

Price Schedule for Goods Offered from Within the Philippines
[shall be submitted with the Bid if bidder is offering goods from within the Philippines]

For Goods Offered from Within the Philippines

Name of Bidder _____ Project ID No. _____ Page ____ of ____

1	2	3	4	5	6	7	8	9	10
Item	Description	Country of origin	Quantity	Unit price EXW per item	Transportation and all other costs incidental to delivery, per item	Sales and other taxes payable if Contract is awarded, per item	Cost of Incidental Services, if applicable, per item	Total Price, per unit (col 5+6+7+8)	Total Price delivered Final Destination (col 9) x (col 4)
	LOT 2: IT Maintenance Kit								
1	Specifications: <ul style="list-style-type: none"> • Industrial Ethernet Tools and Testers <ul style="list-style-type: none"> ○ Battery: <ul style="list-style-type: none"> ▪ Type: Lithium-ion, 3.6V, 6400mAh ▪ Life: 8 hours typical ▪ Charge time: 4.5 hours ▪ Charging temperature range: 0 °C to +40 °C ○ Power Adapter: <ul style="list-style-type: none"> ▪ Input: 100 to 240 VAC ±10%, 50/60 Hz ▪ Output: 15 VDC, 2 A maximum ▪ Class II 								

	<ul style="list-style-type: none"> ○ Host Interface: USB type C ○ Display: 800 x 480 color capacitive multi-touch ○ Operating Temperature: 0°C to 45°C ○ Storage Temperature: -10°C to +60°C ○ Operating Relative Humidity: <ul style="list-style-type: none"> ▪ 0 % to 90 %, 0°C to 35°C ▪ 0 % to 70 %, 35°C to 45°C ○ Operating Altitude: <ul style="list-style-type: none"> ▪ 4000m ▪ 3200m with AC adapter ○ Vibration: Random, 2 g, 5Hz - 500Hz ○ Drop: 1m drop, 6 sides ○ Diagnostic Protocols: <ul style="list-style-type: none"> ▪ Link Layer Discovery Protocol (LLDP) ▪ Cisco Discovery Protocol (CDP) ▪ Fast Link Pulses (FLP) ▪ Internet Control Messaging Protocol (ICMP) ▪ Dynamic Host Configuration Protocol (DHCP) ○ IP Address Setup: <ul style="list-style-type: none"> ▪ LinkIQ address, DNS Server, Gateway for IPv4 or v6 either manually or via DHCP ○ IP Ping Test Results: <ul style="list-style-type: none"> ▪ Four response time results for target, DNS Server(s), Gateway, plus average and number lost ○ Power Over Ethernet Compatibility: <ul style="list-style-type: none"> ▪ Ethernet Alliance Certified to IEEE 802.3af/at/bt 								
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	<ul style="list-style-type: none"> ▪ Hardware negotiation with signature resistance ▪ Software negotiation with LLDP/CDP ○ Power Over Ethernet Measurements: <ul style="list-style-type: none"> ▪ Loaded Voltage (V) ▪ Loaded Power (W) ○ Port Blink: Blink the light of the connected port ○ Test Port: <ul style="list-style-type: none"> ▪ Shielded 8-pin modular jack accepts 8-pin modular (RJ45) plugs ○ Commissioning Autotests: <ul style="list-style-type: none"> ▪ 10GBASE-T, 5GBASE-T, 2.5GBASE-T, 1000BASE-T, 100BASE-TX, 10BASE-T, Wire map Only ▪ Test Speed: 6 seconds for lengths < 70m ○ Cable Types: <ul style="list-style-type: none"> ▪ Balanced twisted-pair cabling ▪ Unshielded twisted-pair ▪ Screened twisted-pair ▪ 2-pair and/or 4-pair ○ Wire Map-Only Tests: <ul style="list-style-type: none"> ▪ Document wire map ▪ Length of each pair ▪ Diagnose split pairs ▪ User selectable ▪ User selectable crossover settings (Straight through, Half-crossover, Full-crossover) 								
