



3	2	<b>Digital Analytical Balance -</b>  Electrical Requirements: Voltage: 100/240V, 50/60 Hz, Wattage: 2w Dimensions: Draft shield Height [Metric] Chamber: 20.9cm, Height [Metric]: 32cm, Width [Metric] Pan: 12cm, Width [Metric]: 21.6cm, Depth [Metric]: 36cm Weight [Metric]: 4.9kg, Capacity [Metric]: 210g Material: Material: Gold, Die-cast Aluminium, ABS Plastic Linearity: ±2mg, Readability: 1mg  Warranty: 2 Years. Certifications: GLP, GMP			
4	2	<b>Hot Plate/Stirrer -</b>  Electrical Requirements: Voltage 230V, 50/60Hz , 3.1W Dimensions: Width [Metric]: 10.79cm, plate size: 127mm x 178mm Temperature Range: 5°C to 550°C Speed: 60 to 1150rpm			
5	2	<b>Digital Top Loading Balance</b>  Electrical Requirements: Voltage: 100/240V, 50/60 Hz, Wattage: 2w Dimensions: Width [Metric]: 21.6cm, Width [Metric] Pan: 18cm, Weight [Metric]: 4.7kg, Height [Metric]: 9.5cm, Depth [Metric]: 36cm Capacity [Metric]: 1100g Material: Gold, Die-cast Aluminium, ABS Plastic Linearity: ±20mg, Readability: 20mg  Balance Quintix 1102-1S precision standard Warranty: 2 Years. Certifications: GLP, GMP			
6	2	<b>Electrophoresis Chamber -</b>  Volume [Metric] Buffer: 800mL Dimensions [L x W x H] Exterior: 9.63 x 7.06 x 3.75 in. (24.5 x 18 x 9.5cm) Width [Metric] Gel: 12cm Length [Metric] Gel: 14cm Sample Size: 8 to 48  System includes: buffer chamber, lid w/attached power supply leads. Gel tray silk screened with a fluorescent ruler. Runs 8 to 48 samples. Two comb slots on gel trays Certifications: CE marked			

7	2	<b>Electrophoresis Power Supply -</b>  Electrical Requirements: Voltage 230V, 50Hz Dimensions (L x W x H): 6 x 8 x 4.5 in. (15 x 20 x 11cm) Current: 300mA @ 150-250V; 500mA below 150V No. of Jacks: 2  Certifications/Compliance CE marked			
8	2	<b>Eye Wash Station -</b>  Eyewash Faucet-Mount			
9	2	<b>Laboratory Freezer -</b>  Electrical Requirements: 230V, 50Hz, EU Plug Dimensions [Metric] L x W x H: 64 x 59.5 x 156.5cm Capacity [Metric]: 232L Temperature [Metric] Range: -10° to -30°C Weight: 90kg Includes: 2 shelves, 3 baskets  Upright Freezer, freezers are ideal for storing potentially flammable material in general laboratory settings. Consists manual defrost, ATEX certified. Hydrocarbon refrigerant. Integrated controller with digital display and high and low-temperature alarms. Door ajar alarm Certifications: CE	Exterior		
10	2	<b>Laboratory Refrigerator -</b>  Refrigerator GPS large capacity double door  Electrical Requirements: 230V, 50Hz Dimensions external (w x d x h): 1400mm x 800mm x 1980mm Temperature range: +1°C to +11°C Weight: 190kg Capacity: 1400L number: 6  large capacity double door glass doors, auto defrost, digital controller and display, door locks and casters and high and low audio and visual temperature alarm	Shelf		

11	2	<b>Microcentrifuge -</b>  Electrical Requirements: Voltage 230V, 50/60Hz Dimensions [L x W x H] Exterior: 13.75 x 9.63 x 8.88 in. (25.2 x 24.3 x 22.5cm) Capacity [Metric]: 24 x 1.5/2.0mL or Max. 48mL Max Speed: 13300rpm Maximum Force Range: 17,000 to 17,999 x G Includes: 24 x 1.5/2.0mL rotor Noise Level: <56dbA Certifications: IEC 61010-1, IEC 61010-2, IEC 61010-020. CSA certified, CE IVD compliant, Certified Biosafety  Certifications: IEC 61010-1, IEC 61010-2, IEC 61010-020. CSA certified, CE IVD compliant, Certified Biosafety			
12	2	<b>Microwave -</b>  Capacity: 2L Dimensions: H25.8 x W43.7 x D33.7cm  Microwave Oven, Black - 2 year guarantee			
13	2	<b>Mini Centrifuge -</b>  Electrical Requirements: Voltage 220 - 230V,50/60Hz Dimensions (mm): 153 x 128 x 104 Weight: 0.6kg Max RCF: 2000G Maximum speed: 6000rpm  Includes 6 place rotor for 1.5mL/2.0mL tubes and eight-place rotor for two tube strips.			
14	2	<b>PCR Workstation -</b>  Eletrical Requirements: 230V 50/60Hz Workstation dimensions (w x d x h), mm: 737 x 610 x 729 Includes: 4 x 3-pin UK sockets in the cabinet The UV automatically switches off when the door is opened to protect the user. It also features a 30min timer for the UV to control dosage. It is constructed from a robust aluminium housing and UV blocking acrylic. The interior is anti-microbial stainless steel. UV3 units - Include a 254nm light source, UV/air circulator and 4 stage HEPA filtration			

15	2	<b>Real Time PCR Machine</b>  Electrical Requirements: Voltage 100-230V, 50-60Hz, Input power 715W Dimensions (WxHxD): 407 x 508 x 534mm Weight: 25kg PC connectivity USB, OS Win XP SP3 or higher and Win 7 (one unit per PC) Plate format: Low profile 96-well plate (skirted or non-skirted) Temperature range: 4 to 98°C Sample volume: 15 to 50ul Block uniformity at 50°C Fluorescence excitation range: 470-650nm (standard filters are centered at 485, 530, 580 and 640nm) Fluorescence detection range: 500-710nm (standard filters are centered at 520, 560, 615 and 685nm)			
16	1	<b>Refrigerated Centrifuge -</b>  Electrical Requirements: Voltage 230V, 50/60 Hz Power Consumption: 550W Temperature range: -11...+40 °C Max. Capacity: 48x1,5/2,0 ml (with rotor FA-45-48-11) Max. Speed (min-1): 16220 (with rotor FA-45-24-11) Max. RCF(xg): 25000 (with rotor FA-45-24-11) Dimensions (W x D x H): 319x540x254 mm  Microcentrifuge 5427 R set, with rotor FA-45-30-11, UK-plug			
17	2	<b>Shaking Incubator -</b>  Electrical Requirements: Voltage 230V, 50Hz, 250W Heater Power: 200W Overall dimensions (w x d x h): 361 x 405 x 430mm Orbit diameter: 1.5 mm Speed Range: 250 to 1250rpm Temperature Range: Ambient + 7°C to 60°C  ombination of a bench top laboratory incubator with the specific mixing action required for microtitre plates. Optimised performance to minimize sample evaporation. Digital display for temperature and speed.			
18	2	<b>Vortex Mixer -</b>  Electrical Requirements: 230V, 50Hz Dimensions [w x d x h], mm: 180 x 220 x 70 Weight: 2.4kg Speed, rpm: 0 to 3,000 Orbit diameter: 4.5mm			



Microbiology Lab					
1	2	3	4	5	6
Item No	Quantity	Specifications Required	Specifications Offered	Notes, remarks, ref to documentation	Evaluation Committee's notes
1	6	<b>Adjustable Laboratory Chairs -</b>  Adjustable Height: 570 - 850 mm Foot form: glides Seat height adjustment by gas-lift Anatomically designed seat and backrest Washable, easy to clean, robust and durable  Laboratory chair, made from artificial black leather, backrest adjustable in height and inclination, backrest pendular embedded. The glides are wear-proof plastic and have a large surface area and offer a high level of stability			
2	2	<b>Bacti-cinerator -</b>  Metal Loop & Forcep steriliser			
3	2	<b>Benchtop Centrifuge -</b>  Electrical Requirements: Voltage 230V, 50Hz, Wattage: 180w Dimensions[L x W x H] Exterior: 18.7 x 15 x 12.4 in. (47.5 x 38 x 31.5cm) Weight [Metric]: 30kg Capacity [Metric]: 12 x 15mL or 180mL Max. Relative Centrifugal Force: 2028 x G  Supplied with swing out rotor, 8 x 15mL for 7.0mL to 15mL tubes and all necessary adapters. Maintenance free brushless induction drive and speed up to 4000rpm  Certifications: EN 61 010-1, EN 61 010-2-020, EN 50 081-1, EN 50 082-1, UVV VBG 7z test is not required.			

4	2	<p><b>Biosafety Cabinet Type II -</b></p> <p>Electrical Requirements: Voltage 230V, 50/60Hz  Dimensions [L x W x H] Exterior: 31.3 x 79.5 x 86.6 in. (79.5 x 190 x 152cm)  Receptacle Type: Two double, left and right side  Filter Type: HEPA  Lighting Type: UV-C  Noise Level: &lt;59dBA</p> <p>Certifications: EN 12469, by TuV Nord, LNE (0.9 and 1.2m). EN 12469, by TuV Nord (1.5 and 1.8m)</p> <p>Two year parts and labour warranty</p>			
5	2	<p><b>Chemical Safety Cabinet -</b></p> <p>Dimensions (w x d x h), exterior: 900mm x 615mm x 1955mm  Dimensions (w x d x h), interior: 750mm x 520mm x 1645mm  Depth with open doors: 1016mm  Extraction air (NW): 75  Air exchange 10 times (m3/h): 6,8  Pressure drop inside the cabinet (Pa): &lt;5</p> <p>Four pull-out drawers, plastic laminated sheet steel RAL 7035. Triple hinged door, safety elements assembled outside the storage compartment for increased protection against corrosion, scratch- and impact-resistant surface, easy to clean. doors lockable with cylinder locking and locking state indicator (red/green). Furnace tested (type test) in accordance with EN 14470-1</p> <ul style="list-style-type: none"> <li>• Fire resistance 90 minutes</li> <li>• GS approval, CE conformity</li> <li>• EN 14727 conformity (laboratory furniture)</li> </ul>			
6	2	<p><b>CO2 Incubator -</b></p> <p>Electrical Requirements: Voltage 120-230V, 50/60Hz Capacity: 150L  Dimensions: 637mm x 867mm x 766mm Temperature Range: 3°C to 55°C</p>			



7	6	<p><b>Compound Microscope -</b></p> <p>Electrical Requirements: 220-240V/50-60 Hz (Euro connector)  4x / 10x / 40x / 100x Planachromatic objectives Eyepieces: 10x/20mm wide-fieldI Interpupillary distance adjustment (Siedentopf type): 55 to 75 mm  Converter: built-in low voltage (6V- electronic) with light intensity control  Bulb: halogen 6V/30W/G4  Supplied with: blue and green filter, 1 spare bulb, 2 spare fuses, immersion oil 10 ml, soft rubber eyecups, dust cover and instruction manual</p> <p>inclined at 30°. Size 210x140mm with built-in mechanical stage and slide clip. Focusing knobs and Transversal and longitudinal adjustment by fingertip contro</p>			
8	2	<p><b>CPU, Mouse and Keyboard</b></p> <p>Desktop PC, Intel Core i3,  8GB RAM, 1TB, Silver - Intel Core i3 processor  Storage: 1TB of hard drive space,  2 USB 2.0, 4 USB 3.0, audio in/out, HDMI  7-in-1 memory card reader, the 550-075na  fast Ethernet and wi-fi 802.11b/g/n  2 year guarantee</p> <p>Electrical Requirements: Voltage: 100/240V, 50/60 Hz, Wattage: 2w  Dimensions: Draft shield Height [Metric] Chamber: 20.9cm, Height [Metric]: 32cm, Width [Metric] Pan: 12cm, Width [Metric]: 21.6cm, Depth [Metric]: 36cm Weight [Metric]: 4.9kg,  Capacity [Metric]: 210g  Material: Material: Gold, Die-cast Aluminium, ABS Plastic  Linearity: ±2mg, Readability: 1mg</p>			
9	2	<p><b>Digital Analytical Balance -</b></p> <p>Electrical Requirements: Voltage: 100/240V, 50/60 Hz, Wattage: 2w  Dimensions: Draft shield Height [Metric] Chamber: 20.9cm, Height [Metric]: 32cm, Width [Metric] Pan: 12cm, Width [Metric]: 21.6cm, Depth [Metric]: 36cm Weight [Metric]: 4.9kg,  Capacity [Metric]: 210g  Material: Material: Gold, Die-cast Aluminium, ABS Plastic  Linearity: ±2mg, Readability: 1mg</p> <p>isoCAL fully automatic internal adjustment, direct data transfer, ergonomic style and, new touchscreen user interface with built-in application programs. Warranty: 2 Years. Certifications: GLP, GMP</p>			

10	2	<p><b>Digital Drying Oven</b></p> <p>Electrical Requirements: (230V, 50/60Hz): 7.4A  Dimensions (W x D x H): Interior (mm): 585 x 460 x 555, Exterior (mm): 740 x 625 x 922  Temperature Range: Amb. +10 to 220  Chamber Volume (l / cu ft): 150 / 5.3  Net Weight (kg): 59</p> <p>Corrosion-resistant incoloy sheath heater and stainless steel chamber.  From +10 degrees C above room temperature to 220C.  Microprocessor PID control / Auto-tuning / Calibration.  Digital LED display using touch-sensitive keypads.  Over-temperature limit / Door open alarm.  Circular fan assisted forced-air convection provides a high uniformed drying performance.  Two circular adjustable top slide vents helps to control inner air vapour circulation</p>			
11	2	<p><b>Digital Orbital Shaker -</b></p> <p>Electrical Requirements: Voltage 230V, 50Hz, 50W Platform dimensions (w x l): 355 x 355mm Speed range: 5 to 70rpm Angle of tilt: 3 to 12° Overall dimensions (w x d x h): 360 x 420 x 170</p> <p>3D gyratory motion, ideal for low foaming agitation, DNA extractions, staining and de-staining procedures etc. The angle of tilt can be moved to any position by hand to optimize mixing of vessels. Digital selection of both speed and time facilitates accurate and reproducible conditions. Both parameters are controlled via an easy to use encoder control knob and displayed on the bright LED display. Also supplied with a non-slip mat which holds flat based vessels securely in place during mixing</p>			
12	2	<p><b>Digital Top Loading Balance -</b></p> <p>Electrical Requirements: Voltage: 100/240V, 50/60 Hz, Wattage: 2w  Dimensions: Width [Metric]: 21.6cm, Width [Metric] Pan: 18cm, Weight [Metric]: 4.7kg, Height [Metric]: 9.5cm, Depth [Metric]: 36cm  Capacity [Metric]: 1100g  Material: Gold, Die-cast Aluminium, ABS Plastic  Linearity: ±20mg, Readability: 20mg</p> <p>isoCAL fully automatic internal adjustment, direct data transfer, ergonomic style and, above all, the entirely new touchscreen user interface with built-in application programs.  Warranty: 2 Years. Certifications: GLP, GMP</p>			

