

Department of Science and Technology  
Advanced Science and Technology Institute  
C.P. Garcia Ave., U.P. Technopark, U.P. Campus, Diliman, Quezon City 1101

**Annual Procurement Plan for 2018**  
**APP-2018-NCSE-014 (SUPPLEMENTAL)**

Code	Procurement Program/Activity/Project	PMO/End-User	Mode of Procurement	Schedule for Each Procurement Activity				Source of Fund	Estimated Budget (Php)			Remarks (Brief Description of Program/Activity/ Project)
				Advertisement/ Posting of IB/REI	Submission/ Opening of Bids	Notice of Award	Contract Signing		Total	MOOE	CO	
<b>OFFICE OF THE DIRECTOR</b>												
<b>ALTERNATIVE METHODS OF PROCUREMENT</b>												
<b>I. NP - LEASE OF REAL PROPERTY AND VENUE</b>												
50299050 01 Rents - Building and Structures	1 2018 ASTI Midyear Performance Assessment and Planning - for 50 pax - inclusive of planning venue, 3 days accommodation, and full board meals	OD - Castañeda	NP-53.10 Lease of Real Property and Venue			3rd Quarter of 2018		GOP	420,000.00	420,000.00	0.00	
<b>II. NP - SMALL VALUE PROCUREMENT</b>												
<b>A. ABOVE PHP50,000.00</b>												
50203010 02 Office Supplies Expenses	1 Colored Ribbon for ID Printer Compatible for FARGO HDP 5000 ID Printer YMCK 500 images Fargo HDP5000 Ribbon - Tax inclusive	OD - Monton	NP-53.9 Small Value Procurement			3rd Quarter of 2018		GOP	72,000.00	72,000.00	0.00	
50299050 03 Rents - Motor Vehicles	2 Vehicle Rental for Midyear Performance Assessment and Planning	OD - Castañeda	NP-53.10 Lease of Real Property and Venue			3rd Quarter of 2018		GOP	90,000.00	90,000.00	0.00	
<b>B. PHP50,000.00 AND BELOW</b>												
50203210 03 Semi-Expendable - ICT Equipment	1 Keyboard Compatible with Macintosh Includes lightning to USB Cable With numeric keypad Dimension: - Height: 0.16-0.43 inch (0.41-1.09 cm) - Width: 16.48 inches (41.87 cm) - Depth: 4.52 inches (11.49 cm) - Weight: 0.86 pound (0.39 kg) Connection: - Bluetooth - Lightning port - Wireless System Requirement - Bluetooth-enabled Mac computer with OS X 10.11 or later - iOS devices with iOS 9.1 or later - Tax inclusive	OD - Monton	NP-53.9 Small Value Procurement			3rd Quarter of 2018		GOP	9,000.00	9,000.00	0.00	
50203210 03 Semi-Expendable - ICT Equipment	2 Mouse Compatible with Macintosh Includes lightning to USB Cable Multi-touch With lightning to USB Cable Ergonomics: Ambidextrous System Requirement: Mac computer with OS X 10.11 or later Connection: - Bluetooth - Lightning port - Wireless - Tax inclusive	OD - Monton	NP-53.9 Small Value Procurement			3rd Quarter of 2018		GOP	4,500.00	4,500.00	0.00	
50203990 00 Other Supplies and Materials Expenses	3 Retransfer film for ID Printer Compatible for Fargo HDP Clear 1500 Images Fargo HDP 5000 - Tax inclusive	OD - Monton	NP-53.9 Small Value Procurement			3rd Quarter of 2018		GOP	36,000.00	36,000.00	0.00	
50203990 00 Other Supplies and Materials Expenses	4 Cleaning Kit for Fargo HDP5000 ID Printer 4 Printhead Cleaning Swabs 10 Cleaning Cards 10 Cleaning Pads 3 Alcohol Cleaning Cards - Tax inclusive	OD - Monton	NP-53.9 Small Value Procurement			3rd Quarter of 2018		GOP	10,000.00	10,000.00	0.00	
50203990 00 Other Supplies and Materials Expenses	5 Frame Certificate Holder/Diploma A4 size Body - Plastic Front - Glass Color: Beige Stands Horizontally & Vertically - Tax inclusive	OD - Monton	NP-53.9 Small Value Procurement			3rd Quarter of 2018		GOP	3,000.00	3,000.00	0.00	
<b>SOLUTIONS AND SERVICES ENGINEERING DIVISION</b>												
<b>PUBLIC BIDDING</b>												

