



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 Agriculture 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 October 11, 2024 at 2:00 o'clock in the afternoon at the Board Room, ASSCAT, San Teodoro, Bunawan, Agusan del Sur.

**A. Technical Specifications:**

| Original                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Amendments                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>1. One (1) Unit - Chlorophyll Meter with built in data logger</b></p> <p><i>Specifications:</i></p> <p>(BRANDED)Optical Density Difference at two wavelengths: 650 nm and 940 nm; Measurement Area: 2 mm x 3 mm (Approximately 3/32 in x 1/8 in); Light Source: 2 LEDs;m;Receptor: Silicon Photodiode; Power Source: 2 AA alkaline batteries (1.5V); Repeatability: Within <math>\pm 0.3</math> SPAD unit; SPAD Value: Index of relative chlorophyll content; -9.9 to 199.9 with built in data logger. SPAD 502plus</p> | <p><b>1. One (1) Unit - Chlorophyll Meter with built in data logger</b></p> <p><i>Specifications:</i></p> <p>Optical Density Difference at two wavelengths: 650 nm and 940 nm; Measurement Area: 2 mm x 3 mm (Approximately 3/32 in x 1/8 in); Light Source: 2 LEDs;m;Receptor: Silicon Photodiode; Power Source: 2 AA alkaline batteries (1.5V); Repeatability: Within <math>\pm 0.3</math> SPAD unit; SPAD Value: Index of relative chlorophyll content; -9.9 to 199.9 with built in data logger.</p> |
| <p><b>2. One (1) Unit - Laboratory benches and cabinets</b></p> <p><i>Specifications:</i></p> <p>(Dimension(W*D*H):L*750/1500*850/900mm; Support frame: 40*60*1.5mm thick or 80*20*1.5mm thick cold rolled square steel tube painted with epoxy resin powder; Counter top: 12.7mm thick phenolic resin board, up to 25.4 at edges, or epoxy resin board; Reagent racks: all steel reagent racks, steel shelves, 2layer; Fittings: water-tap, sink, electric socket, gas cock, pp</p>                                          | <p><b>2. One (1) Unit - Laboratory benches and cabinets</b></p> <p><i>Specifications:</i></p> <p>Dimension: 2500mm (L) x 1500mm (W) x 850mm (H); Support frame: 40*60*1.5mm thick or 80*20*1.5mm thick cold rolled square steel tube painted with epoxy resin powder; Counter top: 12.7mm thick phenolic resin board, up to 25.4 at edges, or epoxy resin board; Reagent racks: all steel reagent racks, steel shelves, 2layer; Fittings: water-tap, sink, electric socket, gas cock, pp pegboard,</p>  |



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

*Office of the Bids and Awards Committee*

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| pegboard, glassware drying rack; with 6 high stool/chair)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | glassware drying rack; with 6 high stool/chair)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>3. One (1) Unit - Plant Growth Chamber/Incubator</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>3. One (1) Unit - Plant Growth Chamber/Incubator</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <i>Specifications:</i><br><br>(BRANDED) ; Double chamber; ; Temperature range 0-50°C ; Temperature fluctuation $\pm 0.5$ ; Temperature uniformity $\pm 1^\circ\text{C}$ ; Humidity range 50-90%; Humidity fluctuation $\pm 7\% \text{RH}$ ; Luminance 0-12000lux (light can be customized) Can increase the light intensity according to customer requirements ; Heating power 700w ; Compressor delay guard time about 3mins Noise $< 70 \text{Db}$ ; Working mode continuous operation (compressor intermittent working) Outer size 1230*708*1865mm; Inner size 1110*578*1375mm. LCD screen display, accurate control. * The interior features a stainless steel design. ; * The program can be controlled by gradient. ; * Over-temperature and sensor abnormality protection. ; * With sterilization function, sets sterilization time, and automatically turns off sterilization function at the end of sterilization time. ; * A power-down protection, boot display after the state power of money, there are storage memory. ; * Light source adopts LED light, low energy consumption, low heat. ; * Inside the incubator is grid structure. Power 220V, single phase. | <i>Specifications:</i><br><br>Double chamber; Temperature range 0-50°C; Temperature fluctuation $\pm 0.5$ ; Temperature uniformity $\pm 1^\circ\text{C}$ ; Humidity range 50-90%; Humidity fluctuation $\pm 7\% \text{RH}$ ; Luminance 0-12000lux (light can be customized) Can increase the light intensity according to customer requirements ; Heating power 700w ; Compressor delay guard time about 3mins Noise $< 70 \text{Db}$ ; Working mode continuous operation (compressor intermittent working) Outer size 1230*708*1865mm; Inner size 1110*578*1375mm. LCD screen display, accurate control. * The interior features a stainless steel design. ; * The program can be controlled by gradient. ; * Over-temperature and sensor abnormality protection. ; * With sterilization function, sets sterilization time, and automatically turns off sterilization function at the end of sterilization time. ; * A power-down protection, boot display after the state power of money, there are storage memory. ; * Light source adopts LED light, low energy consumption, low heat. ; * Inside the incubator is grid structure. Power 220V, single phase. |