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	<ul style="list-style-type: none"> <ul style="list-style-type: none"> ▪ Test speed: 1 second for lengths < 120m ○ Length (Maximum): <ul style="list-style-type: none"> ▪ 305m ○ Nominal Velocity of Propagation (NVP): <ul style="list-style-type: none"> ▪ User settable ○ Remote ID Locators: <ul style="list-style-type: none"> ▪ Use remote ID terminations to identify up to 7 unique ports or office outlets ● Laser distance measurers <ul style="list-style-type: none"> ○ Typical Measuring Tolerance: ±2.0 mm ○ Maximum Measuring Tolerance: ±3.0 mm ○ Range At Leica Target Plate GZM26: 50 m ○ Typical Range: 40 m ○ Range At Unfavorable Condition: 35 m ○ Smallest Unit Displayed: 1 mm ○ Ø Laser Point At Distances: 6 / 30 / 60 mm, (10 / 50 / 100 m) ○ Laser Class: 2 ○ Laser Type: 635 nm, < 1 mW ○ Protection Class: IP40 ○ Automatic Laser Off: After 90 seconds ○ Automatic Power Off: After 180 seconds ○ Inclusive of 2 x AAA batteries: <ul style="list-style-type: none"> ▪ Battery Life (2 x AAA) 1.5 V NEDA 24A/IEC LR03: Up to 3,000 measurements ○ Temperature Range: -25 °C to +70 °C ○ Storage Operation: 0 °C to +40 °C ○ Maximum Altitude: 3000 m 								
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	<ul style="list-style-type: none"> ○ Safety Standard: <ul style="list-style-type: none"> ▪ IEC Standard No. 61010-1:2001, EN60825-1:2007 (Class II) ○ EMC Standard: <ul style="list-style-type: none"> ▪ EN 55022:2010, EN 61000-4-3:2010, EN 61000-4-8:2010 ● True-RMS Digital Multimeter: <ul style="list-style-type: none"> ○ Voltage DC: <ul style="list-style-type: none"> ▪ Accuracy: $\pm(0.09\% + 2)$ ▪ Max. resolution: 0.1mV ▪ Maximum: 1000V ○ Voltage AC: <ul style="list-style-type: none"> ▪ Accuracy: $\pm(1.0\% + 3)$ ▪ Max. resolution: 0.1mV ▪ Maximum: 1000V ○ Current DC: <ul style="list-style-type: none"> ▪ Accuracy: $\pm(1.0\% + 3)$ ▪ Max. resolution: 0.01mA ▪ Maximum: 10A ○ Current AC: <ul style="list-style-type: none"> ▪ Accuracy: $\pm(1.5\% + 3)$ ▪ Max. resolution: 0.01mA ▪ Maximum: 10A ○ Resistance: <ul style="list-style-type: none"> ▪ Accuracy: $\pm(0.9\% + 1)$ ▪ Max. resolution: 0.1Ω ▪ Maximum: 50 MΩ ○ Capacitance: <ul style="list-style-type: none"> ▪ Accuracy: $\pm(1.2\% + 2)$ ▪ Max. resolution: 1nF ▪ Maximum: 10,000 μF ○ Frequency: <ul style="list-style-type: none"> ▪ Accuracy: $\pm(0.1\% + 1)$ 								
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	<ul style="list-style-type: none"> ▪ Max. resolution: 0.01Hz ▪ Maximum: 100 kHz ○ Temperature: <ul style="list-style-type: none"> ▪ Accuracy: $\pm(1.0\% + 10)$ ▪ Max. resolution: 0.1°C ▪ Range: -40°C / 400°C ○ Operating temperature: -10°C to +50°C ○ Storage temperature: -30°C to +60°C ○ Humidity (without condensation): <ul style="list-style-type: none"> ▪ 0% – 90% (0°C – 35°C) ▪ 0% – 70% (35°C – 50°C) ○ Overvoltage category: <ul style="list-style-type: none"> ▪ EN 61010–1 to 1000 V CAT III ▪ EN 61010–1 to 600 V CAT IV ○ Agency approvals: UL, CSA, TÜV listed and VDE Pending ○ Inclusions: <ul style="list-style-type: none"> ▪ Temperature Probe ▪ Installed 9V battery ▪ Test leads ▪ Users manual ○ Warranty: lifetime ○ Battery life: Alkaline ~200 hours typical, without backlight <ul style="list-style-type: none"> ● True-RMS AC/DC Clamp Meter <ul style="list-style-type: none"> ○ AC Current via Jaw <ul style="list-style-type: none"> ▪ Range: 600.0 A ▪ Resolution: 0.1 A ▪ Accuracy: <ul style="list-style-type: none"> ● 2% ± 5 digits (10 Hz to 100 Hz) ● 2.5% ± 5 digits (100-500 Hz) 								
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- Crest Factor (50 Hz/60 Hz):
 - 3 @ 500 A
 - 2.5 @ 600 A
 - Add 2% for C.F. >2
- AC Current via Flexible Current Probe:
 - Range: 2500 A
 - Resolution:
 - 0.1 A (≤ 600 A)
 - 1 A (≤ 2500 A)
 - Accuracy: 3% ± 5 digits (5 – 500 Hz)
 - Crest Factor (50/60Hz):
 - 3.0 at 1100 A
 - 2.5 at 1400 A
 - 1.42 at 2500 A
 - Add 2% for C.F. > 2
- DC Current
 - Range: 600 A
 - Resolution: 0.1 A
 - Accuracy: 2% ± 5 digits
- AC Current
 - Range: 1000 V
 - Resolution:
 - 0.1 V (≤ 600.0 V)
 - 1 V (≤ 1000 V)
