   | 5,761.00   | 0.00 |           |
| 50207020 02 | 19 | 2D 360 Degree Laser Range Finder - 25M<br>- Note1: to be used for development and prototyping<br>- Note2: to be integrated with other components<br>1 pc  | RDD  | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 40,000.00  | 40,000.00  | 0.00 | AUS       |
| 50207020 02 | 19 | 2D 360 Degree Laser Range Finder - 18M<br>- Note1: to be used for development and prototyping<br>- Note2: to be integrated with other components<br>1 pc  | RDD  | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 30,000.00  | 30,000.00  | 0.00 | AUS       |
| 50207020 02 | 19 | Flight Controller - Advanced<br>- Note1: to be used for development and prototyping<br>- Note2: to be integrated with other components<br>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 | 19 | Universal Power Adapter<br>- Note1: to be used for development and prototyping<br>- Note2: to be integrated with other components<br>4 pcs  | RDD  | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 3,200.00   | 3,200.00   | 0.00 | AUS       |
| 50203990 00 | 19 | USB Charger/Adapter<br>- Note1: to be used for development and prototyping<br>- Note2: to be integrated with other components<br>4 pcs  | RDD  | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 7,000.00   | 7,000.00   | 0.00 | AUS       |
| 50203990 00 | 19 | RFID/NFC Module<br>- Note1: to be used for development and prototyping<br>- Note2: to be integrated with other components<br>3 pcs  | RDD  | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 1,725.00   | 1,725.00   | 0.00 | AUS       |
| 50203990 00 | 19 | Small Footprint RFID/NFC Module<br>- Note1: to be used for development and prototyping<br>- Note2: to be integrated with other components<br>3 pcs  | RDD  | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 1,350.00   | 1,350.00   | 0.00 | AUS       |
| 50203990 00 | 19 | Touchscreen Display Module - 2.4"<br>- Note1: to be used for development and prototyping<br>- Note2: to be integrated with other components<br>2 pcs  | RDD  | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 1,300.00   | 1,300.00   | 0.00 | AUS       |
| 50203990 00 | 19 | Touchscreen Display Module - 3.5"<br>- Note1: to be used for development and prototyping<br>- Note2: to be integrated with other components<br>2 pcs  | RDD  | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 1,700.00   | 1,700.00   | 0.00 | AUS       |
| 50203990 00 | 19 | ZigBee Explorer Board<br>- Note1: to be used for development and prototyping<br>- Note2: to be integrated with other components<br>5 pcs  | RDD  | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 1,700.00   | 1,700.00   | 0.00 | AUS       |
| 50203990 00 | 19 | AC-DC Power Supply - 12V<br>- Note1: to be used for development and prototyping<br>- Note2: to be integrated with other components<br>2 pcs   | RDD  | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 720.00     | 720.00     | 0.00 | AUS       |
| 50203990 00 | 19 | AC-DC Power Supply - 5V<br>- Note1: to be used for development and prototyping<br>- Note2: to be integrated with other components<br>2 pcs  | RDD  | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 660.00     | 660.00     | 0.00 | AUS       |

|             |    |  |     |                                 |                     |     |           |           |      |     |
|-------------|----|--|-----|---------------------------------|---------------------|-----|-----------|-----------|------|-----|
| 50203990 00 | 19 | Exhaust Fan<br>- Note1: to be used for development and prototyping<br>- Note2: to be integrated with other components<br>2 pcs                           | RDD | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 1,900.00  | 1,900.00  | 0.00 | AUS |
| 50203990 00 | 19 | Flexible Air Duct<br>- Note1: to be used for development and prototyping<br>- Note2: to be integrated with other components<br>2 pcs                     | RDD | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 2,400.00  | 2,400.00  | 0.00 | AUS |
| 50203990 00 | 19 | Enclosure Fan - 80mm<br>- Note1: to be used for development and prototyping<br>- Note2: to be integrated with other components<br>5 pcs                  | RDD | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 1,000.00  | 1,000.00  | 0.00 | AUS |
| 50203990 00 | 19 | Dehumidifier<br>- Note1: to be used for development and prototyping<br>- Note2: to be integrated with other components<br>1 pc                           | RDD | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 2,500.00  | 2,500.00  | 0.00 | AUS |
| 50203990 00 | 19 | Humidifier<br>- Note1: to be used for development and prototyping<br>- Note2: to be integrated with other components<br>1 pc                             | RDD | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 875.00    | 875.00    | 0.00 | AUS |
| 50203990 00 | 19 | Pulse Oximeter Sensor Module<br>- Note1: to be used for development and prototyping<br>- Note2: to be integrated with other components<br>1 pc           | RDD | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 320.00    | 320.00    | 0.00 | AUS |
| 50203990 00 | 19 | Filament Dryer<br>- Note1: to be used for development and prototyping<br>- Note2: to be integrated with other components<br>2 pcs                        | RDD | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 10,700.00 | 10,700.00 | 0.00 | AUS |
| 50203990 00 | 19 | Extruder Hot End Kit<br>- Note1: to be used for development and prototyping<br>- Note2: to be integrated with other components<br>1 pc                   | RDD | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 1,575.00  | 1,575.00  | 0.00 | AUS |
| 50203990 00 | 19 | Carbon Brush for Dremel 4000<br>- Note1: to be used for development and prototyping<br>- Note2: Consummable item<br>4 sets                               | RDD | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 2,200.00  | 2,200.00  | 0.00 | AUS |
| 50203990 00 | 19 | Right Angle Attachment for Dremel 4000<br>- Note1: to be used for development and prototyping<br>- Note2: to be integrated with other components<br>1 pc | RDD | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 1,290.00  | 1,290.00  | 0.00 | AUS |
| 50203990 00 | 19 | Mini Saw Attachment for Dremel 4000<br>- Note1: to be used for development and prototyping<br>- Note2: to be integrated with other components<br>1 pc    | RDD | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 1,600.00  | 1,600.00  | 0.00 | AUS |
| 50203990 00 | 19 | Workstation Attachment for Dremel 4000<br>- Note1: to be used for development and prototyping<br>- Note2: to be integrated with other components<br>1 pc | RDD | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 6,500.00  | 6,500.00  | 0.00 | AUS |
| 50203990 00 | 19 | Cut Off Wheel for Dremel 4000 - Plastic<br>- Note1: to be used for development and prototyping<br>- Note2: consummable item<br>1 set                     | RDD | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 680.00    | 680.00    | 0.00 | AUS |
| 50203990 00 | 19 | Cut Off Wheel for Dremel 4000 - Thin Metal<br>- Note1: to be used for development and prototyping<br>- Note2: consummable item<br>1 set                  | RDD | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 680.00    | 680.00    | 0.00 | AUS |
| 50203990 00 | 19 | EZ Lock Starter Kit for Dremel 4000<br>- Note1: to be used for development and prototyping<br>- Note2: consummable item<br>1 set                         | RDD | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 680.00    | 680.00    | 0.00 | AUS |
| 50203990 00 | 19 | Mandrel 402 for Dremel 4000<br>- Note1: to be used for development and prototyping<br>- Note2: consummable item<br>2 pcs                                 | RDD | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 440.00    | 440.00    | 0.00 | AUS |
| 50203990 00 | 19 | Chuck for Dremel 4000<br>- Note1: to be used for development and prototyping<br>- Note2: consummable item<br>1 pc  | RDD | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 800.00    | 800.00    | 0.00 | AUS |
