

**PURCHASE REQUEST  
BOHOL PROVINCIAL GOVERNMENT  
Province of Bohol**

Department: **Bohol Provincial Environment Management Office**

PR No: \_\_\_\_\_ Date: **April 29, 2022**

Location: **Bohol Island Aspiring Geopark**

SA No.: \_\_\_\_\_ Date: \_\_\_\_\_

ALOBS No: \_\_\_\_\_ Date: \_\_\_\_\_

| Item No. | Item Description   | QTY | Unit | Unit Cost     | Total Cost    |
|----------|--|-----|------|---------------|---------------|
| 1        | <b>Ground Penetrating Radar Equipment &amp; Software</b>   | 1   | lot  | P4,020,000.00 | P4,020,000.00 |
|          | Main equipment:  |     |      |               |               |
|          | <b>Antennas</b>  |     |      |               |               |
|          | <ul style="list-style-type: none"> <li>● Low-Frequency Antenna: 50 to 100 MHz for deep targets</li> <li>● Mid Frequency Antenna: 300 to 500 MHz for mid-range to shallow targets</li> <li>● Both shielded antennas</li> <li>● Both with built-in DGPS</li> <li>● Wi-Fi connection/communication to Control Unit or any Android device</li> <li>● Powered by a 12V LI-Ion battery</li> <li>● IP 65</li> <li>● Antennas are capable of reproducing greater resolution and low noise levels with unprecedented dynamic range and bandwidth</li> </ul>                               |     |      |               |               |
|          | <b>Control Unit</b>  |     |      |               |               |
|          | <ul style="list-style-type: none"> <li>● Rugged tablet</li> <li>● Memory: 4GB RAM; 64GB Internal expandable to 512GB via MicroSD</li> <li>● Processor: 2GHz, 1.7GHz Octa-Core</li> <li>● Display: 1920 x 1200</li> <li>● Wi-Fi and Bluetooth ready</li> <li>● Positioning: GPS, Glonass, Beidou, Galileo</li> <li>● Battery: 7,100 mAh or higher</li> <li>● Operating hours: At least 10 hours or longer</li> <li>● With installed easy-to-use acquisition software integrated with a cloud platform. Also features real-time artificial intelligence interpretation.</li> </ul> |     |      |               |               |
|          | <b>Processing Software</b>   |     |      |               |               |
|          | <ul style="list-style-type: none"> <li>● 2D and 3D Data Processing and Interpretation Modular Software</li> <li>● Web-based software (developed by the Manufacturer) capable of processing 2D and 3D surveys on any computer device (Community License). Processed data can be viewed in Site Map.</li> </ul>  |     |      |               |               |
|          | <b>Accessories</b>   |     |      |               |               |
|          | <ul style="list-style-type: none"> <li>● With the following: wheeled terrain cart and pulling kit</li> <li>● With all necessary gears to harness, carry control unit and antenna</li> <li>● With complete accessories along with cable, rechargeable battery, additional battery pack, and charger</li> </ul>  |     |      |               |               |