

PURCHASE ORDER
INDUSTRIAL TECHNOLOGY DEVELOPMENT INSTITUTE

Appendix 61

23-390 IT

Supplier : BP INTEGRATED TECHNOLOGIES, INC.		P.O. No. : GIAE-PO-2023-11-1379 (EBD)			
Address : Purok 3, Barangay Maunong, Calamba City, Laguna		Date : November 7, 2023			
TIN :		Mode of Procurement : Public Bidding			
Gentlemen: Please furnish this Office the following articles subject to the terms and conditions contained herein:					
Place of Delivery : EBD Building		Delivery Term : 90 calendar days			
Date of Delivery :		Payment Term :			
Stock/ Property No.	Unit	Description	Quantity	Unit Cost	Amount
	lot	Supply, Delivery, Installation and Commissioning of One (1) unit PM Mass Monitor	1	5,876,388.42	5,876,388.42
	unit	PM Mass Monitor Model: T640X Brand: Teledyne API	1		
		Specifications: Performance <ul style="list-style-type: none"> • Measurement Principle - Broadband spectroscopy using 90° white-light scattering with Polychromatic LED • Particle size resolution - 256 sizes over 0.18 - 20µm range, combined to 64 channels for mass calculation • PM Mass Resolution Measurements - PM10, PM2.5, and PM10-2.5 simultaneously; PM1 (optional) • PM Mass Resolution Measurement Range - 0.1 - 10,000 µg/m3 • Mass Measurement & Display Resolution - 0.1 µg/m3 • Precision - ±0.5 ug/m3 (1-hr average) • Lower Detectable Limit - <0.1 ug/m3 (1-hr average) • Date Rate - 10s to 48hr (user selectable) • Mass Concentration Accuracy - Exceeds US EPA PM10 FEM and Class III FEM PM2.5 performance requirements for additive and multiplicative bias compared to FRM samplers • Flow rate - 5.0-lpm sample flow (Standard model); 11.67-lpm optional bypass flow 			

231849

EMAILED

Recipient: _____
Date: 11-30-23 Time: _____

INDUSTRIAL TECHNOLOGY DEVELOPMENT INSTITUTE

INSPECTED AS PER INVOICE
No. _____ Dated _____

Inspection Committee Member / Date

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Gentlemen:
Please furnish this Office the following articles subject to the terms and conditions contained herein:

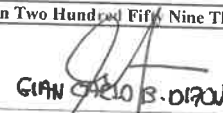
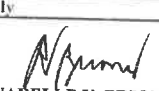
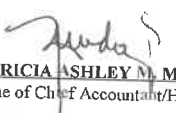
Place of Delivery : EBD Building	Delivery Term : 90 calendar days
Date of Delivery :	Payment Term :

Stock/ Property No.	Unit	Description	Quantity	Unit Cost	Amount
		(with option 640x) Operating Conditions • Flow Accuracy - Within ±1%; (Typically within ±0.5%) • Operating Temperature - 0 - 50°C, non-condensing • Ambient Temperature - -40-60°C • Ambient Relative Humidity - 0 - 100% • Sample Humidity Control - 24VDC, 90W (max) heater controlled to 35% RH • Weatherproof enclosure required with 0 - 50°C non-condensing environmental control • Requires only 10-min warm-up time Interface and Data Storage • T series analyzer interface with full touch screen display and NumaView premium operating software and NumaView remote software • 4Gb memory allows for >1 year of internal data storage • Front Panel USB Ports - 2x type-A Peripheral Ports • Ethernet Communication (supports TCP/IP Modbus and HTTP and polling protocols) Electrical • T640 Instrument 100 - 240VAC 50/60Hz, Power consumption < 120W @ 120VAC • External pump 100 - 120VAC 60Hz or 220-240VAC 50/60Hz, Power (for optional			

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Stock/ Property No.	Unit	Description	Quantity	Unit Cost	Amount
	lot	bypass flow - option 640x) consumption <360W @ 120VAC <u>Physical Specifications</u> • Unit dimensions (HxWxD) - 7" x 17" x 14" (17.8 x 43.2 x 35.6 cm) • Unit weight - 19 lbs (8.6 kg) • Sample heater tube height - 43" (109 cm) • Sample heater tube weight - 6 lbs (2.7 kg) <u>Certification</u> • US EPA PM2.5 Federal Equivalent Method EQPM-0516-236 • US EPA PM2.5 Federal Equivalent Method EQPM-0516-238* • US EPA PM10 Federal Equivalent Method EQPM-0516-239* • US EPA PM10-2.5 Federal Equivalent Method EQPM-0516-240* <u>Accessories</u> Brand: Teledyne API <u>Includes:</u> 1x Leak Check, Flow Audit Adaptor Kit 1x Sample tube extension kit 1x Support Tripod 32x In-line DFU Filter 1x UPS, 1600V A	1	489,487.28	489,487.28

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Date of Delivery :		Payment Term :			
Stock/ Property No.	Unit	Description	Quantity	Unit Cost	Amount
	lot	Technical Training	1	46,407.73	46,407.73
	lot	Deliverv. Installation and Commissioning	1	79,024.90	79,024.90
		Warranty: One (1) warranty on parts and services from date of invoice. (Semi-annual Preventive Maintenance and Calibration)			
					6,491,308.33 ✓
					Less: VAT
					289,790.55
					EWT
					57,958.11
					3,171,748.66
					231,832.44
					6,143,559.67
Total					6,259,475.89
(Total Amount in Words) Six Million Two Hundred Fifty Nine Thousand Four Hundred Seventy-Five Pesos and 89/100 Only					
Conforme:		Very truly yours,			
 GIAN CARLO B. DIAU Signature over Printed Name of Supplier		 DR. ANNABELLE V. BRIONES Signature over Printed Name of Authorized Official			
Date NOV 30, 2023		Director Designation PIA			
Fund Cluster : Comparative Study between Standard Methods and Philippine made PM and CO measuring devices		ORS/BURS No. : IT-02023/1307			
Funds Available :		Date of the ORS/BURS: _____			
 PATRICIA ASHLEY M. MENDOZA Signature over Printed Name of Chief Accountant/Head of Accounting Division/Unit		Amount : 6,491,308.33			

NOV 13 2023

