



Republic of the Philippines
Department of Agriculture
BUREAU OF SOILS AND WATER MANAGEMENT
SRDC Building Elliptical Road corner Visayas Avenue,
Diliman, Quezon City 1101
customers.center@bswm.da.gov.ph
Tel. no. (632) 8273-2474 local 3202

NOTICE OF AWARD

LIEZL SAN PEDRO
Sales Manager
Pro Maintech Consultancy, Inc.
Block 9 Lot 14 Maya St. Camella Homes 2E
Alabang, Muntinlupa City, Philippines

Dear **Ms. San Pedro**:

We are pleased to inform you that your bid dated February 29, 2024 for the execution of the contract for **Supply and Delivery of various Technical and Scientific Equipment for CY 2024 - IB NO: BSWM-2024-01-022 Various Items** with a Contract Price equivalent to **One Million Twenty Two Thousand Eight Hundred Pesos (1,022,800.00)** undertaken through Public Bidding has been determined as the **Single Calculated and Responsive Bid (SCRB)**, therefore being **accepted**. (Please see attached Annex A for more details).

You are hereby required to **provide within ten (10) calendar days** from the receipt of this notice, a **Performance Security** in the form and amount stipulated below and the **signed Contract Agreement**. The Performance Security shall be denominated in Philippine Pesos and posted in favor of the Procuring Entity in an amount not less than the required percentage of the total contract price in accordance with the following schedule:

Form of Performance Security	Amount of Performance Security (Not less than the Percentage of the Total Contract Price)
(a) Cash or cashier's/manager's check issued by a Universal or Commercial Bank.	Five percent (5%)
(b) Bank draft/guarantee or irrevocable letter of credit issued by a Universal or Commercial Bank: Provided, however, that it shall be confirmed or authenticated by a Universal or Commercial Bank, if issued by a foreign bank.	Five percent (5%)
(c) Surety bond callable upon demand issued by a surety or insurance company duly certified by the Insurance Commission as authorized to issue such security. <u>Together with the surety bond, a copy of a valid Certification from Insurance Commission must be submitted by the bidder which must state that the surety or the insurance company is specifically authorized to issue surety bond.</u>	Thirty percent (30%)



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ISO/IEC 17025: 2017

LA-2016-299B
ATEL-1-1021-299B
Laboratory Services Division

LA-2023-423A
Soil and Water Resources
Research Division

Failure to provide and comply with the above-mentioned requirement shall constitute sufficient ground for the annulment of the award and forfeiture of the bid security.

Very truly yours,


GINA P. NILO, Ph.D.
Director
March 26,

Digitally signed by Nilo
Gina Parde
DN: cn=Nilo Gina Parde,
o=Bureau of Soils and
Water Management,
ou=PH, email=ginaparde@phd.gov.ph, c=PH

Digitally signed by
Solano Denise
Araullo

I acknowledge receipt of this Notice on:
Name of the Representative of the Bidder:
Authorized Signature:

March 27, 2024

Liesl San Pedro



ANNEX A
SUPPLY AND DELIVERY OF TECHNICAL AND SCIENTIFIC EQUIPMENT FOR CY 2024

Item No.	Item Description	Qty	Unit	Unit Cost	Total Cost	Offered Brand/Model
	Supply and Delivery of various Technical and Scientific Equipment					
	WRMD INS Various 2024-01-0061					
2	SOIL MOISTURE AND TEMPERATURE SENSOR (5TE by Meter/ formerly Decagon) Specifications: - three probe sensor - dielectric measurement frequency (70MHz) -volumetric water content (VMC: using top equation: ±0.03m3/m3 (±3% VMC) typical in mineral soils that have solution electrical conductivity <10dS/m Using medium specific calibration, ±0.01 - 0.02m3/m3 (±1-2% VMC) in any porous medium temperature: ±1°C -Resolution: VMC:0.0008m3/m3 (0.08% VMC) from 0 to 50% VMC 0,25% VMC (rockwool) Temperature: 0.1°C -Range EC: 0-23dS/m (bulk)	16	pc	25,000	400,000	SOIL MOISTURE AND TEMPERATURE SENSOR (5TE by Meter/ formerly Decagon) Specifications: - three probe sensor (water content, electrical conductivity, and temp. of soil and growing media) - dielectric measurement frequency (70MHz) -volumetric water content (VMC: using top equation: ±0.03m3/m3 (±3% VMC) typical in mineral soils that have solution electrical conductivity <10dS/m Using medium specific calibration, ±0.01 - 0.02m3/m3 (±1-2% VMC) in any porous medium temperature: ±1°C -Resolution: VMC:0.0008m3/m3 (0.08% VMC) from 0 to 50% VMC 0,25% VMC (rockwool) Temperature: 0.1°C -Range

