



BIDS AND AWARDS COMMITTEE FOR GOODS, SUPPLIES, AND SERVICES

December 1, 2023

Bid Bulletin No. 1 **Modifications in the Invitation to Bid, Bid Data Sheet,** **Schedule of Requirements, and Technical Specifications**

This Bid Bulletin no. 1 is issued to modify or amend items in the Bidding Documents for project: **“Supply and Delivery of Equipment for Biology Laboratory in BulSU San Rafael Campus (G-2023-51)”**. This shall form an integral part of the said Bidding Documents.

I. SECTION I. INVITATION TO BID

| | FROM | TO |
|---|--|--|
| 2 | The Bulacan State University (BulSU) now invites bids for the above Procurement Project. Delivery of the goods is required within thirty (30) calendar days upon receipt of Notice to Proceed. Bidders should have completed, within the last three (3) years from the date of submission and receipt of bids on December 12, 2023, a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II (Instructions to Bidders). | The Bulacan State University (BulSU) now invites bids for the above Procurement Project. Delivery of the goods is required <u>within ninety (90) calendar days upon receipt of Notice to Proceed.</u> Bidders should have completed, within the last three (3) years from the date of submission and receipt of bids on December 12, 2023, a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II (Instructions to Bidders). |

II. SECTION III. BID DATA SHEET

| | FROM | TO |
|-----|--|--|
| 5.3 | For this purpose, contracts similar to the Project shall be: a. Similar Project: Research/ Science Laboratory b. Project equivalent to at least fifty percent (50%) of the ABC amounting to ₱ 1,750,000.00 c. Completed within the last three (3) years prior to the deadline for the submission and receipt of bids. | For this purpose, contracts similar to the Project shall be: a. Similar Project: Research/ Science Laboratory <u>Equipment</u> b. Project equivalent to at least fifty percent (50%) of the ABC amounting to ₱ 1,750,000.00 c. Completed within the last three (3) years prior to the deadline for the submission and receipt of bids. |

| | | |
|--|---|---|
| | <p><u>(Please see attached Form for Single Largest Completed Contract (SLCC))</u></p> <p>This statement shall be supported with evidence such as:</p> <ul style="list-style-type: none"> • End-user's Acceptance for the contract or • Official Receipt(s) for the contract or • Sales Invoice issued for the contract | <p><u>(Please see attached Form for Single Largest Completed Contract (SLCC))</u></p> <p>This statement shall be supported with evidence such as:</p> <ul style="list-style-type: none"> • End-user's Acceptance for the contract or • Official Receipt(s) for the contract or • Sales Invoice issued for the contract |
|--|---|---|

III. SECTION VI. SCHEDULE OF REQUIREMENTS


| | FROM | TO |
|--|--|---|
| | <p>The delivery schedule expressed as weeks/months stipulates hereafter a delivery date which is the date of delivery to the project site.</p> <p>Within thirty (30) calendar days upon receipt of Notice to Proceed</p> | <p>The delivery schedule expressed as weeks/months stipulates hereafter a delivery date which is the date of delivery to the project site.</p> <p><u>within ninety (90) calendar days upon receipt of Notice to Proceed.</u></p> |

IV. SECTION VII. TECHNICAL SPECIFICATIONS

| | FROM | TO |
|--|------|--|
| | | <p><u>Please see attached Annex "A" for the revised Technical Specifications.</u></p> |

This Supplemental/ Bid Bulletin no. 1 is issued this 1st day of December, 2023 for guidance and information of all concerned.

For information and guidance of all concerned.


Prof. YOLANDA C. ROBERTO
 Chairperson
 BAC for Goods, Supplies & Services

Section VII. Technical Specifications

Instruction to Bidders:

Please fill up the form accordingly, state either “**COMPLY**” or “**NOT COMPLY**” in each of the individual parameters of each specification, and sign the conformance below. Failure to conform will result in a rating of “**FAILED**”.

| Item | Description | Qty./ unit | Statement of Compliance |
|------|--|------------|--|
| 1 | Micropipette | 4 pcs | [Bidders must state here either “Comply” or “Not Comply” against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of “Comply” or “Not Comply” must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer’s un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidder's statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution subject to the applicable laws and issuances.] [Bidders must state here either “Comply” or “Not Comply” against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of “Comply” or “Not Comply” must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer’s un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, |
| | Compatible to any brand of Tips such as | | |
| | Finntip 50 Micro, Filter 50 Micro | | |
| | Autoclavable: Yes | | |
| | Number of Channels: 1 | | |
| | Type: Variable Volume Pipette | | |
| | Volume (Metric): 5 to 50 µL | | |
| | Increments: 0.1 µL | | |
| 2 | Micropipette | 4 pcs | |
| | Compatible to any brand of Tips | | |
| | Autoclavable: Yes | | |
| | Number of Channels: 1 | | |
| | Type: Variable Volume Pipette | | |
| | Volume (Metric): 0.2 to 2 µL | | |
| | Increments: 0.002 µL | | |
| 3 | Micropipette | 4 pcs | |
| | Compatible to any brand of Tips such as | | |
| | Finntip 250, Filter 10, Flex 200 | | |
| | Flex Filter 30, 200 Ext, Wide 250 | | |
| | Autoclavable: Yes | | |
| | Number of Channels: 1 | | |
| | Type: Variable Volume Pipette | | |
| | Volume (Metric): 1 to 10 µL | | |
| | Increments: 0.02 µL | | |
| 4 | Micropipette | 4 pcs | |
| | Compatible to any brand of Tips such as | | |
| | Finntip 250, Filter 200, Flex 200 | | |
| | Flex Filter 200, 200 Ext, Filter 200 Ext, Wide 250 | | |
| | Autoclavable: Yes | | |
| | Number of Channels: 1 | | |
| | Type: Variable Volume Pipette | | |
| | Volume (Metric): 20 to 200 µL | | |
| | Increments: 0.2 µL | | |
| 5 | Micropipette | 2 pcs | |
| | Compatible to any brand of Tips such as | | |
| | Finntip 1000, Filter 1000, | | |
| | Flex Filter 1000, 1000 Ext, Filter 1000 Ext, Wide 1000 | | |

