



**SUPPLEMENTAL BID BULLETIN No. 2024-12-14E**


**PROJECT 2024-14E: Procurement of GAS Chromatography for pests and Disease Management in Citrus Project**

This Bid Bulletin/Addendum No. 2024-12-14E is issued to modify or amend items in the Bidding Documents of the abovementioned project of the University. This shall form an integral part of the Bidding Documents of the said project.

Please be informed of the changes in the project:

PARTICULARS	CHANGES	
	FROM	TO
Technical Specifications	<p>GAS CHROMATOGRAPHY,</p> <ol style="list-style-type: none"> <li>1. Injector System Type: (S/SL) Injector Temperature Range: Up to 400°C.</li> <li>2. Column Type: Capillary column, fused silica. Stationary Phase: Non-polar.</li> <li>3. Detector Type: Mass Spectrometer (GC-MS) or Flame Ionization.</li> <li>4. Oven Specifications: Temperature Range: Ambient+4°C to 450°C.</li> <li>5. Carrier Gas System Type: High-Purity helium or hydrogen.</li> <li>6. Software and Data Analysis Integration: Includes Libraries such as NIST/EPA/NIH. Quantification Phase: Peak Integration, calibration, curves, and automated reporting features. Compatibility: Supports multiple formats for spectral data export.</li> <li>7. Sample Introduction Options Autosampler: Capable of handling liquid and headspace samples for VOC analysis. Pyrolysis Unit(optional).</li> <li>8. Sensitivity and Detection Limits LOD/LOQ: Low Nanogram. Dynamic Range: wide.</li> <li>9. Sample Compatibility Types of Analytes: Volatile organic compounds (VOCS).</li> <li>10. Additional Accessories FID Hydrogen Generator: With manufacturer's warranty</li> </ol>	<p>GAS CHROMATOGRAPHY,</p> <ol style="list-style-type: none"> <li>1. Injector System Type: (S/SL) Injector Temperature Range: Up to 400°C.</li> <li>2. Column Type: Capillary column, fused silica. Stationary Phase: Non-polar.</li> <li>3. Detector Type: Mass Spectrometer (GC-MS) or Flame Ionization.</li> <li>4. Oven Specifications: Temperature Range: Ambient+4°C to 450°C.</li> <li>5. Carrier Gas System Type: High-Purity helium or hydrogen.</li> <li>6. Software and Data Analysis Integration: Includes Libraries, Quantification Phase: Peak Integration, calibration, curves, and automated reporting features. Compatibility: Supports multiple formats for spectral data export.</li> <li>7. Sample Introduction Options Autosampler: Capable of handling liquid and headspace samples for VOC analysis. Pyrolysis Unit(optional).</li> <li>8. Sensitivity and Detection Limits LOD/LOQ: Low Nanogram. Dynamic Range: wide.</li> <li>9. Sample Compatibility Types of Analytes: Volatile organic compounds (VOCS).</li> <li>10. Additional Accessories  With manufacturer's warranty</li> </ol>
Number of Calendar Days to Complete Delivery	30 calendar days	90 calendar days

For guidance and information of all concerned.

  
**CARLO F. VADIL**  
*UBAC Chairperson – Equipment*

Received by the Bidder:

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