| 50203990 00 | 19 | Quick Change Collet Set for Dremel 4000<br>- Note1: to be used for development and prototyping<br>- Note2: consummable item<br>1 set                     | RDD | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 500.00    | 500.00    | 0.00 | AUS |
| 50203990 00 | 19 | Cut Off Disc for Bosch Cordless Grinder - Metal<br>- Note1: to be used for development and prototyping<br>- Note2: consummable item<br>2 pcs             | RDD | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 1,100.00  | 1,100.00  | 0.00 | AUS |

|             |    |  |     |                                 |                     |     |          |          |      |     |
|-------------|----|--|-----|---------------------------------|---------------------|-----|----------|----------|------|-----|
| 50203990 00 | 19 | Cutting Disc for Bosch Cordless Grinder - Wood<br>- Note1: to be used for development and prototyping<br>- Note2: consummable item<br>3 pcs                                | RDD | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 810.00   | 810.00   | 0.00 | AUS |
| 50203990 00 | 19 | Grinding Disc for Bosch Cordless Grinder<br>- Note1: to be used for development and prototyping<br>- Note2: consummable item<br>4 pcs                                      | RDD | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 240.00   | 240.00   | 0.00 | AUS |
| 50203990 00 | 19 | Rubber Mallet<br>- Note1: to be used for development and prototyping<br>1 pc   | RDD | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 250.00   | 250.00   | 0.00 | AUS |
| 50203990 00 | 19 | Ball Hammer<br>- Note1: to be used for development and prototyping<br>1 pc   | RDD | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 500.00   | 500.00   | 0.00 | AUS |
| 50203990 00 | 19 | Universal Detachable Lens Set<br>- Note1: to be used for development and prototyping<br>- Note2: to be integrated with other components<br>1 set                           | RDD | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 550.00   | 550.00   | 0.00 | AUS |
| 50203990 00 | 19 | Underwater Motor Kit<br>- Note1: to be used for development and prototyping<br>- Note2: to be integrated with other components<br>4 sets                                   | RDD | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 5,800.00 | 5,800.00 | 0.00 | AUS |
| 50203990 00 | 19 | Cooling Fan for Raspberry Pi<br>- Note1: to be used for development and prototyping<br>- Note2: to be integrated with other components<br>2 pcs                            | RDD | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 2,800.00 | 2,800.00 | 0.00 | AUS |
| 50203990 00 | 19 | Aluminum Heatsink Case with Dual Fan For Raspberry Pi 3<br>- Note1: to be used for development and prototyping<br>- Note2: to be integrated with other components<br>2 pcs | RDD | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 1,700.00 | 1,700.00 | 0.00 | AUS |
| 50203990 00 | 19 | Aluminum Heatsink Case with Dual Fan For Raspberry Pi 4<br>- Note1: to be used for development and prototyping<br>- Note2: to be integrated with other components<br>2 pcs | RDD | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 1,900.00 | 1,900.00 | 0.00 | AUS |
| 50203990 00 | 19 | 2.54 Pitch Connector 1x1P Housing<br>- Note1: to be used for development and prototyping<br>- Note2: consummable item<br>4 packs   | RDD | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 400.00   | 400.00   | 0.00 | AUS |
| 50203990 00 | 19 | 2.54 Pitch Connector 1x2P Housing<br>- Note1: to be used for development and prototyping<br>- Note2: consummable item<br>3 packs   | RDD | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 360.00   | 360.00   | 0.00 | AUS |
| 50203990 00 | 19 | 2.54 Pitch Connector 1x3P Housing<br>- Note1: to be used for development and prototyping<br>- Note2: consummable item<br>2 packs   | RDD | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 340.00   | 340.00   | 0.00 | AUS |
| 50203990 00 | 19 | 2.54 Pitch Connector 1x4P Housing<br>- Note1: to be used for development and prototyping<br>- Note2: consummable item<br>2 packs   | RDD | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 340.00   | 340.00   | 0.00 | AUS |
| 50203990 00 | 19 | Temperature/Humidity Sensor Module<br>- Note1: to be used for development and prototyping<br>- Note2: to be integrated with other components<br>3 pcs                      | RDD | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 6,000.00 | 6,000.00 | 0.00 | AUS |
| 50203990 00 | 19 | UV Index Sensor Module<br>- Note1: to be used for development and prototyping<br>- Note2: to be integrated with other components<br>3 pcs                                  | RDD | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 1,590.00 | 1,590.00 | 0.00 | AUS |
| 50203990 00 | 19 | GPS Module<br>- Note1: to be used for development and prototyping<br>- Note2: to be integrated with other components<br>2 pcs  | RDD | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 5,540.00 | 5,540.00 | 0.00 | AUS |
| 50203990 00 | 19 | Development Board - 32-bit<br>- Note1: to be used for development and prototyping<br>- Note2: to be integrated with other components<br>4 pcs                              | RDD | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 5,600.00 | 5,600.00 | 0.00 | AUS |
| 50203990 00 | 19 | Loudness Sensor Module<br>- Note1: to be used for development and prototyping<br>- Note2: to be integrated with other components<br>3 pcs                                  | RDD | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 900.00   | 900.00   | 0.00 | AUS |
| 50203990 00 | 19 | High Dynamic Range Light Sensor Module<br>- Note1: to be used for development and prototyping<br>- Note2: to be integrated with other components<br>3 pcs                  | RDD | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 2,700.00 | 2,700.00 | 0.00 | AUS |

|             |    |  |      |  |                           |     |              |              |            |              |
|-------------|----|--|------|--|---------------------------|-----|--------------|--------------|------------|--------------|
| 50213080 00 | 19 | Replacement and Installation of Water Pump and Elevation of Water Tanks<br>1 lot   | FAD  | NP-53.9 Small Value Procurement                    | 4th Quarter of 2020       | GOP | 750,000.00   | 750,000.00   | 0.00       |              |
| 50604050 02 | 19 | Tablet<br>Processor: Octa-Core 1.8 GHz, 1.6 GHz RAM: 3GB<br>ROM: 32GB<br>Display: 10.1"<br>Camera: 8.0 MP Rear, 5MP Front<br>1 Unit  | FAD  | NP-53.9 Small Value Procurement                    | 3rd Quarter of 2020       | GOP | 17,500.00    | 0.00         | 17,500.00  |              |
| 50213050 03 | 20 | Delivery and Installation of One (1) unit AVR to ASTI Generator Set<br>1 lot   | FAD  | NP-53.9 Small Value Procurement                    | 4th Quarter of 2020       | GOP | 71,500.00    | 71,500.00    | 0.00       |              |
| 50203010 02 | 19 | Bleaching solution<br>Chlorine based<br>12 gal   | FAD  | NP-53.9 Small Value Procurement                    | 3rd Quarter of 2020       | GOP | 3,300.00     | 3,300.00     | 0.00       |              |
| 50203010 02 | 19 | Toilet Tissue Paper 2-ply sheets<br>70 packs   | FAD  | NP-53.5 Agency-to-Agency                           | 3rd Quarter of 2020       | GOP | 6,118.00     | 6,118.00     | 0.00       |              |
| 50203010 02 | 19 | Alcohol<br>-Ethyl, 68%-72%FADs<br>35 gal   | FAD  | NP-53.5 Agency-to-Agency                           | 3rd Quarter of 2020       | GOP | 16,016.00    | 16,016.00    | 0.00       |              |
| 50203010 02 | 19 | Disinfectant Spray<br>-aerosol type<br>50 cans   | FAD  | NP-53.5 Agency-to-Agency                           | 3rd Quarter of 2020       | GOP | 6,448.00     | 6,448.00     | 0.00       |              |
| 50212030 00 | 19 | Extension of Security Services (September 1-30, 2020)<br>1 lot   | FAD  | Extension of Contract for General Support Services | 3rd Quarter of 2020       | GOP | 170,806.81   | 170,806.81   | 0.00       |              |
