



Republic of the Philippines
(Republic Act 7611)

**PALAWAN COUNCIL FOR SUSTAINABLE DEVELOPMENT STAFF
BIDS AND AWARDS COMMITTEE**

Invitation for Negotiated Procurement

PR. No. 19-10-010 (B): Supply and Delivery of Information and Communications Technology (ICT) Equipment FY 2020

1. In view of the two (2) failed public biddings, the Palawan Council for Sustainable Development Staff (PCSDS) Bids and Awards Committee (BAC) invites interested bidders to participate in the negotiation for the project, PR. No. 19-10-010 (B): Supply and Delivery of Information and Communications Technology (ICT) Equipment FY 2020, in accordance with Section 53.1 of the 2016 Revised Implementing Rules and Regulations (IRR) of Republic Act (R.A.) No. 9184, otherwise known as the Government Procurement Reform Act;
2. The PCSDS intends to apply the sum of **Two million, four hundred ninety-eight thousand pesos (Php 2,498,000.00)** pesos being the Approved Budget for the Contract (ABC) to payments under the contract for the project under FY 2020. The funding source is through the authorized appropriations under the National Expenditure Program (NEP) for the succeeding year – Single Year (FY 2020). The required specification for the subject procurement is listed in the Annex attached hereto;
3. The PCSDS-BAC will hold a negotiation conference with all interested bidders on **February 11, 2020, 10:00** in the morning at the **PCSD Building, Sports Complex Road, Barangay Santa Monica, Puerto Princesa City, Palawan**. Submission of **“Best Offer/Proposal”** shall immediately follow at **10:30 AM on the same date**.
4. The Eligibility Documents, Technical Proposal and Best and Final Offer stated in the checklist shall be submitted in one (1) original and two (2) duplicate copies;
5. Interested bidders may obtain further information from the PCSDS-BAC Secretariat at the address given below during office hours from 9:00 AM to 4:00 PM;
6. The PCSDS reserves the right to reject any and all bids, declare a failure of bidding, or not award the contract at any time prior to contract award in accordance with Section 41 of R.A. No. 9184 and its IRR, without thereby incurring any liability to the affected bidder or bidders.
7. For further information, please refer to:
PCSDS BAC Secretariat
PCSD Building, Sports Complex Road, Brgy. Santa Monica, Puerto Princesa City, Palawan
Telephone No. (048) 434-4235
Email address: mitchie592003@gmail.com


Josephine S. Matulac
BAC Chairperson

Vision: Palawan, an innovative and dynamic global center of sustainable development

Mission: PCSDS as the driver of environmental conservation and inclusive development in Palawan, a biosphere reserve and science for sustainability site, guided by the Strategic Environmental Plan

HEAD OFFICE:

PCSD Building, Sports Complex Road
Santa Monica Heights, Puerto Princesa City, Palawan, Philippines
Tel No.: (+6348) 434-4235 Trunkline / (+6348) 434-4234 Telefax
Email: oad@pcsd.gov.ph Website: pcsd.gov.ph || www.pkp.gov.ph

METRO MANILA LIAISON OFFICE

Room 109, Ground Floor, Westria Residences
77 West Avenue, Quezon City, Philippines
Tel. No.: (+632) 376-2061 // (+632) 376-2775