50604050 03 ICT Equipment	1	Laptop 512GB SSD/ SATA 6.0 Gb/s / light weight / i5/ Mobile workstation	SSED - Lara	Public Bidding	3rd Quarter of 2018	GOP	140,000.00	0.00	140,000.00	PREGINET
50604050 03 ICT Equipment	2	Laptop 8th Gen i7, 16 GB RAM, 512 GB SSD	SSED - Retamar	Public Bidding	3rd Quarter of 2018	GOP	120,000.00	0.00	120,000.00	PEDRO
50604050 03 ICT Equipment	3	Laptop 8th Gen i5, 16 GB RAM, 512 GB SSD	SSED - Retamar	Public Bidding	3rd Quarter of 2018	GOP	135,000.00	0.00	135,000.00	PEDRO
50604050 03 ICT Equipment	4	Laptop i5 processor, 8GB ram	SSED - Retamar	Public Bidding	3rd Quarter of 2018	GOP	70,000.00	0.00	70,000.00	PEDRO
<b>RENEWAL OF WATER, ELECTRICITY, TELECOMMUNICATIONS, AND INTERNET SERVICES (EXISTING LINES / ISPs)</b>										
50205030 00 Internet Subscription Expenses	1	Local Transport 1G -Bagulo, Primary (GovNet) *EXTENSION	SSED	Renewal of Water, Electricity, Telecommunications, and Internet Service Providers (Appendix 21, R-IRR of RA 9184)	3rd - 4th Quarter of 2018	GOP	965,600.00	965,600.00	0.00	PREGINET
50205030 00 Internet Subscription Expenses	2	Local Transport 1G -Tuguegarao, Primary (GovNet) *EXTENSION	SSED	Renewal of Water, Electricity, Telecommunications, and Internet Service Providers (Appendix 21, R-IRR of RA 9184)	3rd - 4th Quarter of 2018	GOP	1,075,200.00	1,075,200.00	0.00	PREGINET
50205030 00 Internet Subscription Expenses	3	Local Transport 1G -Pampanga, Primary (GovNet) *EXTENSION	SSED	Renewal of Water, Electricity, Telecommunications, and Internet Service Providers (Appendix 21, R-IRR of RA 9184)	3rd - 4th Quarter of 2018	GOP	1,197,500.00	1,197,500.00	0.00	PREGINET
50205030 00 Internet Subscription Expenses	4	Local Transport 1G -Legazpi, Primary (GovNet) *EXTENSION	SSED	Renewal of Water, Electricity, Telecommunications, and Internet Service Providers (Appendix 21, R-IRR of RA 9184)	3rd - 4th Quarter of 2018	GOP	944,533.33	944,533.33	0.00	PREGINET
50205030 00 Internet Subscription Expenses	5	Local Transport 1G -Layte, Primary (GovNet) *EXTENSION	SSED	Renewal of Water, Electricity, Telecommunications, and Internet Service Providers (Appendix 21, R-IRR of RA 9184)	2nd - 4th Quarter of 2018	GOP	3,511,200.00	3,511,200.00	0.00	PREGINET
50205030 00 Internet Subscription Expenses	6	Local Transport 1G -Bagulo, Secondary (GovNet) *EXTENSION	SSED	Renewal of Water, Electricity, Telecommunications, and Internet Service Providers (Appendix 21, R-IRR of RA 9184)	3rd - 4th Quarter of 2018	GOP	828,800.00	828,800.00	0.00	PREGINET
50205030 00 Internet Subscription Expenses	7	Local Transport 1G -Tuguegarao, Secondary (GovNet) *EXTENSION	SSED	Renewal of Water, Electricity, Telecommunications, and Internet Service Providers (Appendix 21, R-IRR of RA 9184)	3rd - 4th Quarter of 2018	GOP	1,948,800.00	1,948,800.00	0.00	PREGINET
50205030 00 Internet Subscription Expenses	8	Local Transport 1G -Pampanga, Secondary (GovNet) *EXTENSION	SSED	Renewal of Water, Electricity, Telecommunications, and Internet Service Providers (Appendix 21, R-IRR of RA 9184)	3rd - 4th Quarter of 2018	GOP	810,000.00	810,000.00	0.00	PREGINET
50205030 00 Internet Subscription Expenses	9	Local Transport 1G -Butuan, Secondary (GovNet) *EXTENSION	SSED	Renewal of Water, Electricity, Telecommunications, and Internet Service Providers (Appendix 21, R-IRR of RA 9184)	3rd - 4th Quarter of 2018	GOP	2,341,161.29	2,341,161.29	0.00	PREGINET
<b>ALTERNATIVE METHODS OF PROCUREMENT</b>										
<b>L NP - SMALL VALUE PROCUREMENT</b>										
<b>A. ABOVE PHP50,000.00</b>										
50604050 14 Technical and Scientific Equipment	1	Portable Oscilloscope 2 channels, 200 MHz	SSED - Retamar	NP-53.9 Small Value Procurement	3rd Quarter of 2018	GOP	260,000.00	0.00	260,000.00	PEDRO
50604050 02 Office Equipment	2	Programmable Power Supply Bench Power Supply, 3 Output 0 7 25 V, 0 7 6 V 2 A, 10 A 160W	SSED - Retamar	NP-53.9 Small Value Procurement	3rd Quarter of 2018	GOP	145,000.00	0.00	145,000.00	PEDRO
50604050 02 Office Equipment	3	Printer Office Laser Printer	SSED - Retamar	NP-53.9 Small Value Procurement	3rd Quarter of 2018	GOP	55,000.00	0.00	55,000.00	PEDRO
50604050 02 Office Equipment	4	Meeting Room TV 4K UHD 65-inch LED TV	SSED - Retamar	NP-53.9 Small Value Procurement	3rd Quarter of 2018	GOP	100,000.00	0.00	100,000.00	PEDRO