| 50299070 01 | 20 | Remote Sensing Network Processing Based Subscription<br>Note: 2 licenses<br>Duration: At least five months<br>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<br>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<br>Inclusions<br>Solar Panel Holder<br>Control Box Holder<br>Pole mast<br>Concrete Platform<br>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<br>AC Current (Jaw)<br>Range -999.9 A<br>Resolution -. 0.1 A<br>Accuracy-1.5 % ±5 digits (45 Hz to 400 Hz)<br>1 lot  | SSED | NP-53.9 Small Value Procurement                    | 3rd Quarter of 2020       | GOP | 13,225.79    | 13,225.79    | 0.00       | PEDRO        |
| 50604050 03 | 20 | Laptops<br>Mobile Computers<br>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<br>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<br>range: at least 2200 meters<br>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<br>Capacity: 4TB<br>Interface: SAS 512n<br>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<br>FOLDABLE ADJUSTABLE NOTEBOOK STAND<br>• Anti Slip Silicone - Holds your device very stable<br>• High Quality Aluminum Material<br>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 | 23 | Fabrication of Corner Reflectors<br>1 lot  | SSED | NP-53.9 Small Value Procurement                    | 3rd - 4th Quarter of 2020 | GOP | 704,900.00   | 704,900.00   | 0.00       | SAR with AIS |
| 50299040 00 | 20 | Shipment fee for the delivery of items to Iloilo GRS<br>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<br>- Sign and seal network diagrams, elevation documents, necessary permits for ULAT antenna with the NTC<br>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)<br>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<br>- High pressure washer<br>- Preferably 1200Watts or higher<br>- Preferably PSI 1450 or higher<br>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<br>- 45-60 meters or 2 hoses adjoining with heavy-duty screw-on male and female connectors<br>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<br>Encapsulated Switch Mode Power Supply<br>Input: 80 → 264 V ac<br>Output: 5Vdc, 1A<br>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<br>NTC Thermistors, Miniature Immersion Sensor<br>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<br>Low Power Machine Learning BLE Cortex-M4F<br>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<br>Low-power machine learning BLE-M4F module<br>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<br>LTC4162 Battery Charger Power Management Evaluation Board for Li-Ion<br>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<br>LTC4162 Battery Charger Power Management Evaluation Board for LiFePO4<br>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<br>Bluetooth, WiFi 802.11b/g/n, Bluetooth v4.2 + EDR, Class 1, 2 and 3<br>Transceiver Module 2.4GHz ~ 2.5GHz Integrated, Trace Surface Mount<br>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<br>Universal e-Paper Raw Panel Driver Board, ESP32 WiFi / Bluetooth<br>Wireless<br>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<br>250x122, 2.13inch E-Ink raw display panel<br>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<br>296x128, 2.9inch E-Ink raw display panel<br>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<br>Universal e-Paper Raw Panel Driver HAT<br>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<br>200x200, 1.54inch E-Ink display module<br>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<br>Clear Halogen Free 2:1, Heat Shrink Tubing Kit 3 mm, 3.2 mm, 6.4 mm,<br>9 mm Sleeve Dia. x 100mm Length<br>1 pc   | SSED | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 7,500.00  | 7,500.00  | 0.00 | GRASPED |
| 50203990 00 | 20 | Cable - Heat Shrink Tubing 2mm<br>Clear No 3.2:1, Heat Shrink Tubing 2mm Sleeve Dia. x 1.2m Length<br>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<br>Clear No 3:1, Heat Shrink Tubing 12mm Sleeve Dia. x 4m Length<br>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<br>Nordic Thingy:91 Cellular IoT Prototyping Kit<br>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<br>RF Development Tools LTE IoT click<br>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<br>Colour: Black IP Rating: IP68<br>Material: Polyamide<br>Maximum Cable Diameter: 10mm<br>Maximum Operating Temperature: +100°C<br>Minimum Cable Diameter: 4.5mm<br>Minimum Operating Temperature: -20°C<br>Thread Size: M16<br>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<br>Type: Plug<br>Standard Series, Male Connector & Female Pin<br>Field Installable, 180°<br>Push Lock Type, Solder<br>6Pin, IP68, 125V, 10A<br>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<br>A. Features:<br>1. Automatically puts itself to sleep when not in use<br>2. On/off switch<br>3. Wireless connection up to 10m away<br>4. Without click noise<br>5. Durable build and tactile feedback<br>6. Battery will last up to 24 months<br>7. With soft rubber grip to improve control<br>8. Color: black<br>9. Approx. 90g<br>10. With nano receiver<br>11. With pre-installed battery<br>12. Ultra slim profile<br>13. Compatible with Windows, Mac, Linux and Chrome OS<br>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<br>American Wire Gauge 24<br>Cable Shape Multicore<br>Conductor Material Tinned Copper<br>Conductor Resistance 26 /1000ft<br>Core Strands 7/0.20 mm<br>Cross Sectional Area 0.23 mm <sup>2</sup><br>Drain Wire Yes<br>Fire Behaviour Flame Retardant<br>Insulation Material PVC<br>Length 30m<br>Maximum Operating Temperature +90°C<br>Minimum Bend Radius 10 x D<br>Minimum Operating Temperature -20°C<br>Number of Cores 8<br>Number of Strands 7<br>Outer Diameter 5.56mm<br>Screen Type Aluminium/PET Foil<br>Screened/Unscreened Screened<br>Sheath Colour Black<br>Sheath Material PUR<br>Size of Strands 0.20 mm<br>Voltage Rating 30<br>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<br>Antenna length range: 7"-34"<br>Weight: 25g<br>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<br>Case Dimensions (without lid): 93mm x 63mm x 25mm / 3.7" x 2.5" x 1.0"<br>Lid Thickness: 4mm / 0.2"<br>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<br>-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<br>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<br>4 H-Bridges: TB6612 chipset provides 1.2A per bridge with thermal shutdown protection, internal kickback protection diodes.<br>Can run motors on 4.5VDC to 13.5VDC.<br>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<br>Board Dimensions (w/o components): 65mm x 30.4mm x 8mm / 2.5" x 1.19" x 0.31"<br>Weight: 8.5g / .29oz"<br>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<br>Base: 37mm x 33mm x 3mm / 1.5" x 1.3" x 0.1"<br>Mounting Hole Distances: 30mm x 26mm / 1.2" x 1"<br>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<br>Unassembled HAT dimensions: 65.0mm x 55.0mm x 8.0mm / 2.6" x 2.2" x 0.3"<br>Unassembled HAT weight: 15.3g / 0.5oz<br>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)<br>Frequency<br>Natural Frequency 10Hz<br>Tolerance +/- 2.5%<br>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<br>• compatible with Pi Zero, Pi Zero (W), 3 Model B, 2/3/4 Model B(+), Model B (+), Model B (old)<br>• accommodate 1 vertical Geophone sensor<br>• sampling rate: 100 sps<br>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<br>Impedance 50 ohm<br>Frequency Range 0 – 1 GHz<br>VSWR 1.5 max<br>Return Loss 13.978 dB min.