13	2	<b>Eye Wash Station</b> Eyewash Faucet-Mount			
14	2	<b>General Incubator -</b> Electrical Requirements: Voltage 230V, 50/60Hz, 300 W, 3.7 A Temperature Range: 5°C above ambient to 75°C (+/-0.2°C at 37°C) Dimensions (w x d x h): 530mm x 565mm x 755mm Weight: 40kg Capacity: 76L Shelves Included: 2  Gravity convection technology for minimum drying out of samples. Stainless steel interior stackable. Safe view of samples through internal glass door, without impact on temperature. Alarm in case of temperature deviations. 2 year warranty			
15	2	<b>Laboratory Freezer -</b> Electrical Requirements: 230V, 50Hz, EU Plug Exterior Dimensions [Metric] L x W x H: 64 x 59.5 x 156.5cm Capacity [Metric]: 232L Temperature [Metric] Range: -10° to -30°C Weight: 90kg Includes: 2 shelves, 3 baskets  freezers are ideal for storing potentially flammable material in general laboratory settings. Consists manual defrost, ATEX certified. Hydrocarbon refrigerant. Integrated controller with digital display and high and low-temperature alarms. Door ajar alarm Certifications: CE			
16	2	<b>Laboratory Refrigerator -</b> Electrical Requirements: 230V, 50Hz Dimensions external (w x d x h): 1400mm x 800mm x 1980mm Temperature range: +1°C to +11°C Weight: 190kg Capacity: 1400L Shelf number: 6  large capacity double door glass doors, auto defrost, digital controller and display, door locks and casters and high and low audio and visual temperature alarm			

17	1	<p><b>Phase Contrast Microscope -</b></p> <p>Electrical Requirements: 220-240V/50-60 Hz (Euro connector)  Objectives: 4 planachromatic positive phase objectives  - PC 10x / 0.25 / 160 / 0.17 PH+ spring loaded  - PC 20x / 0.40 / 160 / 0.17 PH+ spring loaded  - PC 40x / 0.65 / 160 / 0.17 PH+ spring loaded  - PC 100x / 1.25 / 160 / 0.17 PH+ (oil) spring loaded  Eyepieces: 10x/20mm wide-field  Interpupillary distance adjustment (Siedentopf type): 55 to 75 mm  Converter: built-in low voltage (6V- electronic) with light intensity control  Bulb: halogen 6V/30W/G4  Supplied with: blue and green filter, 1 spare bulb, 2 spare fuses, immersion oil 10 ml, soft rubber eyecups, dust cover and instruction manual  Condenser:  - phase contrast turret type - NA 1.25  - 4 phase annular stops, centrable and 1 neutral brightfield position  - iris diaphragm  Supplied with (additional): centering telescope, green filter and manual</p> <p>trinocular, including vertical photo/video port (Ø30mm). inclined at 30°. Size 210x140mm with built-in mechanical stage and slide clip. Focusing knobs and Transversal and longitudinal adjustment by fingertip control</p>			
18	2	<p><b>Shaking Incubator -</b></p> <p>Electrical Requirements: Voltage 230V, 50Hz, 250W Heater Power: 200W  Overall dimensions (w x d x h): 361 x 405 x 430mm Orbit diameter: 1.5 mm  Speed  Range: 250 to 1250rpm  Temperature Range: Ambient + 7°C to 60°C</p> <p>Combination of a bench top laboratory incubator with the specific mixing action required for microtitre plates. Optimised performance to minimize sample evaporation. Digital display for temperature and speed.</p>			

19	2	<b>Stomacher -</b>  Paddle speed (min-1) - 230/265/300 ±5                      Timer: 30/60/120/continuous Dimensions (W×D×H): 290×320×180mm Weight: 15kg  fast reliable blending and homogenisation of a broad range of laboratory samples. ideal for processing samples of a biohazardous nature as the sample is contained in a sterile plastic bag at all times			
20	2	<b>Vortex Mixer -</b>  Electrical Requirements: supplied with both UK and EU adapters Speed: fixed 2,800rpm    Orbit: 4.5mm Weight: 0.5kg  consists touch function which activates the motor immediately upon contact with a tube or vessel. The unique cup design accepts tubes and vessels of all sizes, including 15 and 50mL conical tubes Two year warranty			
21	3	<b>Water Bath -</b>  Electrical Requirements: Voltage 230V, 50/60Hz , 1250W Dimensions Height (internal), mm: 150 Bath volume: 22L    Weight: 12kg Temperature range, °C: Ambient +5 to +99 Stability, °C: +/-0.1      Display resolution °C: 0.1			
22	2	<b>System Requirements PC:</b> Windows 8.1, 8, 7: 1 GHz 32-bit (x86) or 64-bit (x64) processor, 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer Compatible Operating Systems: Windows 8.1, 8, 7, Vista; Mac OS X Lion, OS X Mountain Lion, OS X Mavericks  <b>Compatible Inks:</b> HP 62 Black & Tri-colour OR HP 62XL Black & Tri-colour OR HP Instant Ink Dimensions: H161 x W454 x D410 mm Functions: Print, Scan, Copy Manufacturer Part Number (MPN): B9S59A			

Entomology Lab					
1	2	3	4	5	6
Item No	Quantity	Specifications Required	Specifications Offered	Notes, remarks, ref to documentation	Evaluation Committee's notes
1	3	<b>Adjustable Laboratory Chairs -</b>  Adjustable Height: 570 - 850 mm Foot form: glides Seat height adjustment by gas-lift Anatomically designed seat and backrest Washable, easy to clean, robust and durable  Laboratory chair, made from artificial black leather, backrest adjustable in height and inclination, backrest pendular embedded. The glides are wear-proof plastic and have a large surface area and offer a high level of stability			
2	1	<b>Biosfety Cabinet Type II -</b>  Electrical Requirements: Voltage 230V, 50/60Hz Dimensions [L x W x H] Exterior: 31.3 x 79.5 x 86.6 in. (79.5 x 190 x 152cm) Receptacle Type: Two double, left and right side Filter Type: HEPA Lighting Type: UV-C Noise Level: <59dBA  Certifications: EN 12469, by TuV Nord, LNE (0.9 and 1.2m). EN 12469, by TuV Nord (1.5 and 1.8m) Two year parts and labour warranty			

3	2	<p><b>Compound Microscope -</b></p> <p>Electrical Requirements: 220-240V/50-60 Hz (Euro connector)  4x / 10x / 40x / 100x Planachromatic objectives Eyepieces: 10x/20mm wide-field  Interpupillary distance adjustment (Siedentopf type): 55 to 75 mm  Converter: built-in low voltage (6V- electronic) with light intensity control  Bulb: halogen 6V/30W/G4  Supplied with: blue and green filter, 1 spare bulb, 2 spare fuses, immersion oil 10 ml, soft rubber eyecups, dust cover and instruction manual</p> <p>Inclined at 30°. Size 210x140mm with built-in mechanical stage and slide clip. Focusing knobs and Transversal and longitudinal adjustment by fingertip control</p>			
4	1	<p><b>Digital Analytical Balance -</b></p> <p>Electrical Requirements: Voltage: 100/240V, 50/60 Hz, Wattage: 2w  Dimensions: Draft shield Height [Metric] Chamber: 20.9cm, Height [Metric]: 32cm, Width [Metric] Pan: 12cm, Width [Metric]: 21.6cm, Depth [Metric]: 36cm Weight [Metric]: 4.9kg,  Capacity [Metric]: 210g  Material: Material: Gold, Die-cast Aluminium, ABS Plastic  Linearity: <math>\pm 2</math>mg, Readability: 1mg</p> <p>isoCAL fully automatic internal adjustment, direct data transfer, ergonomic style and, new touchscreen user interface with built-in application programs. Warranty: 2 Years. Certifications: GLP, GMP</p>			

5	1	<b>Digital Drying Oven -</b>  Electrical Requirements: (230V, 50/60Hz): 7.4A Dimensions (W x D x H): Interior (mm): 585 x 460 x 555, Exterior (mm): 740 x 625 x 922 Temperature Range: Amb. +10 to 220 Chamber Volume (l / cu ft): 150 / 5.3 Net Weight (kg): 59  Corrosion-resistant incoloy sheath heater and stainless steel chamber. From +10 degrees C above room temperature to 220C. Microprocessor PID control / Auto-tuning / Calibration. Digital LED display using touch-sensitive keypads. Over-temperature limit / Door open alarm. Circular fan assisted forced-air convection provides a high uniformed drying performance. Two circular adjustable top slide vents helps to control inner air vapour circulation			
6	2	<b>Digital Top Loading Balance -</b>  Electrical Requirements: Voltage: 100/240V, 50/60 Hz, Wattage: 2w Dimensions: Width [Metric]: 21.6cm, Width [Metric] Pan: 18cm, Weight [Metric]: 4.7kg, Height [Metric]: 9.5cm, Depth [Metric]: 36cm Capacity [Metric]: 1100g Material: Gold, Die-cast Aluminium, ABS Plastic Linearity: $\pm 20\text{mg}$ , Readability: 20mg  isoCAL fully automatic internal adjustment, direct data transfer, ergonomic style and, above all, the entirely new touchscreen user interface with built-in application programs. Warranty: 2 Years. Certifications: GLP, GMP			
7	1	<b>Eye Wash Station -</b>  Eyewash Faucet-Mount			



8	1	<p><b>General Incubator -</b></p> <p>Electrical Requirements: Voltage 230V, 50/60Hz, 300 W, 3.7 A  Temperature Range: 5°C above ambient to 75°C (+/-0.2°C at 37°C)  Dimensions (w x d x h): 530mm x 565mm x 755mm Weight: 40kg  Capacity: 76L Shelves Included: 2</p> <p>stainless steel interior stackable. Safe view of samples through internal glass door, without impact on temperature. Alarm in case of temperature deviations.  2 year warranty</p>			
9	5	<p><b>Insect Breeding Cages -</b></p> <p>Dimensions: 17"x16"x14" (42.5x40x35cm)</p> <p>Medium wooden framed cage</p>			
10	1	<p><b>Laboratory Refrigerator With Freezer -</b></p> <p>Electrical Requirements: 230V, 50Hz, EU Plug  Exterior Dimensions [Metric] L x W x H: 61 x 54.5 x 167.5cm  Capacity Refrigerator: 159L  Capacity Freezer: 109L  Refrigerant: Hydrocarbon  Temperature Range (Refrigerator): 1° to 11°C Temperature Range (Freezer): -12° to -20°C  Weight: 95kg Includes: 3 shelves, 2 1/2 half baskets /1 shelf, 2 baskets frz</p> <p>Integrated controller with digital display and high and low-temperature alarms. Door ajar alarm. manual freezer/auto refrigerator defrost. Hydrocarbon refrigerants and HCFC\CFC free insulation</p> <p>Certifications: CE, ATEX</p>			

11	2	<p><b>Stereoscopic Microscope -</b></p> <p>Electrical Requirements: Mains power: 220-240V/50-60Hz (Euro connector)  Objectives: planachromatic 1x supplied as standard  Interpupillary distance adjustment : 45 to 75 mm Eyepieces: 10x/22mm  super wide-field Illumination:  - episcopic: fixed under the optical head and directional condensing lens  LED 5W  - diascope: built into base LED 5W  Converter: built-in low voltage (6V - electronic) with light intensity control  Supplied with: 2 rubber eyecups, dust cover, instruction manual and one blue filter</p> <p>Binocular, inclined at 20°, 1 :8 zoom ratio standard magnification 8x to 64x.</p>			
12	1	<p><b>Tube Rocker/Mixer -</b></p> <p>Electrical Requirements: 230V, 50Hz, 50W Roller size (length x diameter):  340x30mm Overall dimensions (w x d x h):  565x240x110mm  Net weight: 5.1kg  Speed: 33rpm  Roller number: 6  Control: Analog</p> <p>This roller mixer provides a gentle, but highly efficient, rocking and rolling action. The six rollers design has a small space saving footprint. Control is through a simple on/off switch and the unit will run continuously at the fixed speed of 33rpm. Recommended for mixing blood samples, viscous substances and liquid-solid suspensions where minimum aeration is required</p>			
13	1	<p><b>Vortex Mixer -</b></p> <p>Electrical Requirements: 230V, 50Hz  Dimensions [w x d x h], mm: 180 x 220 x 70  Weight: 2.4kg  Speed, rpm: 0 to 3,000 Orbit diameter: 4.5mm</p> <p>Three anti-sliding feet help to absorb vibration and increase stability. Wizard model features unique infrared tube sensing system and automatically activates vibration</p>			

14	1	<b>Water Bath -</b>  Electrical Requirements: Voltage 230V, 50/60Hz , 1250W Dimensions Height (internal), mm: 150 Bath volume: 22L Weight: 12kg Temperature range, °C: Ambient +5 to +99 Stability, °C: +/-0.1      Display resolution °C: 0.1			
15	1	<b>Wooden Insect Showcase Cabinet -</b>  Includes: 20 drawers Overall dimensions: 53cm width x 49cm depth x 140cm high Door Choice: Glass Drawers: Plastazote  A natural finish cabinet with either a glass panelled door or solid wood panel door. Drawers lined with cork and paper or plastazote			
16	1	<b>Printer</b>  System Requirements PC: Windows 8.1, 8, 7: 1 GHz 32-bit (x86) or 64-bit (x64) processor, 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer  Compatible Operating Systems: Windows 8.1, 8, 7, Vista; Mac OS X Lion, OS X Mountain Lion, OS X Mavericks  Compatible Inks: HP 62 Black & Tri-colour OR HP 62XL Black & Tri-colour OR HP Instant Ink Dimensions: H161 x W454 x D410 mm Functions: Print, Scan, Copy Manufacturer Part Number (MPN): B9S59A			

