


Republic of the Philippines
DEPARTMENT OF SCIENCE AND TECHNOLOGY
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REQUEST FOR QUOTATION

Company Name: _____ Date: 8/18/2020
Address: _____ Quotation#: 306-2020

Please quote your lowest price on the item/s listed below, subject to the General Conditions on the last page, stating the shortest time of delivery and submit your quotation duly signed by your representative not later than _____ in the return envelope attached herewith.


IMELDA S. MEZO
Chief Admin. Officer

Item No.	Item & Description	QTY.	UNIT OF MEASURE	UNIT PRICE
1	PT-1000 Temperature Kit	4	set	
	Kit includes:			
	1 unit Temperature Circuit			
	1 unit PT-1000 Temperature Probe with BNC Connection			
	Full temperature sensing range -200degC to +850degC			
	Cable Max Temp 125degC, Min Temp -55degC			
	Cable Length: 81cm or 32 inches			
	1 unit Pre-assembled Female BNC Connector			
	Female BNC Specs: Thread size 1/2 inch - 28			
2	pH Kit	3	set	
	Kit includes:			
	1 unit pH circuit			
	1 unit Double Junction silver/ silver chloride Lab grade pH Probe			
	3 unit 125 mL (4oz) calibration solutions (pH 4, pH 7, pH10)			
	1 unit 125 mL (4oz) storage solution			
	1 unit electrically isolated carrier board			
	1 unit SMA to SMA Adapter			
	Carrier board dimensions: 56.2mm x 32mm, Weight: 25 grams			
3	Dissolve Oxygen Kit	3	set	
	Kit includes:			
	1 unit Dissolved Oxygen Circuit			
	1 unit Dissolved Oxygen Probe			
	1 unit 125mL (4oz) 0 Dissolved Oxygen calibration solution			
	1 unit Pre-assembled Female BNC Connector			
	1 unit Basic Inline Voltage Isolator			
	Female BNC Specs: Thread Size 1/2 inch			
	Carrier board dimensions: 56.2mm x 32mm, Weight: 25 grams			

4	Inline Voltage Isolator	9	pc	
	Specifications:			
	Basic Inline Voltage Isolator			
	Data Input: UART, I2C, SMBus			
	Max Data Rate: 1MHz			
	Output Volatge: 3.9V +/-0.07			
	Voltage Input: 3.0V - 5.0V			
	Power Saving: EN Pin			
	Current Consumption: 5V - 15mA			
	Circuit Dimensions: 13.97mm x 20.16mm			
5	Serial Port Expander	3	pc	
	Specifications:			
	Expand a single UART (RX/TX) serial port into 8 additional serial ports			
	Easily connected two Serial Port Expanders together to get 16 additional serial ports			
	Operating Voltage: 3.3V to 5V			
	Power Consumption: 0.8mA at 3.3V, 3mA at 5V			
6	TDS Sensor Meter	3	set	
	Signal Transmitter Board Specifications:			
	Input Voltage: 3.3V - 5.5V			
	Output Voltage: 0 - 2.3V			
	Working Current: 3 - 6mA			
	TDS Measurement Range: 0-1000ppm			
	TDS Measurement Accuracy: +/-10%			
	Module Size: 42 x 32mm			
	Module Interface: PH2.0-3P			
	Electrode Interface: XH2.54-2P			
	TDS Probe Specifications:			
	Number of Needle: 2			
	Total Length: 83cm			
	Connection Interface: XH2.54-2P			
	Color: Black			
	Other: Water Proof			
7	Turbidity Sensor	3	set	
	Specifications:			
	Operating Voltage: 5V DC			
	Operating Current: 40mA (MAX)			
	Response Time: <500ms			
	Insulation Resistance: 100M (Min)			
	Output Method: Analog			
	Analog Output: 0-4.5V			
	Digital Output: High/Low level signal (you can adjust the threshold value by adjusting the potentiometer)			
	Operating Temperature: 5°C-90°C			
	Storage Temperature: -10°C-90°C			
	Weight: 30g			
	Adapter Dimensions: 38mm*28mm*10mm/1.5inches*1.1inches*0.4inches			