<br>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)<br>Features:<br>Pocket size and light weight<br>Solid aluminum metal case<br>Spectrum Analyzer mode with Peak Max and Hold, Normal, Overwrite and Averaging modes<br>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<br>Product Dimensions: 50.8mm x 23.0mm x 7.2mm / 2.0" x 0.9" x 0.3"<br>Product Weight: 5.6g / 0.2oz<br>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<br>Antenna Style<br>Whip<br>Connector Type<br>SMA<br>Antenna Length<br>216mm<br>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<br>Container Type Case<br>Size / Dimension 19.750" L x 15.530" W (501.65mm x 394.46mm)<br>Height 7.460" (189.48mm)<br>Area (L x W) 307in <sup>2</sup> (1981cm <sup>2</sup> )<br>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<br>comes with 4.7K pullups on I2C<br>Product Dimensions: 16.6mm x 16.5mm x 4.0mm / 0.7" x 0.6" x 0.2"<br>Product Weight: 1.0g / 0.0oz<br>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)<br>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<br>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<br>• Effective Frame Rate: 8.6 Hz (commercial application exportable)<br>• Input Clock: 25-MHz nominal, CMOS IO Voltage Levels<br>• Output Format: User-selectable 14-bit, 8-bit (AGC applied), or 24-bit RGB (AGC and colorization applied)<br>• Pixel Size: 17 µm<br>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<br>• Power Inputs -Micro USB<br>• Maximum Input Voltage (LiPo/H1) -5.5v<br>• Lepton Core Support -Lepton 2.x and 3.x<br>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<br>• Expansion -I2C, UART, GPIO, JTAG<br>• Processor -STM32F412 (1M Flash, 512K RAM)<br>• Thermal Video Outputs -UVC over USB<br>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<br>FOLDABLE ADJUSTABLE NOTEBOOK STAND<br>• Anti Slip Silicone - Holds your device very stable<br>• High Quality Aluminum Material<br>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<br>• Resolution: 3MP<br>• Image Format: 0.5"<br>• Aperture: F1.2<br>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<br>• 12.3 megapixels, 7.9mm sensor diagonal, 1.55µm x 1.55µm pixel size<br>• Output: RAW12/10/8, COMP8<br>• Back focus: Adjustable (12.5mm – 22.4mm)<br>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)<br>Technical Specifications<br>Max Resolutions: 1080p/30fps- 720p/30fps<br>Focus type: autofocus<br>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<br>• Image processor: compatible with Ambarella A12<br>• Image sensor: compatible with Sony IMX 206<br>• Compatibility-Android 5.0/iOS 8.0 and higher<br>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<br>• Size- 4.8 x 2.8 x 1.0 mm<br>• Ranging 0 to 100mm<br>• Compatible with Sparkfun VL6180<br>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<br>• Principle Infrared Time-of-Flight<br>• Range 0.5 m to 60 m<br>• Update Rate: Up to 240 readings per second<br>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<br>• Material-Plastic<br>• Box Type-Tool Box<br>• Length-508mm<br>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<br>• Resolution: 10MP<br>• Image Format: 1"<br>• Aperture: F1.4-16<br>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<br>Resolution: HDMI: 4K / VGA: 1080 P<br>Card Reader: SD/TF Cards<br>Shield: Aluminum foil braid<br>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<br>• CH340C USB-to-Serial interface<br>• Micro-B USB connector for power and programming<br>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<br>Measures 2.0" x 0.9" x 0.28" (51mm x 23mm x 8mm) without headers<br>soldered in<br>Weight 5.5 grams<br>ATmega32u4 @ 8MHz with 3.3V logic/power<br>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)<br>Inclusions:<br>1x RP-SMA (Male) Tilt Swivel 1/2 Wave Whip Antenna<br>1x RP-SMA (Female) JK-IPEX MHF U.FL 1.13 - 100MM<br>1x Mounting Screw Hardware<br>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<br>Type: Connectors<br>• LoRa Module: Compatible with RAK2246 / Semtech SX1308 chip<br>• GPS Module: Compatible with Ublox MAX-7Q GPS module<br>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<br>Converter Sensor Module<br>Low current consumption: as low as 120µA in duty cycle mode (typical)<br>Power range: 3 V-5 V<br>Up to 20 effective resolutions<br>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<br>Height-334mm<br>Width-391mm<br>Depth-197mm<br>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<br>Drawers-6<br>Case Material-PP<br>Height-290mm<br>Width-310mm<br>Depth-180mm<br>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<br>Material-Stainless Steel<br>No. of Pieces-7<br>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<br>Number of Compartments-25<br>Height-81mm<br>Width-457mm<br>Depth-330mm<br>Adjustable Compartments=Yes<br>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)<br>Dimensions: 6.5 x 2.1 x 0.38" (165.1 x 54.29 x 9.68mm)<br>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<br>• 10x Jumper Wire - 2mm 22AWG<br>• 10x Jumper Wire - 5mm 22AWG<br>• 10x Jumper Wire - 7mm 22AWG<br>• 10x Jumper Wire - 10mm 22AWG<br>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<br>• Type: Rechargeable Battery<br>• Capacity: 950 mAh<br>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<br>• Type: Rechargeable Battery<br>• Capacity: 2550mAh<br>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 | USB WiFi (802.11b/g/n) Module with Antenna compatible with Raspberry Pi<br>• Compatible with RTL8192cu Chipset<br>• Antenna Length: 150mm / 5.9"<br>• Sticks out 48mm (1.9") beyond USB port<br>• Weight: 6g<br>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 | LTE / GPS IOT shield compatible with Arduino<br>• 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).<br>• allow an easy integration into compact designs and a seamless drop-in migration from other u-blox cellular module families.<br>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 | LTE Antenna 175mm Duck SMA Male<br>• high-gain duck antenna designed for LTE devices that operate in the 690-960MHz and 1710-2690 MHz bands.<br>• Center Frequency: 690-960/1710-2690 MHz<br>• Polarization: Linear<br>1 unit   | SSED | NP-53.9 Small Value Procurement | 4th Quarter of 2020 | GOP | 900.00    | 900.00    | 0.00 | GRASPED |
| 50203990 00 | 20 | Interface Cable SMA to U.FL<br>• This is a 4" connector cable that interfaces U.FL RF connectors to regular SMA connectors.<br>• Frequency Range:DC-12.4GHz<br>• VSWR:≤1.10+0.02f<br>• Impedance:50 Ω<br>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 | Industrial Multimeter<br>• Multimeter Type-Digital<br>• Absolute Maximum AC Current Measurement-10A ac<br>• Absolute Maximum DC Current Measurement-10A dc<br>• Absolute Maximum DC Voltage Measurement-1000V dc<br>• Absolute Maximum Resistance Measurement-40MΩ<br>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 | 5m Tape Measure, Metric & Imperial<br>• Length-5m<br>• Blade Width-19 mm<br>1 unit  | SSED | NP-53.9 Small Value Procurement | 4th Quarter of 2020 | GOP | 850.00    | 850.00    | 0.00 | GRASPED |
| 50203990 00 | 20 | Velcro, Black Tape, 20mm x 10m<br>• Colour-Black<br>• Width-20mm<br>• Length-10m<br>• Hook Type-Hook & Loop<br>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 | 2.4GHz Dipole Swivel Antenna with RP-SMA - 5dBi<br>• Type: Dipole<br>• Connector: Option<br>• Polarization Linear Vertical<br>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 | 2.4GHz Mini Flexible WiFi Antenna with uFL Connector - 100mm<br>• Operating Range: 2400-2500MHz / 4900-5900MHz<br>• Efficiency: 90%<br>• Bandwidth (VSWR: 2.0 max.) 140 MHz / SWR < 2.0<br>4 units  | SSED | NP-53.9 Small Value Procurement | 4th Quarter of 2020 | GOP | 680.00    | 680.00    | 0.00 | GRASPED |
| 50203990 00 | 20 | Lithium Ion Polymer Battery - 3.7v 2500mAh<br>• Nominal Capacity Minimum: 2375 mAh; Typical 2500 Mah<br>• Nominal Voltage 3.7V<br>• Charging Cut-off Voltage 4.2 V<br>• Discharge Cut-off Voltage 3.0 V<br>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 | 4 Port USB Power Charger<br>• 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.<br>• 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.<br>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 | Extension Cord Set with Individual Switch 6 Gang 1.83 meter wire<br>• 6-gang universal outlet with individual switch<br>• Rigid brass strips for internal connection<br>• Outlets are made of copper material for better grip<br>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 | WiFi Multi-Band Antenna<br>• Internal/External-External<br>• RF Protocols-WiFi, 2G (GSM/GPRS), 3G (UTMS), 4G (LTE)<br>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 | Quad core 64 bit 4GB Embedded Computer<br>• Processor: Compatible with Broadcom BCM2711 Processor Quad core A72 (ARM v8) 64-bit SoC<br>• Memory : at least 4GB LPDDR4 SDRAM<br>• Bluetooth: Bluetooth 5.0<br>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 | 32 Gb SD Card<br>• Memory Capacity: 32GB<br>• Type: MicroSDHC Memory Card<br>• Class: Class 10<br>10 units   | SSED | Shopping                        | 4th Quarter of 2020 | GOP | 3,500.00  | 3,500.00  | 0.00 | GRASPED   |
