

August 20, 2019

## **Bid Bulletin No. 1**

**Subject: Supply, Delivery and Installation of Two (2) Units Biosafety Cabinet under PB 19-03-23**

---

This bid bulletin is being issued to reflect the movement of schedule/time for the deadline of submission & opening of bids and to clarify and/or amend the technical specifications for PB 19-03-23 Supply, Delivery and Installation of Two (2) Units Biosafety Cabinet as follows:

### **NEW SCHEDULE/TIME:**

Deadline for the submission of Bids: **August 27, 2019; 12:00NN** at the PPMD Office

Opening of Bids: **August 27, 2019; 02:15PM** at Training Rooms 1 &2, Main Lab. Bldg.

### **REVISED TECHNICAL SPECIFICATIONS:**

Attached is the revised technical specifications for the complete details.

Please be guided accordingly.

(original signed)  
**AURORA M. CORALES**  
BAC Vice-Chairperson

## Section VII. Revised Technical Specifications for PB 19-03-23

Item	Specification	Statement of Compliance
		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</b> Clause 3.1(a)(ii) and/or <b>GCC</b> Clause 2.1(a)(ii).
1.	Supply, delivery and installation of two (2) units Biosafety Cabinet Nominal Width: 6’; Biosafety cabinet height: 2.0m to 2.5m; Nominal Sash Opening: 8” (20 cm); Base Stand: Required; Base stand height: 0.70 m to 0.85 Product Subcategory: Class II, Type A2 Biological Safety Cabinet; Protection Type: Product and Personnel; Built in Options: UV Light, Valves (Air, Vacuum, etc.), Cord, Cable & Tubing Portal; Exhaust Volume: 336-370 CFM or better; Lighting: Ultraviolet, Fluorescent, LED or better <b>Features: Electronically Commutated Motor (ECM) or equivalent</b> Airflow monitoring system that communicates with the ECM to deliver the precise volume of air as required and automatically adjust as filters load without relying on airflow sensors	

	<p>Allows the user to program start up and shut down operations Idles the blower when the sash is fully closed Built-in interval or elapsed timer for experiment monitoring, fluorescent light or UV light control Digital clock Removable towel catch located under work surface Bright, 90-100 footcandle, glare-free fluorescent lighting located outside the contaminated work area LCD information center with “Filter Life Remaining” bar graph or equivalent, status line for alarm conditions and alerts to warn when filter life diminishes to 20% and 0% <b>Electronic security lock (optional activation) that requires code to operate the cabinet or equivalent</b> Two electrical duplex receptacles, (single outlets on 230 volt models), located one on each side Intrinsically safe negative pressure design <b>Fully-closing, clear (approximately) 1/4” tempered safety glass sash (measurement will be based on the actual unit, with certification coming from the supplier)</b> Stainless steel inlet grille Supply and exhaust 99.99% efficient HEPA filters or ULPA filters Leak-tight stainless steel interior Interior-mounted, line-of-sight, full color LCD information center with easy-to-understand OS <b>21.7” to 28” (54 to 71.5 cm) maximum sash opening height</b> and 27.0” (69 cm) viewing height Curved inlet grille for forearm support Flush-mounted stainless steel electrical receptacle covers with dampened hinges Removable, seamless type 304 stainless steel, dished work surface with lift out knobs 10° Angled sash with counterbalanced, anti-racking mechanism for ease of lifting ADA-compliant touchpad control on right-hand side post for manual activation of blower, light(s), timer, electrical receptacles, audible alarm mute and menu selection Noise level &lt; 63 dBA Heat load 990 BTU/hour (4’ models) Nominal inflow velocity of 105 feet per minute (fpm) (0.5 m/sec)</p>	
--	--	--



	<p>Nominal downflow velocity of 55 fpm (0.3 m/sec) Approximately 70% air recirculation Powder-coated steel exterior CE conformity marking (230 volt models) Class 5 conditions per ISO 14644-1 and 2 (formerly Class 100) 10' (3 m) power cord with plug</p> <p>Includes: 254 nm UV lamp, ADA-compliant service fixture(s) with ball-type valve(s), and NSF-Approved Cord, Cable Portal, and local stand</p> <p>Inclusion: 2 units glassbead sterilizer Technical specifications: Temp. range: 100-300 Temp. Accuracy: <math>\leq \pm 5</math> Heating time to Max. Temp: <math>\leq 25</math> min Ambient Temp.: 5°C~40 Certifications: CE marked Includes glass bead (reusable)</p> <p>Includes: Calibration Certificate</p> <p>Warranty: Two years on parts and services</p>	
	<p><b>EVIDENCE:</b></p> <ul style="list-style-type: none"><li>• <b>Brochure and complete technical specifications [SEPARATE DOCUMENT (use your company letterhead) indicating ALL the technical specifications you are offering but not limited to Brand, Model, Place of Origin, Features, Inclusions, Warranty, and Installation (if applicable)] of the item being offered.</b></li><li>• Certificate as authorized distributor or exclusive dealer coming from the principal.</li><li>• Certificate of training of service engineers/technicians authorized to conduct after sales service issued by the principal supplier/brand being offered.</li><li>• The supplier shall declare through a written statement that the product being offered is/are repairable and that replacement parts are available for a minimum of five (5) years after end of production.</li></ul>	





	<ul style="list-style-type: none"><li>For all items with “or equivalent”, please indicate the equivalent offer as well as its advantages which must be supported by evidence.</li></ul>	
	<b>ADDITIONAL REQUIREMENTS:</b>  Soft copy of Section VII. Technical Specifications saved in CD or USB (to be included in Original Component of the Bid Proposal).	