 - Accuracy: 1.5% ± 5 digits (20 Hz to 500 Hz)
- AC Voltage
 - Range: 1000 V
 - Resolution:
 - 0.1 V (≤ 600.0 V)
 - 1 V (≤ 1000 V)
 - Accuracy: 1% ± 5 digits
- DC Voltage
 - Range: 1000 V
 - Resolution:

	<ul style="list-style-type: none"> <ul style="list-style-type: none"> ● 0.1 V (≤ 600.0 V) ● 1 V (≤ 1000 V) ▪ Accuracy: 1% ± 5 digits ○ mV DC <ul style="list-style-type: none"> ▪ Range: 500 mV ▪ Resolution: 0.1 mV ▪ Accuracy: 1% ± 5 digits ○ Frequency via Jaw <ul style="list-style-type: none"> ▪ Range: 5.0 to 500.0 Hz ▪ Resolution: 0.1 Hz ▪ Accuracy: 0.5% ± 5 digits ▪ Trigger Level: <ul style="list-style-type: none"> ● 5 to 10 Hz, ≥ 10 A ● 10 to 100 Hz, ≥ 5 A ○ Frequency via Flexible Current Probe <ul style="list-style-type: none"> ▪ Range: 5.0 to 500.0 Hz ▪ Resolution: 0.1 Hz ▪ Accuracy: 0.5% ± 5 digits ▪ Trigger Level: <ul style="list-style-type: none"> ● 5 to 20 Hz, ≥ 25 A ● 20 to 100 Hz, ≥ 20 A ● 100 to 500 Hz, ≥ 25 A ○ Resistance <ul style="list-style-type: none"> ▪ Range: 60 kΩ ▪ Resolution: <ul style="list-style-type: none"> ● 0.1 Ω (≤ 600 Ω) ● 1 Ω (≤ 6000 Ω) ● 10 Ω (≤ 60 kΩ) ▪ Accuracy: <ul style="list-style-type: none"> ● 1% ± 5 digits ○ Capacitance <ul style="list-style-type: none"> ▪ Range: 1000 μF ▪ Resolution: <ul style="list-style-type: none"> ● 0.1 μF (≤ 100 μF) ● 1 μF (≤ 1000 μF) ▪ Accuracy: 								
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	<ul style="list-style-type: none"> ● 1% ±4 digits ○ Mechanical Specifications <ul style="list-style-type: none"> ▪ Maximum voltage between any terminal and earth ground: 1000 V ▪ Batteries: 2 x AA, NEDA 15A, IEC LR6 ▪ Operating temperature: -10 °C to +50 °C ▪ Storage temperature: -40 °C to +60 °C ▪ Operating humidity - non-condensing (< 10°C): <ul style="list-style-type: none"> ● ≤90% RH (at 10 °C to 30 °C) ● ≤75% RH (at 30 °C to 40 °C) ▪ Operating altitude: 3,000 m ▪ Storage altitude: 12,000 m ▪ Jaw opening: 34 mm ▪ Flexible current probe diameter: 7.5 mm ▪ Flexible current probe cable length (head to electronics connector): 1.8 m ▪ Safety: <ul style="list-style-type: none"> ● IEC 61010-1, Pollution Degree 2 ● IEC 61010-2-032: CAT III 1000 V / CAT IV 600 V ▪ IP rating: IEC 60529: IP30, non-operating ▪ Radio Frequency Certification FCC ID: T68-FBLE IC:6627A-FBLE 								
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	<ul style="list-style-type: none"> ▪ Dimensions: 249 x 85 x 45 mm ▪ Electromagnetic Compatibility (EMC): <ul style="list-style-type: none"> • International: IEC 61326-1: Portable, Electromagnetic Environment, IEC 61326-2-2: CISPR 11: Group 1, Class A • Thermal Camera <ul style="list-style-type: none"> ○ Imaging & Optical: <ul style="list-style-type: none"> ▪ Camera software update: using USB cable or SD card ▪ Detector Pitch: 17 μm ▪ Digital image enhancement: No ▪ Display resolution: 320 x 240 pixels ▪ Field of view (FOV): 51° x 66° ▪ Focal Plane Array (FPA) - Spectral range: Uncooled microbolometer/7.5-14μm ▪ Focus: Fixed ▪ Gallery: Yes ▪ Image Frequency: 8.7 Hz ▪ Image Modes: MSX (Multi Spectral Dynamic Imaging) , visual ▪ IR Resolution: 80 x 60 pixels ▪ Laser: Class 1 ▪ Minimum Focus Distance: 0.3 m ▪ Minimum Measurement Distance: 0.26 m ▪ Resolution: 2 MP (1600 x 1200 pixels) 								