ICT EQUIPMENT

LOT 1: Drone and Highly Technical Equipment

ITEM	NUMBER OF ITEMS	SPECIFICATIONS/REMARKS	STATEMENT OF COMPLIANCE
END-USER 1: EZMD			
1. Underwater drone with tablet and case (with training)	2	<p>Drone Specs: Dimensions: 383x331x143mm; Weight: ~3.9kg Maneuverability: 6 DOF (Degree of Freedom) Depth Capacity: 100m (328 ft) Maxx Cruise Speed: 3 Kn (1.5m/s) (still Water) Max Sailing Time: 4h (still water, L speed Mode) Thruster Configuration: 6 thrusters (2 horizon, 4 vertical) Battery: 97.2 Wh (12.6V 9000mAh) Camera: 12 MP, 4K UHD, Storage 32 - 64GB Lights: 4000 lumens; Live View: 720P 30/25fps/480P 25/30fps</p> <p>Tablet Specs: Screen: 12.9-inch (diagonal) Liquid Retina LED-backlit Multi-Touch display; Screen resolution: 2732 x 2048 px; Pixel density: 264 ppi Storage capacity: 64 GB/256 GB; RAM memory: 6 GB Battery: 36.71Wh rechargeable lithium-polymer battery, non-removable; Battery life: Up to 10 hours of surfing the web on Wi-Fi, watching video, or listening to music on a single charge Charging: Charging via power adapter or USB-C to computer system Dimensions: 11.04 x 8.46 x 0.23 in / 280.6 x 214.9 x 5.9 mm Bluetooth: Yes; MicroSD slot: Yes; Ports & Connectors: USB-C or Smart Connector Main Camera: Single 12 MP, f/1.8, 29mm (standard), 1/3", 1.22µm, PDAF; Features: Quad-LED dual-tone flash, HDR, Face detection, panorama Video: 2160p@30/60fps, 1080p@30/60/120fps, 720p@240fps Selfie Camera: Single, 7 MP, f/2.2, 32mm (standard)</p>	
2. High resolution drone camera with tablet, extra battery, and accessories (with training)	1	<p>Drone Specs - Battery: 31 mins battery life (3.83V, 3850 mAh) - Weight: 900 g (2lbs.) - Charging time: 90+ mins. - Control range: 5 miles (8km) - Max flight time 31 mins - Max speed: 70.8 km/h (44 mph)</p> <p>Tablet Specs: Screen: 12.9-inch (diagonal) Liquid Retina LED-backlit Multi-Touch display; Screen resolution: 2732 x 2048 px; Pixel density: 264 ppi Storage capacity: 64 GB/256 GB; RAM memory: 6 GB Battery: 36.71Wh rechargeable lithium-polymer battery, non-removable; Battery life: Up to 10 hours of surfing the web on Wi-Fi, watching video, or listening to music on a single charge Charging: Charging via power adapter or USB-C to computer system Dimensions: 11.04 x 8.46 x 0.23 in / 280.6 x 214.9 x 5.9 mm Bluetooth: Yes; MicroSD slot: Yes; Ports & Connectors: USB-C or Smart Connector Main Camera: Single 12 MP, f/1.8, 29mm (standard), 1/3", 1.22µm, PDAF; Features: Quad-LED dual-tone flash, HDR, Face detection, panorama Video: 2160p@30/60fps, 1080p@30/60/120fps, 720p@240fps Selfie Camera: Single, 7 MP, f/2.2, 32mm (standard)</p> <p>Accessories - 2 Flight Battery, Hard Case, Battery Charging Hub for Batteries, and Low Noise Propellers</p>	
END-USER 2: EMED			
1. High resolution drone with extra battery (with training)	1	<p>Specs: - Battery: 31 mins battery life (3.83V, 3850 mAh) - Weight: 900 g (2lbs.) - Charging time: 90+ mins. - Control range: 5 miles (8km) - Max flight time 31 mins - Max speed: 70.8 km/h (44 mph)</p> <p>Accessories: 2 Flight Battery Hard Case Battery Charging Hub for Batteries Low Noise Propellers</p>	