Nematology Lab					
1	2	3	4	5	6
Item No	Quantity	Specifications Required	Specifications Offered	Notes, remarks, ref to documentation	Evaluation Committee's notes
1	3	<b>Adjustable Laboratory Chairs -</b>  Adjustable Height: 570 - 850 mm Foot form: glides Seat height adjustment by gas-lift Anatomically designed seat and backrest Washable, easy to clean, robust and durable  Laboratory chair, made from artificial black leather, backrest adjustable in height and inclination, backrest pendular embedded. The glides are wear-proof plastic and have a large surface area and offer a high level of stability			
2	1	<b>Biosfety Cabinet Type II -</b>  Electrical Requirements: Voltage 230V, 50/60Hz Dimensions [L x W x H] Exterior: 31.3 x 79.5 x 86.6 in. (79.5 x 190 x 152cm) Type: Two double, left and right side Type: HEPA Lighting Type: UV-C Noise Level: <59dBA  Receptacle Filter  Certifications: EN 12469, by TuV Nord, LNE (0.9 and 1.2m). EN 12469, by TuV Nord (1.5 and 1.8m) Two year parts and labour warranty			
3	1	<b>Centrifuge Rotor -</b>  Capacity: 4 place rotor			

4	1	<b>Compound Microscope -</b>  Electrical Requirements: 220-240V/50-60 Hz (Euro connector) 4x / 10x / 40x / 100x Planachromatic objectives Eyepieces: 10x/20mm wide-field Interpupillary distance adjustment (Siedentopf type): 55 to 75 mm Converter: built-in low voltage (6V- electronic) with light intensity control Bulb: halogen 6V/30W/G4 Supplied with: blue and green filter, 1 spare bulb, 2 spare fuses, immersion oil 10 ml, soft rubber eyecups, dust cover and instruction manual			
5	1	<b>CPU, Mouse and Keyboard -</b>  Desktop PC, Intel Core i3, 8GB RAM, 1TB, Silver - Intel Core i3 processor Storage: 1TB of hard drive space, 2 USB 2.0, 4 USB 3.0, audio in/out, HDMI 7-in-1 memory card reader, the 550-075na fast Ethernet and wi-fi 802.11b/g/n 2 year guarantee  Electrical Requirements: Voltage: 100/240V, 50/60 Hz, Wattage: 2w Dimensions: Draft shield Height [Metric] Chamber: 20.9cm, Height [Metric]: 32cm, Width [Metric] Pan: 12cm, Width [Metric]: 21.6cm, Depth [Metric]: 36cm Weight [Metric]: 4.9kg, Capacity [Metric]: 210g Material: Material: Gold, Die-cast Aluminium, ABS Plastic Linearity: ±2mg, Readability: 1mg			

6	1	<p><b>Digital Analytical Balance -</b></p> <p>Electrical Requirements: Voltage: 100/240V, 50/60 Hz, Wattage: 2w  Dimensions: Draft shield Height [Metric] Chamber: 20.9cm, Height [Metric]: 32cm, Width [Metric] Pan: 12cm, Width [Metric]: 21.6cm, Depth [Metric]: 36cm Weight [Metric]: 4.9kg,  Capacity [Metric]: 210g  Material: Material: Gold, Die-cast Aluminium, ABS Plastic  Linearity: <math>\pm 2</math>mg, Readability: 1mg</p> <p>isoCAL fully automatic internal adjustment, direct data transfer, ergonomic style and, new touchscreen user interface with built-in application programs. Warranty: 2 Years. Certifications: GLP, GMP</p>			
7	1	<p><b>Digital Drying Oven -</b></p> <p>Electrical Requirements: (230V, 50/60Hz): 7.4A  Dimensions (W x D x H): Interior (mm): 585 x 460 x 555, Exterior (mm): 740 x 625 x 922  Temperature Range: Amb. +10 to 220  Chamber Volume (l / cu ft): 150 / 5.3  Net Weight (kg): 59</p> <p>Corrosion-resistant incoloy sheath heater and stainless steel chamber. From +10 degrees C above room temperature to 220C.  Microprocessor PID control / Auto-tuning / Calibration.  Digital LED display using touch-sensitive keypads.  Over-temperature limit / Door open alarm.  Circular fan assisted forced-air convection provides a high uniformed drying performance.  Two circular adjustable top slide vents helps to control inner air vapour circulation</p>			

8	1	<b>Digital Hot Plate/Stirrer -</b> Electrical Requirements: Voltage 230V, 50/60Hz , 3.1W Dimensions: Width [Metric]: 10.79cm, plate size: 127mm x 178mm Temperature Range: 5°C to 550°C Speed: 60 to 1150rpm			
9	1	<b>Digital Orbital Shaker -</b> Electrical Requirements: Voltage 230V, 50Hz, 50W Platform dimensions (w x l): 355 x 355mm Speed range: 5 to 70rpm Angle of tilt: 3 to 12° Overall dimensions (w x d x h): 360 x 420 x 170			
10	2	<b>Digital Top Loading Balance -</b> Electrical Requirements: Voltage: 100/240V, 50/60 Hz, Wattage: 2w Dimensions: Width [Metric]: 21.6cm, Width [Metric] Pan: 18cm, Weight [Metric]: 4.7kg, Height [Metric]: 9.5cm, Depth [Metric]: 36cm Capacity [Metric]: 1100g Material: Gold, Die-cast Aluminium, ABS Plastic      Linearity: ±20mg, Readability: 20mg Warranty: 2 Years. Certifications: GLP, GMP			
11	1	<b>Dispenser/Diluter -</b> Electrical Requirements: Voltage 24VDC, 50/60Hz, 2.5A Dimensions [L x W x H]: 7 x 5.5 x 10.5 in. (177.8 x 139.7 x 266.7mm) Includes: Universal valve, country specific power cord and the choice of one syringe Flow Rate: 0.003 to 6000 Accuracy: ±1% standalone syringe pump; 48,000 step resolution over 60mm; 0.003-6000Glc µL/second flow rate; Ethernet and 10/100 BASE-T; Dual Syringe Pump without Controller or Accessories			

12	1	<b>Domestic Blender -</b>  Capacity: 1.5L Power: 400W Dimensions: H17.5 x W22 x D18.5cm  2year guarantee			
13	1	<b>Domestic Food Processor -</b>  Working Capacity (dry): 2.1L Working Capacity(liquid): 1.75L Dimensions: 36.8 X 21 X 21 cm Power: 750W Speed: 2  3-in-1 compact set up with a large 2.1L bowl, a blender and grinder mill. 4 stainless steel discs. Processor PowerChop technology combination of blade shape, cutting angle and inner bowl that provides a superior chopping result for both soft and hard ingredients.  2 year guarantee			
14	1	<b>Eye Wash Station</b>  Eyewash Faucet-Mount			
15	1	<b>General Incubator</b>  Electrical Requirements: Voltage230V, 50/60Hz , 300 W, 3.7 A Temperature Range: 5°C above ambient to 75°C (+/-0.2°C at 37°C) Dimensions (w x d x h): 530mm x 565mm x 755mm Weight: 40kg Capacity: 76L Shelves Included: 2  Stainless steel interior stackable. Safe view of samples through internal glass door, without impact on temperature. Alarm in case of temperature deviations. 2 year warranty			
16	2	<b>High Intensity Illuminator</b>  Power: 150W  Ergonomically designed cold light source with cooled polypropylene body including double swan neck arm.			



17	1	<p><b>Laboratory Refrigerator With Freezer</b></p> <p>Electrical Requirements: 230V, 50Hz, EU Plug  Exterior Dimensions [Metric] L x W x H: 61 x 54.5 x 167.5cm  Capacity Refrigerator: 159L  Capacity Freezer: 109L  Refrigerant: Hydrocarbon  Temperature Range (Refrigerator): 1° to 11°C Temperature Range (Freezer): -12° to -20°C  Weight: 95kg Includes: 3 shelves, 2 1/2 half baskets /1 shelf, 2 baskets frz</p> <p>Integrated controller with digital display and high and low-temperature alarms. Door ajar alarm. manual freezer/auto refrigerator defrost.  Hydrocarbon refrigerants and HCFC\CFC free insulation</p> <p>Certifications: CE, ATEX</p>			
18	4	<p><b>Sieve -</b></p> <p>Dimensions: 50 X 25mm (diameter x h)  Mesh size: 0,045 mm  Mesh size: 0,075 mm  Mesh size: 0,025 mm  Mesh size: 0,850 mm  Mesh size: 0,150 mm  Mesh size: 0,250 mm</p> <p>All sieves are supplied with serial number and a certificate of compliance with the order 2.1 according to DIN EN 10204</p>			

19	1	<b>Stereoscopic Microscope -</b>  Electrical Requirements: Mains power: 220-240V/50-60Hz (Euro connector) Objectives: planachromatic 1x supplied as standard Interpupillary distance adjustment : 45 to 75 mm Eyepieces: 10x/22mm super wide-field Illumination: - episcopic: fixed under the optical head and directional condensing lens LED 5W - diascope: built into base LED 5W Converter: built-in low voltage (6V - electronic) with light intensity control Supplied with: 2 rubber eyecups, dust cover, instruction manual and one blue filter  Binocular, inclined at 20°, 1 :8 zoom ratio standard magnification 8x to 64x.			
20	1	<b>Vortex Mixer -</b>  Electrical Requirements: 230V, 50Hz Dimensions [w x d x h], mm: 180 x 220 x 70 Weight: 2.4kg Speed, rpm: 0 to 3,000 Orbit diameter: 4.5mm  Three anti-sliding feet help to absorb vibration and increase stability. Wizard model features unique infrared tube sensing system and automatically activates vibration			
21	1	<b>Water Bath -</b>  Electrical Requirements: Voltage 230V, 50/60Hz , 1250W Dimensions Height (internal), mm: 150 Bath volume: 22L Weight: 12kg Temperature range, °C: Ambient +5 to +99 Stability, °C: +/-0.1 Display resolution °C: 0.1			

22	1	<p><b>Printer</b></p> <p>System Requirements PC: Windows 8.1, 8, 7: 1 GHz 32-bit (x86) or 64-bit (x64) processor, 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer</p> <p>Compatible Operating Systems: Windows 8.1, 8, 7, Vista; Mac OS X Lion, OS X Mountain Lion, OS X Mavericks</p> <p>Compatible Inks: HP 62 Black &amp; Tri-colour OR HP 62XL Black &amp; Tri-colour OR HP Instant Ink</p> <p>Dimensions: H161 x W454 x D410 mm</p> <p>Functions: Print, Scan, Copy</p> <p>Manufacturer Part Number (MPN): B9S59A</p>			
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Media Room					
1	2	3	4	5	6
Item No	Quantity	Specifications Required	Specifications Offered	Notes, remarks, ref to documentation	Evaluation Committee's notes
1	2	<b>Digital Analytical Balance -</b> Electrical Requirements: Voltage: 100/240V, 50/60 Hz, Wattage: 2w Dimensions: Draft shield Height [Metric] Chamber: 20.9cm, Height [Metric]: 32cm, Width [Metric] Pan: 12cm, Width [Metric]: 21.6cm, Depth [Metric]: 36cm Weight [Metric]: 4.9kg, Capacity [Metric]: 210g Material: Material: Gold, Die-cast Aluminium, ABS Plastic Linearity: ±2mg, Readability: 1mg			
2	2	<b>Digital Hot Plate/Stirrer</b> Electrical Requirements: Voltage 230V, 50/60Hz , 3.1W Dimensions: Width [Metric]: 10.79cm, plate size: 127mm x 178mm Temperature Range: 5°C to 550°C Speed: 60 to 1150rpm			
3	1	<b>Digital Orbital Shaker</b> Electrical Requirements: Voltage 230V, 50Hz, 50W Platform dimensions (w x l): 355 x 355mm Speed range: 5 to 70rpm Angle of tilt: 3 to 12° Overall dimensions (w x d x h): 360 x 420 x 170			

4	1	<b>Digital Top Loading Balance</b>  Electrical Requirements: Voltage: 100/240V, 50/60 Hz, Wattage: 2w Dimensions: Width [Metric]: 21.6cm, Width [Metric] Pan: 18cm, Weight [Metric]: 4.7kg, Height [Metric]: 9.5cm, Depth [Metric]: 36cm Capacity [Metric]: 1100g Material: Gold, Die-cast Aluminium, ABS Plastic Linearity: ±20mg, Readability: 20mg  Warranty: 2 Years. Certifications: GLP, GMP			
5	1	<b>Ductless Hood</b>  Electrical Requirements: 230V, 50Hz Exterior Dimensions: 555 H x 690 W x 515 Dmm UV Setting: Recirculator, 25w (efficiency >99% per 1 cycle) Plug Type: UK Size (Metric) Working Area: 650 x 475mm  General purpose bacteriocidal air recirculator. Dual 15W UV lamps front opening. 3 adjustable positions stainless steel frame. UV- protective film glass UV Lamp: Open, 25w bacteriocidal, 254nm, ozone- free Warranty: 2 Years Certifications: CE, Declaration of conformity			
6	1	<b>Eye Wash Station</b>  Eyewash Faucet-Mount			
7	1	<b>Laboratory Refrigerator</b>  Electrical Requirements: 230V, 50Hz Dimensions external (w x d x h): 1400mm x 800mm x 1980mm Temperature range: +1°C to +11°C Weight: 190kg Capacity: 1400L Shelf number: 6  large capacity double door glass doors, auto defrost, digital controller and display, door locks and casters and high and low audio and visual temperature alarm			

8	1	<p><b>pH Meter -</b></p> <p>Electrical Requirements: power adapter 110-240V 50/60Hz  Temperature [Metric] Range: -0° to +100°C  pH Values: 0 to 14  Probe Type: NTC</p> <p>Meter, operating instructions, Quick Guide, power adapter, LE438 pH electrode (01-911-250), electrode arm, 2 each pH 4.01 and pH 7.00 buffer sachets</p>			
9	1	<p><b>Water Bath -</b></p> <p>Electrical Requirements: Voltage 230V, 50/60Hz, 1250W  Dimensions Height (internal), mm: 150  Bath volume: 22L Weight: 12kg  Temperature range, °C: Ambient +5 to +99  Stability, °C: +/-0.1 Display resolution °C: 0.1</p>			
10	1	<p><b>Water Still</b></p> <p>Electrical Requirements: Voltage 220/240V, 50-60Hz, 3kW single phase  Dimensions (w x d x h): 540 x 160 x 410mm Output: 4 litres/hr, single distilled pH: 5.0 - 6.5 Conductivity, µS/cm-1: 1.0 - 2.0  Resistivity, mOhm-cm: 0.5 - 1.0 Temperature: 25 - 35°C  Pyrogen free Water Supply: 1 litre/min, 3 - 100psi, (20-700kPa)</p> <p>All glass construction with silica sheathed heaters ensures top purity distillate at an economical price. Fitted with a control device to turn off the heater when the collecting reservoir is full. Prevents overflow if the still is inadvertently left switched on when unattended. With two independent safety thermostats to prevent over heating in the event of an interruption to the water supply.</p>			

Glassware Room					
1	2	3	4	5	6
Item No	Quantity	Specifications Required	Specifications Offered	Notes, remarks, ref to documentation	Evaluation Committee's notes
1	1	<b>Eye Wash Station</b> Eyewash Faucet-Mount			
2	1	<b>Hot Air Sterilizing Oven</b> Electrical Requirements: Voltage 230V, 50/60Hz, 3.4/2.2w Dimensions (w x h x d) Interior: 640mm x 800mm x 500mm Capacity: 256L Temperature Range: 10 to 250°C Display Type: LED			

Heamatology Lab					
1	2	3	4	5	6
Item No	Quantity	Specifications Required	Specifications Offered	Notes, remarks, ref to documentation	Evaluation Committee's notes
1	1	<b>Adjustable Laboratory Chairs -</b>  Adjustable Height: 570 - 850 mm Foot form: glides Seat height adjustment by gas-lift Anatomically designed seat and backrest Washable, easy to clean, robust and durable  Laboratory chair, made from artificial black leather, backrest adjustable in height and inclination, backrest pendular embedded. The glides are wear-proof plastic and have a large surface area and offer a high level of stability			
2	1	<b>Benchtop Centrifuge</b>  Electrical Requirements: Voltage 230V, 50Hz, Wattage: 180w Dimensions[L x W x H] Exterior: 18.7 x 15 x 12.4 in. (47.5 x 38 x 31.5cm) Weight [Metric]: 30kg Capacity [Metric]: 12 x 15mL or 180mL Max. Relative Centrifugal Force: 2028 x G  Supplied with swing out rotor, 8 x 15mL for 7.0mL to 15mL tubes and all necessary adapters. Maintenance free brushless induction drive and speed up to 4000rpm Certifications: EN 61 010-1, EN 61 010-2-020, EN 50 081-1, EN 50 082-1, UVV VBG 7z test is not required.			