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	<ul style="list-style-type: none"> ▪ Thermal Sensitivity/NETD: < 70mK ○ Measurement & Analysis <ul style="list-style-type: none"> ▪ Accuracy: <ul style="list-style-type: none"> ● 50°C to 100°C, acc. ±1.5°C; 0°C to 50°C and 100°C to 300°C, acc. ±2.5°C; -25°C to 0°C, acc. ±3°C" ▪ Distance to Spot Ratio (D:S): 24:1 ▪ Emissivity Correction: Yes: 4 pre-set levels with custom adjustment of 0.1-0.99 ▪ Object Temperature Range: -25°C to 300°C ▪ Set-up Commands: <ul style="list-style-type: none"> ● Local adaptation of units, language, date, and time formats; Screen brightness (high, medium, low); Gallery, deletion of images ▪ Spot Meter: Center spot on/off ○ User Interface <ul style="list-style-type: none"> ▪ Display Technology: TFT ○ Power <ul style="list-style-type: none"> ▪ Battery charge life: 30 days minimum ▪ Battery operating time: <ul style="list-style-type: none"> ● 5 hours of scanning (LCM medium brightness); 4.5 hours with laser on (LCM medium brightness) 								
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	<ul style="list-style-type: none"> ▪ Battery type: Rechargeable Li ion battery ▪ Battery voltage: 3.7 V ▪ Charging system: Battery is charged inside the camera ▪ Charging Temperature: 0°C to 45°C ▪ Charging Time: 4 hours to 90%, 6 hours to 100% ▪ Power Management: Adjustable: off, 5 minutes, 15 minutes, 30 minutes ○ Environmental & Certifications <ul style="list-style-type: none"> ▪ Drop: Designed for 2 m ▪ EMC: EN 61000-6-3/EN 61000-6-2/FCC 47 CFR Part 15 Class B ▪ Encapsulation: IP54 (IEC60529) ▪ Humidity (Operating and Storage): <ul style="list-style-type: none"> ● 0–90% relative humidity (RH) (0°C to 37°C); 0–65% RH (37°C to 45°C); 0–45% RH (45°C to 55°C)) ▪ Magnetic fields: EN 61000-4-8 class 3 ▪ Operating Temperature Range: -10°C to 45°C ▪ Radio Spectrum: <ul style="list-style-type: none"> ● ETSI EN 300 328/FCC Part 15.249/RSS-247 Issue 2/EN 301 489-1:2011/EN 301 489-17:2009 								
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	<ul style="list-style-type: none"> ▪ Safety: CE/CB/EN61010/UL ▪ Shock: 25 g (IEC 60068-2-27) ▪ Storage Temperature Range: -30°C to 55°C ▪ Tripod Mounting: UNC ¼"-20 ▪ Vibration: 2 g (IEC 60068-2-6) ○ General <ul style="list-style-type: none"> ▪ Flashlight: LED on/off ▪ Laser Pointer: Indicating the size of measurement area ▪ Light Output: 100 lumens ▪ Storage Media: eMMC 4GB ● Portable Oscilloscope <ul style="list-style-type: none"> ○ Oscilloscope mode vertical <ul style="list-style-type: none"> ▪ Frequency response - dc coupled <ul style="list-style-type: none"> ● Without probes and test leads (with oscilloscope) <ul style="list-style-type: none"> ○ dc to 20 MHz (-3 dB) ● With 1:1 shielded test leads: <ul style="list-style-type: none"> ○ DC to 12.5 MHz (-3 dB) / dc to 20 MHz (-6 dB) ● With 10:1 Probe <ul style="list-style-type: none"> ○ dc to 20MHz (-3 dB) ▪ Frequency response - ac coupled <ul style="list-style-type: none"> ● Without probes and test leads: <10 Hz (-3 dB) 								
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	<ul style="list-style-type: none"> • With 1:1 shielded test leads: <10 Hz (-3 dB) • With 10:1 Probe: <10 Hz (-3 dB) ▪ Rise time, excluding probes, test leads <ul style="list-style-type: none"> • <17.5 ns ▪ Input impedance <ul style="list-style-type: none"> • Without probes and test leads: 1 MΩ//20 pF • With oscilloscope: 1 MΩ//24 pF • With 1:1 shielded test leads: 1 MΩ//230 pF • With 10:1 Probe: 5 MΩ//15.5 pF ▪ Sensitivity: 5 mV to 200 V/div ▪ Analog bandwidth limiter: 10 kHz ▪ Display modes: A, -A, B, -B ▪ Max. input voltage A and B <ul style="list-style-type: none"> • Direct, with test leads, or with Probe: <ul style="list-style-type: none"> ○ 600 Vrms Cat IV, 750 Vrms maximum voltage. • With oscilloscope: <ul style="list-style-type: none"> ○ 600 Vrms ▪ Max. floating voltage, from any terminal to ground <ul style="list-style-type: none"> • 600 Vrms Cat IV, 750 Vrms up to 400Hz ○ Oscilloscope mode horizontal <ul style="list-style-type: none"> ▪ Scope modes: Normal, Single, Roll 								
