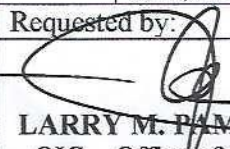
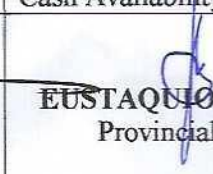
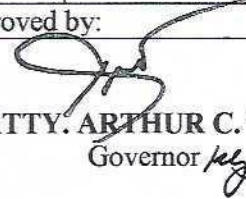


**PURCHASE REQUEST**  
Province of Bohol

APPENDIX F

<b>Department:</b> Office of the Provincial Agriculturist  <b>Division:</b> RASS Division <b>Section:</b>	PR No. _____ Date <u>March 9, 2020</u> SAI No. _____ Date: _____ OB R No. _____ Date: _____
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Item No.	Quantity	Unit of Issue	Item Description	Estimated Unit Cost	Estimated Total Cost
1.	3	Units	<p><b>Water Detector</b> Specification:</p> <ul style="list-style-type: none"> <li>- Capable of reading and locating possible water resources 250m(850ft) deep, such as groundwater and water-bearing gravel. Three-dimensional (3D) display of the detected water resources and cavities with a color-coded diagram of the resistivity of the ground.</li> <li>- Features: multilingual operation, 3D visualization, wireless technology, touch screen/color display, built in internal memory, rechargeable high-capacity battery, geo electrical measurements procedure.</li> <li>- The water and cavity detector to be operated via tablet with multilingual user interface. And 3 measuring method (accurate, fast or passive)</li> <li>- On screen instructions on how to operate,                             <ul style="list-style-type: none"> <li>I. Waterproof and shock-resistant Pelican case (Power Box)</li> <li>II. Electrodes: 2 Power electrodes, 2 Voltage Electrodes</li> <li>III. Android tablet</li> <li>IV. Controller with 2 Voltage cable drums (Ø 120 mm) and Tablet mount</li> <li>V. Power Pack</li> <li>VI. Charger for Power Box</li> <li>VII. Chargers for Controller and Power Pack</li> <li>VIII. Travel adapter</li> <li>IX. 2 Connecting cables (2 m)</li> <li>X. 2 Power cable drums (Ø 290 mm)</li> </ul> </li> </ul> <p><b>CONTROLLER(RECEIVING UNIT)</b> with the ff. Dimensions (HxWxD) – 130 x 270 x 110 mm, Weight – 0.6 kg, Weight (with mounted cable drums and batteries) – 2.1 kg., Power Supply (8 AA batteries) – 8-14 VDC1, Operating Time (charged batteries) – min. 16 hours, Charging Time (empty batteries) – typically 3 hours, max. 5 hours, Input (Charger) – 12 VDC, 1.5 A, CPU – 80 MHz Cortex M3, ADC – 16 bit Communication with Tablet PC – WLAN-Access point, 2.4 GHz band, channel 6, WPA2, Communication with Power Box -2.4 GHz band, on-demand, proprietary, Effective Range (differential) - -1400 to +1400 mV, Input Resistance (static) – approx, 12MΩ, Data Sampling Rate – 4096 Hz (64 times over sampling of a 512 samples mean value), Measurement Period per Scan Point – min. 16 seconds</p> <p><b>POWER BOX(SENDING UNIT)</b> with the ff specification of Dimensions (HxWxD) – 230 x 550 x 360 mm, Weight – 15.8 kg, Weight (with mounted Electrodes) – 18 kg, Internal Power Supply – Lead Acid Battery (2 x 12 V, 10 Ah), Output – max. 390 V, 0.5 A, 20 W, Operating Time (min. Power) – approx. 100 hours, Operating Time (average Power) – approx. 40 hours, Operating Time (max. Power) – approx. 8 hours, Charging Time – max. 8 hours, Input (Charger) – 24 VDC, 2 A, Communication with Controller – 2.4 GHz band, on-demand, proprietary.</p>	P 1,600,000.00	P 4,800,000.00

Requested by:  Signature Printed Name Designation  <b>LARRY M. PAMUGAS, Ph.D.</b> OIC – Office of the Provincial Agriculturist	Cash Availability:   <b>EUSTAQUIO A. SOCORIN</b> Provincial Treasurer	Approved by:   <b>ATTY. ARTHUR C. YAP</b> Governor
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