| | | | |
|---|---|-------|---|
| | Autoclavable: Yes | | <p>[Bidders must state here either "Comply" or "Not Comply" against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of "Comply" or "Not Comply" must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer's un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidder's statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution subject to the applicable laws and issuances.] [Bidders must state here either "Comply" or "Not Comply" against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of "Comply" or "Not Comply" must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer's un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate.]</p> |
| | Number of Channels: 1 | | |
| | Type: Variable Volume Pipette | | |
| | Volume (Metric): 100 to 1000 µL | | |
| | Increments: 1 µL | | |
| 6 | Micropipette | 2 pcs | |
| | Compatible to any brand of Tips such as | | |
| | Finntip 20 Micro, Filter 20 Micro | | |
| | Autoclavable: Yes | | |
| | Number of Channels: 16 | | |
| | Type: Pipette | | |
| | Volume (Metric): 1 to 10 µL | | |
| | Increments: 0.02 µL | | |
| 7 | Homogenizer Laboratory Blender | 3 pcs | |
| | Capacity: 1 Liter/1.2 Liter | | |
| | Switch Settings: Two Speed, 60 Second Mechanical Timer | | |
| | Push button controls | | |
| | Heat resistant glass with handle | | |
| | Voltage 100/240 V | | |
| | Volume Range (Metric) 50 to 400 mL | | |
| | Base Material Stainless Steel | | |
| 8 | Digital Vortex Mixers | 1 pc | |
| | Load Bearing Capacity (Metric): 0.5 kg | | |
| | Speed Range: 200 to 3000 rpm | | |
| | Electrical Requirements: 100/240 V | | |
| | Voltage: 120 V | | |
| | Certifications/Compliance: cCSAus, CE, Certificate of Analysis (COA), Certificate of Analysis (COA) | | |
| | Plug Type: US, JP Plug | | |
| | Frequency: 50/60 Hz | | |
| | For Use With (Equipment): Rocker, Rotator, mixer | | |
| | Operating Modes: Touch, Continuous | | |
| | Timer Range: 1 to 99 min., Continuous | | |
| 9 | Orbital Shaker | 2 pcs | |
| | Orbit: 2.54 cm (1 in.) | | |
| | Load Bearing Capacity (Metric): 25 kg | | |
| | Speed Control Accuracy: ±1 rpm | | |
| | Speed Range: 15 to 525 rpm, ±1 rpm | | |
| | Electrical Requirements: 100/240 V, 50/60 Hz | | |
| | Voltage: 100/240 V | | |
| | Temperature Range (Metric): 5°C to 60°C | | |
| | Product Type: Shaker | | |
| | Certifications/Compliance: UL, cUL, CE | | |
| | Temperature Range (English): 41°F to 104°F | | |
| | Controller Type: Touch Screen | | |