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	<ul style="list-style-type: none"> ▪ Ranges (normal): <ul style="list-style-type: none"> • Equivalent sampling: 20 ns to 500 ns/div • Real time sampling: 1 μs to 5 s/div • Single (real time): 1 μs to 5 s/div • Roll (real time): 1s to 60 s/div ▪ Sampling rate (for both channels simultaneously): <ul style="list-style-type: none"> • Equivalent sampling (repetitive signals): Up to 4 GS/s • Real time sampling 1 μs to 60 s/div: 40 MS/s ○ Trigger <ul style="list-style-type: none"> ▪ Screen Update: Free run, on trigger ▪ Source: A, B ▪ Sensitivity A and B: <ul style="list-style-type: none"> • At DC to 5 MHz: 0.5 divisions or 5 mV • At 40 MHz: 4 divisions ▪ Slope: Positive, negative ○ Advanced Scope Functions <ul style="list-style-type: none"> ▪ Display Modes: <ul style="list-style-type: none"> • Normal: Captures up to 25 ns glitches and displays analog-like persistence waveform • Smooth: Suppresses noise from a waveform • Glitch off: Does not capture glitches between samples 								
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	<ul style="list-style-type: none"> ● Envelope: Records and displays the minimum and maximum of waveforms over time ▪ Auto Set (Connect-and-View) <ul style="list-style-type: none"> ● Continuous fully automatic adjustments of amplitude, time base, trigger levels, trigger gap, and hold-off. Manual override by user adjustment of amplitude, time base, or trigger level ○ Input A and input B <ul style="list-style-type: none"> ▪ DC voltage (VDC) <ul style="list-style-type: none"> ● Ranges: 500 mV, 5 V, 50 V, 500 V, 750 V ● Accuracy: $\pm(0.5\% + 5 \text{ counts})$ ● Common mode rejection (CMRR): <ul style="list-style-type: none"> ○ >100 dB @ dc, >60 dB @ 50, 60, or 400 Hz ● Full scale reading: 5000 counts ▪ True RMS Voltages (V AC and V AC+DC): <ul style="list-style-type: none"> ● Ranges: 500 mV, 5 V, 50 V, 500 V, 750 V ● Accuracy for 5% to 100% of range (DC coupled) 								
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	<ul style="list-style-type: none"> ○ DC to 60 Hz (V ac+dc): $\pm(1\% +10 \text{ counts})$ ○ 1 Hz to 60 Hz (V ac): $\pm(1\% +10 \text{ counts})$ ● Accuracy for 5% to 100% of range (AC or dc coupled) <ul style="list-style-type: none"> ○ 60 Hz to 20 kHz: $\pm(2.5\% +15 \text{ counts})$ ● DC rejection (only VAC): $>50 \text{ dB}$ ● Common mode rejection (CMRR): <ul style="list-style-type: none"> ○ $>100 \text{ dB @ dc}$, $>60 \text{ dB @ 50, 60, or 400 Hz}$ ● Full scale reading: <ul style="list-style-type: none"> ○ 5000 counts, reading is independent of any signal crest factor. ▪ Peak <ul style="list-style-type: none"> ● Modes: Maximum peak, minimum peak, peak-to-peak ● Ranges: 500 mV, 5, 50, 500, 2200 V ● Accuracy: Maximum peak or minimum peak: 5% of full scale; peak-to-peak: 10% of full scale 								
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	<ul style="list-style-type: none"> ● Full scale reading: 500 counts ▪ Frequency <ul style="list-style-type: none"> ● Ranges: 1, 10, 100 Hz, 1, 10, 100 kHz, 1, 10, and 50 MHz ● Frequency range: 15 Hz (1 Hz) to 50 MHz in continuous autose ● Accuracy at 1 Hz to 1 MHz: $\pm(0.5\% + 2 \text{ counts})$ ● Full scale reading: 10,000 counts ▪ RPM <ul style="list-style-type: none"> ● Maximum reading: 50 kRPM ● Accuracy: $\pm(0.5\% + 2 \text{ counts})$ ▪ Duty Cycle <ul style="list-style-type: none"> ● Range: 2 to 98% ● Frequency range: 15 Hz (1 Hz) to 30 MHz in continuous autose ▪ Pulse Width <ul style="list-style-type: none"> ● Frequency range: 15 Hz (1 Hz) to 30 MHz in continuous autose ● Full scale reading: 1000 counts ▪ Amperes <ul style="list-style-type: none"> ● With current clamp ● Ranges: same as V DC, V AC, V AC+DC, or peak 								