3	2	<b>Compound Microscope</b>  Electrical Requirements: 220-240V/50-60 Hz (Euro connector) 4x / 10x / 40x / 100x Planachromatic objectives Eyepieces: 10x/20mm wide-field Interpupillary distance adjustment (Siedentopf type): 55 to 75 mm Converter: built-in low voltage (6V- electronic) with light intensity control Bulb: halogen 6V/30W/G4 Supplied with: blue and green filter, 1 spare bulb, 2 spare fuses, immersion oil 10 ml, soft rubber eyecups, dust cover and instruction manual  Inclined at 30°. Size 210x140mm with built-in mechanical stage and slide clip. Focusing knobs and Transversal and longitudinal adjustment by fingertip control			
4	1	<b>CPU, Mouse and Keyboard -</b>  Desktop PC, Intel Core i3, 8GB RAM, 1TB, Silver - Intel Core i3 processor Storage: 1TB of hard drive space, 2 USB 2.0, 4 USB 3.0, audio in/out, HDMI 7-in-1 memory card reader, the 550-075na fast Ethernet and wi-fi 802.11b/g/n 2 year guarantee  Electrical Requirements: Voltage: 100/240V, 50/60 Hz, Wattage: 2w Dimensions: Draft shield Height [Metric] Chamber: 20.9cm, Height [Metric]: 32cm, Width [Metric] Pan: 12cm, Width [Metric]: 21.6cm, Depth [Metric]: 36cm Weight [Metric]: 4.9kg, Capacity [Metric]: 210g Material: Material: Gold, Die-cast Aluminium, ABS Plastic Linearity: ±2mg, Readability: 1mg			
5	1	<b>Eye Wash Station</b>  Eyewash Faucet-Mount			

6	1	<p><b>Hematology Analyzer</b></p> <p>Throughput—Up to 25 samples/hour  Parameters - 24 hematology parameters, including 5-part WBC differential: WBC, LYM, MON, NEU, EOS, BAS, LYM%, MON%, NEU%, EOS%, BAS%, RBC, HCT, MCV, RDWc, RDWs, HGB, MCH, MCHC, PLT, PCT, MPV, PDWc &amp; PDWs  Sample volume: 25/50 µl of whole blood in 3/5 part mode  Sampling method: Open tube system with automatic sample rotor  Five-part mode: dog, cat, horse and cattle  Three-part mode: mouse, rat, rabbit, ferret, pig, sheep, goat, guinea pig and primate</p> <p>offers 5 part-diff results for animal healthcare. The analyzer features a large touch screen and has an intuitive user interface to offer an optimal solution for veterinary clinics and practices which require a high quality hematology analyzer. The Abacus Vet5 offers 5 part differential WBC results on Dog, Cat, Cattle, Horse, and 3 part differential WBC results on Mouse, Rat, Rabbit, Ferret, Sheep, Goat, Pig, Guinea Pig and Primate. Each Abacus Vet5 analyzer is almost maintenance-free resulting in minimal downtime and can store up to 5000 results</p>			
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7	1	<p><b>Laboratory Refrigerator With Freezer -</b></p> <p>Electrical Requirements: 230V, 50Hz, EU Plug  Exterior Dimensions [Metric] L x W x H: 61 x 54.5 x 167.5cm  Capacity Refrigerator: 159L  Capacity Freezer: 109L  Refrigerant: Hydrocarbon  Temperature Range (Refrigerator): 1° to 11°C Temperature Range (Freezer): -12° to -20°C  Weight: 95kg Includes: 3 shelves, 2 1/2 half baskets /1 shelf, 2 baskets frz</p> <p>Integrated controller with digital display and high and low-temperature alarms. Door ajar alarm. manual freezer/auto refrigerator defrost. Hydrocarbon refrigerants and HCFC/CFC free insulation</p> <p>Certifications: CE, ATEX</p>			
8	1	<p><b>Microhematocrit Centrifuge</b></p> <p>Electrical Requirements: Voltage 230V 50/60Hz  Maximum Speed Range: 13,000 to 13,999rpm  Timer: 1 to 99 min.  Dimensions [L x W x H] Exterior: 13.75 x 9.63 x 8.88 in. (25.2 x 24.3 x 22.5cm)  Max. Relative Centrifugal Force: 17000 x G  Includes: Hematocrit rotor  Noise Level: &lt;56dbA</p>			
9	1	<p><b>Tube Rocker/Mixer</b></p> <p>Electrical Requirements: 230V, 50Hz, 50W  Roller size (length x diameter): 340x30mm  Overall dimensions (w x d x h): 565x240x110mm  Net weight: 5.1kg  Speed: 33rpm  Roller number: 6  Control: Analog</p>			

10	1	<b>Vortex Mixer</b>  Electrical Requirements: 230V, 50Hz Dimensions [w x d x h], mm: 180 x 220 x 70 Weight: 2.4kg Speed, rpm: 0 to 3,000 Orbit diameter: 4.5mm  Three anti-sliding feet help to absorb vibration and increase stability. Wizard model features unique infrared tube sensing system and automatically activates vibration			
11	1	<b>Printer</b>  System Requirements PC: Windows 8.1, 8, 7: 1 GHz 32-bit (x86) or 64-bit (x64) processor, 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer  Compatible Operating Systems: Windows 8.1, 8, 7, Vista; Mac OS X Lion, OS X Mountain Lion, OS X Mavericks  Compatible Inks: HP 62 Black & Tri-colour OR HP 62XL Black & Tri-colour OR HP Instant Ink Dimensions: H161 x W454 x D410 mm Functions: Print, Scan, Copy Manufacturer Part Number (MPN): B9S59A			

Serology Lab					
1	2	3	4	5	6
Item No	Quantity	Specifications Required	Specifications Offered	Notes, remarks, ref to documentation	Evaluation Committee's notes
1	1	<b>Adjustable Laboratory Chairs -</b>  Adjustable Height: 570 - 850 mm Foot form: glides Seat height adjustment by gas-lift Anatomically designed seat and backrest Washable, easy to clean, robust and durable  Laboratory chair, made from artificial black leather, backrest adjustable in height and inclination, backrest pendular embedded. The glides are wear-proof plastic and have a large surface area and offer a high level of stability			
2	1	<b>Benchtop Centrifuge</b>  Electrical Requirements: Voltage 230V, 50Hz, Wattage: 180w Dimensions[L x W x H] Exterior: 18.7 x 15 x 12.4 in. (47.5 x 38 x 31.5cm) Weight [Metric]: 30kg Capacity [Metric]: 12 x 15mL or 180mL Max. Relative Centrifugal Force: 2028 x G  Supplied with swing out rotor, 8 x 15mL for 7.0mL to 15mL tubes and all necessary adapters. Maintenance free brushless induction drive and speed up to 4000rpm Certifications: EN 61 010-1, EN 61 010-2-020, EN 50 081-1, EN 50 082-1, UVV VBG 7z test is not required.			

3	1	<p><b>CPU, Mouse and Keyboard -</b></p> <p>Desktop PC, Intel Core i3, 8GB RAM, Silver - Intel Core i3 processor Storage: 1TB of hard drive space, 2 USB 2.0, 4 USB 3.0, audio in/out, HDMI 7-in-1 memory card reader, the 550-075na fast Ethernet and wi-fi 802.11b/g/n 2 year guarantee</p> <p>Electrical Requirements: Voltage: 100/240V, 50/60 Hz, Wattage: 2w Dimensions: Draft shield Height [Metric] Chamber: 20.9cm, Height [Metric]: 32cm, Width [Metric] Pan: 12cm, Width [Metric]: 21.6cm, Depth [Metric]: 36cm Weight [Metric]: 4.9kg, Capacity [Metric]: 210g Material: Material: Gold, Die-cast Aluminium, ABS Plastic Linearity: <math>\pm 2</math>mg, Readability: 1mg</p>			
4	1	<p><b>Digital Orbital Shaker</b></p> <p>Electrical Requirements: Voltage 230V, 50Hz, 50W Platform dimensions (w x l): 355 x 355mm Speed range: 5 to 70rpm      Angle of tilt: 3 to 12° Overall dimensions (w x d x h): 360 x 420 x 170</p> <p>Ideal for low foaming agitation, DNA extractions, staining and de-staining procedures etc. The angle of tilt can be moved to any position by hand to optimize mixing of vessels. Digital selection of both speed and time facilitates accurate and reproducible conditions. Both parameters are controlled via an easy to use encoder control knob and displayed on the bright LED display</p>			

5	1	<b>ELISA Reader</b>  Electrical Requirements: Voltage 100-240V 50/60Hz Device Holds: 96-well plates Measurement Time: 6 seconds, 96-well plate, fast mode; 12 seconds, 96-well plate, normal mode Interface Type: User: On- board or PC control Lighting Type: Quartz-halogen lamp Linearity: 0-3 Abs, $\pm 2\%$ at 405nm, 96-well plate 0-2.5 Abs, $\pm 2\%$ at 405nm, 384-well plate Wavelength Range: 340 to 850nm			
6	1	<b>Eye Wash Station</b>  Eyewash Faucet-Mount			

7	1	<p><b>Fluorescent Microscope</b></p> <p>Electrical Requirements: 220-240V/50-60 Hz (Euro connector)          Eyepieces: 10x/20mm wide-field          Objectives: Infinity planachromatic (CCS Optics)          - PC 4x / 0.10 / 160 / 0.17 FL          - PC 10x / 0.25 / 160 / 0.17 FL          - PC 40x / 0.65 / 160 / 0.17 FL ( Ceti Zi High clarity objective )          - PC 100x / 1.25 / 160 / 0.17 (oil) FL spring loaded          Interpupillary distance adjustment (Siedentopf type): 55 to 75 mm          Converter: built-in low voltage (6V- electronic) with light intensity control          Bulb:          halogen 6V/30W/G4          Illumination:          Brightfield: 6V/30W          Reflected: High pressure Mercury bulb - HBO 100W          Supplied with: blue and green filter, 1 spare bulb, 2 spare fuses, immersion oil 10 ml,          external lamphouse and power supply (for fluorescent attachment) with connecting cable          Anti-UV protections screen, soft rubber eyecups, dust cover and instruction manual</p> <p>trinocular, including vertical photo/video port (Ø30mm). inclined at 30°. Size 210x140mm with built-in mechanical stage and slide clip.</p>			
8	1	<p><b>Laboratory Freezer -</b></p> <p>Electrical Requirements: 230V, 50Hz, EU Plug          Exterior Dimensions [Metric] L x W x H: 64 x 59.5 x 156.5cm          Capacity [Metric]: 232L          Temperature [Metric] Range: -10° to -30°C          Weight: 90kg Includes: 2 shelves, 3 baskets</p> <p>freezers are ideal for storing potentially flammable material in general laboratory settings. Consists manual defrost, ATEX certified. Hydrocarbon refrigerant. Integrated controller with digital display and high and low-temperature alarms. Door ajar alarm          Certifications: CE</p>			



9	1	<b>Laboratory Refrigerator</b>  Electrical Requirements: 230V, 50Hz Dimensions external (w x d x h): 1400mm x 800mm x 1980mm Temperature range: +1°C to +11°C Weight: 190kg Capacity: 1400L Shelf number: 6  large capacity double door glass doors, auto defrost, digital controller and display, door locks and casters and high and low audio and visual temperature alarm			
10	1	<b>Minus 80 Upright Freezer</b>  Electrical Requirements: Voltage 230V, 50Hz, 12A Dimensions [L x W x H] Exterior: 32.9 x 33.3 x 77.9 in. (83.6 x 84.6 x 197.9cm) Dimensions [D x W x H] Interior: 19.3 x 23 x 51.5 in. (49 x 58.4 x 130.8cm) Temperature [Metric] Range: -50° to -86°C Count [Secondary Door]: 5 Capacity: 13 cu. ft., 368.1L Insulation Type: Urethane Plug Type: European  Programmable microprocessor control provides reliable sample protection, superior performance, excellent energy efficiency, and low noise levels. Manual defrost. Easy-to-read LED mounted on door. Control setpoint in 1°C increments; alarm setpoints in 5°C increments. Temperature deviation or power failure triggers audible/visual alarms. Steel cabinet with corrosion-resistant coating . Stainless-steel interior shelves Certifications: NEMA, UL, cUL, CE, TUV			

