



TECHNICAL SPECIFICATIONS

The supply, delivery, testing, commissioning and training of one (1) unit of geo-resistivity meter with the following general Specifications (minimum specifications unless otherwise specified):

| Geo-resistivity Meter | |
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| GENERAL | <ul style="list-style-type: none"> • Transport Case: IP66 Rating • GPS: Built-in GPS with support for GLONASS • Display: LCD, full color • Connectivity: Manual (Cables) and Wireless • Measure Modes: Resistivity, Self-Potential, Induced Polarization • Service Point: Accessible through Internet • Memory Capacity: 16 GB memory • Power Supply: 12V internal battery, 12V DC external power • Operating Temperature: -20°C to +70°C • Number of Electrodes: 81 |
| RECEIVER | <ul style="list-style-type: none"> • Number of Channels: 4 • Input Voltage Range: ± 600 V • Range: ± 2.5 V, ± 15 V, ± 600 V • Input Impedance: 200 MOhm (± 2.5 V range), 30 MOhm (± 15 V range), 20 MOhm (± 600 V range) • Precision: 0.1% • Accuracy: 0.2% • Resolution: Up to 3 nV at 1 sec integration (theoretical) |
| TRANSMITTER | <ul style="list-style-type: none"> • Maximum Output Power: 250 W • Maximum Output Current: 2500 Ma • Maximum Output Voltage: ± 600 V, 1200 V peak to peak • Current Accuracy: 0.2 % • Current Precision: 0.1% • Safety: Easily accessible safety switch |
| INCLUSIONS | <ul style="list-style-type: none"> • Geo-Resistivity Meter Accessories: <ul style="list-style-type: none"> • Cable for data Transfer • Battery Charger • 4 pcs - Imaging cable with 21 take-outs, 10 m spacing • 90 pcs - Steel electrode • 90 pcs - Cable-to-electrode jumper • 2 pcs - Cable joint for 21 take-out cables • Software: 2D+3D resistivity & IP inversion software • Field Data Acquisition Accessories: <ul style="list-style-type: none"> • 12V heavy duty battery with charger • 4 pcs - hammer • 6 pcs - two-way radios • 2 pcs - 100-meter measuring tapes • 5-day Training: Training for field data acquisition, processing |



Republic of the Philippines

ZAMBOANGA CITY WATER DISTRICT

Pilar Street, Zamboanga City



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| | and interpretation (maximum of 10) including airfares, meals, and travel allowances, if necessary. The bidder is required to issue certificates to all participants. |
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Prepared by:

A handwritten signature in black ink, appearing to read "Carolyn M. Torino".

CAROLYN M. TORINO
Officer In-Charge
Planning Division