	Temperature: -40-50°C Dimensions: 10 x3.2x 0.7cm Cable: 5m, customized cabling wiht waterproof connector, 3-pin Measurement: 150 ms - Time Power: 3.6-15 VDC, 0.3mA quiescent, 10mA during 150ms measurement Output: SDI-12 Warranty 2 years Note: Compatible with the current ASTI datalogger				EC: 0-23dS/m (bulk) Temperature: -40-50°C Dimensions: 10 x3.2x 0.7cm Cable: 5m, customized cabling with waterproof connector, 3-pin Measurement: 150 ms - Time Power: 3.6-15 VDC, 0.3mA quiescent, 10mA during 150ms measurement Output: SDI-12 Warranty 2 years Note: Compatible with the current ASTI datalogger
3	Drying Cartridge Specs: -CSD3 Drying Cartridge for sunshine Duration Sensor - Good for 3 years Notes: -warranty: 2years - price is inclusive of government duties, taxes and other fees	16	pc	800	12,800
4	LEAD ACID BATTERY (Motolite 12V, 17AH) Voltage: 12-24v Charging current: 12V (6A-8A-10A) optional/24V (6A) optional Rate input voltage: AC120-250V Rated working frequency: 50HZ Battery type:12V24V lead-acid battery/AGM battery/water battery/dry battery Full load convert efficiency: 93%±3 *meet the requirements of SAE	16	pc	4,000	64,000
5	DATA LOGGER PART (GDAT main board)	9	pc	7,000	63,000

DATA LOGGER PART
(GDAT main board)
Supplier: DOST-ASTI Fabrication

[illegible]

	Specs : - includes board fabrication and component assembly - includes component sourcing based on BOM - gerber and BOM files are available upon request - must pass based on testing procedure submitted PCB specs: - Dimension: 24.4mm x 64.2mm - Material: FR-4 - Silkscreen: White (Top and bottom) - Solder Mask: Double - LPI color: Green - PCB Thickness : 1.64 mm - Number of Electrical Layers : 4 and 2 Qty breakdown: - 1 pair = 1 pc of Power Board 1 and 2				Specs: - includes board fabrication and component assembly - includes component sourcing based on BOM - gerber and BOM files are available upon request - must pass based on testing procedure submitted PCB specs: - Dimension: 24.4mm x 64.2mm - Material: FR-4 - Silkscreen: White (Top and bottom) - Solder Mask: Double - LPI color: Green - PCB Thickness: 1.64 mm - Number of Electrical Layers: 4 and 2 Qty breakdown: - 1 pair = 1 pc of Power Board 1 and 2	
8	CONTROLLER BOX ASSEMBLY . Instrument A. Circuit boards - includes sourcing and assembly of components based on the Bill of Materials(BOM) (available upon request) - includes fabrication of printed circuit boards(PCB) based on gerber files (available upon request) B. Enclosure - fabrication of customized casing for the datalogger based on drawing design - includes fabrication of ASTI-designed interconnect junction box based on drawing design - includes industrial design for the tooling - materials: weatherproof and UV-resistant	11	set	30,000	330,000	CONTROLLER BOX ASSEMBLY Supplier: DOST-ASTI Fabrication . Instrument A. Circuit boards - includes sourcing and assembly of components based on the Bill of Materials (BOM) (available upon request) - includes fabrication of printed circuit boards (PCB) based on gerber files (available upon request) B. Enclosure - fabrication of customized casing for the datalogger based on drawing design - includes fabrication of ASTI-designed interconnect junction box based on drawing design - includes industrial design for the tooling - materials: weatherproof and UV-resistant

- ingress protection: IP67 C. Assembly and Testing - includes all assembly and integration of boards, enclosure/mechanical fixtures, solar panels and sensors - includes functional testing and must pass based on end-user's testing procedure II. Packaging A. Fabrication of customized box - material: corrugated carton - includes design of packaging box for the ff: 1. Datalogger - Die cut, self locking, with anti static packing/bag (metallised)					- ingress protection: IP67 C. Assembly and Testing - includes all assembly and integration of boards, enclosure/mechanical fixtures, solar panels and sensors - includes functional testing and must pass based on end-user's testing procedure II. Packaging A. Fabrication of customized box - material: corrugated carton - includes design of packaging box for the ff: 1. Datalogger - Die cut, self locking, with anti static packing/bag (metallised)
TOTAL					1,022,800.00