11	1	<p><b>Shaking Incubator</b></p> <p>Electrical Requirements: Voltage 230V, 50Hz, 300W  Heater power: 250W  Overall dimensions (w x d x h): 450 x 474 x 522mm Orbit diameter: 16mm Speed range: 30 to 300 rpm Temperature Range: Ambient + 5°C to 60°C</p> <p>This combined shaker and incubator is ideal for scientists doing cell culturing procedures, especially suspension culture applications. Digital display for temperature and speed. Unique retractable platform for easy loading and unloading</p>			
12	1	<p><b>Vortex Mixer</b></p> <p>Electrical Requirements: 230V, 50Hz  Dimensions [w x d x h], mm: 180 x 220 x 70  Weight: 2.4kg  Speed, rpm: 0 to 3,000 Orbit diameter: 4.5mm</p> <p>Three anti-sliding feet help to absorb vibration and increase stability. Wizard model features unique infrared tube sensing system and automatically activates vibration</p>			
13	1	<p><b>Printer</b></p> <p>System Requirements PC: Windows 8.1, 8, 7: 1 GHz 32-bit (x86) or 64-bit (x64) processor, 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer</p> <p>Compatible Operating Systems: Windows 8.1, 8, 7, Vista; Mac OS X Lion, OS X Mountain Lion, OS X Mavericks</p> <p>Compatible Inks: HP 62 Black &amp; Tri-colour OR HP 62XL Black &amp; Tri-colour OR HP Instant Ink  Dimensions: H161 x W454 x D410 mm  Functions: Print, Scan, Copy  Manufacturer Part Number (MPN): B9S59A</p>			

## food Technology Lab

1	2	3	4	5	6
Item No	Quantity	Specifications Required	Specifications Offered	Notes, remarks, ref to documentation	Evaluation Committee's notes
1	3	<b>Adjustable Laboratory Chairs -</b>  Adjustable Height: 570 - 850 mm Foot form: glides Seat height adjustment by gas-lift Anatomically designed seat and backrest Washable, easy to clean, robust and durable  Laboratory chair, made from artificial black leather, backrest adjustable in height and inclination, backrest pendular embedded. The glides are wear-proof plastic and have a large surface area and offer a high level of stability			
2	1	<b>Benchtop Centrifuge</b>  Electrical Requirements: Voltage 230V, 50Hz, Wattage: 180w Dimensions[L x W x H] Exterior: 18.7 x 15 x 12.4 in. (47.5 x 38 x 31.5cm) Weight [Metric]: 30kg Capacity [Metric]: 12 x 15mL or 180mL Max. Relative Centrifugal Force: 2028 x G  Supplied with swing out rotor, 8 x 15mL for 7.0mL to 15mL tubes and all necessary adapters. Maintenance free brushless induction drive and speed up to 4000rpm Certifications: EN 61 010-1, EN 61 010-2-020, EN 50 081-1, EN 50 082-1, UVV VBG 7z test is not required.			

3	1	<p><b>Biosafety Cabinet Type II</b></p> <p>Electrical Requirements: Voltage 230V, 50/60Hz  Dimensions [L x W x H] Exterior: 31.3 x 79.5 x 86.6 in. (79.5 x 190 x 152cm)  Receptacle Type: Two double, left and right side  Filter Type: HEPA  Lighting Type: UV-C  Noise Level: &lt;59dBA</p> <p>flexible and easy to use, ensuring the highest safety, quality and value. Whisper quiet operation and energy efficient d.c. motor technology. Ergonomically angled cabinet front and manual sliding sash. Certifications: EN 12469, by TuV Nord, LNE (0.9 and 1.2m). EN 12469, by TuV Nord (1.5 and 1.8m)  Two year parts and labour warranty</p>			
4	1	<p><b>Chemical Safety Cabinet</b></p> <p>Dimensions (w x d x h), exterior: 900mm x 615mm x 1955mm  Dimensions (w x d x h), interior: 750mm x 520mm x 1645mm  Depth with open doors: 1016mm  Extraction air (NW): 75  Air exchange 10 times (m3/h): 6,8  Pressure drop inside the cabinet (Pa): &lt;5</p> <p>pull-out drawers, plastic laminated sheet steel RAL 7035. Triple hinged door, safety elements assembled outside the storage compartment for increased protection against corrosion, scratch- and impact-resistant surface, easy to clean. doors lockable with cylinder locking and locking state indicator (red/green).  Furnace tested (type test) in accordance with EN 14470-1</p> <ul style="list-style-type: none"> <li>• Fire resistance 90 minutes</li> <li>• GS approval, CE conformity</li> <li>• EN 14727 conformity (laboratory furniture)</li> </ul>			

5	1	<p><b>Colorimeter</b></p> <p>Electrical Requirements: Voltage 230V, 50Hz Dimensions (l x w x d): 300 x 355 x 120mm Wavelength range: 400 to 710nm  Wavelength selection: 8 in-built gelatin filters: 430, 470, 490, 520, 540, 580, 600 and 710nm Measurement ranges: 0-100%T, 0-1.50Abs, 0.1 to 1000 Concentration  Light source: Tungsten filament lamp</p> <p>general purpose colorimeter, equipped with easy-to-use conventional style controls, making it ideal for routine and educational use. Sample flexibility with many size options. Mains or battery operated</p>			
6	1	<p><b>Compound Microscope</b></p> <p>Electrical Requirements: 220-240V/50-60 Hz (Euro connector)  4x / 10x / 40x / 100x Planachromatic objectives Eyepieces: 10x/20mm wide-fieldl Interpupillary distance adjustment (Siedentopf type): 55 to 75 mm  Converter: built-in low voltage (6V- electronic) with light intensity control Bulb: halogen 6V/30W/G4  Supplied with: blue and green filter, 1 spare bulb, 2 spare fuses, immersion oil 10 ml, soft rubber eyecups, dust cover and instruction manual</p> <p>Inclined at 30°. Size 210x140mm with built-in mechanical stage and slide clip. Focusing knobs and Transversal and longitudinal adjustment by fingertip control</p>			

7	1	<p><b>CPU, Mouse and Keyboard -</b></p> <p>Desktop PC, Intel Core i3, 8GB RAM, Silver - Intel Core i3 processor Storage: 1TB of hard drive space, 2 USB 2.0, 4 USB 3.0, audio in/out, HDMI 7-in-1 memory card reader, the 550-075na fast Ethernet and wi-fi 802.11b/g/n 2 year guarantee</p> <p>Electrical Requirements: Voltage: 100/240V, 50/60 Hz, Wattage: 2w Dimensions: Draft shield Height [Metric] Chamber: 20.9cm, Height [Metric]: 32cm, Width [Metric] Pan: 12cm, Width [Metric]: 21.6cm, Depth [Metric]: 36cm Weight [Metric]: 4.9kg, Capacity [Metric]: 210g Material: Material: Gold, Die-cast Aluminium, ABS Plastic Linearity: <math>\pm 2</math>mg, Readability: 1mg</p>			
8	2	<p><b>Digital Analytical Balance -</b></p> <p>Electrical Requirements: Voltage: 100/240V, 50/60 Hz, Wattage: 2w Dimensions: Draft shield Height [Metric] Chamber: 20.9cm, Height [Metric]: 32cm, Width [Metric] Pan: 12cm, Width [Metric]: 21.6cm, Depth [Metric]: 36cm Weight [Metric]: 4.9kg, Capacity [Metric]: 210g Material: Material: Gold, Die-cast Aluminium, ABS Plastic Linearity: <math>\pm 2</math>mg, Readability: 1mg</p>			

9	1	<b>Digital Drying Oven -</b>  Electrical Requirements: (230V, 50/60Hz): 7.4A Dimensions (W x D x H): Interior (mm): 585 x 460 x 555, Exterior (mm): 740 x 625 x 922 Temperature Range: Amb. +10 to 220 Chamber Volume (l / cu ft): 150 / 5.3 Net Weight (kg): 59  Corrosion-resistant incoloy sheath heater and stainless steel chamber. From +10 degrees C above room temperature to 220C. Microprocessor PID control / Auto-tuning / Calibration. Digital LED display using touch-sensitive keypads. Over-temperature limit / Door open alarm. Circular fan assisted forced-air convection provides a high uniformed drying performance. Two circular adjustable top slide vents helps to control inner air vapour circulation			
10	1	<b>Digital Hot Plate/Stirrer -</b>  Electrical Requirements: Voltage 230V, 50/60Hz , 3.1W Dimensions: Width [Metric]: 10.79cm, plate size: 127mm x 178mm Temperature Range: 5°C to 550°C Speed: 60 to 1150rpm			
11	1	<b>Digital Orbital Shaker -</b>  Electrical Requirements: Voltage 230V, 50Hz, 50W Platform dimensions (w x l): 355 x 355mm Speed range: 5 to 70rpm Angle of tilt: 3 to 12° Overall dimensions (w x d x h): 360 x 420 x 170			

12	2	<b>Digital Top Loading Balance -</b>  Electrical Requirements: Voltage: 100/240V, 50/60 Hz, Wattage: 2w Dimensions: Width [Metric]: 21.6cm, Width [Metric] Pan: 18cm, Weight [Metric]: 4.7kg, Height [Metric]: 9.5cm, Depth [Metric]: 36cm Capacity [Metric]: 1100g Material: Gold, Die-cast Aluminium, ABS Plastic      Linearity: $\pm 20\text{mg}$ , Readability: 20mg  Warranty: 2 Years. Certifications: GLP, GMP			
13	1	<b>Dispenser/Diluter</b>  Electrical Requirements: Voltage 24VDC, 50/60Hz, 2.5A Dimensions [L x W x H]: 7 x 5.5 x 10.5 in. (177.8 x 139.7 x 266.7mm) Includes: Universal valve, country specific power cord and the choice of one syringe Flow Rate: 0.003 to 6000 Accuracy: $\pm 1\%$  Standalone syringe pump; 48,000 step resolution over 60mm; 0.003- 6000Glc $\mu\text{L}$ /second flow rate; Ethernet and 10/100 BASE-T;			
14	1	<b>Eye Wash Station</b>  Eyewash Faucet-Mount			
15	1	<b>Gas Chromatography/Mass Spectrometer</b>  Has the ability to screen and quantify more than 1,000 compounds in a single run.			
16	1	<b>High Performance Liquid Chromatography (HPLC) -</b>  analytical chemistry technique used to separate, identify, and quantify each component in a liquid mixture.			
17	1	<b>High Temperature Digester</b>  Electrical Requirements: Voltage 230V, 50/60 Hz			



18	1	<p><b>Laboratory Freezer -</b></p> <p>Electrical Requirements: 230V, 50Hz, EU Plug  Exterior Dimensions [Metric] L x W x H: 64 x 59.5 x 156.5cm  Capacity [Metric]: 232L  Temperature [Metric] Range: -10° to -30°C  Weight: 90kg Includes: 2 shelves, 3 baskets</p> <p>freezers are ideal for storing potentially flammable material in general laboratory settings. Consists manual defrost, ATEX certified. Hydrocarbon refrigerant. Integrated controller with digital display and high and low-temperature alarms. Door ajar alarm  Certifications: CE</p>			
19	1	<p><b>Laboratory Refrigerator</b></p> <p>Electrical Requirements: 230V, 50Hz  Dimensions external (w x d x h): 1400mm x 800mm x 1980mm  Temperature range: +1°C to +11°C  Weight: 190kg  Capacity: 1400L  Shelf number: 6</p> <p>large capacity double door glass doors, auto defrost, digital controller and display, door locks and casters and high and low audio and visual temperature alarm</p>			
20	1	<p><b>Mini Centrifuge</b></p> <p>Electrical Requirements: Voltage 220 - 230V,50/60Hz      Dimensions (mm): 153 x 128 x 104      Weight: 0.6kg      Max RCF: 2000G      Maximum speed: 6000rpm</p> <p>Includes 6 place rotor for 1.5mL/2.0mL tubes and eight-place rotor for two tube strips. Constructed from durable UV-resistant plastic. Also has a storage case which keeps rotors and adapters contained and dust-free. Supplied with an internal safety switch ensures unit will not operate without lid in place</p>			

21	1	<p><b>pH Meter -</b></p> <p>Electrical Requirements: power adapter 110-240V 50/60Hz  Temperature [Metric] Range: -0° to +100°C  pH Values: 0 to 14  Probe Type: NTC</p> <p>Meter, operating instructions, Quick Guide, power adapter, LE438 pH electrode (01-911-250), electrode arm, 2 each pH 4.01 and pH 7.00 buffer sachets</p>			
22	1	<p><b>Shaking Incubator -</b></p> <p>Electrical Requirements: Voltage 230V, 50Hz, 250W Heater Power: 200W  Overall dimensions (w x d x h): 361 x 405 x 430mm Orbit diameter: 1.5 mm  Speed Range: 250 to 1250rpm  Temperature Range: Ambient + 7°C to 60°C</p> <p>ombination of a bench top laboratory incubator with the specific mixing action required for microtitre plates. Optimised performance to minimize sample evaporation. Digital display for temperature and speed.</p>			
23	1	<p><b>Stomacher -</b></p> <p>Paddle speed (min-1) - 230/265/300 ±5                      Timer: 30/60/120/continuous  Dimensions (W×D×H): 290×320×180mm  Weight: 15kg</p> <p>fast reliable blending and homogenisation of a broad range of laboratory samples. ideal for processing samples of a biohazardous nature as the sample is contained in a sterile plastic bag at all times</p>			

24	1	<b>Vortex Mixer</b>  Electrical Requirements: 230V, 50Hz Dimensions [w x d x h], mm: 180 x 220 x 70 Weight: 2.4kg Speed, rpm: 0 to 3,000 Orbit diameter: 4.5mm  Three anti-sliding feet help to absorb vibration and increase stability. Wizard model features unique infrared tube sensing system and automatically activates vibration			
25	2	<b>Water Bath -</b>  Electrical Requirements: Voltage 230V, 50/60Hz , 1250W Dimensions Height (internal), mm: 150 Bath volume: 22L Weight: 12kg Temperature range, °C: Ambient +5 to +99 Stability, °C: +/-0.1 Display resolution °C: 0.1			
26	1	<b>Printer</b>  System Requirements PC: Windows 8.1, 8, 7: 1 GHz 32-bit (x86) or 64-bit (x64) processor, 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer  Compatible Operating Systems: Windows 8.1, 8, 7, Vista; Mac OS X Lion, OS X Mountain Lion, OS X Mavericks  Compatible Inks: HP 62 Black & Tri-colour OR HP 62XL Black & Tri-colour OR HP Instant Ink Dimensions: H161 x W454 x D410 mm Functions: Print, Scan, Copy Manufacturer Part Number (MPN): B9S59A			

Food Processing Lab					
1	2	3	4	5	6
Item No	Quantity	Specifications Required	Specifications Offered	Notes, remarks, ref to documentation	Evaluation Committee's notes
1	3	<b>Adjustable Laboratory Chairs -</b>  Adjustable Height: 570 - 850 mm Foot form: glides Seat height adjustment by gas-lift Anatomically designed seat and backrest Washable, easy to clean, robust and durable  Laboratory chair, made from artificial black leather, backrest adjustable in height and inclination, backrest pendular embedded. The glides are wear-proof plastic and have a large surface area and offer a high level of stability			
2	1	<b>Benchtop Centrifuge</b>  Electrical Requirements: Voltage 230V, 50Hz, Wattage: 180w Dimensions[L x W x H] Exterior: 18.7 x 15 x 12.4 in. (47.5 x 38 x 31.5cm) Weight [Metric]: 30kg Capacity [Metric]: 12 x 15mL or 180mL Max. Relative Centrifugal Force: 2028 x G  Supplied with swing out rotor, 8 x 15mL for 7.0mL to 15mL tubes and all necessary adapters. Maintenance free brushless induction drive and speed up to 4000rpm Certifications: EN 61 010-1, EN 61 010-2-020, EN 50 081-1, EN 50 082-1, UVV VBG 7z test is not required.			