| 50203990 00 | 20 | Arduino compatible embedded module with Bluetooth Low Energy<br>• BLE module: Compatible with nRF51822 chipset from Nordic<br>• MCU: Compatible with ATSAM21G18 @ 48MHz with 3.3V logic/power<br>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 | Rechargeable 5V Lipo USB Boost @ 1A - 1000C<br>• Synchronous operation.<br>• completely turn off the output 2A internal switch (~2.5A peak limiting) means you can get 1000mA+ from a 3.7V LiPoly/Lion battery.<br>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 | AI HAT for Edge Computing<br>o 1x USB 2.0 Device, Type C(Power and Programming)<br>o 6x Grove Interface: include 1x Digital IO, 1x PWM, 1x I2C, 1x UART, 2x ADC<br>o 1x Power LED, 1x Boot LED(can be used as User LED)<br>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 | ReSpeaker 4-Mic Array compatible with Raspberry Pi<br>• Dimensions-65mm x65mm x9mm<br>• Weight-G.W 38g<br>• Battery-Exclude<br>• MIC-4 analog microphones<br>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 | Doppler Radar 24GHz Transceiver<br>• Transmission Frequency-Min: 24GHz; Typical: 21.125GHz; Max: 24.25GHz<br>• Output Power (EIRP)-7dBm @ 25°C<br>• Update Time-300ms<br>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 | USB Power Adapter<br>• Output Interface: USB<br>• Power Source: USB<br>• Model Number:TK05S<br>• Compatible with: SmartPhone<br>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<br>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<br>Diagonal Viewing Size<br>59.9 cm<br>23.6 inches (23.6-inch wide viewable image size)<br>Panel Type, Surface<br>TN , Anti-Glare with 3H hardness<br>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 | DIGITAL VOICE RECORDER, memory: 4GB (expandable)<br>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<br>Delivery: 30 days upon issuance of NTP<br>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<br>Delivery: 30 days upon issuance of NTP<br>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<br>Delivery: 30 days upon issuance of NTP<br>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<br>Delivery: 30 days upon issuance of NTP<br>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<br>Delivery: 30 days upon issuance of NTP<br>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<br>Delivery: 30 days upon issuance of NTP<br>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<br>Delivery: 30 days upon issuance of NTP<br>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<br>Delivery: 30 days upon issuance of NTP<br>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<br>Delivery: 30 days upon issuance of NTP<br>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<br>Delivery: 30 days upon issuance of NTP<br>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<br>Delivery: 30 days upon issuance of NTP<br>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<br>Delivery: 30 days upon issuance of NTP<br>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<br>Delivery: 30 days upon issuance of NTP<br>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<br>Delivery: 30 days upon issuance of NTP<br>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<br>Delivery: 30 days upon issuance of NTP<br>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<br>Delivery: 30 days upon issuance of NTP<br>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<br>Delivery: 30 days upon issuance of NTP<br>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<br>Delivery: 30 days upon issuance of NTP<br>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<br>Delivery: 30 days upon issuance of NTP<br>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<br>Delivery: 30 days upon issuance of NTP<br>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<br>Delivery: 30 days upon issuance of NTP<br>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<br>Delivery: 30 days upon issuance of NTP<br>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<br>Delivery: 30 days upon issuance of NTP<br>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<br>Delivery: 30 days upon issuance of NTP<br>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<br>Delivery: 30 days upon issuance of NTP<br>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<br>Delivery: 30 days upon issuance of NTP<br>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<br>Delivery: 30 days upon issuance of NTP<br>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<br>Delivery: 30 days upon issuance of NTP<br>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<br>Delivery: 30 days upon issuance of NTP<br>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<br>Delivery: 30 days upon issuance of NTP<br>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<br>Delivery: 30 days upon issuance of NTP<br>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<br>Delivery: 30 days upon issuance of NTP<br>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<br>Delivery: 30 days upon issuance of NTP<br>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<br>Delivery: 30 days upon issuance of NTP<br>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<br>Delivery: 30 days upon issuance of NTP<br>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<br>Delivery: 30 days upon issuance of NTP<br>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%<br>Delivery: 30 days upon issuance of NTP<br>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<br>Delivery: 30 days upon issuance of NTP<br>5 units  | SSED | NP-53.9 Small Value Procurement | 3rd Quarter of 2020 | GOP | 1,690.00   | 1,690.00   | 0.00 | RuralSync |
| 50203010 01 | 20 | Wireless Mouse<br>Color: Black / White<br>Wireless Rechargeable<br>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<br>Widescreen full HD 1080p video capture<br>includes a mini tripod with extendable leg holder<br>USB connector<br>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<br>Dimensions - 36 x 23 x 20 cm<br>15 minutes timer with stay-on feature<br>With thermostat control for more cooking options<br>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)<br>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<br>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<br>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<br>2 pcs   | KMD  | Shopping                        | 4th Quarter of 2020 | GOP | 1,416.00   | 1,416.00   | 0.00 |           |
| 50203010 01 | 20 | USB to SATA Adapter<br>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<br>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<br>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<br>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<br>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<br>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<br>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<br>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<br>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<br>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<br>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<br>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<br>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<br>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"<br>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<br>1 pc   | FAD  | Shopping                        | 4th Quarter of 2020 | GOP | 2,650.83   | 2,650.83   | 0.00 |           |
| 50212990 99 | 20 | Termite Treatment and Control Services<br>1 lot  | FAD  | NP-53.9 Small Value Procurement | 4th Quarter of 2020 | GOP | 50,000.00  | 50,000.00  | 0.00 |           |
| 50203010 02 | 21 | CONFERENCE CHAIRS<br>High-back executive chair, Chrome frame and base,<br>leatherette, color black, minimum seat width: 20<br>inches (50.8 cm), ergonomic, with gas lift, tilting mechanism<br>and<br>caster wheels.<br>85 units | FAD  | NP-53.9 Small Value Procurement | 4th Quarter of 2020 | GOP | 499,800.00 | 499,800.00 | 0.00 |           |

