



Republic of the Philippines  
**AGUSAN DEL SUR STATE COLLEGE OF AGRICULTURE AND TECHNOLOGY**  
Bunawan, Agusan del Sur

Office of the Bids and Awards Committee

**Supplemental Bid Bulletin No. 01**

**Project: Acquisition of Various Geotechnical Engineering Laboratory Equipment**

This Supplemental Bid Bulletin is issued to all prospective bidders to clarify, modify and/or amend items in the Bidding Documents as discussed and agreed during the Pre-bid Conference held on February 19, 2025 at 10:00 o'clock in the morning at the Board Room, ASSCAT, San Teodoro, Bunawan, Agusan del Sur.

**A. Technical Specifications:** (Amendments are indicated in **Red**)

Particulars	Amendments
<b>Hydrometer Test</b>  Hydrometer Test Set to determine particle size distribution of soil, conforming to AASHTO and ASTM standard; 220V, 50-60Hz; package include Hydrometer Bath with heater, circulation unit and thermostat, 151H Hydrometer or 152H Hydrometer conforming to ASTM E100 - 3pcs, Spatula stainless steel 6-inch 6-pcs, Rubber Stopper, Sodium Silicate; packed in safety approved container with traceable calibration certificate	<b>Hydrometer Test</b>  Hydrometer Test Set to determine particle size distribution of soil, conforming to AASHTO and ASTM standard; 220V, 50-60Hz; package include Hydrometer Bath with heater, circulation unit and thermostat, 151H Hydrometer or 152H Hydrometer conforming to ASTM E100 - 3pcs, Spatula stainless steel 6-inch 6-pcs, Rubber Stopper, <b>Sodium Hexametaphosphate</b> ; packed in safety approved container with traceable calibration certificate
<b>Standard or Modified Proctor Compaction Test</b>  Automatic Universal Compactor Apparatus with digital control panel, to determine degree of compaction of soil, designed to Proctor and CBR, allows the user to select and memorize up to 10 personalized test cycles. Has a universal mould fixing system. Resolution: 320x240 pixels Rammer stock lift system: Drop height: 12" or 18", 300 or 450mm Drop rate: 1 stoke every 2 seconds Compactor moulds: O 4" and 6", 100 and 150mm	<b>Standard or Modified Proctor Compaction Test</b>  Automatic Universal Compactor Apparatus with digital control panel, to determine degree of compaction of soil, designed to Proctor and CBR, allows the user to select and memorize up to 10 personalized test cycles. Has a universal mould fixing system. Resolution: 320x240 pixels Rammer stock lift system: Drop height: <b>12" or 18", 305 or 457mm</b> Drop rate: 1 stoke every 2 seconds Compactor moulds: O 4" and 6", 100 and 150mm



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Power Supply: 230 V   50 Hz   500 W Dimensions: 610x47x1710mm Weight: 200kg	150mm Power Supply: 230 V   50 Hz   500 W Dimensions: 610x47x1710mm Weight: 200kg
<b>Consolidation Test</b>  Consolidation Apparatus ( Loading Machine capable of maintaining constant loads up to 3000-lb for long periods of time) to carry out consolidation test, use to determine the speed and magnitude of consolidation of soil, conforming to AASHTO and ASTM standard; packed in safety approved container with traceable calibration certificate	<b>Consolidation Test</b>  Consolidation Apparatus ( Loading Machine capable of maintaining <b>Range load within 3000lbs – 4000lbs</b> for long periods of time) to carry out consolidation test, use to determine the speed and magnitude of consolidation of soil, conforming to AASHTO and ASTM standard; packed in safety approved container with traceable calibration certificate

For guidance and information of all concerned.

**CARMELO S. LLANTO, Ph.D.**  
BAC Chairperson