



**Philippine Rice Research Institute**  
Central Experiment Station  
Maligaya, Science City of Muñoz, 3119 Nueva Ecija

Quality Rice. Quality Life.

December 7, 2018

**Bid Bulletin No. 1**

**Subject: Supply, Delivery and Installation of Various Laboratory Equipment for Strengthening the Rice Biotechnology Center under PB 18-04-18**

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This bid bulletin is being issued to clarify and/or amend the schedule of requirements, delivery period and the technical specifications as follows:

**Delivery Period:**

45 to 60 calendar days upon receipt of Purchase Order and Notice to Proceed

**Revised Schedule of Requirements & Technical Specifications:**

Attached is the revised schedule of requirements and technical specifications for the complete details.

Please be guided accordingly.

(original signed)  
**EDUARDO JIMMY P. QUILANG**  
BAC Chairperson



## ***Section VI. Schedule of Requirements***

The delivery schedule expressed as weeks/months stipulates hereafter a delivery date which is the date of delivery to the project site.

<b>Item no.</b>	<b>Description</b>	<b>Qty</b>	<b>Unit</b>	<b>Total ABC (in PhP)</b>	<b>Delivered, Weeks/Months</b>
1	Tissue Homogenizer	2	Units	3,200,000.00	Within 45 to 60 days upon receipt of PO/NTP
2	Vortex	10	Units	400,000.00	Within 45 to 60 days upon receipt of PO/NTP
3	Mini Electrophoresis System	1	Unit	100,000.00	Within 45 to 60 days upon receipt of PO/NTP
4	PIPETTOR SET  A) Multi-Channel pipettor (12 channel) (4 units)  B) Single-channel pipettor set (10 units)	1	Lot	1,180,000.00	Within 45 to 60 days upon receipt of PO/NTP



## ***Section VII. Revised Technical Specifications for PB 18-04-18***

Item	Specification	Statement of Compliance
1	<p><b>TISSUE HOMOGENIZER (2 units)</b></p> <p><b>Orientation of mixing: VERTICAL</b></p> <p>Features:</p> <ul style="list-style-type: none"> <li>• High throughput processing: Must dissociate up to 384 samples per cycle through high-speed shaking with tungsten/stainless beads that heat and grind samples</li> <li>• Must have digital settings and control disruption time and vibration frequency</li> <li>• Must have provision of effective disruption and homogenization</li> </ul>	<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 Bidders 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 provisions of <b>ITB Clause Error! Reference source not found.</b> and/or <b>GCC Clause 2,1 (a)(ii).</b></p>





	<p>using liquid nitrogen or in frozen condition</p> <ul style="list-style-type: none"> <li>• Integrated safety lid</li> </ul> <p>Technical Specifications: Processing Range:&lt;25µL-50ml Run Time: 5 sec to 99 min Speed Control: Variable from 3 to 30 Hz Sound Level:&lt; 72 db. Power Rating:100-230 VAC / 50-60 Hz Conformity to standards: CE approved</p> <p>Inclusions:</p> <ul style="list-style-type: none"> <li>• 96 Well Plate Adapter (set of 2)</li> <li>• 2 ml Deep Well Plates Pre-Filled with 5 mm Stainless Steel Beads (pack of 50) OR Grinding balls (bag of 5000) with grinding ball dispenser</li> <li>• 2 ml 96 Deep Well Plates (pack of 50) Sealing Mats for 2 ml 96 Deep Well Plates (pack of 50)</li> <li>• Microtube or Screw Cap Tube Holder</li> <li>• Includes AVR and UPS <b>(1 each per unit)</b></li> </ul> <p>1-year warranty on parts and services</p>	
2	<p><b>VORTEX (10 units)</b></p> <p>Technical specifications:</p> <p><b>Speed: up to 3,000rpm or better</b> <b>Voltage: 240V</b> Hertz: 50/60Hz Certifications/Compliance: CE approved Type: Mixers Operating Mode: Continuous / Touch Electrical Requirements: 240V, 50/60Hz Load Bearing Capacity: 0.5kg (1.1 lb.) Warranty and Service Offering 2 Years</p>	



3	<p><b>MINI HORIZONTAL ELECTROPHORESIS SYSTEM (1 unit)</b></p> <p>Electrophoresis Cell Dimensions: 183 x 59 x 162 mm</p> <p>Electrophoresis Cell Material: PPHOX Solution volume: 270-320 mL (gel tray and gel) Power supply dimensions: 75 x 62 x 170mm</p> <p>Power supply Weight: 410g Input voltage: 240V, 50/60Hz;</p> <p>Output voltage: 135, 100, 50, 25, 70, 35, 18V (constant peak voltage of 140V and duty control Timer: 0~99 minutes (temporary shutdown supported) Memory: Automatic memory (last used V and T); Small gel tray dimensions: 130x16.5x59.5mm Large gel tray dimensions: 130x24x122mm Gel tray material: Heat resistant to 100°C of Agarose Well spacing: (13 wells) 9mm, (26 wells) 4.5mm Gel casting stand dimensions: 140x20x125mm Gel casting material: Heat resistant to 100°C of Agarose Other inclusions:</p> <ul style="list-style-type: none"> <li>• 2 Small gel tray</li> <li>• 1 Large gel tray</li> <li>• 4 combs (supports making 13 to 26 wells)</li> <li>• <b>With starter kit: Preferably extra comb 48 wells</b></li> </ul> <p>Warranty and Service Offering 2 Years</p>	
4	<p><b>ONE (1) LOT PIPETTOR SETS With 1 RFID reader and tracker software. With universal tips (fit to all). With grid or equivalent.</b></p>	



<p><b>Spring loaded tip cone or equivalent</b></p> <p><b>A) MULTI-CHANNEL PIPETTOR (12- CHANNEL MODELS) (4 units) With stand</b></p> <p>Volume: 0.5-10 <math>\mu</math>L with 0.02 <math>\mu</math>L (manual increment) Accuracy: 4 % / 0.04 <math>\mu</math>L; 1.5 % / 0.075 <math>\mu</math>L; 1 % / 0.1 <math>\mu</math>L Precision: 5 % / 0.05 <math>\mu</math>L; 1.5 % / 0.075 <math>\mu</math>L; 0.5 % / 0.05 <math>\mu</math>L</p> <p><b>Fully Autoclavable and acid resistant</b></p> <p>Ergonomic performance champion, Effortless pipetting due to light weight, light plunger forces and lowest tip ejection forces</p> <p>Provide unparalleled accuracy and precision across all channels for absolutely consistent pickup and dispensing. On-board RFID provides ease of service and calibration tracking.</p> <p>Calibrated in accordance with ISO 8655.</p> <p><b>B) SINGLE CHANNEL PIPETTOR SET (10 units) With stand (per set)</b></p> <p><b>4 manual</b> single channel pipettes (2ul, 20ul, 200ul, 1000ul)-<b>4 pcs of pipettors/set</b></p> <p><b>Fully Autoclavable and acid resistant</b></p> <p>RFID tags provide secure service data for easy calibration tracking, asset management and maintenance schedules for your pipetting inventory. <b>Secure volume lock</b> averts accidental drift and allows easy one hand adjustment. Comfort, accuracy and control.</p> <p>Calibrated in accordance with ISO 8655.</p>	
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