

## Section VII. Technical Specifications

Item	Specification	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.] Please state the brand and model being offered</i></p>
<b>LOT 1 – LABORATORY EQUIPMENT</b>		
1	<p><b>Alcohol Distiller</b> Specifications:</p> <p>Capacity: 20L-35L</p> <ul style="list-style-type: none"> <li>• Stainless steel food grade &amp; durable</li> <li>• Adopts open-type cooling method</li> <li>• Precise thermometer with double display of Celsius &amp; fahrenheit on the lid for easy monitoring of wine temperature during distillation process</li> <li>• Circulating water enters through lower inlet &amp; drains from upper outlet for sufficient cooling.</li> </ul> <p>Condenser: Red copper; copper coils with rapid thermal conductivity</p> <ul style="list-style-type: none"> <li>• Rubber pads under condenser insulates heat &amp; quickens cooling</li> <li>• With secure sealing</li> </ul> <p>Accessories: 100 ml graduated cylinder, submersible pump, temperature sticker, raw material belt, 3 pcs alcohol meter, filter bag, check valve, silicon plug, 2 pcs ferrule, 3 pcs silicon plug, grate bucket, user manual</p>	

2	<p><b>Water Distiller</b>  For distilled water production</p> <p>Capacity: 4 liters per hour  Capacity of built-in tank: 9 liters  Product water: 2.0-2.2 us/cm  Quality of product water: Type III  Product water temperature: 70-85°C  Current type, frequency, voltage: Single phase AC, 50Hz, 220V  Power Consumption: 3.0kVA  Source water consumption (at water t from 10-12°C at pressure from 0.2-0.4 MPa): 30 liters per hour  Source water pressure: 0.1-0.4 MPa  Dimensions (LxWxH): 290x390x570mm.  Type of mounting: Desktop mounting with adjustable legs, wall mounting is possible  Weight with control unit: 13.5kg  Heating elements: 1 piece stainless steel tubular heating element 3.0kW 220V includes: 1 unit AVR 3kVA</p>	
3	<p><b>Binocular Stereo Microscope</b>  Specifications:</p> <p>Viewing Head: Binocular viewing microscope body  Eyepiece: WF10x  Zoom Objective: 0.7x – 4.5x  Zoom Ratio: 1:6.5  Working Distance: 100mm  Transmitted Light: 12V/ 15W Halogen Lamp  Incident Light: 12V/ 15W Halogen Lamp with Reflector</p>	
4	<p><b>Forced Convection</b></p> <ul style="list-style-type: none"> <li>• Oven with window; with CE Certification</li> <li>• Programmable; 10 programs available for temperature ramp up &amp; dwell control; 10 steps per program &amp; 99 hours 59 minutes per step; stored programs are easily linkable; programs can be repeated up to 99 cycles</li> <li>• Pre-heating and heating time are settable before programs; rapid heating performance up to maximum 200°C</li> <li>• Microprocessor PID control</li> <li>• Three point temperature calibration/ automatic tuning</li> <li>• Forced air convection generated by two noiseless &amp; powerful sirocco fans ensures optimal air circulation, temperature uniformity, &amp; short heat-up time; adjustable dual slide vents for inner vapor circulation; energy efficiency achieved thru optimization of the insulation system; dual wait on/off timer modes (1 min to 99 hr. 59 min)</li> </ul>	

	<ul style="list-style-type: none"> <li>• Convenient presetting function for 3 most commonly used temperature settings; rounded inner chamber corners for easy cleaning and optimal airflow; corrosion-resistant incoloy heath heating element &amp; stainless steel interior</li> <li>• Threefold tempered-glass window provides clear inside view of the chamber (optional)</li> <li>• USB port and RS-232 port for external control &amp; data collection; casters for easy mobility during installation or relocation; keypad lock function prevents accidental changes ring operation; automatic run after power interruption</li> <li>• Over-temperature and over-current protection; audible and visible open door alarms</li> </ul> <p>Specifications:</p> <p>Capacity: 450 liters  Temperature range: Ambient +15 to 200°C  Temperature Fluctuation at 100°C: +/- 0.2°C  Temperature Variation at 100°C: +/- 3.5°C  Interior Dimensions (WxDxH):  645x750x930mm  Exterior Dimensions (WxDxH):  850x1100x1525mm  Net Weight: 240kgs.  Shelves: 8 maximum  Max load per shelf: 25kg per shelf  Electrical Requirements: 3 Phase, 380V/  50Hz includes: 1 unit AVR 5KVA</p>	
5	<p><b>Incubator</b></p> <p>Specifications:</p> <p>Dimension (In)(WxDxH): 480x460x 700mm  (Out)(WxDxH): 640x600x955mm  Capacity: 155 liters  Net weight: 65kg  Temp. Controller: Digital P.I.D. controller  Temp. Range: RT ±5°C to 70°C (at 25°C)  Temp. Accuracy: +/-0.2°C at 37°C  Display: Dual LED display  Material (In): Stainless steel  (Out): Steel plate with powder coating  Door: Double door, silicon packing magnet door  Inner door: Tempered safety glass door  Circulation Fan: Internal convectional fan  Shelves: 3EA, adjustable type  Safety device: Exclusive over temp. protector  Power: 220V, 1.4A, 310W, 60Hz  includes: 1 x AVR, 3kVA</p>	

LOT 2 – ICT EQUIPMENT	
1	<p>Drone Camera            24-48 mm optical zoom camera video UAV            12MP 1/2.3" Cmos sensor</p> <ul style="list-style-type: none"> <li>• Up to 30 minutes flight time; 44mph speed, 905G takeoff weight, 3-axis gimball for steady shots</li> <li>• 8 GB internal storage; SD card support up to 128 GB</li> <li>• Battery life is up to 135 minutes</li> <li>• Remote controller, 3x propellers</li> </ul> <p>Includes: lithium polymer batteries; gimball protector, battery charger, power cable, USB adapter, spare control sticks, RC cables (lighting connector, standard Micro SD USB connector &amp; USB Type-C connector); 128GB Micro SD card</p>