

Section VII. Technical Specifications

GS

**Section VII- Technical Specifications-
PROCUREMENT OF ELECTRICAL/ELECTRONICS EQUIPMENT**

Item	Specification	Statement of Compliance
		<p><i>[Bidders must state here either "Comply" or "Not Comply" against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of "Comply" or "Not Comply" must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer's un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidder's statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution subject to the applicable laws and issuances.] Please state the brand and model being offered</i></p>
1	<p>TRUE RMS AC/DC CLAMP METER Features and benefits iFlex flexible current probe (sold separately) expands the measurement range to 2500 A AC while providing increased display flexibility, ability to measure awkward sized conductors and improved wire access CAT IV 600 V, CAT III 1000 V Proprietary inrush measurement technology to filter out noise and capture motor starting current exactly as the circuit protection sees it Ergonomic design fits in your hand and can be used while wearing personal protective equipment Large, easy to read backlight display automatically sets the correct measurement range so you do not need to change the switch positions while taking a measurement Electrical Specifications AC Current via Jaw; Range 374 and 375; 376 600.0 A 999.9 A; Resolution 0.1 A; Accuracy 2% ± 5 digits (10-100 Hz) 2.5% ± 5 digits (100-500 Hz); Crest Factor (50/60 Hz) 3 @ 500 A (375 and 376 only); 2.5 @ 600 A; 1.42 @1000 A (376 only)</p>	

**Section VII- Technical Specifications-
PROCUREMENT OF ELECTRICAL/ELECTRONICS EQUIPMENT**

	<p>Add 2% for C.F. > 2</p> <p>AC Current via Flexible Current Probe Range 2500 A Resolution 374 and 375 0.1 A (≤ 600 A); 1 A (≤ 2500A) 376 0.1 A (≤ 999.9 A); 1 A (≤ 2500 A); Accuracy 3% ± 5 digits (5 – 500 Hz); Crest Factor (50/60Hz) 3.0 at 1100 A (375 and 376 only) 2.5 at 1400 A; 1.42 at 2500 A; Add 2% for C.F. > 2</p> <p>DC Current Range 374 and 375; 376 600.0 A; 999.9 A Resolution 0.1 A; Accuracy 2% ± 5 digits; AC Voltage Range 374 and 375; 376 600.0 V; 1000 V Resolution 374 and 375; 376 0.1 V; 0.1 V (≤ 600.0 V) 1 V (≤ 1000 V); Accuracy 1.5% ± 5 digits (20 – 500 Hz) DC Voltage; Range 374 and 375; 376 600.0 V 1000 V; Resolution 374 and 375; 376 0.1 V 0.1 V (≤ 600.0 V); 1 V (≤ 1000 V); Accuracy 1% ± 5 digits</p>	
2	<p>INSULATION TESTER</p> <p>General Specifications: Maximum voltage applied to any terminal: 600 V ac rms or dc Storage temperature: -40 °C to 60 °C (-40 °F to 140 °F) Operating temperature: -20 °C to 55 °C (-4 °F to 131 °F) Temperature coefficient: 0.05 x (specified accuracy) per °C for temperatures < 18 °C or > 28 °C (< 64 °F or > 82 °F) Relative humidity noncondensing: 0 % to 95 % @ 10 °C to 30 °C (50 °F to 86 °F) 0 % to 75 % @ 30 °C to 40 °C (86 °F to 104 °F) 0 % to 40 % @ 40 °C to 55 °C (104 °F to 131 °F) Vibration: Random, 2 g, 5-500 Hz per MIL-PRF-28800F, Class 2 instrument Shock: 1 meter drop per IEC 61010-1 2nd Edition (1 meter drop test, six sides, oak floor) Electromagnetic compatibility: In an RF field of 3 V/M, accuracy = specified accuracy (EN 61326-1:1997) Safety: Complies with ANSI/ISA 82.02.01 (61010-1) 2004, CAN/CSA-C22.2 NO. 61010-1-04, and IEC/EN 61010-1 2nd Edition for measurement category IV 600 V (CAT IV)</p>	