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	<ul style="list-style-type: none"> ● Scale factors: 0.1, 1, 10, 100, 400 mV/A, 1 V/A, 10 mV/mA ● Accuracy: same as V DC, V AC, V AC+DC, or peak (add current clamp uncertainty) <ul style="list-style-type: none"> ▪ Decibel <ul style="list-style-type: none"> ● 0 dBV: 1 V ● 0 dBm (600/50 Ω): 1 mW referenced to 600 or 50 Ω ● dB on V DC, V AC, or V AC+DC ● Full scale reading; 1000 counts ▪ Crest Factor <ul style="list-style-type: none"> ● Range: 1 to 10 ● Full scale reading: 90 counts ▪ Phase <ul style="list-style-type: none"> ● Modes: A to B, B to A ● Range: 0 to 359° ● Resolution: 1° ▪ Vpwm <ul style="list-style-type: none"> ● Purpose: To measure on pulse width modulated signals, like motor drive inverter outputs ● Principle: Readings show the effective voltage based on the average value of samples over a whole number of periods of 								
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	<p>the fundamental frequency</p> <ul style="list-style-type: none"> ● Accuracy: As Vrms for sine wave signals <p>○ Input A to Common</p> <ul style="list-style-type: none"> ▪ Ohm <ul style="list-style-type: none"> ● Ranges: 500 Ω, 5, 50, 500 kΩ, 5, 30 MΩ ● Accuracy: $\pm(0.6\% + 5 \text{ counts})$ 50 Ω $\pm(2\% + 20 \text{ counts})$ ● Full scale reading: 50 Ω to 5 MΩ - 5000 counts; 30 MΩ - 3000 counts ● Measurement current: 0.5 mA to 50 nA, decreases with increasing ranges ● Open circuit voltage: <4 V ▪ Common Continuity (Cont) <ul style="list-style-type: none"> ● Beep: <(30 Ω \pm5 Ω) in 50 Ω range ● Measurement current: 0.5 mA ● Detection of shorts of: ≥ 1 ms ▪ Common Diode <ul style="list-style-type: none"> ● Measurement voltage: At 0.5 mA: >2.8 V ● At open circuit: <4 V ● Measurement current: 0.5 mA ● Polarity: + on input A, - on COM ▪ Capacitance (CAP) 								
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	<ul style="list-style-type: none"> ● Ranges: 50, 500 nF, 5, 50, 500 μF ● Full scale reading: 5000 counts ● Measurement current: 500 nA to 0.5 mA, increases with increasing ranges <ul style="list-style-type: none"> ○ Advanced Meter Functions <ul style="list-style-type: none"> ▪ Zero Set: <ul style="list-style-type: none"> ● Set actual value to reference ▪ AutoHold (on A): <ul style="list-style-type: none"> ● Captures and freezes a stable measurement result. Beeps when stable. AutoHold works on the main meter reading, with thresholds of 1 Vpp for AC signals and 100 mV for DC signals ▪ Fixed Decimal Point <ul style="list-style-type: none"> ● Activated by using attenuation keys ○ Recorder <ul style="list-style-type: none"> ▪ Meter Readings <ul style="list-style-type: none"> ● Measurement speed: Maximum 2 measurements ● Record size (minimum, maximum, average): 2 M readings for 1 channel ● Recorded time span: 2 weeks 								
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	<ul style="list-style-type: none"> <ul style="list-style-type: none"> <ul style="list-style-type: none"> ● Maximum number of events: 1024 ▪ Waveform Record <ul style="list-style-type: none"> ● Maximum sample rate: 400 K samples ● Size internal memory: 400 M samples recorded time ● Span internal memory: 15 minutes at 500 μs/div; 11 hours at 20 ms/div ● Record size SD card: 1.5 G samples ● Recorded time span SD card: 11 hours at 500 μs/div; 14 days at 20 ms/div ● Maximum number of events: 64 ○ General Specifications <ul style="list-style-type: none"> ▪ Waveform Display <ul style="list-style-type: none"> ● Vertical: 10 div of 40 pixels ● Horizontal: 12 div of 40 pixels ▪ Maximum Input Voltage A and B <ul style="list-style-type: none"> ● Direct on input or with leads: 600 Vrms CAT IV for derating ● With banana-to BNC adapter: 600 Vrms for derating ● Maximum floating voltage from any 								