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

*Office of the Bids and Awards Committee*

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>4. One (1) Unit - Ultrasonic Professional Smart Weather Station with Remote Monitoring and Alerts (complete set)</b></p> <p><i>Specifications:</i></p> <p>(BRANDED): COMPLETE SET WEATHER STATION: (1) Ultrasonic Sensor Array, (1) Extra-large Rain Cup, (1) Indoor/Outdoor Thermo-hygrometer-barometer, and (1) Weather Hub; Temperature Range Indoor: 14 to 140 °F, Outdoor: -40 to 149 °F Humidity Range; Indoor: 10 to 99%, Outdoor: 10 to 99% ;Barometric Pressure Range 8.85 to 32.50 in Hg ; Solar Radiation (Light) Range 0 to 200000 Lux UV Range 0 to 15 ; Rain Range 0 to 236 inches; Wind Direction Range 0 to 360°; Wind Speed Range 0 to 89 mph . Update Rates 60 seconds on The Ambient Weather Network, 60 seconds on Wunderground</p> <p>*IP Module Dimensions 3 x 2.5 x 1 inches</p> <p>*Indoor Sensor Dimensions 4.75 x 1.5 x 0.6 inches</p> <p>*Outdoor Sensor Dimensions 14 x 12 x 6 inches</p> <p>*IP Module Power 5V DC adapter (included), Power consumption: .05 Watts</p> <p>*Indoor Sensor Power 2 x AA batteries (not included)</p> <p>*Outdoor Sensor Power Array: solar power with battery back-up (2 x AA batteries not included), Rain Gauge: 1 x AA battery)</p> | <p><b>4. One (1) Unit - Ultrasonic Professional Smart Weather Station with Remote Monitoring and Alerts (complete set)</b></p> <p><i>Specifications:</i></p> <p>COMPLETE SET WEATHER STATION: (1) Ultrasonic Sensor Array, (1) Extra-large Rain Cup, (1) Indoor/Outdoor Thermo-hygrometer-barometer, and (1) Weather Hub; Temperature Range Indoor: 14 to 140 °F, Outdoor: -40 to 149 °F Humidity Range; Indoor: 10 to 99%, Outdoor: 10 to 99% ;Barometric Pressure Range 8.85 to 32.50 in Hg ; Solar Radiation (Light) Range 0 to 200000 Lux UV Range 0 to 15 ; Rain Range 0 to 236 inches; Wind Direction Range 0 to 360°; Wind Speed Range 0 to 89 mph . Update Rates 60 seconds on The Ambient Weather Network, 60 seconds on Wunderground</p> <p>*IP Module Dimensions 3 x 2.5 x 1 inches</p> <p>*Indoor Sensor Dimensions 4.75 x 1.5 x 0.6 inches</p> <p>*Outdoor Sensor Dimensions 14 x 12 x 6 inches</p> <p>*IP Module Power 5V DC adapter (included), Power consumption: .05 Watts</p> <p>*Indoor Sensor Power 2 x AA batteries (not included)</p> <p>*Outdoor Sensor Power Array: solar power with battery back-up (2 x AA batteries not included), Rain Gauge: 1 x AA battery)</p> |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|