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END-USER 3: EED			
1. 12 MP Drone with extra battery	1	<p>Aircraft Weight (including battery and propellers) 1380 g; Max Ascent Speed 6 m/s (Sport mode); supplier shall also supply drone with 1 extra battery included; 1 -year warranty Max Descent Speed 4 m/s (Sport mode); Max Speed 20 m/s (Sport mode); Max Service Ceiling Above Sea Level 19685 feet (6000 m); Max Flight Time Approx. 28 minutes; Operating Temperature 32° to 104° F (0° to 40° C); GPS Mode GPS / GLONASS</p> <p>Hover Accuracy Vertical: +/- 0.1 m (when Vision Positioning is active) or +/-0.5 m Horizontal: +/- 0.3 m (when Vision Positioning is active) or +/-1.5 m Diagonal Size (Excluding Propellers) 350 mm; Obstacle Sensory Range 2 - 49 feet (0.7 - 15 m) Operating Environment Surface with clear pattern and adequate lighting (lux > 15); Camera Sensor 1/2.3" Effective pixels:12.4 M; Lens FOV 94° 20 mm (35 mm format equivalent) f/2.8, focus at ∞; ISO Range - 100-3200 (video); 100-1600 (photo); Shutter Speed 8s -1/8000s Image Max Size 4000x3000; Still Photography Modes Single shot; Burst shooting: 3 / 5 / 7 frames; Auto Exposure Bracketing (AEB): 3 / 5 bracketed frames at 0.7 EV Bias; Time-lapse; HDR; Video Recording Modes; UHD: 4096x2160 (4K) 24 / 25p; 3840x2160 (4K) 24 / 25 / 30p; 2704x1520 (2.7K) 24 / 25 / 30p FHD: 1920x1080 24 / 25 / 30 / 48 / 50 / 60 / 120p; HD: 1280x720 24 / 25 / 30 / 48 / 50 / 60p; Max Video Bitrate 60 Mbps Supported File Formats FAT32 (≤ 32 GB); exFAT (> 32 GB) Photo JPEG, DNG (RAW); Video MP4, MOV (MPEG-4 AVC/H.264) Supported SD Card Types Micro SD; Charger Voltage 17.4 V Rated Power 100 W; App / Live View; Mobile App EIRP 100mW Power Spectral Density 6.9mW/MHz; Live view; Working Frequency 2.4GHz ISM; Live View Quality 720P @ 30fps (depending on conditions and mobile device) ; Intelligent Flight Battery: Capacity 5350 mAh; Voltage 15.2 V; Battery Type LiPo 4S; Energy 81.3 Wh; Net Weight 462 g; Operating Temperature 14° to 104° F (-10° to 40° C) ; Max Charging Power 100 W</p> <p><i>w/ extra bat</i></p>	
END-USER 4: EZMED			
1. Laser Distance Digital Range Finder Diastimeter Measuring Device Electronic Bubble Levels 198ft/60m	2	<p>Touchscreen,Pointfinder with 4x zoom, Overview camera, Measure with a picture, Precise 360° tilt sensor,Smart Horizontal Mode, Height tracking, Bluetooth Smart,Free uploading and downloading app, Li-Ion battery, Electronic Bubble Levels 198ft/60m, Allows targeting and measuring at great distances (up to 200 m), even when you cannot see the laser dot, allows you to shoot over obstacles so you can measure the level horizontal distance to your target.</p>	
2. Night vision binocular	2	<p>Low light level Night Vision, waterproof, Autofocus, all optical glass lens, multilayer plating band green, 100% through light, lens doublet Achromatic lenses, image brightness, sharp surface permeability, eyepiece focusing, left & right independent of the eyepiece focusing diopter adjustment range, 95% high concentrations of nitrogen-filled, excellent waterproof performance, field of view (m): 131/1000m, Magnification: 7 times, viewing angle (degree): 7.3, Resolution: 3.08", Focusing system: Independent lens</p>	
3. High-end Digital Recording Binocular	1	<p>Digital Telescope Long Distance Multi Function HD Video Camera Maximum support 64Gb memory card It has the function of HD imaging and HD video recording Digital imaging and video recording and it can take a clear picture</p>	
4. Tandem Global Compass/Clinometer	2	<ul style="list-style-type: none"> •Without Declination Adjustment • Combines a liquid damped precision compass and clinometer in one compact, rugged aluminum housing •Clinometer scale is graduated in percent and degree (0-90, 0-150); compass scale is in azimuth (0-360) with the option of declination adjustment (20 East and West). •The compass is balanced for global use and is graduated in 1/2 increments, and the clinometer is graduated in 1/1% increments. •Both compass and clinometer are individually calibrated. •Engraved inch scale and cotangent and cosine tables to 45 on the back. •Threaded tripod socket. •Includes case and lanyard. •High accuracy - precise readings in seconds •Durable aluminum housing •Edges at 90 degrees angles for contact measuring •Optical adjustment for reading •Item Weight: 0.32 ounces 	
5. Surveillance camera equipped for night vision	1	<p>Sensor: 30.4MP full-frame CMOS Screen: 3.2-inch touchscreen, 1,620,000 dots Burst shooting: 7fps Autofocus: 61-point AF Video: DCI 4K Connectivity: Wi-Fi Battery life: 900 shots Weight: 840g</p>	