|             |    |  |     |   |                     |     |              |              |              |                   |
|-------------|----|--|-----|---|---------------------|-----|--------------|--------------|--------------|-------------------|
| 50299050 01 | 20 | Lease of Room Space in a Data Center Facility and Services, including Rack Cabinet Rental<br>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<br>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.<br>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<br>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<br>- Note1: to be used for development and prototyping<br>- Note2: to be integrated with other components<br>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<br>- Note1: to be used for development and prototyping<br>- Note2: to be integrated with other components<br>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<br>- Note1: to be used for development and prototyping<br>- Note2: to be integrated with other components<br>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<br>- Note1: to be used for development and prototyping<br>- Note2: to be integrated with other components<br>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<br>- Note1: to be used for development and prototyping<br>- Note2: to be integrated with other components<br>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<br>- Note1: to be used for development and prototyping<br>- Note2: to be integrated with other components<br>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<br>- Note1: to be used for development and prototyping<br>- Note2: to be integrated with other components<br>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<br>- Note1: to be used for development and prototyping<br>- Note2: to be integrated with other components<br>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<br>- Note1: to be used for development and prototyping<br>- Note2: to be integrated with other components<br>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<br>- Note1: to be used for development and prototyping<br>- Note2: to be integrated with other components<br>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<br>- Note1: to be used for development and prototyping<br>- Note2: to be integrated with other components<br>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<br>- Note1: to be used for development and prototyping<br>- Note2: to be integrated with other components<br>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<br>- 10 pcs per pack<br>- Note1: to be used for development and prototyping<br>- Note2: to be integrated with other components<br>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<br>- Note1: to be used for development and prototyping<br>- Note2: to be integrated with other components<br>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<br>- Note1: to be used for development and prototyping<br>- Note2: to be integrated with other components<br>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<br>- Note1: to be used for development and prototyping<br>- Note2: to be integrated with other components<br>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<br>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<br>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<br>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<br>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<br>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<br>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)<br>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<br>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:<br>a.10-piece Breadboard Jumper Wire Kit female-female<br>b.10-piece Breadboard Jumper Wire Kit male-male<br>c.10-piece Breadboard Jumper Wire Kit male-female<br>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 <sup>2</sup> Equipment Wire, 100m<br>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 <sup>2</sup> Equipment Wire, 100m<br>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 <sup>2</sup> Equipment Wire, 100m<br>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 <sup>2</sup> Equipment Wire, 100m<br>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<br>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<br>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<br>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<br>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<br>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<br>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<br>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<br>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<br>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<br>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<br>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<br>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<br>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<br>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<br>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<br>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<br>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<br>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<br>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<br>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<br>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<br>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<br>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<br>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<br>-for design workstations<br>14 pcs  | RDD  | NP-53.9 Small Value Procurement | 3rd - 4th Quarter of 2020 | GOP | 63,000.00    | 63,000.00 | 0.00         |           |
| 50207020 02 | 21 | USB based Modulator<br>Delivery: 30 Days upon issuance of NTP<br>1 set   | SSED | NP-53.9 Small Value Procurement | 4th Quarter of 2020       | GOP | 20,000.00    | 20,000.00 | 0.00         | RuralSync |

|             |    |   |      |                                 |                     |     |              |              |      |          |
|-------------|----|---|------|---------------------------------|---------------------|-----|--------------|--------------|------|----------|
| 50203010 02 | 21 | ALCOHOL<br>- isopropyl, 68%- 72%, 500ml (-5ml)<br>130 bottles   | SSED | NP-53.5 Agency-to-Agency        | 4th Quarter of 2020 | GOP | 16,250.00    | 16,250.00    | 0.00 | GRASPED  |
| 50203010 02 | 21 | PAPER<br>Multi-Purpose (COPY) A4, 70 gsm<br>93 reams  | SSED | NP-53.5 Agency-to-Agency        | 4th Quarter of 2020 | GOP | 18,600.00    | 18,600.00    | 0.00 | GRASPED  |
| 50203010 02 | 21 | TOILET TISSUE PAPER<br>2-ply, 100% recycled<br>17 packs   | SSED | NP-53.5 Agency-to-Agency        | 4th Quarter of 2020 | GOP | 2,380.00     | 2,380.00     | 0.00 | GRASPED  |
| 50203010 02 | 21 | BATTERY<br>dry cell, AAA, 2 pieces per blister pack<br>3 packs  | SSED | NP-53.5 Agency-to-Agency        | 4th Quarter of 2020 | GOP | 300.00       | 300.00       | 0.00 | GRASPED  |
| 50203010 02 | 21 | CLIP, BACKFOLD<br>all metal, clamping: 19mm (-1mm)<br>40 boxes  | SSED | NP-53.5 Agency-to-Agency        | 4th Quarter of 2020 | GOP | 880.00       | 880.00       | 0.00 | GRASPED  |
| 50203010 02 | 21 | CLIP, BACKFOLD<br>all metal, clamping: 25mm (-1mm)<br>9 boxes   | SSED | NP-53.5 Agency-to-Agency        | 4th Quarter of 2020 | GOP | 270.00       | 270.00       | 0.00 | GRASPED  |
| 50203010 02 | 21 | SCISSORS<br>symmetrical, blade length: 65mm min<br>3 pcs  | SSED | NP-53.5 Agency-to-Agency        | 4th Quarter of 2020 | GOP | 180.00       | 180.00       | 0.00 | GRASPED  |
| 50203010 02 | 21 | Clip Backfold 32mm<br>20 boxes  | SSED | NP-53.5 Agency-to-Agency        | 1st Quarter of 2020 | GOP | 447.20       | 447.20       | 0.00 |          |
| 50203010 02 | 21 | Clip Backfold 50mm<br>20 boxes  | SSED | NP-53.5 Agency-to-Agency        | 1st Quarter of 2020 | GOP | 1,092.00     | 1,092.00     | 0.00 |          |