8	GPRS/GSM Shield	3	pc	
	Specifications:			
	Quad-Band 850 / 900 / 1800 / 1900 MHz			
	SIM900			
	Development Board Quad-Band Module Compatible High Quality			
	Size: 8.5x5.7x2cm (approx)			
	Industrial Temperature Range: -40°C to +85°C			
	Low power consumption - 1.5mA(sleep mode)			
	Speaker and Headphone jacks			
	Selectable serial port			
	RTC supported			
	Embedded TCP/UDP stack - allows you to upload data to a web server			
	GPRS multi-slot class 10/8			
	GPRS mobile station class B			
	Compliant to GSM phase 2/2+			
	Class 4 (2 W @ 850 / 900 MHz)			
	Class 1 (1 W @ 1800 / 1900 MHz)			
9	Weatherproof Plastic Enclosure	3	pc	
	Specifications:			
	110mm x 180mm x 90mm external size			
	Interior Height: 70mm / 2.8"			
	IP Rating: IP66 weather proof rating			
10	Weatherproof ABS Enclosure	4	pc	
	Specifications:			
	Size: 132mm x 83.5mm x 43.7mm			
	IP Rating: IP65 rating			
11	Presensitized PCB Board Double Side	5	pc	
	Dimensions: 4 inches x 6 inches			
	Material: Double side presensitized			
12	Real Time Clock and EEPROM DS3231 AT24C32 Module	6	pc	
	Specifications:			
	Size: 38mm x 22mm x 14mm			
	Operating Voltage: 3.3 - 5.5V			
	Clock Chip: DS3231			
	Memory: AT24C32 (storage capacity 32K)			
13	CR2032 Lithium Coin Battery	6	pack	
	Specifications:			
	2 pcs per pack			
	Nominal Voltage: 3V			
	Maximum Current: 0.19A			
	Typical Capacity: 240mAh			
	Service Life: ~ 720 hours			
	Operating Temperature: -30degC to 60degC			
14	LIR2031 Coin Cell	6	pack	
	Specifications:			
	2 pcs per pack			
	Nominal Voltage: 3.7V			

	Grade: Grade A Lithium Ion Rechargeable Button Cell			
	Capacity: 40mAh			
	Current: 40mA			
15	Temperature and Humidity Sensor Module	3	pc	
	Specifications:			
	Operating Voltage: 3 to 5V power and I/O			
	5mA max current use during conversion (while requesting data)			
	Good for 0-100% humidity readings with 2-5% accuracy			
	Good for -40 to 80°C temperature readings ±0.5°C accuracy			
	No more than 0.5 Hz sampling rate (once every 2 seconds)			
	Body size 27mm x 59mm x 13.5mm (1.05" x 2.32" x 0.53")			
	4 pins, 0.1" spacing			
16	Non-contact IR Temperature Sensor	5	pc	
	Specifications:			
	Operating Voltage: 3.3V - 5V			
	Operating Current: 1.2mA			
	Temperature: -70.0°C to +380°C, (0.02°C resolution)			
	Interface Type: I2C			
	Interface Line Sequence: VCC, GND, SCL, SDA			
	Dimensions: 11.17mm / 1.24 x 0.7 inches			
17	MPPT Solar Panel Controller With V/I Display	3	pc	
	5A MPPT Solar Panel Controller with Display Unit			
18	Monocrystalline Solar Panel	3	pc	
	Specifications:			
	Type: 50W Solar Panel			
	Tolerance: +/-5%; SLA Voltage: 18V			
	Type of Solar Cell: Monocrystalline			
	Open Circuit Voltage (Voc): 18V; Maximum System Voltage: 18V			
	Temperate Coefficient of Isc: (010+/-0.01) %/C			
	Temperate Coefficient of Voc: - (0.38 +/- 0.01) %/C			
	Temperate Coefficient of Power Voc: - 0.47%/C			
	Temperature Ranges: -40°C to +80°C; Clip Cable: 3M			
19	Digital Voltage Display	3	pc	
	Specifications:			
	Power Input / Measuring Voltage: 4.5 ~ 30VDC			
	Working Current: <23mA			
	Permissible error: 1% (+/-1 digit)			

	Display mode: 3-Digits 0.36" 7-Segment LED			
	Display Color: Red			
	Dimensions: 14.5x23x9mm			
20	Soldering Lead	6	roll	
	Specifications:			
	size: 1mm			
	Length: 50M			
21	Lead Acid Battery	3	pc	
	Capacity: 7.8Ah			
	Nominal voltage: 12V			
	Terminal Type: Faston F1			
	Type: Lead Acid			
	Rechargeable and Sealed			
	*****ALL ITEMS*****			
	****VAT INCLUSIVE*****			
	****FOB DOST-Caraga*****			
	Purpose: Development of Smart Water Quality Monitoring System for Waste Water Processing Project in Caraga Region.			
	PR#: 2020-08-320			

After having carefully read and accepted your General Conditions, I/We quote you on the item at prices

Printed Name/Signature of Supplier

Contact Number

Date