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6. Portable cargo scanner	1	<p>Cargo Scanner</p> <p>a. Carbon Sensitive; ideal for inspection of perishable goods and organic products in general b. must be able to detect the organic, inorganic, mixtures, or light metals quickly and precisely. c. portable and easy to set-up d. can detect micro-organisms</p> <p>Quick Details Tunnel Size: 615(L)*418(W)mm Penetration: 38 mm steel panel Warranty: 2 Years Conveyor Speed: 0.22 m/s Conveyor Max Load: 150 KGS X ray leakage: <1µGy/h Film Safety: ISO 1600 Film-safe Generate Direct: From bottom to top Wire Resolution: Dia 0.0787mm copper wire (AWG40) DEM: Acceptable Supply Ability: 10000 Set/Sets per Year wooden, accordance to the transportation standard.</p> <p>Physical Specifications Unit weight (kgs): 595 Unit size (mm): 2848.5(L)*1095(W)*1535.5(H) after packed in wooden pallet - ☐ Gross weight (kgs): 750 Packing size#1: 213*121*179cm; #2: 115*90*142cm</p> <p>General Specifications Tunnel size(mm): 600(L)*400(W) Conveyor Speed(m/s): 0.22 Conveyor height(mm): 690 Conveyor Max Load(kgs): 170 X ray dose per each inspection: 1.5 µGy X ray leakage: <0.25 µGy / h Penetration: 38mm steel Wire Resolution: dia 0.0787mm copper wire (AWG40) Penetration Resolution: dia 0.202mm copper wire (AWG32) under three-step aluminum wedge: 9.5mm, 15.9mm, 22.2mm Spatial resolution: Horizontal: dia1.0mm, Vertical: dia1.0mm Power Consumptionmax. 1KW</p> <p>Product highlights</p> <ul style="list-style-type: none"> * Multilingual operation, * Automatic built in test and self diagnosis * Secure access Key, * Uninterruptable power supply (UPS) * Threat alert and material classification, * Auto archiving * Network-Ready, * Energy saving design, * One key turn off * Drugs and explosives inspection, * Indication of the date and time * baggage counter 	
7. Satellite phone	2	<p>Dimensions: Length: 170mm; Width: 54mm; Depth: 39mm Weight: 279g; Display: High visibility colour screen Interfaces: Micro USB; Audio socket; Antenna port Bluetooth 2.0; Water and dust; ingress protection: IP54 Operating range: -20 °C to +55 °C; Storage range: -20°C to +70°C (with battery); Charging range: 0°C to 45°C Humidity tolerance: 0 to 95 per cent; Type: Lithium Talk time: Up to 8 hours; Standby time: Up to 100 hours Charging time: 3.5 hours</p> <p>Storage: Do not store fully charged or low charge batteries for long periods of time without use. 80% charge is optimal for storage. The battery should be stored in dry conditions, not assembled into the handset, with the contacts protected. Ideal conditions are between -20 and +20 degrees. Please check the remaining power levels in the battery and test the handset every three months. Recharge if the power has dropped below 40%. More frequent checking and recharging may be necessary depending on storage conditions. When the battery charge is very low, it may take some time for the charging indicator to show on the screen after connecting the charger.</p> <p>Microphone muting Contact synchronisation: With MS Outlook 2007 (PC) O/S compatibility: Windows XP Pro SP3 and Windows Vista SP1 Languages supported: Arabic, Chinese, English, French, Japanese, Portuguese, Russian, Spanish Security: At the keypad, phone, SIM and network level</p>	
8. 360 vision camera insta black	1	<p>Lenses: two fisheye lenses Field of view: fully spherical Aperture f/2.0 f/2.2; Processor unspecified Amarella unspecified Amarella Photo resolution 6080 x 3040 in JPEG or DNG raw 6912 x 3456 in JPEG or DNG raw; Video resolution 5760 x 2880, 30fps; 3840 x 1920 @ 50fps 3840 x 1920 @ 30fps; 3008 x 1504 @ 100fps; mp4 (log mode available) 3840 x 1920, 30fps; 2560 x 1280 @ 60fps; mp4 (log mode available) Bitrate 100 mbps 60 mbps; Bullet time video 3008 x 1504 @ 100fps fully spherical; variable aspect ratio 2048 x 512 @ 120fps hemispherical 16:9 aspect ratio; Live streaming: Yes, stabilized. Compatible with YouTube, Facebook, Periscope / Twitter, Weibo Yes, stabilized. Compatible with YouTube, Facebook, Periscope / Twitter, Weibo Shutter speed: 1/8000 to 1/20 seconds 1/4000 to 60 seconds ISO: 100 to 3200 100 to 3200 (up to 6400 for video) Stabilization: 6-axis gyro-based image stabilization 6-axis gyro-based image stabilization Microphones stereo mono Connector: 1/4-20 tripod connector 1/4-20 tripod connector Storage: one Micro SD up to 128GB one Micro SD up to 128GB (8GB included); Working humidity: TBD 30% to 80%; Temperature: TBD 14F - 113F (-14C to 45C); Waterproof: No (TWO TYPES of waterproof housing accessories available) No (waterproof housing accessory available) Connectivity: 5G WiFi; Bluetooth LE 4.0; MFi-certified lightning connector Bluetooth LE 4.0; MFi-certified lightning connector Compatibility: iOS, Android, Windows, Mac iOS, Android, Windows, Mac Dimensions: 115 x 48 x 28 mm 96 x 36.5 x 25 mm; Weight: 115g with battery 90.9 without battery 82g; Battery: 60 mins. removable 70 mins., not removable; USB charging; Other features: Drift shot; Timeshift; Intervalometer; Multiview FreeCast (live streaming with changeable perspective); Time lapse mode Bullet time Multiview; Intervalometer; FreeCast (live streaming with changeable perspective); Time lapse mode; Bullet time</p>	