| 50203010 02 | 21 | PENCIL SHARPENER<br>manual, single cutter head<br>1 pc  | SSED | NP-53.5 Agency-to-Agency        | 4th Quarter of 2020 | GOP | 290.00       | 290.00       | 0.00 | GRASPED  |
| 50203010 02 | 21 | TAPE DISPENSER<br>Table Top for 24mm width tape<br>2 pcs  | SSED | NP-53.5 Agency-to-Agency        | 4th Quarter of 2020 | GOP | 220.00       | 220.00       | 0.00 | GRASPED  |
| 50203010 02 | 21 | CALCULATOR<br>compact, 12 digits<br>1 pc  | SSED | NP-53.5 Agency-to-Agency        | 4th Quarter of 2020 | GOP | 430.00       | 430.00       | 0.00 | GRASPED  |
| 50203210 02 | 21 | Outdoor Portable and Foldable Table with 4 seats<br>- heavy duty<br>Delivery: 30 Days upon issuance of NTP<br>1 set   | SSED | NP-53.9 Small Value Procurement | 4th Quarter of 2020 | GOP | 8,000.00     | 8,000.00     | 0.00 | SAGAP    |
| 50203210 02 | 21 | Outdoor Portable and Foldable Plastic stools<br>Delivery: 30 Days upon issuance of NTP<br>3 pcs   | SSED | NP-53.9 Small Value Procurement | 4th Quarter of 2020 | GOP | 5,700.00     | 5,700.00     | 0.00 | SAGAP    |
| 50203990 00 | 21 | SMD Fuse<br>Fuse Type: Resettable Fuse<br>Hold Current: 1A<br>Voltage Rating: 6 VDC Max<br>Trip Current: 1.8A<br>Resistance: 210mOhms<br>Size: 1206(3216)<br>Delivery: 30 Days upon issuance of NTP<br>10 pcs | SSED | NP-53.9 Small Value Procurement | 4th Quarter of 2020 | GOP | 120.00       | 120.00       | 0.00 | SAGAP    |
| 50203990 00 | 21 | External Capacitors<br>24 pF, C0G, 0805, 5%. 250VDC<br>Delivery: 30 Days upon issuance of NTP<br>20 pcs   | SSED | NP-53.9 Small Value Procurement | 4th Quarter of 2020 | GOP | 90.00        | 90.00        | 0.00 | SAGAP    |
| 50203990 00 | 21 | Latching Switch<br>Double Pole Double Throw (DPDT)<br>Contact Current Rating: 100mA<br>Contact DC Voltage Rating: 30V<br>Actuator Type: Plunger<br>Delivery: 30 Days upon issuance of NTP<br>10 pcs           | SSED | NP-53.9 Small Value Procurement | 4th Quarter of 2020 | GOP | 890.00       | 890.00       | 0.00 | SAGAP    |
| 50205040 00 | 21 | Very High Resolution Satellite Images<br>1 lot  | SSED | Competitive Bidding             | 4th Quarter of 2020 | GOP | 4,141,000.00 | 4,141,000.00 | 0.00 | PEDRO    |
| 50205040 00 | 21 | Geospatial Data<br>1 lot  | SSED | Competitive Bidding             | 4th Quarter of 2020 | GOP | 2,349,000.00 | 2,349,000.00 | 0.00 | SAGAP    |
| 50205040 00 | 21 | High Resolution Optical and SAR Direct Reception Imaging Services<br>Direct reception of satellite imagery<br>1 lot   | SSED | Competitive Bidding             | 2nd Quarter of 2020 | GOP | 6,080,000.00 | 6,080,000.00 | 0.00 | SAGAP    |
| 50299070 99 | 21 | Software License – Subscription –<br>Online Meeting and Webinar Platform<br>2 month license Subscription<br>1 lot   | OD   | NP-53.9 Small Value Procurement | 4th Quarter of 2020 | GOP | 8,800.00     | 8,800.00     | 0.00 | CorpComm |
| 50203220 01 | 21 | Filing Cabinet<br>3 units   | OD   | NP-53.9 Small Value Procurement | 4th Quarter of 2020 | GOP | 30,000.00    | 30,000.00    | 0.00 | CorpComm |
| 50205020 01 | 21 | Communication Expenses<br>1 lot   | OD   | NP-53.9 Small Value Procurement | 2nd Quarter of 2020 | GOP | 47,800.00    | 47,800.00    | 0.00 | CorpComm |
| 50203010 02 | 21 | GLUE, all purpose, gross weight: 200 grams min.<br>3 Jars   | OD   | NP-53.5 Agency-to-Agency        | 4th Quarter of 2020 | GOP | 214.50       | 214.50       | 0.00 |          |

|             |    |   |     |                                 |                     |     |            |            |            |
|-------------|----|---|-----|---------------------------------|---------------------|-----|------------|------------|------------|
| 50605040 03 | 21 | Laptop<br>Processor: i7 10th generation (equivalent or better)<br>Memory: at least 16GB DDR4 Storage: at least 256GB NVMe + 1TB HDD<br>6 units  | KMD | Competitive Bidding             | 4th Quarter of 2020 | GOP | 375,000.00 | 0.00       | 375,000.00 |
| 50203010 02 | 21 | Glue<br>2 jars  | KMD | NP-53.5 Agency-to-Agency        | 4th Quarter of 2020 | GOP | 143.00     | 143.00     | 0.00       |
| 50203010 02 | 21 | Clip backfold, 32mm<br>2 boxes  | KMD | NP-53.5 Agency-to-Agency        | 4th Quarter of 2020 | GOP | 109.20     | 109.20     | 0.00       |
| 50202010 02 | 21 | Procurement of training services on ISO 9001:2015 Standard and Internal Auditing<br><br>I. Scope<br>The training courses should aim at (1) providing participants an awareness of the ISO 9001:2015 requirements; and (2) equipping them on how to perform internal audit activities based on ISO 19011:2018. The maximum number of participants for each session is 25, comprising of potential auditors, QMS users and management representatives of DOST-ASTI who may have zero to basic knowledge on said topics.<br>II. Methodology<br>- The speaker/s should be an expert in the field with at least 4 years of experience as a trainer/auditor.<br>- The training provider should be flexible to conduct on-site and off-site training. Should the work-from-home scheme still applies at the agreed time of the training, the training provider should be able to conduct the training online.<br>- To ensure maximum learning experience, lectures and group exercises should be utilized. For the course on auditing, an individual exam should be administered.<br>- Materials such as handouts should be provided. Softcopy and/or printed copies are accepted.<br>- Training certificates should be provided<br>III. Schedule<br>The training is preferred to run in 3-4 consecutive days in the first week of November 2020 or any date within the year as agreed between the provider and the client.<br>1 lot | KMD | NP-53.9 Small Value Procurement | 4th Quarter of 2020 | GOP | 112,000.00 | 112,000.00 | 0.00       |
| 50203010 02 | 21 | GLUE, all purpose, gross weight: 200 grams min, in jar with applicator and cap, free formaldehyde: 0.1% max, adhesive strength: no slippage or pasted part, solid content: 30% min, pH: 4-8, shall not coagulate, separate or discolor during storage<br>2 jars   | KMD | NP-53.5 Agency-to-Agency        | 4th Quarter of 2020 | GOP | 143.00     | 143.00     | 0.00       |
| 50203990 00 | 21 | Folding bed<br>3 pcs  | FAD | NP-53.9 Small Value Procurement | 4th Quarter of 2020 | GOP | 7,500.00   | 7,500.00   | 0.00       |
| 50203990 00 | 21 | Foam Mattress<br>3 pcs  | FAD | NP-53.9 Small Value Procurement | 4th Quarter of 2020 | GOP | 10,800.00  | 10,800.00  | 0.00       |
| 50203990 00 | 21 | Fitted sheet with 2 pillow case<br>Made of poly-cotton<br>Fitted sheet measurements: 39 x 75 in.<br>Pillowcase measurements: 20 x 30 in.<br>3 sets  | FAD | NP-53.9 Small Value Procurement | 4th Quarter of 2020 | GOP | 1,500.00   | 1,500.00   | 0.00       |
| 50203990 00 | 21 | Pillow<br>Cotton blend fabric<br>100% fiber filling<br>Firm<br>Lasting plumpness<br>Hypoallergenic<br>Odorless<br>Resilient<br>Durable<br>Machine washable<br>Prevents the development of odor-causing bacteria and moldiness<br>Measurements: 19 x 28in.<br>3 pcs  | FAD | NP-53.9 Small Value Procurement | 4th Quarter of 2020 | GOP | 1,200.00   | 1,200.00   | 0.00       |
| 50203990 00 | 21 | Fleece Blanket<br>-Size: 50 inches x 60 inches<br>-180GSM<br>-Color: White / Blue<br>3 pcs  | FAD | NP-53.9 Small Value Procurement | 4th Quarter of 2020 | GOP | 750.00     | 750.00     | 0.00       |
| 50203220 01 | 21 | Office Table with 3side drawer and keyboard shelf<br>Melamine board top w/ centralized locking mechanism and scratched resistance<br>Body is made of quality cold rolled steel<br>Thickness: Gauge 22<br>Color: Light gray<br>Size: W24 X L48 X H30 inches<br>1 unit  | FAD | NP-53.9 Small Value Procurement | 4th Quarter of 2020 | GOP | 8,700.00   | 8,700.00   | 0.00       |
| 50203220 01 | 21 | Executive Chair<br>Mid Back<br>Material: Leatherette, Chrome Leg<br>Color: Black<br>1 unit  | FAD | NP-53.9 Small Value Procurement | 4th Quarter of 2020 | GOP | 4,100.00   | 4,100.00   | 0.00       |
| 50203990 00 | 21 | Roof Paint<br>-water-based, 4 liters per can, color: green<br>2 cans  | FAD | NP-53.9 Small Value Procurement | 4th Quarter of 2020 | GOP | 1,420.00   | 1,420.00   | 0.00       |