3	1	<b>CPU, Mouse and Keyboard -</b>  Desktop PC, Intel Core i3, 8GB RAM, Silver - Intel Core i3 processor Storage: 1TB of hard drive space, 2 USB 2.0, 4 USB 3.0, audio in/out, HDMI 7-in-1 memory card reader, the 550-075na fast Ethernet and wi-fi 802.11b/g/n 2 year guarantee  Electrical Requirements: Voltage: 100/240V, 50/60 Hz, Wattage: 2w Dimensions: Draft shield Height [Metric] Chamber: 20.9cm, Height [Metric]: 32cm, Width [Metric] Pan: 12cm, Width [Metric]: 21.6cm, Depth [Metric]: 36cm Weight [Metric]: 4.9kg, Capacity [Metric]: 210g Material: Material: Gold, Die-cast Aluminium, ABS Plastic Linearity: $\pm 2$ mg, Readability: 1mg			
4	2	<b>Digital Analytical Balance -</b>  Electrical Requirements: Voltage: 100/240V, 50/60 Hz, Wattage: 2w Dimensions: Draft shield Height [Metric] Chamber: 20.9cm, Height [Metric]: 32cm, Width [Metric] Pan: 12cm, Width [Metric]: 21.6cm, Depth [Metric]: 36cm    Weight [Metric]: 4.9kg, Capacity [Metric]: 210g Material: Material: Gold, Die-cast Aluminium, ABS Plastic Linearity: $\pm 2$ mg, Readability: 1mg			

5	1	<b>Digital Drying Oven</b>  Electrical Requirements: (230V, 50/60Hz): 7.4A Dimensions (W x D x H): Interior (mm): 585 x 460 x 555, Exterior (mm): 740 x 625 x 922 Temperature Range: Amb. +10 to 220 Chamber Volume (l / cu ft): 150 / 5.3 Net Weight (kg): 59  Corrosion-resistant incoloy sheath heater and stainless steel chamber. From +10 degrees C above room temperature to 220C. Microprocessor PID control / Auto-tuning / Calibration. Digital LED display using touch-sensitive keypads. Over-temperature limit / Door open alarm. Circular fan assisted forced-air convection provides a high uniformed drying performance. Two circular adjustable top slide vents helps to control inner air vapour circulation			
6	1	<b>Digital Orbital Shaker -</b>  Electrical Requirements: Voltage 230V, 50Hz, 50W Platform dimensions (w x l): 355 x 355mm Speed range: 5 to 70rpm Angle of tilt: 3 to 12° Overall dimensions (w x d x h): 360 x 420 x 170			
7	2	<b>Digital Top Loading Balance -</b>  Electrical Requirements: Voltage: 100/240V, 50/60 Hz, Wattage: 2w Dimensions: Width [Metric]: 21.6cm, Width [Metric] Pan: 18cm, Weight [Metric]: 4.7kg, Height [Metric]: 9.5cm, Depth [Metric]: 36cm Capacity [Metric]: 1100g Material: Gold, Die-cast Aluminium, ABS Plastic Linearity: ±20mg, Readability: 20mg  Warranty: 2 Years. Certifications: GLP, GMP			

8	1	<b>Domestic Blender -</b> Capacity: 1.5L Power: 400W Dimensions: H17.5 x W22 x D18.5cm  Silver/Black - 2year guarantee			
9	1	<b>Domestic Food Processor -</b> Working Capacity (dry): 2.1L Working Capacity(liquid): 1.75L Dimensions: 36.8 X 21 X 21 cm Power: 750W Speed: 2  3-in-1 compact set up with a large 2.1L bowl, a blender and grinder mill. 4 stainless steel discs. Processor PowerChop technology combination of blade shape, cutting angle and inner bowl that provides a superior chopping result for both soft and hard ingredients.  2 year guarantee			
10	1	<b>Eye Wash Station</b> Eyewash Faucet-Mount			
11	1	<b>General Incubator</b>  Electrical Requirements: Voltage230V, 50/60Hz , 300 W, 3.7 A Temperature Range: 5°C above ambient to 75°C (+/-0.2°C at 37°C) Dimensions (w x d x h): 530mm x 565mm x 755mm Weight: 40kg Capacity: 76L Shelves Included: 2  Stainless steel interior stackable. Safe view of samples through internal glass door, without impact on temperature. Alarm in case of temperature deviations. 2 year warranty			

12	1	<b>Laboratory Freezer -</b>  Electrical Requirements: 230V, 50Hz, EU Plug Exterior Dimensions [Metric] L x W x H: 64 x 59.5 x 156.5cm Capacity [Metric]: 232L Temperature [Metric] Range: -10° to -30°C Weight: 90kg Includes: 2 shelves, 3 baskets  freezers are ideal for storing potentially flammable material in general laboratory settings. Consists manual defrost, ATEX certified. Hydrocarbon refrigerant. Integrated controller with digital display and high and low-temperature alarms. Door ajar alarm Certifications: CE			
13	1	<b>Laboratory Refrigerator</b>  Electrical Requirements: 230V, 50Hz Dimensions external (w x d x h): 1400mm x 800mm x 1980mm Temperature range: +1°C to +11°C Weight: 190kg Capacity: 1400L Shelf number: 6  large capacity double door glass doors, auto defrost, digital controller and display, door locks and casters and high and low audio and visual temperature alarm			
14	1	<b>pH Meter -</b>  Electrical Requirements: power adapter 110-240V 50/60Hz Temperature [Metric] Range: -0° to +100°C pH Values: 0 to 14 Probe Type: NTC  Meter, operating instructions, Quick Guide, power adapter, LE438 pH electrode (01-911-250), electrode arm, 2 each pH 4.01 and pH 7.00 buffer sachets			



15	1	<b>Stomacher -</b>  Paddle speed (min-1) - 230/265/300 ±5 Timer: 30/60/120/continuous Dimensions (W×D×H): 290×320×180mm Weight: 15kg  fast reliable blending and homogenisation of a broad range of laboratory samples. ideal for processing samples of a biohazardous nature as the sample is contained in a sterile plastic bag at all times			
16	2	<b>Vortex Mixer</b>  Electrical Requirements: 230V, 50Hz Dimensions [w x d x h], mm: 180 x 220 x 70 Weight: 2.4kg Speed, rpm: 0 to 3,000 Orbit diameter: 4.5mm  Three anti-sliding feet help to absorb vibration and increase stability. Wizard model features unique infrared tube sensing system and automatically activates vibration			
17	1	<b>Water Bath -</b>  Electrical Requirements: Voltage 230V, 50/60Hz , 1250W Dimensions Height (internal), mm: 150 Bath volume: 22L Weight: 12kg Temperature range, °C: Ambient +5 to +99 Stability, °C: +/-0.1 Display resolution °C: 0.1			
18	1	<b>Printer</b>  System Requirements PC: Windows 8.1, 8, 7: 1 GHz 32-bit (x86) or 64-bit (x64) processor, 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer  Compatible Operating Systems: Windows 8.1, 8, 7, Vista; Mac OS X Lion, OS X Mountain Lion, OS X Mavericks  Compatible Inks: HP 62 Black & Tri-colour OR HP 62XL Black & Tri-colour OR HP Instant Ink Dimensions: H161 x W454 x D410 mm Functions: Print, Scan, Copy Manufacturer Part Number (MPN): B9S59A			

Analytical Chemistry					
1	2	3	4	5	6
Item No	Quantity	Specifications Required	Specifications Offered	Notes, remarks, ref to documentation	Evaluation Committee's notes
1	3	<b>Adjustable Laboratory Chairs -</b>  Adjustable Height: 570 - 850 mm Foot form: glides Seat height adjustment by gas-lift Anatomically designed seat and backrest Washable, easy to clean, robust and durable  Laboratory chair, made from artificial black leather, backrest adjustable in height and inclination, backrest pendular embedded. The glides are wear-proof plastic and have a large surface area and offer a high level of stability			
2	1	<b>Benchtop Centrifuge</b>  Electrical Requirements: Voltage 230V, 50Hz, Wattage: 180w Dimensions[L x W x H] Exterior: 18.7 x 15 x 12.4 in. (47.5 x 38 x 31.5cm) Weight [Metric]: 30kg Capacity [Metric]: 12 x 15mL or 180mL Max. Relative Centrifugal Force: 2028 x G  Supplied with swing out rotor, 8 x 15mL for 7.0mL to 15mL tubes and all necessary adapters. Maintenance free brushless induction drive and speed up to 4000rpm Certifications: EN 61 010-1, EN 61 010-2-020, EN 50 081-1, EN 50 082-1, UVV VBG 7z test is not required.			

3	1	<b>CPU, Mouse and Keyboard -</b>  Desktop PC, Intel Core i3, 8GB RAM, Silver - Intel Core i3 processor Storage: 1TB of hard drive space, 2 USB 2.0, 4 USB 3.0, audio in/out, HDMI 7-in-1 memory card reader, the 550-075na fast Ethernet and wi-fi 802.11b/g/n 2 year guarantee  Electrical Requirements: Voltage: 100/240V, 50/60 Hz, Wattage: 2w Dimensions: Draft shield Height [Metric] Chamber: 20.9cm, Height [Metric]: 32cm, Width [Metric] Pan: 12cm, Width [Metric]: 21.6cm, Depth [Metric]: 36cm Weight [Metric]: 4.9kg, Capacity [Metric]: 210g Material: Material: Gold, Die-cast Aluminium, ABS Plastic Linearity: $\pm 2$ mg, Readability: 1mg			
4	1	<b>Digital Orbital Shaker -</b>  Electrical Requirements: Voltage 230V, 50Hz, 50W Platform dimensions (w x l): 355 x 355mm Speed range: 5 to 70rpm Angle of tilt: 3 to 12° Overall dimensions (w x d x h): 360 x 420 x 170			
5	1	<b>Dispenser/Diluter</b>  Electrical Requirements: Voltage 24VDC, 50/60Hz, 2.5A Dimensions [L x W x H]: 7 x 5.5 x 10.5 in. (177.8 x 139.7 x 266.7mm) Includes: Universal valve, country specific power cord and the choice of one syringe Flow Rate: 0.003 to 6000 Accuracy: $\pm 1\%$  Standalone syringe pump; 48,000 step resolution over 60mm; 0.003- 6000Glc $\mu$ L/second flow rate; Ethernet and 10/100 BASE-T;			
6	1	<b>Eye Wash Station</b>  Eyewash Faucet-Mount			

7	1	<p><b>General Incubator</b></p> <p>Electrical Requirements: Voltage 230V, 50/60Hz, 300 W, 3.7 A  Temperature Range: 5°C above ambient to 75°C (+/-0.2°C at 37°C)  Dimensions (w x d x h): 530mm x 565mm x 755mm Weight: 40kg  Capacity: 76L Shelves Included: 2</p> <p>Stainless steel interior stackable. Safe view of samples through internal glass door, without impact on temperature. Alarm in case of temperature deviations.  2 year warranty</p>			
8	1	<p><b>Distillation Unit</b></p> <p>Electrical Requirements: Voltage 230V 50/60Hz Dimensions: 400mm(w) x 360mm(d) x 660mm(h) Detection: 0.02mg Nitrogen, Steam Output: 30 to 100%</p> <p>supplied either as a stand-alone manual instrument, or with a titration set to make the instrument semi-automatic when connected to an external titrator. For reproducible protein and nitrogen determinations the splash protector is crucial as it prevents loss of sample during distillation.</p>			
9	1	<p><b>Laboratory Freezer -</b></p> <p>Electrical Requirements: 230V, 50Hz, EU Plug  Exterior Dimensions [Metric] L x W x H: 64 x 59.5 x 156.5cm  Capacity [Metric]: 232L  Temperature [Metric] Range: -10° to -30°C  Weight: 90kg Includes: 2 shelves, 3 baskets</p> <p>freezers are ideal for storing potentially flammable material in general laboratory settings. Consists manual defrost, ATEX certified. Hydrocarbon refrigerant. Integrated controller with digital display and high and low-temperature alarms. Door ajar alarm  Certifications: CE</p>			

10	1	<p><b>Laboratory Refrigerator</b></p> <p>Electrical Requirements: 230V, 50Hz  Dimensions external (w x d x h): 1400mm x 800mm x 1980mm  Temperature range: +1°C to +11°C  Weight: 190kg  Capacity: 1400L  Shelf number: 6</p> <p>large capacity double door glass doors, auto defrost, digital controller and display, door locks and casters and high and low audio and visual temperature alarm</p>			
11	1	<p><b>Printer</b></p> <p>System Requirements PC: Windows 8.1, 8, 7: 1 GHz 32-bit (x86) or 64-bit (x64) processor, 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer</p> <p>Compatible Operating Systems: Windows 8.1, 8, 7, Vista; Mac OS X Lion, OS X Mountain Lion, OS X Mavericks</p> <p>Compatible Inks: HP 62 Black &amp; Tri-colour OR HP 62XL Black &amp; Tri-colour OR HP Instant Ink  Dimensions: H161 x W454 x D410 mm  Functions: Print, Scan, Copy  Manufacturer Part Number (MPN): B9S59A</p>			

Plant Patahology Lab					
1	2	3	4	5	6
Item No	Quantity	Specifications Required	Specifications Offered	Notes, remarks, ref to documentation	Evaluation Committee's notes
1	3	<b>Adjustable Laboratory Chairs -</b>  Adjustable Height: 570 - 850 mm Foot form: glides Seat height adjustment by gas-lift Anatomically designed seat and backrest Washable, easy to clean, robust and durable  Laboratory chair, made from artificial black leather, backrest adjustable in height and inclination, backrest pendular embedded. The glides are wear-proof plastic and have a large surface area and offer a high level of stability			
2	3	<b>Compound Microscope</b>  Electrical Requirements: 220-240V/50-60 Hz (Euro connector) 4x / 10x / 40x / 100x Planachromatic objectives Eyepieces: 10x/20mm wide-fieldI Interpupillary distance adjustment (Siedentopf type): 55 to 75 mm Converter: built-in low voltage (6V- electronic) with light intensity control Bulb: halogen 6V/30W/G4 Supplied with: blue and green filter, 1 spare bulb, 2 spare fuses, immersion oil 10 ml, soft rubber eyecups, dust cover and instruction manual  Inclined at 30°. Size 210x140mm with built-in mechanical stage and slide clip. Focusing knobs and Transversal and longitudinal adjustment by fingertip control			