**Section VII- Technical Specifications-
PROCUREMENT OF ELECTRICAL/ELECTRONICS EQUIPMENT**

	<p>Certifications: CSA per standard CSA/CAN C22.2 No. 61010.1-04; TUV per standard IEC/EN 61010-1 2nd Edition Batteries: Four AA batteries (NEDA 15A or IEC LR6) Battery life Insulation test use: Tester can perform at least 1000 insulation tests with fresh alkaline batteries at room temperature. These are standard tests of 1000 V into 1 MΩ with a duty cycle of 5 seconds on and 25 seconds off. Resistance measurements: Tester can perform at least 2500 earth bond resistance measurements with fresh alkaline batteries at room temperature. These are standard tests of 1 Ω with a duty cycle of 5 seconds on and 25 seconds off. Size: 5.0 cm H x 10.0 cm W x 20.3 cm L (1.97 in H x 3.94 in W x 8.00 in L) Weight: 550 g (1.2 lb) IP rating: IP40 Altitude, Operating: 2000 m CAT IV 600 V, 3000 m CAT III 600 V, Non-operating (storage): 12,000 m Over-range capability: 110 % of range Included accessories: TL224 Test Leads, TP74 Test Probes, clips PN 1958654 (red) and PN 1958646</p>	
3	<p>IntelliTone™ Pro 200 LAN Toner, Tracer and Probe Kit GENERAL SPECS: Operating temperature: 32 °F to 104 °F (0 °C to 40 °C) Storage temperature: -4 °F to +140°F (-20 °C to °C) Operating relative humidity (% RH without condensation) 95 % (50 °F to 95 °F; 10 °C to 35 °C) 75 % (95 °F to 104 °F; 35 °C to 40 °C) Uncontrolled < 50 °F (< 10 °C) Vibration: Random, 2 g, 5 Hz-500 Hz Shock: 1 m drop test Safety: EN 61010-1, Category: None Altitude: 3000 m EMC: EN 61326-1, FCC Part 15 B Battery type and life : 9 V alkaline (NEDA 1604A or IEC 6LR61); 20 hours typical</p>	

**Section VII- Technical Specifications-
PROCUREMENT OF ELECTRICAL/ELECTRONICS EQUIPMENT**

<p>Applications: Copper cabling media including; 75 or 50 Ohm Coaxial cable; Two Conductor control, security, generic cabling. 10 Base-T or 10/100 Base-T datacom networks. UTP cable. Shielded Twisted Pair supported in Cablemap function of the IntelliTone 200.</p> <p>TONER SPECS Dimensions: 5.54 in x 2.94 in x 1.25 in (14.1 cm x 7.5 cm x 3.2 cm) Display: LED Control: Thumbwheel switch Toner interface: Main Mod8 port for tone generation on all 4 pairs of UTP / STP cabling. F Connector for coaxial cabling Banana Jack Plugs (2) - two conductor wiring Toner frequency: IntelliTone™ signal: encoded digital signal Analog SmartTone signal: 500 - 1200Hz, 4 songs Output power: 5 V p-p Auto power down Turns off automatically after 2 1/2 hours of inactivity</p> <p>PROBE SPECS Dimensions; 8.73 in x 1.88 in x 1.26 in (22.2 cm x 4.8 cm x 3.2 cm) Display; (8) LED indicators, Sync LED indicator Audio: IntelliTone: Microprocessor controlled audio files Analog: Detected toner signal Control: Thumbwheel switch, volume control wheel Tone detection Detects IntelliTone™ digital signal for Locate, Isolate, and CableMap Detects analog SmartTone signal (500-1200Hz) and other analog toners. Toner interface Main Mod8 port for cablemap on all 4 pairs of UTP / STP cabling. Auto power down Turns off automatically after 1 hour of inactivity</p>	
<p>NOTE: ITEMIZED EVALUATION</p>	

