



# BIDS AND AWARDS COMMITTEE

## SUPPLEMENTAL/BID BULLETIN

GOOD2020-10-20

Addendum No. 1

### PROCUREMENT FOR VARIOUS LABORATORY EQUIPMENT FOR THE CONDUCT OF RESEARCH AND DEVELOPMENT ACTIVITIES/UPGRADING FOR ENGINEERING AND INDUSTRIAL TECHNOLOGY LABORATORY AT NORSU MAIN CAMPUS

This addendum No. 1 dated November 20, 2020 is issued to clarify, modify or amend items in the Philippine bidding documents. The following items shall form an integrated part of the Philippine Bidding documents.

ISSUES	CLARIFICATION/AMENDMENTS
<i>Post-qualification documents</i>	<p><i>Post-qualification documents:</i></p> <ul style="list-style-type: none"> <li>i. SEC/DTI Registration; SEC/DTI Registration;</li> <li>ii. Valid &amp; Current Mayor’s Permit/ Municipal Licenses–Year 2020;</li> <li>iii. Valid Tax Clearance per Executive Order 398, Series of 2005;</li> <li>iv. Certificate of VAT Registration;</li> <li>v. Certificate of PhilGEPS Registration;</li> <li>vi. Any proof of enrollment in the Electronic Filing and Payments System (EFPS);</li> <li>vii. Latest income and business tax returns;</li> <li>viii. General Information Sheet for CY2019 or 2020 (for corporation);</li> <li>ix. Company Profile and List of Clients;</li> <li><del>x. Manufacturer’s Certification: ISO 9001 compliant for at least 10 years for items offered.</del></li> </ul>
<p><i>Technical Specifications</i></p> <p><b>Item 2: Thermogravimetric Analyzer</b></p>	<p><b>Revised</b></p> <p><b>Branded</b> Thermogravimetric Analyzer</p> <p>*Thermogravimetric analyzer, 100 – 240VAC, 50/60Hz (Autovolt)</p> <p>Includes Compatible Software</p> <p>*Used to determine Characteristics of materials such as Sample, Decomposition Temperature and Flammability Studies. It measure the changes in weight in relation to change in temperature extremely precisely and accurately.</p> <p>*feature include:</p> <ul style="list-style-type: none"> <li>· Sensitive, top-loading balance providing ease of sample loading and operation</li> <li>· A rugged Alumina furnace that is corrosion-resistant</li> <li>· Compact footprint</li> </ul>

	<ul style="list-style-type: none"> <li>· Furnace and balance isolated from operators to minimize maintenance, ensuring uptime</li> <li>· Integrated mass flow controller extends applications flexibility; monitors and controls purge flow rates and allows switching between any two gases.</li> <li>· Scanning rates from 0.1 to 200°C/min</li> <li>· Temperature range Ambient to 1000°C</li> <li>· A large isothermal zone provides excellent temperature reproducibility</li> <li>· Rapid furnace cooling using tap water and integral forced air, processing more samples in less time A constant environment for the balance maintained by the balance purge gas. This purge gas protects the balance from the reactive sample purge gas as well as materials evolved by the sample</li> <li>· Temperature precision: <math>\pm 0.8^{\circ}\text{C}</math></li> <li>· Balance measurement range up to 1500mg</li> <li>· Balance Accuracy: Better than 0.2% of total sample and pan weight</li> <li>· Cooling times: 1000 to 100°C in less than 8 minutes and 1000 to 30°C in under 15 mins</li> <li>· Includes software suite which is easy to use and feature rich for maximum application flexibility Includes accessory kit containing: tweezers, Tygon tubing, fuses, sample pans, sample holder platform, calibration weight, 9-25 pin RS-232 Cable.</li> </ul> <p>Branded Chiller for Lab Use, 220VAC, 60Hz</p> <p>Aluminum Oxide Powder</p> <p>Other Local Supplies</p> <p>Branded Core i5 Pc with 19" Monitor, windows 7, and Microsoft Office,</p> <p>OS &amp; Deskjet Printer</p> <p>Heavy Duty Oxygen Regulator and oxygen tank with content.</p> <p>Heavy Duty Nitrogen Regulator and nitrogen tank with content</p> <p>Fume Extractor with movable Arm</p> <p>Digital AVR 3KVA, 220VAC, 60Hz</p>
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For guidance and information of all concerned.

**(SGD)MERIVIC G. CATADA, Ph.D.**  
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