3	1	<b>CPU, Mouse and Keyboard -</b>  Desktop PC, Intel Core i3, 8GB RAM, Silver - Intel Core i3 processor Storage: 1TB of hard drive space, 2 USB 2.0, 4 USB 3.0, audio in/out, HDMI 7-in-1 memory card reader, the 550-075na fast Ethernet and wi-fi 802.11b/g/n 2 year guarantee  Electrical Requirements: Voltage: 100/240V, 50/60 Hz, Wattage: 2w Dimensions: Draft shield Height [Metric] Chamber: 20.9cm, Height [Metric]: 32cm, Width [Metric] Pan: 12cm, Width [Metric]: 21.6cm, Depth [Metric]: 36cm Weight [Metric]: 4.9kg, Capacity [Metric]: 210g Material: Material: Gold, Die-cast Aluminium, ABS Plastic Linearity: ±2mg, Readability: 1mg			
4	1	<b>Eye Wash Station</b>  Eyewash Faucet-Mount			
5	1	<b>Laboratory Freezer -</b>  Electrical Requirements: 230V, 50Hz, EU Plug Exterior Dimensions [Metric] L x W x H: 64 x 59.5 x 156.5cm Capacity [Metric]: 232L Temperature [Metric] Range: -10° to -30°C Weight: 90kg Includes: 2 shelves, 3 baskets  freezers are ideal for storing potentially flammable material in general laboratory settings. Consists manual defrost, ATEX certified. Hydrocarbon refrigerant. Integrated controller with digital display and high and low- temperature alarms. Door ajar alarm Certifications: CE			

6	1	<b>Laboratory Refrigerator</b>  Electrical Requirements: 230V, 50Hz Dimensions external (w x d x h): 1400mm x 800mm x 1980mm Temperature range: +1°C to +11°C Weight: 190kg Capacity: 1400L Shelf number: 6  large capacity double door glass doors, auto defrost, digital controller and display, door locks and casters and high and low audio and visual temperature alarm			
7	1	<b>Printer</b>  System Requirements PC: Windows 8.1, 8, 7: 1 GHz 32-bit (x86) or 64-bit (x64) processor, 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer  Compatible Operating Systems: Windows 8.1, 8, 7, Vista; Mac OS X Lion, OS X Mountain Lion, OS X Mavericks  Compatible Inks: HP 62 Black & Tri-colour OR HP 62XL Black & Tri-colour OR HP Instant Ink Dimensions: H161 x W454 x D410 mm Functions: Print, Scan, Copy Manufacturer Part Number (MPN): B9S59A			



Agronomy Lab					
1	2	3	4	5	6
Item No	Quantity	Specifications Required	Specifications Offered	Notes, remarks, ref to documentation	Evaluation Committee's notes
1	3	<b>Adjustable Laboratory Chairs -</b>  Adjustable Height: 570 - 850 mm Foot form: glides Seat height adjustment by gas-lift Anatomically designed seat and backrest Washable, easy to clean, robust and durable  Laboratory chair, made from artificial black leather, backrest adjustable in height and inclination, backrest pendular embedded. The glides are wear-proof plastic and have a large surface area and offer a high level of stability			
2	1	<b>Chemical Safety Cabinet</b>  Dimensions (w x d x h), exterior: 900mm x 615mm x 1955mm Dimensions (w x d x h), interior: 750mm x 520mm x 1645mm Depth with open doors: 1016mm Extraction air (NW): 75 Air exchange 10 times (m3/h): 6,8 Pressure drop inside the cabinet (Pa): <5  pull-out drawers, plastic laminated sheet steel RAL 7035. Triple hinged door, safety elements assembled outside the storage compartment for increased protection against corrosion, scratch- and impact-resistant surface, easy to clean. doors lockable with cylinder locking and locking state indicator (red/green). Furnace tested (type test) in accordance with EN 14470-1 <ul style="list-style-type: none"> <li>• Fire resistance 90 minutes</li> <li>• GS approval, CE conformity</li> <li>• EN 14727 conformity (laboratory furniture)</li> </ul>			

3	1	<p><b>Colorimeter</b></p> <p>Electrical Requirements: Voltage 230V, 50Hz Dimensions (l x w x d): 300 x 355 x 120mm Wavelength range: 400 to 710nm Wavelength selection: 8 in-built gelatin filters: 430, 470, 490, 520, 540, 580, 600 and 710nm Measurement ranges: 0-100%T, 0-1.50Abs, 0.1 to 1000 Concentration Light source: Tungsten filament lamp</p> <p>general purpose colorimeter, equipped with easy-to-use conventional style controls, making it ideal for routine and educational use. Sample flexibility with many size options. Mains or battery operated</p>			
4	1	<p><b>CPU, Mouse and Keyboard -</b></p> <p>Desktop PC, Intel Core i3, 8GB RAM, Silver - Intel Core i3 processor Storage: 1TB of hard drive space, 2 USB 2.0, 4 USB 3.0, audio in/out, HDMI 7-in-1 memory card reader, the 550-075na fast Ethernet and wi-fi 802.11b/g/n 2 year guarantee</p> <p>Electrical Requirements: Voltage: 100/240V, 50/60 Hz, Wattage: 2w Dimensions: Draft shield Height [Metric] Chamber: 20.9cm, Height [Metric]: 32cm, Width [Metric] Pan: 12cm, Width [Metric]: 21.6cm, Depth [Metric]: 36cm Weight [Metric]: 4.9kg, Capacity [Metric]: 210g Material: Material: Gold, Die-cast Aluminium, ABS Plastic Linearity: <math>\pm 2</math>mg, Readability: 1mg</p>			
5	2	<p><b>Digital Analytical Balance -</b></p> <p>Electrical Requirements: Voltage: 100/240V, 50/60 Hz, Wattage: 2w Dimensions: Draft shield Height [Metric] Chamber: 20.9cm, Height [Metric]: 32cm, Width [Metric] Pan: 12cm, Width [Metric]: 21.6cm, Depth [Metric]: 36cm Weight [Metric]: 4.9kg, Capacity [Metric]: 210g Material: Material: Gold, Die-cast Aluminium, ABS Plastic Linearity: <math>\pm 2</math>mg, Readability: 1mg</p>			

6	2	<b>Digital Top Loading Balance -</b>  Electrical Requirements: Voltage: 100/240V, 50/60 Hz, Wattage: 2w Dimensions: Width [Metric]: 21.6cm, Width [Metric] Pan: 18cm, Weight [Metric]: 4.7kg, Height [Metric]: 9.5cm, Depth [Metric]: 36cm Capacity [Metric]: 1100g Material: Gold, Die-cast Aluminium, ABS Plastic Linearity: ±20mg, Readability: 20mg  Warranty: 2 Years. Certifications: GLP, GMP			
7	1	<b>Domestic Blender -</b>  Capacity: 1.5L Power: 400W Dimensions: H17.5 x W22 x D18.5cm  Silver/Black - 2year guarantee			
8	1	<b>Domestic Food Processor -</b>  Working Capacity (dry): 2.1L Working Capacity(liquid): 1.75L Dimensions: 36.8 X 21 X 21 cm Power: 750W Speed: 2  3-in-1 compact set up with a large 2.1L bowl, a blender and grinder mill. 4 stainless steel discs. Processor PowerChop technology combination of blade shape, cutting angle and inner bowl that provides a superior chopping result for both soft and hard ingredients.  2 year guarantee			
9	1	<b>Eye Wash Station</b>  Eyewash Faucet-Mount			

10	1	<p><b>Laboratory Refrigerator With Freezer -</b></p> <p>Electrical Requirements: 230V, 50Hz, EU Plug  Exterior Dimensions [Metric] L x W x H: 61 x 54.5 x 167.5cm  Capacity Refrigerator: 159L  Capacity Freezer: 109L  Refrigerant: Hydrocarbon  Temperature Range (Refrigerator): 1° to 11°C Temperature Range (Freezer): -12° to -20°C  Weight: 95kg Includes: 3 shelves, 2 1/2 half baskets /1 shelf, 2 baskets frz</p> <p>Integrated controller with digital display and high and low-temperature alarms. Door ajar alarm. manual freezer/auto refrigerator defrost. Hydrocarbon refrigerants and HCFC/CFC free insulation</p> <p>Certifications: CE, ATEX</p>			
11	1	<p><b>Muffle Furnace</b></p> <p>Electrical Requirements: Voltage 230V, 50Hz  Height (internal): 130mm  Temperature, °C: 1100  Heating time: 35min  Capacity: 3.5L Power Consumption: 1.7kW</p> <p>Environmentally friendly and economical, with asbestos free insulation for minimal energy consumption and low exterior temperature. High temperature accuracy and optimised heating system layout ensure most efficient use of work space. Easy temperature controls and easy handling and loading via tilting door.</p>			

12	2	<p><b>pH Conductivity Meter</b></p> <p>Electrical Requirements: 9V AC <math>\pm 10\%</math> @ 50/60Hz Dimensions (l x w x d): 210 x 250 x 55mm  pH Range: <math>-2.000</math> to <math>+20.000</math>  Conductivity range: Auto-selected from <math>0.01\mu\text{S}</math> to <math>1.999\text{S}</math>  mV range: <math>\pm 1999.9\text{mV}</math>  Temperature range: <math>-10</math> to <math>105^\circ\text{C}</math></p> <p>Simultaneous display of pH and conductivity.  2 independent channels to prevent interference between probes.  Additional modes for resistivity, salinity, TDS and mV. Storage of up to 500 readings</p>			
13	3	<p><b>Sieve -</b></p> <p>Dimensions: 50 X 25mm (diameter x h)  Mesh size: 0,045 mm  Mesh size: 0,075 mm  Mesh size: 0,025 mm  Mesh size: 0,850 mm  Mesh size: 0,150 mm  Mesh size: 0,250 mm</p> <p>All sieves are supplied with serial number and a certificate of compliance with the order 2.1 according to DIN EN 10204</p>			
14	1	<p><b>Printer</b></p> <p>System Requirements PC: Windows 8.1, 8, 7: 1 GHz 32-bit (x86) or 64-bit (x64) processor, 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer</p> <p>Compatible Operating Systems: Windows 8.1, 8, 7, Vista; Mac OS X Lion, OS X Mountain Lion, OS X Mavericks</p> <p>Compatible Inks: HP 62 Black &amp; Tri-colour OR HP 62XL Black &amp; Tri-colour OR HP Instant Ink  Dimensions: H161 x W454 x D410 mm  Functions: Print, Scan, Copy  Manufacturer Part Number (MPN): B9S59A</p>			

## Histology Lab

1	2	3	4	5	6
Item No	Quantity	Specifications Required	Specifications Offered	Notes, remarks, ref to documentation	Evaluation Committee's notes
1	3	<p><b>Adjustable Laboratory Chairs -</b></p> <p>Adjustable Height: 570 - 850 mm  Foot form: glides  Seat height adjustment by gas-lift  Anatomically designed seat and backrest  Washable, easy to clean, robust and durable</p> <p>Laboratory chair, made from artificial black leather, backrest adjustable in height and inclination, backrest pendular embedded. The glides are wear-proof plastic and have a large surface area and offer a high level of stability</p>			
2	1	<p><b>Chemical Fume Hood</b></p> <p>Electrical Requirements: Voltage 230V, 50/60Hz  Type: B2    Lighting: UV Light    Sash Opening: 8in.  Power Consumption: 0.28kW  Exhaust system capable of drawing 665cfm for the 4' wide unit and 998cfm for the 6' wide unit against a negative static pressure of 1.5" w.g. when the exhaust HEPA filter is new, and 2" w.g. when loaded prior to replacement.</p> <p>Contaminated air from the external environment is "totally exhausted," eliminating the risk of sample or user exposure to harmful chemicals. Auto compensation allows the safe use of optional inflow air prefilters. Timed UV light option reduces risk of sample contamination and lowers bulb replacement costs. 10° sloped window for ergonomic posture reduces strain and fatigue associated with long working hours. Convenient display shows when the cabinet is operating safely and when it may require service.  Certifications: NSF/ANSI™ 49, ETL, CE</p>			

3	1	<b>Chemical Safety Cabinet</b>  Dimensions (w x d x h), exterior: 900mm x 615mm x 1955mm Dimensions (w x d x h), interior: 750mm x 520mm x 1645mm Depth with open doors: 1016mm Extraction air (NW): 75 Air exchange 10 times (m3/h): 6,8 Pressure drop inside the cabinet (Pa): <5  pull-out drawers, plastic laminated sheet steel RAL 7035. Triple hinged door, safety elements assembled outside the storage compartment for increased protection against corrosion, scratch- and impact-resistant surface, easy to clean. doors lockable with cylinder locking and locking state indicator (red/green). Furnace tested (type test) in accordance with EN 14470-1 • Fire resistance 90 minutes • GS approval, CE conformity • EN 14727 conformity (laboratory furniture)			
4	3	<b>Compound Microscope</b>  Electrical Requirements: 220-240V/50-60 Hz (Euro connector) 4x / 10x / 40x / 100x Planachromatic objectives Eyepieces: 10x/20mm wide-fieldI Interpupillary distance adjustment (Siedentopf type): 55 to 75 mm Converter: built-in low voltage (6V- electronic) with light intensity control Bulb: halogen 6V/30W/G4 Supplied with: blue and green filter, 1 spare bulb, 2 spare fuses, immersion oil 10 ml, soft rubber eyecups, dust cover and instruction manual  Inclined at 30°. Size 210x140mm with built-in mechanical stage and slide clip. Focusing knobs and Transversal and longitudinal adjustment by fingertip control			