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9. Marine vest with GPS tracking system	4	a. Made of high quality neoprene material, with good buoyancy b. Material: Neoprene c. Color: Black d. (1)XXXL Abdomen Circumference: 104cm/40.9inch; Total Length: 70cm/27.5inch; Suitable Height: 193+cm; Suitable Weight:95+kg; Weight: Approx. 920-1075g d.1. (3) L Abdomen Circumference: 90cm/35.4inch Total Length: 61cm/24inch; Suitable Height:169-177cm; Suitable Weight: 65-75kg e. 100% satellite technology f. with GPS chip that determines GPS location and sends location and preselected message to communication satellites.	
END-USER 5: AFD			
1. Facial and Biometrics Attendance Time Keeper Machine	4	Facial and Biometrics Attendance Time Keeper Machine, Up to 300 Facial Template. 3,000 Fingerprint / 160,000 Transactions. Standalone via USB. Wall or Desk-mountable	
END-USER 6: DMO North			
1. Night vision binocular	1	Powerful infrared illumination - 4 AA batteries - Day or night viewing - Rugged water-resistant housing - Video out capable - Tripod mountable - Outstanding optical clarity --Micro SD card slot (up to 32GB)	
END-USER 7: DMO Calamian			
1. 12 MP Drone with extra battery	1	Max Flight Time - 30 minutes (no wind at a consistent 15.5 mph (25 kph)) Max Hovering Time - 27 minutes (no wind) Max Transmission Distance FCC Compliant: 4.3 mi (7 km); CE Compliant: 2.5 mi (4 km) SRRC Compliant: 2.5mi (4 km) MIC Compliant: 2.5 mi (4 km) (Unobstructed, free of interference) Image Size 4000x3000 Video Recording Modes C4K: 4096x2160 24p 4K: 3840x2160 24/25/30p 2.7K: 2720x1530 24/25/30p FHD: 1920x1080 24/25/30/48/50/60/96p HD: 1280x720 24/25/30/48/50/60/120p Max Video Bitrate 60 Mbps Supported File Systems FAT32 (≤ 32 GB); exFAT (> 32 GB) Photo JPEG, DNG Video MP4, MOV (MPEG-4 AVC/H.264) Supported SD Cards Micro SD Max capacity: 128 GB. Class 10 or UHS-1 rating required	