50606020 00 Computer Software	5	Design and Delivery of Augmented Reality Experience for the Diwata 2 and Maya 1 Satellite  Satellite AR inclusions: (all suppliers should breakdown cost per item) 1. Users can point the Camera of the application at the satellite replicas in the real time while giving added and more detailed information to users about the displayed object. 2. Users can point the Camera of the application to the printed organ/folder brochures (diwata-2 shape) in the real time while giving added and more detailed information to users about the displayed object. 3. Website Version- Embed the 3D Satellites on the website of DOST-ASTI 4. AR version on the interactive diorama of DOST-ASTI (8 projects at the most)  General Requirements: - Layout and Design - 3D Modeling, Rigging and Animation of Diwata 2 and Maya 1 (All Parts and Pieces) - AR Application Software Development (Android and IOS) - Inserting 3D Models of Satellites to DOST-ASTI Website - Sticker Marker Design - Printed Sticker Markers (100pcs) - 3D Animation AR with Text and Sound Effects - Photo Capture - User can point the camera and take snapshots - Smooth and minimalistic design for ease of use and navigation embedded into the User Interface of Satellite AR Application - Trigger Markers - Design and print (100pcs) One Hundred Pieces of Stickers Markers	SSED - Retamar	NP-53.9 Small Value Procurement	3rd Quarter of 2018	GOP	400,000.00	0.00	400,000.00	PEDRO
B. PHP50,000.00 AND BELOW										
50203990 00 Other Supplies and Materials Expenses	1	PLA White PLA	SSED - Hilario / De Guzman	NP-53.9 Small Value Procurement	3rd Quarter of 2018	GOP	4,000.00	4,000.00	0.00	COCOMONETS
50203990 00 Other Supplies and Materials Expenses	2	PLA Black PLA	SSED - Hilario / De Guzman	NP-53.9 Small Value Procurement	3rd Quarter of 2018	GOP	4,000.00	4,000.00	0.00	COCOMONETS
50203990 00 Other Supplies and Materials Expenses	3	PETG White PETG	SSED - Hilario / De Guzman	NP-53.9 Small Value Procurement	3rd Quarter of 2018	GOP	3,000.00	3,000.00	0.00	COCOMONETS
50299020 00 Printing and Publication Expenses	4	Printing of ULAT Brochure Printing of A4 sized brochure, full color, matte lamination	SSED - Manuel	NP-53.9 Small Value Procurement	3rd Quarter of 2018	GOP	20,000.00	20,000.00	0.00	EXTREME WEATHER
50203220 01 Semi-Expendable - Furnitures and Fixtures	5	Sofa 3-seater receiving sofa	SSED	NP-53.9 Small Value Procurement	3rd Quarter of 2018	GOP	24,000.00	24,000.00	0.00	PEDRO
50203990 00 Other Supplies and Materials Expenses	6	Vibrating Mini Motor Disc Voltage: 2V - 5V	SSED - Paler	NP-53.9 Small Value Procurement	3rd Quarter of 2018	GOP	380.00	380.00	0.00	PEDRO
