

23. 1562A

**Purchase Order**  
INDUSTRIAL TECHNOLOGY DEVELOPMENT INSTITUTE

Appendix 61

Supplier : <b>INSTRUMIX SUPPLIER, INC</b>	P.O. No. :	<b>GIAE-PO-2023-12-1505 (STD)</b>
Address : Unit 433/434 CityLand Pasong Tamo Tower 2210 Don Chino Roces Ave. Makati City	Date :	December 11, 2023
TIN :	Mode of Procurement : PB	

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

Place of Delivery : STANDARDS AND TESTING DIVISION	Delivery Term : 90 CD ✓
Date of Delivery :	Payment Term :

Stock/ Property No.	Unit	Particulars	Quantity	Unit Cost	Amount
		<p><b>SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF ONE (1) UNIT MICROWAVE DIGESTION SYSTEM</b></p> <p>Model: HANON TANK 40  Microwave Cavity: Grade 316L stainless steel microwave resonant cavity, With a wall thickness of more than 3mm, sprayed with multi-layer PFA coating, corrosion-resistant ✓  Furnace exhaust system: Automatically adjusted air volume, cooling to room temperature in less than 15 minutes ✓  Relative humidity for working environment: 15~80% RH ✓  Microwave source: 2450 MHZ; Max microwave output power 2000W, emitted from Dual Magnetron high-energy microwave field; non-pulse continuous microwave output  Installed power: 3800W ✓  External Dimension: 600W x 685D x 660H mm ✓</p> <p>Net Weight: 62kg ✓  Batch Amount: 24 vessels ✓  Inner Vessel Material: Acid resistant ✓  Outer Vessel Material: Aerospace composite fiber  Inner Vessel Volume: 110 mL  Maximum Temperature: 300°C  Maximum Pressure: 15 MPa (150 bar)  Electrical Requirements: 220~240VAC 50/60 Hz, 20A  Working Environment Temperature: 0-40°C ✓  Control Terminal  7-inch color LCD touch screen ✓  With USB, network port or Wi-Fi, Accessories  RS232 &amp; USB connection system  24 positions high performance throughput rotor ✓  AVR &amp; UPS  Indusions  ✓ With 24 pcs of inner and outer vessels plus at least one spare &amp; their accessories of the vessels  ✓ With tools for setting up vessels (e.g. wrench, working station, tray, etc.)  ✓ With compatible UPS and AVR  ✓ With comprehensive training on operations, maintenance and basic troubleshooting (1 factory trained engineer and application chemist)  Includes installation and commissioning; certificates of installation qualification, operational qualification, performance qualification and maintenance qualification  ✓ With circuit breaker &amp; wiring connections</p> <p>FEATURES  Cavity material: stainless steel coated with corrosion resistant material</p>			2,950,000.00

**EMAILED**

Recipient: \_\_\_\_\_  
Date: 01-18-24 Time: \_\_\_\_\_

M. KGT

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		<p>Digester rotor is capable of 360° rotation With non-contact non-invasive temperature and pressure monitoring of all vessels</p> <ul style="list-style-type: none"> <li>Includes controller module with user-friendly interface &amp; software specific to the microwave digester</li> <li>Capable of digesting one (1) gram of sample</li> </ul> <p>With pre-loaded standard digestion methods (e.g. US EPA, SMEWW, ASTM, AOAC, etc.) for various sample matrices for at least 4 of the ff. matrices: water/wastewater, food, soil, cosmetic products, pharmaceutical products, and construction materials</p> <p>User-friendly &amp; allows development/creation of new methods</p> <ul style="list-style-type: none"> <li>Can display real-time monitoring of temperature and pressure of each vessel</li> </ul> <p>Warranty: 3 years warranty on services and parts and after-sales services inclusive of annual preventive maintenance &amp; with 10 year guaranteed parts and comprehensive service</p>			
					2,950,000.00
			Less: VAT	131,696.47	
			EWT	26,339.28	158,035.70
			<b>TOTAL:</b>		<b>2,791,964.30</b>

END USER: *for* *Hablio 12/16/23*  
**MICHAEL S. LAGMAY**

(Total Amount in Words) : Two Million Seven Hundred Ninety One Thousand Nine Hundred Sixty Four Pesos & 30/100

In case of failure to make the full delivery within the time specified above, a penalty of one-tenth (1/10) of one percent for every day of delay shall be imposed on the undelivered item/s.

Conforme: *Jeremiah*  
**JEREMIAH LAWRENCE R. MONTENON**  
Signature over Printed Name of Supplier  
Date: 11/18/2024

Very truly yours, *Annabelle*  
**DR. ANNABELLE V. BRIONES**  
Signature over Printed Name of Authorized Official  
Director  
Designation

Fund Cluster : SMARTER ONELAB FOR INDUSTRY 4.0 THROUGH TESTING AND CALIBRATION, EDUCATION, AND DISCOVERY (ONELAB FOR TED)	ORS/BURS No. : <i>TR 00 202312 3665</i>
Funds Available : <i>penda</i> <b>PATRICIA ASHLEY M. MENDOZA</b> Signature over Printed Name of Chief Accountant/Head of Accounting Division/Unit Accountant II	Date of the ORS/BURS : Amount : <i>P 2,950,000.00</i>

11/16/24