



ABSTRACT OF QUOTATION
SOLICITATION Number: RSU-62-19
ABC: PhP1,331,020.84
QTY: 22

PROCUREMENT OF SCIENTIFIC EQUIPMENT FOR THE COLLEGE OF ENGINEERING AND TECHNOLOGY (REPOST)

LOT-4: ELECTRICAL ENGINEERING LABORATORY EQUIPMENTS (ABC: PhP953,750.00, QTY: 20)

LOT-6: AGRICULTURAL ENGINEERING LABORATORY EQUIPMENTS (ABC: PhP377,270.84, QTY: 2)

LOT-4: ELECTRICAL ENGINEERING LABORATORY EQUIPMENTS (ABC: PhP953,750.00, QTY: 20)

UNIT	ITEM DESCRIPTION	QTY	ESTIMATED UNIT COST	ESTIMATED COST
unit	3-Phase Power Analyzer Analyzer; 600Vrms, 30Arms/1Arms Internal Shunts; 20Vpk (2mm Banana Plug); 45-850Hz Range; 5-2000V Range; 30A Shunt (1-200A) & 1A Shunt (12.5mA - 5A); 1ph (2-3W), 3ph (3W,4W,3W - 3V3A); USB Host, USB, Ethernet, RS232, GPIB; Power Input - 100Vto240V, 60Hz, 120VA Max.; 5.2"x15.5"x13.2" Dimension	1		
unit	Complete Set PLC Training Equipment (8 Digital I/O; 8 Analog I/O; Temp.Sensor; Humidity Sensor; Floatless Relay; HMI-10" touchscreen Panel; 8 Momentary Button; 8-24V- Pilot Light; 8-24V Dry Contact Relay; 1-PC Set with Software Embedded)	1		
unit	5kV DC Max. Insulation Resistance Tester (Megger) Dimension: 9.1x9.1x9.1 Inches; 2-in-1 insulation Multimeter w/Clamp	1		
unit	Earth Tester 0-20 Ohm Range (0.10 ohm resolution); 0-200ohm range (0.1ohm resolution); 0-2000ohms range (1ohm resolution); + or - 2% reading + 2 Digits or + or - 0.1ohm; 0-200VAC, 40-500Hz; 80% Operating Humidity; 32-104 deg.F., Operating Temperature	1		
unit	Complete Set Electrician Tools (Pliers; Diagonal Side Cutting; Needle Nose Pliers; Strippers; Channel Locks; 6 Models Screwdrivers; Knives&Pocket Knives; Pipe Reamer; Electrician Level; Voltage Detector; Tape Measure; Roto Split; Rock Saw; Multitester; Step Drill Bits; Safety Googles; Cut Resistive Gloves; Blade Cutter)	5		
unit	1-Phase, 230V Automatic Transfer Switch (ATS)	5		
unit	3-Phase, 230V/18V Transformer	5		
unit	Thermal Scanner (8-14 micron spectral wavelengths; 100,000 imaging pixels and up; Facilitate extreme temperature in excess 2000 deg. F.; imaging sensor refresh rate no less than 46 times per second; rechargeable batteries lasts for 5 hrs & up; Video/images is downloadable to a PC using USB; 2.4 GHz Wireless Transmitter)	1		
TOTAL	QTY	20	ESTIMATED COST	



LOT-6: AGRICULTURAL ENGINEERING LABORATORY EQUIPMENTS (ABC: Php377,270.84, QTY: 2)

UNIT	ITEM DESCRIPTION	QTY	ESTIMATED UNIT COST	ESTIMATED COST
unit	<p>OVEN NATURAL CONVECTION, STANDARD 50 Liters ThermoStable™ ON Ovens, Gravity Convection-type, 50 liters With 2×Wire Shelves, Digital Fuzzy Control, Jog-Dial with Push Button, Digital LCD with Backlight, up to 230°C, ±0.5°C with Certificate & Traceability : Controlled by Serial Number, Certificate, Delivery-information, and Traceable Data Base System ■ Digital Fuzzy Control System Implementing Superior Temperature Accuracy ■ Optimized Air Flow by Gravity Convection Mechanism ■ Patented Jog-Dial Control System ■ UL / CUL Certified ■ CE Certified ■ GD(Good Design)-mark ■ PL(Product Liability) Insurance; Interior Dimension:370x350x420mm; Exterior Dimension: 518x647x724mm; Heater Power 650W;Temp Range:+5degC to 230degC; Control resolution: +/- 0.1 degC; RS 232 port; Heat up time 30min to 100degC; Display: digital LCD with backlight; External material: powder coated steel; Internal material: stainless steel 304; Insulation: wool; Safety device: Over temperature and over current protector, sensor error detector; Net wt: 44kg; Power consumption: 674 W; Power supply: 1phase, 230V, 6Hz. With desiccators 3 units (6", 8" and 12") borosilicate glass with cover and porcelain plate and 1kg desiccant</p>	1		
unit	<p>Halogen Moisture Analyzer A&D, Japan Model: MX-50 Capacity: 51g Min. Display-Moisture Content 0.01%/0.1% Min. Display-Weight 0.001 g Temp: 50-200°C With SRA (Secondary Radiation Assist) filter. With SHS (Super Hybrid Sensor). High moisture content measurement at 0.001% resolution. Standard WinCT-Moisture software (for MS&MX) for real-time graph displaying. With Sodium Tartrate Dihydrate standard for accuracy checking. Laptop for data gathering included; i7 processor.</p>	1		
TOTAL		QTY	2	ESTIMATED COST