50203990 00 Other Supplies and Materials Expenses	7	Haptic Motor Controller Breakout board Flexible Haptic and Vibration Driver for both ERM and LRA type motors	SSED - Paler	NP-53.9 Small Value Procurement	3rd Quarter of 2018	GOP	1,500.00	1,500.00	0.00	PEDRO
50203990 00 Other Supplies and Materials Expenses	8	Motor/Stepper/Servo Shield for microcontroller 2 connections for 5V 'hobby' servos	SSED - Paler	NP-53.9 Small Value Procurement	3rd Quarter of 2018	GOP	3,800.00	3,800.00	0.00	PEDRO
50203990 00 Other Supplies and Materials Expenses	9	Bipolar Stepper Motor 200 steps per revolution, 1.8 degrees	SSED - Paler	NP-53.9 Small Value Procurement	3rd Quarter of 2018	GOP	2,800.00	2,800.00	0.00	PEDRO
50203990 00 Other Supplies and Materials Expenses	10	DC hobby motor Operating Temperature: -10°C - +60°C Rated Load: 10 g/cm Rated Voltage: 6 Volts	SSED - Paler	NP-53.9 Small Value Procurement	3rd Quarter of 2018	GOP	380.00	380.00	0.00	PEDRO
50203990 00 Other Supplies and Materials Expenses	11	Unipolar small stepper motor Unipolar stepper with 0.1" spaced 5-pin cable connector	SSED - Paler	NP-53.9 Small Value Procurement	3rd Quarter of 2018	GOP	1,000.00	1,000.00	0.00	PEDRO
50203990 00 Other Supplies and Materials Expenses	12	Micro size servo motor Voltage : 3V to 6V DC Weight: 9g / 0.32oz Speed : 0.12 sec/60 (at 4.8V)	SSED - Paler	NP-53.9 Small Value Procurement	3rd Quarter of 2018	GOP	1,200.00	1,200.00	0.00	PEDRO
50203990 00 Other Supplies and Materials Expenses	13	Analog Feedback Servo motor With additional line for analog feedback (potentiometer wiper) Torque: 90.28 oz*in / 6.5 kg*cm	SSED - Paler	NP-53.9 Small Value Procurement	3rd Quarter of 2018	GOP	3,000.00	3,000.00	0.00	PEDRO
50203990 00 Other Supplies and Materials Expenses	14	3 Wire 1 Meter RTD Temperature Sensor Stainless steel tube	SSED - Paler	NP-53.9 Small Value Procurement	3rd Quarter of 2018	GOP	2,800.00	2,800.00	0.00	PEDRO
50203990 00 Other Supplies and Materials Expenses	15	PT100 RTD Temperature Sensor Amplifier 5V compliant with a 3.3V regulator and level shifting compatible with arduino or any microcontroller	SSED - Paler	NP-53.9 Small Value Procurement	3rd Quarter of 2018	GOP	3,800.00	3,800.00	0.00	PEDRO
50203990 00 Other Supplies and Materials Expenses	16	Jumper Wires Cables 120 pcs male to male jumper cable 120 pcs male to female jumper cable 120 pcs female to female jumper cable	SSED - Paler	NP-53.9 Small Value Procurement	3rd Quarter of 2018	GOP	1,800.00	1,800.00	0.00	PEDRO
50203990 00 Other Supplies and Materials Expenses	17	Microcontroller with native-blutooth chip 32 bit Microcontroller with HW floating point acceleration running at 64MHz 512KB flash and 64KB SRAM	SSED - Paler	NP-53.9 Small Value Procurement	3rd Quarter of 2018	GOP	5,300.00	5,300.00	0.00	PEDRO