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	<p>terminal to ground: 600 Vrms CAT IV, 750 Vrms up to 400 Hz</p> <ul style="list-style-type: none"> ▪ Display <ul style="list-style-type: none"> • Type: 5.7" color active matrix TFT • Resolution: 640 x 480 ▪ Interface <ul style="list-style-type: none"> • Optically isolated: Transfer screen copies (bitmaps), settings and data • USB to PC/laptop: OC4USB optically isolated USB adapter/cable, (optional), using FlukeView® software for Windows® ▪ Wireless Radio with Adapter <ul style="list-style-type: none"> • Frequency range: 2412 to 2462 MHz • Output power: <100 mW ▪ Environmental <ul style="list-style-type: none"> • MIL-PRF-28800F, Class 2 ▪ Temperature <ul style="list-style-type: none"> • Battery operation: 32 to 104°F (0 to 40°C) • Power adapter operation: 32 to 122°F (0 to 50°C) • Storage: -4 to 140°F (-20 to 60°C) non-condensing 								
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	<ul style="list-style-type: none"> ▪ Humidity (Operating) <ul style="list-style-type: none"> ● At 32 to 50°F (0 to 10°C): non-condensing ● At 50 to 86°F (10 to 30°C): 95% ● At 86 to 104°F (30 to 40°C): 75% ● At 104 to 122°F (40 to 50°C): 45% ▪ Altitude <ul style="list-style-type: none"> ● Operating at 10,000' (3 km): CAT III 600 V ● Operating at 6600' (2 km): CAT IV 600 V ● Storage: 40,000' (12 km) ▪ EMC Electromagnetic Compatibility <ul style="list-style-type: none"> ● USA (FCC): 47 CFR 15 subpart B (this product is considered an exempt device per clause 15.103) ▪ Enclosure Protection <ul style="list-style-type: none"> ● IP51, ref: EN/IEC60529 ▪ Safety <ul style="list-style-type: none"> ● General: IEC 61010-1: Pollution Degree 2 ● Measurement: IEC 61010-2-033: CAT IV 600 V/CAT III 750 V ▪ Memory <ul style="list-style-type: none"> ● Internal memory can store 20 data sets (screen waveform and setup) 								
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	<ul style="list-style-type: none"> ● Micro SD card slot with optional SD card (maximum size of 32 GB) ▪ Power <ul style="list-style-type: none"> ● External: Via power adapter BC430 ● Input voltage: 10 to 21 V DC Consumption: 5 W typical ● Input connector: 5 mm jack ● Internal: Via battery pack BP290 ● Battery power: Rechargeable Li-Ion 10.8 V ● Operating time: 7 hours with 50 % backlight brightness ● Charging time: 4 hours with test tool off, 7 hours with test tool on ● Allowable ambient temperature: 32 to 104°F (0 to 40°C) during charging ○ Inclusions <ul style="list-style-type: none"> ▪ 2 x Shielded Test Leads with Ground Leads ▪ Black Test Lead ▪ Red and Blue Hook Clips ▪ Banana to BNC Adapter ▪ Wi-Fi USB Adapter ▪ Li-Ion Battery Pack ▪ Charger/Power Adapter 								
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	<ul style="list-style-type: none"> ● Insulated Tool Set <ul style="list-style-type: none"> ○ Roll Up Pouch ○ Insulated Slotted Screwdriver 3/32, 3" ○ Insulated Slotted Screwdriver 5/32, 4" ○ Insulated Slotted Screwdriver 1/4, 5" ○ Insulated Phillips Screwdriver #1, 3" ○ Insulated Phillips Screwdriver #2, 4" ○ Insulated Long Nose /w Side Cutter and Gripping Zones ○ Insulated Heavy Duty High Leverage Diagonal Cutter ○ Insulated Heavy Duty Linesman Combination Plier ○ Other Attributes for screwdrivers, cutters, and pliers <ul style="list-style-type: none"> ▪ All certified to 1000 volts AC and 1500V DC ● Test lead set with accessories (Test Leads, Test Probes, Clips) <ul style="list-style-type: none"> ○ TL224 Insulated Test Lead Set <ul style="list-style-type: none"> ▪ Right angle connector on one end and straight on the other ▪ Extends test leads by 1.5 meters ▪ Silicone-insulated wire resists heat and cold ▪ CSA Listed ○ AC285 Alligator clips <ul style="list-style-type: none"> ▪ One pair (red, black) of large alligator clips with nickel-plated steel jaws ▪ Multi-purpose tooth pattern grips anything from fine gauge wire to a 20 mm bolt ▪ Recommended for use with TL222 and TL224 test leads 								
