

**IB 2021-38 – PROCUREMENT OF VARIOUS
LABORATORY EQUIPMENT**



**SECTION VII-
TECHNICAL
SPECIFICATIONS**

TECHNICAL SPECIFICATIONS

IB No. 2021-38 PROCUREMENT OF Various Laboratory Equipment

Item	Specifications	Statement of Compliance
		<p><i>[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.]</i></p>
1	<p>1 unit Autoclave Vertical Steam Sterilizer, at least 50L capacity Working pressure: 0.14-0.16MPa Working temperature: 126C Temperature Adjust Range: 105-126C Stainless steel structure Hand wheel type open door Pressure safety lock Indicator light with on working state Over temperature and over pressure auto-protection Safe protection when water is not enough Automatic shut-off after sterilization With stainless steel sterilizing basket Power 220V, 50Hz/4.5KW Packaged with free services and training on the use of the equipment Warranty:1 year on parts and services against manufacturing defect</p>	
2	<p>1 unit Binocular High Power Compound Microscope Eyepiece details: DIN Standard microscope objectives: 4x, 10x, 40x, 100x (oil immersion lens) with spring that protects the glass specimen slide and lens; Microscope Head: 45° inclined binocular head rotatable 360°, 55 to 75mm interpapillary distance; Stage specs: graduated mechanical movable (up/down and longitudinal y-direction) 142 x 132mm, low position coaxial X-Y slide. Stage movement knobs with range of movement of 80mm (X-direction-slide movement) x 52mm (Y-direction - stage movement); Coarse Adjustment Travel Range: 20mm (Stage movement distance up/down); fine adjustment division: 0.002mm; Power 220V, 50/60Hz</p>	

	<p>Packaged with HDMI multi-output HD microscope camera and screen (size:24x23.5 in, LED monitor) Warranty: 1 year on parts and services against manufacturing defects</p>	
<p>3</p>	<p>1 unit Ultra Low Temperature Freezer</p> <p>Capacity: at least 422 liters; Temperature range: -40 °C to -86 °C, Cooling with cascade compressor cooling unit, CFC-free safety refrigerants R-404A and R-508B, Door hinged right or left, RFID controlled Access (depending on version), Data Logger USB (depending on version), Water cooling (depending on version), Electromechanical door latch, 4 compartment doors made of ABS plastic, Inner chamber made of stainless steel, Thermal insulation using vacuum insulating panels and PUR foam, Battery-backed alarm system, Computer interface: RS 422, Analog output, 4 – 20 mA, Zero-voltage alarm contact, Elapsed time indicator, 3 stainless steel shelves, vial capacity of at least 30,000 x 2ml with the following minimum</p> <p>Dimensions (L x W x H) Exterior 38.9 x 33.3 x 78 in. (98.9 x 84.6 x 198.1cm), Dimensions (D x W x H) Interior 25.3 x 23 x 51.23 in. (64.3 x 58.4 x 130.8cm); Power 220V, 50/60Hz</p> <p>Packaged with: After sales support (training from manufactured trained engineers'/application specialist), quick response to requests especially if the machine has problems, free services</p> <p>Warranty: 3 years on parts and services against manufacturers defect</p> <p>Inclusion: 1 unit 5kVA AVR, Third party calibration certificate</p>	
	<p>XXXXXXXXXXXXXXXXXXXXXXXXXXXX</p>	

Name of Bidder over Printed Name

Date