50203990 00 Other Supplies and Materials Expenses	18	3G Cellular Modem with GPS Breakout Board UMTS/HSDPA@900/2100MHz Fully-integrated GPS	SSED - Paler	NP-53.9 Small Value Procurement	3rd Quarter of 2018	GOP	7,700.00	7,700.00	0.00	PEDRO	
50203990 00 Other Supplies and Materials Expenses	19	IR Thermal Camera Breakout Board 8x8 array of IR thermal sensors measure temperatures ranging from 0°C to 60°C (32°F to 178°F)	SSED - Paler	NP-53.9 Small Value Procurement	3rd Quarter of 2018	GOP	7,600.00	7,600.00	0.00	PEDRO	
50203990 00 Other Supplies and Materials Expenses	20	1.44" Color TFT LCD Display with MicroSD Card breakout 128x128 resolution, 18-bit (262,144) color 4 or 5 wire SPI digital interface	SSED - Paler	NP-53.9 Small Value Procurement	3rd Quarter of 2018	GOP	1,425.00	1,425.00	0.00	PEDRO	
50203990 00 Other Supplies and Materials Expenses	21	320x240 2.8" TFT LCD Display + Resistive Touchscreen 2.8" diagonal LCD TFT display	SSED - Paler	NP-53.9 Small Value Procurement	3rd Quarter of 2018	GOP	3,300.00	3,300.00	0.00	PEDRO	
50604050 14 Technical and Scientific Equipment	22	Punch and Dies Embedded systems prototyping tool	SSED - Retamar	NP-53.9 Small Value Procurement	3rd Quarter of 2018	GOP	35,000.00	0.00	35,000.00	PEDRO	
<b>COMPUTER SOFTWARE DIVISION</b>											
<b>ALTERNATIVE METHODS OF PROCUREMENT</b>											
<b>I. NP - LEASE OF REAL PROPERTY AND VENUE</b>											
50202010 02 Training Expenses	1	Lease of Venue including accommodation and meals for User Experience Workshop for estimate 58 participants for 4 days and 3 nights (tentative dates on 7-10 August 2018) venue at Batangas Venue must be well secured and has adequate parking space Facilities: - Available two (2) conference/function room - Classroom table set-up for 30-58 participants - No obstructing pillars Amenities include: - Secretariat's table - Microphones, at least two (2) units - Pads, pencils and candies - Two (2) Projector screen and table for LCD Projector - Free and steady Wi-Fi connection - Waived electricity charges for use of laptops and projectors and other equipment - Extension cords - Free flowing coffee/tea Audible/Operation Sound System Area should accommodate 58 participants At least 3 star hotel  Note: - Actual number of attendees will be confirmed 1 week before the event - No advance payment shall be made  Vehicle Rental Set-up with the hotel for 58 pax ASTI to Batangas and vice-versa - 18 pax DOE to Batangas and vice-versa - 40 pax inclusive of gas, driver and toll fee	CSD	NP-53.10 Lease of Real Property and Venue	3rd Quarter of 2018	GOP	620,000.00	620,000.00	0.00	DOE PHASE 3	
<b>II. NP - SMALL VALUE PROCUREMENT</b>											
<b>A. ABOVE PHP50,000.00</b>											
50203990 00 Other Supplies and Materials Expenses	1	Customize Jacket with hood full-zip  Material: Body: 89% Cotton, 11% Polyester Rib: 96% Cotton, 4% Spandex Design will be provided by the end-user one color (to be coordinated by the end-user)	CSD	NP-53.9 Small Value Procurement	3rd Quarter of 2018	GOP	58,000.00	58,000.00	0.00	DOE PHASE 3	
<b>B. PHP50,000.00 AND BELOW</b>											
50299050 03 Rents - Motor Vehicles	1	Vehicle Rental to transport participants from ASTI to Tagaytay and vice versa for 15 pax for HUDCC-HBMES User Experience (UX) Workshop on 27-29 June 2018 at Tagaytay Inclusive of gas, driver and toll fee	CSD	NP-53.9 Small Value Procurement	3rd Quarter of 2018	GOP	25,000.00	25,000.00	0.00	HUDCC-HBMES	
<b>RESEARCH AND DEVELOPMENT DIVISION</b>											
<b>PUBLIC BIDDING</b>											
50211990 00 Other Professional Services	1	Senior SRS, SRSII, SRS I, PAI	RDD	Public Bidding	2nd - 4th Quarter of 2018	GOP	845,423.05	845,423.05	0.00	EPIC	
							<b>TOTAL</b>	<b>17,398,502.67</b>	<b>15,938,502.67</b>	<b>1,460,000.00</b>	

Prepared and Consolidated By:

  
KATHERINE B. RAMOS  
Head, Bids and Awards Committee Secretariat

Recommending Approval:

  
PEDRO B. MANGHAS  
Chairperson, Bids and Awards Committee - 1

Approved By:

  
PAUL JOHN M. SERRANO  
Chairperson, Bids and Awards Committee - 2

  
JOEL JOSEPH S. MARCIANO, JR., Ph.D.  
Acting Director