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	<ul style="list-style-type: none"> ▪ CAT IV 600 V; CAT III 1000 V, 10 A rating ▪ One year warranty ○ AC220 Alligator clips <ul style="list-style-type: none"> ▪ Insulated, nickel plated jaws ▪ Blunt tip grabs round screw heads up to 9.5 mm ▪ Recommended for use with modular test leads ▪ CAT IV 600 V, CAT III 1000 V, 10 A rating ○ AC280 Hook clips <ul style="list-style-type: none"> ▪ One pair (red, black) of nickel plated clips ▪ Profile narrows to 5.6 mm at tip, hook opening 6.4mm at front, 2 mm at base ▪ Recommended for use with TL222 and TL224 test leads ▪ CAT IV 600 V, CAT III 1000 V, 3 A rating. CSA listed ▪ One year warranty ○ TP175 test probes for dependable contact with a variety of test points <ul style="list-style-type: none"> ▪ Ratings: CAT II 1000 V, CAT III 1000 V, CAT IV 600 V, 10 A max., Pollution Degree 2 ▪ Probes always show correct category rating for tip being used ▪ Environmental ratings: -20 °C to 55 °C (-4 °F to 131 °F), altitude: 2000 m (6,562 ft) ▪ Conforms to EN61010-031 ▪ One-year warranty 								
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	<ul style="list-style-type: none"> ○ TPAK ToolPak Magnetic hanger for convenient suspension of DMM from a metal surface <ul style="list-style-type: none"> ▪ Durable, strong, rare-earth magnet hanger strap ▪ Hang with magnet or hook strap for non-magnetic surfaces ▪ Solves any hanging and positioning problem ▪ Easily work hands-free ▪ Inclusions <ul style="list-style-type: none"> ● 9-inch hook and loop strap ● Tapered hook and loop strap ● Universal hanger clip ● Hook hanger for non-magnetic surfaces ● Strong magnet ○ 80BK-A Integrated Digital Multimeter Temperature Probe <ul style="list-style-type: none"> ▪ Type-K thermocouple with standard shrouded banana jack ▪ Convenient one piece construction ▪ Compatible with DMMs with temperature measurement functions ▪ Measurement range: -40 to 260°C ▪ Accuracy: +/- 2.2 °C or 2% whichever is greater ((0 to 260 °C) ▪ 1 m (39 in) lead ▪ One year warranty 								
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	<ul style="list-style-type: none"> ○ C116 Protective soft case for DMM and all its accessories <ul style="list-style-type: none"> ▪ Includes adjustable padded space with a moveable divider for protection of two test tools, such as a digital multi-meter and a current probe ▪ Durable polyester 600D case construction for long life ▪ Compatible with Fluke 20, 70, 11X, 87V, 170 Series digital multimeters and other similar format test tools ▪ One-year warranty <p>Inclusions:</p> <ul style="list-style-type: none"> ● 1 year warranty ● Inclusive of installation, configuration, knowledge transfer, service and delivery fees, and all other charges <p>Additional Requirement:</p> <ol style="list-style-type: none"> 1. Brochure of equipment/item, specifying its make/model/unit number and specifications. If possible, include performance metrics/reviews, establishing reliability and credibility of the product. 								
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Name: _____

Legal Capacity: _____

Signature: _____

Duly authorized to sign the Bid for and behalf of: _____