|             |    |   |     |                                 |                           |     |            |            |      |
|-------------|----|---|-----|---------------------------------|---------------------------|-----|------------|------------|------|
| 50203990 00 | 21 | Paint Brush<br>size: 4 inches<br>2 pcs  | FAD | NP-53.9 Small Value Procurement | 4th Quarter of 2020       | GOP | 530.00     | 530.00     | 0.00 |
| 50203990 00 | 21 | Paint Roller<br>size: 4 inches<br>2 pcs   | FAD | NP-53.9 Small Value Procurement | 4th Quarter of 2020       | GOP | 470.00     | 470.00     | 0.00 |
| 50203990 00 | 21 | Laquer Thinner<br>1 liter per bottle<br>1 blt   | FAD | NP-53.9 Small Value Procurement | 4th Quarter of 2020       | GOP | 165.00     | 165.00     | 0.00 |
| 50203010 02 | 21 | Alcohol<br>-Ethyl, 68%-72%FADs<br>15 gal  | FAD | NP-53.5 Agency-to-Agency        | 4th Quarter of 2020       | GOP | 10,500.00  | 10,500.00  | 0.00 |
| 50203010 02 | 21 | Disinfectant Spray<br>-aerosol type<br>30 cans  | FAD | NP-53.5 Agency-to-Agency        | 4th Quarter of 2020       | GOP | 15,600.00  | 15,600.00  | 0.00 |
| 50213050 02 | 21 | Repair of 1 unit aircon with Prop# OSL-203<br>1 lot   | FAD | NP-53.9 Small Value Procurement | 4th Quarter of 2020       | GOP | 12,850.00  | 12,850.00  | 0.00 |
| 50213050 02 | 21 | Repair of 1 unit aircon with Prop# 00-18-250 001<br>0021-00090<br>1 lot   | FAD | NP-53.9 Small Value Procurement | 4th Quarter of 2020       | GOP | 31,950.00  | 31,950.00  | 0.00 |
| 50213050 02 | 21 | Repair of 1 unit aircon with Prop# 3.3.67<br>1 lot  | FAD | NP-53.9 Small Value Procurement | 4th Quarter of 2020       | GOP | 1,650.00   | 1,650.00   | 0.00 |
| 50203010 02 | 21 | Antibacterial Disinfecting foot bath stomp sanitation<br>Mat<br>- foot bath sanitizing mat with Tray<br>15 pcs  | FAD | NP-53.9 Small Value Procurement | 4th Quarter of 2020       | GOP | 15,000.00  | 15,000.00  | 0.00 |
| 50203010 02 | 21 | Manual Knapsack Sprayer<br>Capacity: 16 L<br>C- an also be use as disinfecting tool<br>S- safety Pressure Release valve<br>A- djustable Spray lance<br>S- uitable for most garden chemicals<br>B- ackpack style shoulder straps for easy to use<br>2 pcs  | FAD | NP-53.9 Small Value Procurement | 4th Quarter of 2020       | GOP | 5,000.00   | 5,000.00   | 0.00 |
| 50213050 03 | 21 | Laptop Screen Replacement<br>Replacement of LCD screen for Acer TravelMate<br>P2510-G2-MG<br>includes parts and installation<br>with at least 90 days warranty.<br>Note:<br>for Property No. 07-19-605-030-00050<br>End-user: Alexis Almasan<br>1 unit    | OD  | NP-53.9 Small Value Procurement | 4th Quarter of 2020       | GOP | 15,000.00  | 15,000.00  | 0.00 |
| 50203990 00 | 21 | Transient Voltage Suppression Diodes<br>50 pcs  | RDD | NP-53.9 Small Value Procurement | 3rd - 4th Quarter of 2020 | GOP | 1,500.00   | 1,500.00   | 0.00 |
| 50213060 01 | 21 | Preventive Maintenance of Toyota Innova with Plate#<br>SjX-794<br>1 lot   | FAD | NP-53.9 Small Value Procurement | 4th Quarter of 2020       | GOP | 30,200.00  | 30,200.00  | 0.00 |
| 50213050 02 | 22 | Diagnostic Testing using tool kit for Synchro Panel<br>and Computer Box<br>- inspection of software program for FG Wilson<br>Diesel Electric Generating Set (Powered By<br>Perkins Industrial Engine) - 200KW/250KVA 3HP<br>230V 60hz<br>1800RPM<br>1 lot | FAD | Shopping (A)                    | 4th Quarter of 2020       | GOP | 22,000.00  | 22,000.00  | 0.00 |
| 50213080 01 | 22 | Replacement and Installation of Water Pump and<br>Elevation of Water Tanks<br>1 lot   | FAD | Competitive Bidding             | 4th Quarter of 2020       | GOP | 750,000.00 | 750,000.00 | 0.00 |
| 50203010 02 | 22 | Toilet Tissue Paper<br>2-ply sheets<br>70 packs   | FAD | NP-53.5 Agency-to-Agency        | 4th Quarter of 2020       | GOP | 13,860.00  | 13,860.00  | 0.00 |
| 50203010 02 | 22 | Alcohol<br>-Ethyl, 68%-72%FADs<br>35 gal  | FAD | NP-53.5 Agency-to-Agency        | 4th Quarter of 2020       | GOP | 23,100.00  | 23,100.00  | 0.00 |
| 50203010 02 | 22 | Disinfectant Spray<br>-aerosol type<br>50 cans  | FAD | NP-53.5 Agency-to-Agency        | 4th Quarter of 2020       | GOP | 28,050.00  | 28,050.00  | 0.00 |
| 50203990 00 | 23 | Slotted angle bar<br>46 pcs   | FAD | NP-53.9 Small Value Procurement | 4th Quarter of 2020       | GOP | 20,700.00  | 20,700.00  | 0.00 |
| 50203990 00 | 23 | Slotted angle corner<br>180 pcs   | FAD | NP-53.9 Small Value Procurement | 4th Quarter of 2020       | GOP | 5,400.00   | 5,400.00   | 0.00 |
| 50203990 00 | 23 | Dexion slotted angle base<br>20 pcs   | FAD | NP-53.9 Small Value Procurement | 4th Quarter of 2020       | GOP | 3,600.00   | 3,600.00   | 0.00 |
| 50203990 00 | 23 | Bolts and nuts (for slotted angle bar)<br>300 pcs   | FAD | NP-53.9 Small Value Procurement | 4th Quarter of 2020       | GOP | 1,500.00   | 1,500.00   | 0.00 |
| 50203990 00 | 23 | Plyboard 3/4" (4x8)<br>6 pcs  | FAD | NP-53.9 Small Value Procurement | 4th Quarter of 2020       | GOP | 8,400.00   | 8,400.00   | 0.00 |
| 50203990 00 | 23 | Thermogun<br>-Infrared Thermometer<br>-LCD Screen with 4-digit and with back light<br>4 pcs   | FAD | NP-53.5 Agency-to-Agency        | 4th Quarter of 2020       | GOP | 10,129.60  | 10,129.60  | 0.00 |

|              |    |  |      |                                 |                     |     |                       |                       |                      |       |
|--------------|----|--|------|---------------------------------|---------------------|-----|-----------------------|-----------------------|----------------------|-------|
| 50203010 01  | 23 | Wireless Mouse<br>9 pcs  | FAD  | NP-53.9 Small Value Procurement | 4th Quarter of 2020 | GOP | 16,650.00             | 16,650.00             | 0.00                 |       |
| 50203220 01  | 23 | Office Chair<br>Midback Chair with armrest<br>Materials: Leatherette Seat & Back,<br>Chrome Armrest & PVC Starbase<br>Accessories: Gaslift, caster wheel,<br>Armrest, normal lifting mechanism<br>Warranty: 2 years<br>Finish: Black<br>Vat Inclusive<br>3 units | FAD  | NP-53.9 Small Value Procurement | 4th Quarter of 2020 | GOP | 35,280.00             | 35,280.00             | 0.00                 |       |
| 50213050 02  | 23 | Generator Filters - must be compatible with<br>Generator Perkins/344EPTP<br>- Fuel Filter - Primary<br>- Fuel Filter - Secondary<br>- Air Filter<br>- Oil Filter<br>1 lot  | FAD  | NP-53.9 Small Value Procurement | 4th Quarter of 2020 | GOP | 23,320.00             | 23,320.00             | 0.00                 |       |
| 50203990 00  | 23 | Radiator Coolant<br>40 liters  | FAD  | NP-53.9 Small Value Procurement | 4th Quarter of 2020 | GOP | 11,000.00             | 11,000.00             | 0.00                 |       |
| 50203210 02  | 23 | Fire Hose<br>1 1/2 x 100 ft. Single Jacket<br>with male and female coupling<br>3 pcs   | FAD  | NP-53.9 Small Value Procurement | 4th Quarter of 2020 | GOP | 11,550.00             | 11,550.00             | 0.00                 |       |
| 50203990 00  | 23 | Plaques<br>- 8" Total Height<br>- 2 pcs 3/16 thick clear glass with photo crystal print<br>- mounted on silver mirror and bronze glass<br>50 pcs   | FAD  | NP-53.9 Small Value Procurement | 4th Quarter of 2020 | GOP | 75,000.00             | 75,000.00             | 0.00                 |       |
| 50299010 00  | 23 | Newspaper posting<br>3 lots  | FAD  | NP-53.9 Small Value Procurement | 4th Quarter of 2020 | GOP | 30,000.00             | 30,000.00             | 0.00                 |       |
| 50213050 03  | 23 | 4TB SAS Ent. Hard Disk 3.5" server grade<br>Capacity: 4TB<br>Interface: SAS 512n<br>2 units  | SSED | NP-53.9 Small Value Procurement | 4th Quarter of 2020 | GOP | 31,800.00             | 31,800.00             | 0.00                 | SAGAP |
| <b>TOTAL</b> |    |  |      |                                 |                     |     | <b>711,639,335.22</b> | <b>665,000,636.22</b> | <b>46,638,699.00</b> |       |

Prepared and Consolidated By:

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