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

*Office of the Bids and Awards Committee*

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>5. One (1) Unit - Benchtop pH Meter with Probes</b></p> <p><i>Specifications:</i></p> <p>(BRANDED) (Meter Type Benchtop Display type LCD Connections pH: BNC; Temperature: 2.5 mm Min pH (pH)-2Max pH (pH)16pH Resolution0.01/0.1pH Accuracy±0.01 pH Buffer Recognition NIST and USA Calibration Up to 6 points Min mV (mV)-2000Max mV (mV)2000mV Resolution0.1 or 1 mV mV Accuracy±0.2 mV or 0.05%, whichever is greater Min ISE0.01 ppm Max ISE1999 ppm ISE Resolution0.01 ppm ISE Accuracy±0.5% of reading Min Temperature (° C)0Max Temperature (° C)100Min Temperature (° F)32Max Temperature (° F)212Temperature compensation Automatic or manual Power (VAC)100 to 240Power (Hz)50 or 60Width (cm)17.4625Height (cm)6.985Width (in)6 7/8Height (in)2 3/4Probe Included pH and ATC probes Description Ion 700 Benchtop Meter with Probes)</p> | <p><b>5. One (1) Unit - Benchtop pH Meter with Probes</b></p> <p><i>Specifications:</i></p> <p>(Meter Type Benchtop Display type LCD Connections pH: BNC; Temperature: 2.5 mm Min pH (pH)-2Max pH (pH)16pH Resolution0.01/0.1pH Accuracy±0.01 pH Buffer Recognition NIST and USA Calibration Up to 6 points Min mV (mV)-2000Max mV (mV)2000mV Resolution0.1 or 1 mV mV Accuracy±0.2 mV or 0.05%, whichever is greater Min ISE0.01 ppm Max ISE1999 ppm ISE Resolution0.01 ppm ISE Accuracy±0.5% of reading Min Temperature (° C)0Max Temperature (° C)100Min Temperature (° F)32Max Temperature (° F)212Temperature compensation Automatic or manual Power (VAC)100 to 240Power (Hz)50 or 60Width (cm)17.4625Height (cm)6.985Width (in)6 7/8Height (in)2 3/4Probe Included pH and ATC probes.</p> |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**B. Terms of Reference:**

**B.1. After Sales/Service:**

| Original                                                                                                                                                                                           | Amendments                                                                                                                                                                                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| d. The BIDDER must check the status of the Agusan del Sur State College of Agriculture and Technology (ASSCAT) - Agriculture Laboratory personnel within three (3) times before the warranty ends. | d. The BIDDER must check the status of the equipment delivered at the Agusan del Sur State College of Agriculture and Technology (ASSCAT) - Agriculture Laboratory before the warranty ends. |



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

*Office of the Bids and Awards Committee*

**C. Checklist of Technical and Financial Documents:**

The following legal documents, financial documents and other documentary requirements under RA No. 9184 (as applicable) is no longer required during the submission and opening of bids. Instead, it is only required during the conduct of Post-qualification.

- a. Registration certificate from Securities and Exchange Commission (SEC), Department of Trade and Industry (DTI) for sole proprietorship, or Cooperative Development Authority (CDA) for cooperatives or its equivalent document;
- b. Mayor's or Business permit issued by the city or municipality where the principal place of business of the prospective bidder is located, or the equivalent document for Exclusive Economic Zones or Areas;
- c. Tax clearance per E.O. No. 398, s. 2005, as finally reviewed and approved by the Bureau of Internal Revenue (BIR);
- d. The Supplier's audited financial statements, showing, among others, the Supplier's total and current assets and liabilities, stamped "received" by the BIR or its duly accredited and authorized institutions, for the preceding calendar year which should not be earlier than two (2) years from the date of bid submission; and
- e. Authority of the Signatory (if applicable)

**D. Procurement Timelines:**

**D.1. Post-Qualification:**

| Original           | Amendments          |
|--------------------|---------------------|
| November 7-8, 2024 | October 30-31, 2024 |

For guidance and information of all concerned.

  
**RUTH S. DESAMPARO, MPA**  
BAC Chairperson