| | | | |
|----|--|-------|---|
| | Humidity Range: 20 to 80%, Non-condensing | | <p>[Bidders must state here either “Comply” or “Not Comply” against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of “Comply” or “Not Comply” must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer’s un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidder's statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution subject to the applicable laws and issuances.] [Bidders must state here either “Comply” or “Not Comply” against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of “Comply” or “Not Comply” must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer’s un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate.]</p> |
| 10 | Microbial Incubator | 2 pcs | |
| | Capacity (English): 6.5 cu. ft. | | |
| | Description: Single 184L incubator | | |
| | Capacity (Metric) | | |
| | CO2 Concentration Range: 0 to 20% | | |
| | CO2 Sensor Technology: TC Sensor | | |
| | Lighting: LED | | |
| | Oxygen Control: None | | |
| | Relative Humidity: <90% at 37°C | | |
| | Temperature Range (Metric): Ambient +5°C to 50°C | | |
| | Type: CO2 Incubator | | |
| | Electrical Requirements: 230 V, 50/60 Hz | | |
| | Voltage: 230 V | | |
| 11 | Refrigerator | 2 pcs | |
| | Capacity: 11.3 cu.ft. | | |
| | Upright | | |
| | Bottom freezer | | |
| | No frost Inverter | | |
| 12 | Horizontal Gel Electrophoresis System | 2 set | |
| | Certifications/Compliance: CE marked | | |
| | Description: Complete System with Buffer Exchange Ports | | |
| | Type: Wide w/ Buffer Exchange Ports | | |
| | Sample Size: 10 to 80 | | |
| | Volume (Metric) Buffer: 600 mL | | |
| | Max. Voltage: 150 V | | |
| 13 | Thermal Cycler | 2 set | |
| | 96-well 0.2ml Temperature optimization: | | |
| | 96-well systems | | |
| | User interface: touch screen | | |
| | Maximum sample: 96 reactions | | |
| | Maximum block ramp rate: 4.0°C/sec | | |
| | Digital display. 3 digits | | |
| | input power: 20W | | |
| | Protective class: IP21 | | |
| | Permissible relative moisture:6-50°C | | |
| | Input voltage(frequency): AC 100-240V(60/60Hz) | | |
| 14 | Autoclave | 1 set | |
| | Temperature setting:121°C to 132°C | | |
| | Canned body capacity:about 16 L | | |
| | Sterilization pressure:(121°C)0.1 MPa,(132°C)0.2 MPa | | |
| | Timer setting(121°C) 20 to 99 minutes, (132°C) 5 to 99 minutes | | |

| | | | |
|----|---|-------|---|
| | Pressure gauge:Bourdon tube type, 0 to 0.4 Mpa | | <p>[Bidders must state here either "Comply" or "Not Comply" against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of "Comply" or "Not Comply" must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer's un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidder's statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution subject to the applicable laws and issuances.] [Bidders must state here either "Comply" or "Not Comply" against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of "Comply" or "Not Comply" must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer's un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate.]</p> |
| | Control method:microcomputer control equation | | |
| | Safety features: | | |
| | air firing prevention equipment | | |
| | safety valves | | |
| | overcurrent protection equipment | | |
| | leakage protection | | |
| | door lock detection | | |
| | overrising temperature protection | | |
| | material exterior / steal (baked paint), can/ stainless (SUS304) | | |
| | power supply: AC100V 60/60Hz 1200 W | | |
| | Weight: About 28 kg | | |
| | Accessories: | | |
| | Net cage | | |
| | shell board | | |
| | drain tube | | |
| 15 | Spectrophotometer | 1 pc | |
| | Wavelength Range:160nm,325-1000nm | | |
| | Photometry:Single Beam | | |
| | Monochromator Type:Littrow | | |
| | Grating:1200 lines/mm | | |
| | Detector:Silicon Photocell or CCD | | |
| | Wavelength Accuracy:±2nm | | |
| | Wavelength Repeatability:≤1nm | | |
| | Spectrum Bandwidth:4nm | | |
| | Power Supply:AC 110-240V,50/60Hz,80W | | |
| 16 | Microcentrifuge | 2 pcs | |
| | Speed Range 200 rpm-13,500rpm | | |
| | Maximum Relative Centrifuge Force (x g) 17,317 g | | |
| | Maximum Capacity(Rotor) 24x1.5/2.0ml | | |
| | Program Memories 99 | | |
| | Acceleration Gear 10 | | |
| | Deceleration Gear 10 | | |
| | Display LCD with backlight | | |
| | Lid Lock Mechanical | | |
| | Running Time Quickspin;10 sec to 99 h 59 min 59 sec,ContinuousWorking Environment 2 to 35°C | | |
| 17 | Drying Oven | 2 pcs | |
| | CAPACITY:65L | | |
| | TEMP RANGE: RT+10~300°C | | |
| | TEMP PRECISION: 0.1°C | | |
| 18 | Water Sampler (see attached picture below) | 3 pcs | |
| | Stainless 304 type | | |

| | | | |
|--|---|--|--|
| | Digital display. 3 digits | | |
| | input power: 20W | | |
| | Counting range: 0-999 | | |
| | Protective class: IP21 | | |
| | Permissible relative moisture:6-50°C | | |
| | Input voltage(frequency): AC 100-240V(60/60Hz) | | |
| | Warranty | | |
| | Minimum of 1-year warranty | | |
| | | | |
| | COMPLIANCE | | |
| | 1. With Brochure / catalogue of the item being offered | | |
| | | | |
| | 2. With Manufacturer's Authorization Form or Certificate as Authorized Distributor/Reseller or Certificate of Registration as Manufacturer/Fabricator | | |
| | 3. With Warranty Certificate from Manufacturer and/or Supplier/ Authorized Reseller | | |
| | | | |
| | | | |
| | Contract Implementation: | | |
| | The supplier must advise the Supply Office and End-user unit of the delivery schedule at least three (3) calendar days before the actual delivery. | | |

Prepared by:

Dr. MERLYN CRUZ

Technical Working Group

Mr. RAYMOND BALDONADO

Technical Working Group

Mr. ALVIN PALABAY

Technical Working Group

I understand and swear to comply and deliver all the above requirements.

CONFORME:

Company Name : _____
Address : _____
Complete Name of
Authorized Representative: _____
Signature : _____
Date : _____

Water Sampler (sample):