ICT EQUIPMENT

LOT 2: Various software and music/sound template

ITEM	NUMBER OF ITEMS	SPECIFICATIONS/REMARKS	STATEMENT OF COMPLIANCE
END-USER 1: EPRPD			
1. Multimedia cloud master collection software: · Graphics editing software · Graphics processing and image organizing software · Video editing software · Desktop publishing & typesetting software	3	Latest version. 3 - Graphics editing software 1 - Graphics processing and image organizing software 1 - Video editing software 1 - Desktop publishing & typesetting software - 1 year full subscription	
END-USER 4: EEE			
1. Multimedia collection Business Plan	1	Latest version. 3 - Graphics editing software 1 - Desktop publishing and typesetting software 1 - Video processing software 1 - Video editing software - for multiple/team use (minimum of 5 users) - 1 year full subscription	
2. Music/sound templates	1	online subscription - downloadable music/sound template	
END-USER 5: EZMED			
1. Maxent and distance	1	Maxent Version 3.4.1 • Released under a MIT license • Threshold features are now turned off by default • A cloglog transform has been added and now constitutes the default transformation for model output (formerly the logistic transform) Distance Version 7.3 • Contains all the features of version 7.2 with the addition of an Import Shape Wizard.	
END-USER 7: OED			

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1. Multimedia cloud master collection software: · Graphics editing software · Graphics processing and image organizing software · Video editing software · Desktop publishing & typesetting software	2	1) 10+ apps: desktop and mobile apps including softwares on graphics editing; graphics processing and image organizing; video editing; and desktop publishing & typesetting. 2) Fonts: Thousands of fonts 3) Compatibility with Social media platform 4) Libraries: Capability to save, browse, and share assets from Libraries 5) Portfolio: Capability to create and customize portfolio website. 6) Storage: 100GB of cloud storage for file sharing and collaboration. INCLUSIONS: • Graphics editing software • Graphics processing and image organizing software • 20 GB of Cloud storage	
2. Music/sound templates	1		
END-USER: EZMED			
1. CD Asia Online Libraries one year subscription	1	Attributes • Comprehensive and efficient search engine • Contains wide-range set of data with regards to legal research • Contains updated resource materials pertaining to legal information • Extensive cross-referencing of laws and jurisprudence • Materials are obtained from credible sources • Automatic citation of references • Designed to update itself on the most recent version Features • Latest version of CD Asia: • Easy Navigation • Advanced Search Engine • Full-text Searching and full document view • Advanced and Organized Search Techniques • Automatic citation, cross-reference and citation finder Libraries are updated as soon as materials are made available from official sources	

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END-USER 6: AFD			
1. Cloud storage	1	Business-class email hosting with 50 GB mailbox Custom email domain addresses (name@yourcompany.com) Desktop versions of Office applications for PC only Web versions of Office applications One license covers 5 PCs or Macs, 5 phones, and 5 tablets per user Tooltip with information about operating system requirements Host unlimited HD video conferencing meetings for up to 250 people Get a hub for teamwork Let customers schedule appointments online Manage tasks and teamwork with Office planner Collaborate across departments and locations Maximum number of users: 300	