5	1	<b>CPU, Mouse and Keyboard -</b>  Desktop PC, Intel Core i3, 8GB RAM, Silver - Intel Core i3 processor Storage: 1TB of hard drive space, 2 USB 2.0, 4 USB 3.0, audio in/out, HDMI 7-in-1 memory card reader, the 550-075na fast Ethernet and wi-fi 802.11b/g/n 2 year guarantee  Electrical Requirements: Voltage: 100/240V, 50/60 Hz, Wattage: 2w Dimensions: Draft shield Height [Metric] Chamber: 20.9cm, Height [Metric]: 32cm, Width [Metric] Pan: 12cm, Width [Metric]: 21.6cm, Depth [Metric]: 36cm Weight [Metric]: 4.9kg, Capacity [Metric]: 210g Material: Material: Gold, Die-cast Aluminium, ABS Plastic Linearity: ±2mg, Readability: 1mg			
6	1	<b>Embedding System</b>  Electrical Requirements: Voltage 220-240V, 50/60Hz Weight: 45kg Dimensions (w x d x h): 1,080mm x 600mm x 410mm			
7	1	<b>Eye Wash Station</b>  Eyewash Faucet-Mount			
8	1	<b>Laboratory Refrigerator</b>  Electrical Requirements: 230V, 50Hz Dimensions external (w x d x h): 1400mm x 800mm x 1980mm Temperature range: +1°C to +11°C Weight: 190kg Capacity: 1400L Shelf number: 6  large capacity double door glass doors, auto defrost, digital controller and display, door locks and casters and high and low audio and visual temperature alarm			



9	1	<b>Microtome</b>  Electrical Requirements: 100-240V 50/60Hz Dimensions: 350mm x 540mm x 290mm (w x d x h) Weight: 23kg 10µm/30µm via trim button, Section counter, Guide rail for the knife holder			
10	1	<b>Phase Contrast Microscope</b>  Electrical Requirements: 220-240V/50-60 Hz (Euro connector) Objectives: 4 planachromatic positive phase objectives - PC 10x / 0.25 / 160 / 0.17 PH+ spring loaded - PC 20x / 0.40 / 160 / 0.17 PH+ spring loaded - PC 40x / 0.65 / 160 / 0.17 PH+ spring loaded - PC 100x / 1.25 / 160 / 0.17 PH+ (oil) spring loaded Eyepieces: 10x/20mm wide-field Interpupillary distance adjustment (Siedentopf type): 55 to 75 mm Converter: built-in low voltage (6V- electronic) with light intensity control Bulb: halogen 6V/30W/G4 Supplied with: blue and green filter, 1 spare bulb, 2 spare fuses, immersion oil 10 ml, soft rubber eyecups, dust cover and instruction manual Condenser: - phase contrast turret type - NA 1.25 - 4 phase annular stops, centrable and 1 neutral brightfield position - iris diaphragm Supplied with (additional): centering telescope, green filter and manual  trinocular, including vertical photo/video port (Ø30mm). inclined at 30°. Size 210x140mm with built-in mechanical stage and slide clip. Focusing knobs and Transversal and longitudinal adjustment by fingertip control			
11	1	<b>Tissue Processor</b>  Electrical Requirements: 100-240V, 50/60Hz    Dimensions: 850mm x 730mm Weight: 65kg Battery back-up system in case of power failure. Cassette baskets spin counter clockwise and clockwise within reagent container to improve processing. Basket capacity of 120 cassettes  A compact, benchtop carousel tissue processor. It's designed to process biological specimens from chemical fixation to paraffin infiltration. The design uses programmable gentle centrifugal force to augment normal vertical agitation process associated with carousel processors.			

12	1	<p><b>Tissue Section Water Bath</b></p> <p>Electrical Requirement: Voltage 230V, 50/60 Hz, 240W  Dimensions (d x w x h): 330mm x 330mm x 140mm      Weight: 2.7kg  Heater Power: 240W  Capacity: 2.5L  Temperature: 30°C to 70°C  Temperature Stability: <math>\pm 0.5^{\circ}\text{C}</math></p> <p>PTFE black interior and powder-coated aluminium exterior, which makes it virtually maintenance-free, extremely easy to clean and allows for improved visibility of floating sections.</p>			
13	1	<p><b>Printer</b></p> <p>System Requirements PC: Windows 8.1, 8, 7: 1 GHz 32-bit (x86) or 64-bit (x64) processor, 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer</p> <p>Compatible Operating Systems: Windows 8.1, 8, 7, Vista; Mac OS X Lion, OS X Mountain Lion, OS X Mavericks</p> <p>Compatible Inks: HP 62 Black &amp; Tri-colour OR HP 62XL Black &amp; Tri-colour OR HP Instant Ink  Dimensions: H161 x W454 x D410 mm  Functions: Print, Scan, Copy  Manufacturer Part Number (MPN): B9S59A</p>			

Postmortem Room					
1	2	3	4	5	6
Item No	Quantity	Specifications Required	Specifications Offered	Notes, remarks, ref to documentation	Evaluation Committee's notes
1	1	<b>Autopsy Saw</b>  Electrical Requirements: Voltage 220/240V Includes: fixed arbor large section blade (10003), which removes with 0.125in"(0.3cm) Allen wrench. Saw attaches to HEPA Bone Dust Collector Saw Weight: 0.7 lb. (1.7kg) Shipping Weight: 4.9 lb. (2.2kg)  Cuts quickly and minimizes operator fatigue. Handle near the blade provides good control and balance. Motor oscillates at high speed to cut bone, not tissue. Power switch toggles on and off. 10" (304.8cm) cord with hospital-grade plug provides maximum flexibility			
2	1	<b>Eye Wash Station</b>  Eyewash Faucet-Mount			
3	1	<b>Laboratory Freezer -</b>  Electrical Requirements: 230V, 50Hz, EU Plug Exterior Dimensions [Metric] L x W x H: 64 x 59.5 x 156.5cm Capacity [Metric]: 232L Temperature [Metric] Range: -10° to -30°C Weight: 90kg Includes: 2 shelves, 3 baskets  freezers are ideal for storing potentially flammable material in general laboratory settings. Consists manual defrost, ATEX certified. Hydrocarbon refrigerant. Integrated controller with digital display and high and low-temperature alarms. Door ajar alarm Certifications: CE			

4	1	<p><b>Laboratory Refrigerator</b></p> <p>Electrical Requirements: 230V, 50Hz  Dimensions external (w x d x h): 1400mm x 800mm x 1980mm  Temprature range: +1°C to +11°C  Weight: 190kg  Capacity: 1400L  Shelf number: 6</p> <p>large capacity double door glass doors, auto defrost, digital controller and display, door locks and casters and high and low audio and visual temperature alarm</p>			
5	1	<p><b>Large Animal Veterinary Autopsy Table</b></p> <p>Electrical Requirements: Voltage 220/240V, 50/60Hz  Min. Table Height: 16 in.  Max. Table Height: 37 in.  Hydraulic Lift: Yes  Capacity (English) Centralized: 5000 lb</p> <p>stainless-steel, kidney-shaped table carries an offset load of 2000 lbs.  Electrically powered. Tabletop fabricated from two 11-gauge stainless-steel plates with large corner radii supported by S-beams. 52" (132.1cm) drain slot runs along back edge of table (the side opposite the "U"-shaped cut-out).</p> <p>Certifications/Compliance S-beams conform to ASTM™ A36 Standards</p>			

Parasitology Lab					
1	2	3	4	5	6
Item No	Quantity	Specifications Required	Specifications Offered	Notes, remarks, ref to documentation	Evaluation Committee's notes
1	2	<b>Adjustable Laboratory Chairs -</b>  Adjustable Height: 570 - 850 mm Foot form: glides Seat height adjustment by gas-lift Anatomically designed seat and backrest Washable, easy to clean, robust and durable  Laboratory chair, made from artificial black leather, backrest adjustable in height and inclination, backrest pendular embedded. The glides are wear-proof plastic and have a large surface area and offer a high level of stability			
2	1	<b>Benchtop Centrifuge</b>  Electrical Requirements: Voltage 230V, 50Hz, Wattage: 180w Dimensions[L x W x H] Exterior: 18.7 x 15 x 12.4 in. (47.5 x 38 x 31.5cm) Weight [Metric]: 30kg Capacity [Metric]: 12 x 15mL or 180mL Max. Relative Centrifugal Force: 2028 x G  Supplied with swing out rotor, 8 x 15mL for 7.0mL to 15mL tubes and all necessary adapters. Maintenance free brushless induction drive and speed up to 4000rpm Certifications: EN 61 010-1, EN 61 010-2-020, EN 50 081-1, EN 50 082-1, UVV VBG 7z test is not required.			

3	1	<p><b>Chemical Safety Cabinet</b></p> <p>Dimensions (w x d x h), exterior: 900mm x 615mm x 1955mm  Dimensions (w x d x h), interior: 750mm x 520mm x 1645mm  Depth with open doors: 1016mm  Extraction air (NW): 75  Air exchange 10 times (m3/h): 6,8  Pressure drop inside the cabinet (Pa): &lt;5</p> <p>pull-out drawers, plastic laminated sheet steel RAL 7035. Triple hinged door, safety elements assembled outside the storage compartment for increased protection against corrosion, scratch- and impact-resistant surface, easy to clean. doors lockable with cylinder locking and locking state indicator (red/green).  Furnace tested (type test) in accordance with EN 14470-1</p> <ul style="list-style-type: none"> <li>• Fire resistance 90 minutes</li> <li>• GS approval, CE conformity</li> <li>• EN 14727 conformity (laboratory furniture)</li> </ul>			
4	1	<p><b>Compound Microscope</b></p> <p>Electrical Requirements: 220-240V/50-60 Hz (Euro connector)  4x / 10x / 40x / 100x Planachromatic objectives Eyepieces: 10x/20mm wide-fieldI  Interpupillary distance adjustment (Siedentopf type): 55 to 75 mm  Converter: built-in low voltage (6V- electronic) with light intensity control  Bulb: halogen 6V/30W/G4  Supplied with: blue and green filter, 1 spare bulb, 2 spare fuses, immersion oil 10 ml, soft rubber eyecups, dust cover and instruction manual</p> <p>Inclined at 30°. Size 210x140mm with built-in mechanical stage and slide clip.  Focusing knobs and Transversal and longitudinal adjustment by fingertip control</p>			

5	1	<b>CPU, Mouse and Keyboard -</b>  Desktop PC, Intel Core i3, 8GB RAM, Silver - Intel Core i3 processor Storage: 1TB of hard drive space, 2 USB 2.0, 4 USB 3.0, audio in/out, HDMI 7-in-1 memory card reader, the 550-075na fast Ethernet and wi-fi 802.11b/g/n 2 year guarantee  Electrical Requirements: Voltage: 100/240V, 50/60 Hz, Wattage: 2w Dimensions: Draft shield Height [Metric] Chamber: 20.9cm, Height [Metric]: 32cm, Width [Metric] Pan: 12cm, Width [Metric]: 21.6cm, Depth [Metric]: 36cm Weight [Metric]: 4.9kg, Capacity [Metric]: 210g Material: Material: Gold, Die-cast Aluminium, ABS Plastic Linearity: ±2mg, Readability: 1mg			
6	1	<b>Digital Analytical Balance -</b>  Electrical Requirements: Voltage: 100/240V, 50/60 Hz, Wattage: 2w Dimensions: Draft shield Height [Metric] Chamber: 20.9cm, Height [Metric]: 32cm, Width [Metric] Pan: 12cm, Width [Metric]: 21.6cm, Depth [Metric]: 36cm      Weight [Metric]: 4.9kg,                                  Capacity [Metric]: 210g Material: Material: Gold, Die-cast Aluminium, ABS Plastic Linearity: ±2mg, Readability: 1mg			
7	1	<b>Digital Hot Plate/Stirrer -</b>  Electrical Requirements: Voltage 230V, 50/60Hz , 3.1W Dimensions: Width [Metric]: 10.79cm, plate size: 127mm x 178mm Temperature Range: 5°C to 550°C Speed: 60 to 1150rpm			

8	1	<b>Digital Top Loading Balance</b>  Electrical Requirements: Voltage: 100/240V, 50/60 Hz, Wattage: 2w Dimensions: Width [Metric]: 21.6cm, Width [Metric] Pan: 18cm, Weight [Metric]: 4.7kg, Height [Metric]: 9.5cm, Depth [Metric]: 36cm Capacity [Metric]: 1100g Material: Gold, Die-cast Aluminium, ABS Plastic Linearity: ±20mg, Readability: 20mg  Balance Quintix 1102-1S precision standard Warranty: 2 Years. Certifications: GLP, GMP			
9	1	<b>Eye Wash Station</b>  Eyewash Faucet-Mount			
10	1	<b>Laboratory Refrigerator With Freezer -</b>  Electrical Requirements: 230V, 50Hz, EU Plug Exterior Dimensions [Metric] L x W x H: 61 x 54.5 x 167.5cm Capacity Refrigerator: 159L Capacity Freezer: 109L Refrigerant: Hydrocarbon Temperature Range (Refrigerator): 1° to 11°C Temperature Range (Freezer): -12° to -20°C Weight: 95kg Includes: 3 shelves, 2 1/2 half baskets /1 shelf, 2 baskets frz  Integrated controller with digital display and high and low-temperature alarms. Door ajar alarm. manual freezer/auto refrigerator defrost. Hydrocarbon refrigerants and HCFC/CFC free insulation  Certifications: CE, ATEX			



11	1	<p><b>Phase Contrast Microscope</b></p> <p>Electrical Requirements: 220-240V/50-60 Hz (Euro connector)</p> <p>Objectives: 4 planachromatic positive phase objectives</p> <ul style="list-style-type: none"> <li>- PC 10x / 0.25 / 160 / 0.17 PH+ spring loaded</li> <li>- PC 20x / 0.40 / 160 / 0.17 PH+ spring loaded</li> <li>- PC 40x / 0.65 / 160 / 0.17 PH+ spring loaded</li> <li>- PC 100x / 1.25 / 160 / 0.17 PH+ (oil) spring loaded</li> </ul> <p>Eyepieces: 10x/20mm wide-field Interpupillary distance adjustment (Siedentopf type): 55 to 75 mm</p> <p>Converter: built-in low voltage (6V- electronic) with light intensity control</p> <p>Bulb: halogen 6V/30W/G4</p> <p>Supplied with: blue and green filter, 1 spare bulb, 2 spare fuses, immersion oil 10 ml, soft rubber eyecups, dust cover and instruction manual</p> <p>Condenser:</p> <ul style="list-style-type: none"> <li>- phase contrast turret type - NA 1.25</li> <li>- 4 phase annular stops, centrable and 1 neutral brightfield position</li> <li>- iris diaphragm</li> </ul> <p>Supplied with (additional): centering telescope, green filter and manual</p> <p>trinocular, including vertical photo/video port (Ø30mm). inclined at 30°. Size 210x140mm with built-in mechanical stage and slide clip. Focusing knobs and Transversal and longitudinal adjustment by fingertip control</p>			
12	1	<p><b>Printer</b></p> <p>System Requirements PC: Windows 8.1, 8, 7: 1 GHz 32-bit (x86) or 64-bit (x64) processor, 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer</p> <p>Compatible Operating Systems: Windows 8.1, 8, 7, Vista; Mac OS X Lion, OS X Mountain Lion, OS X Mavericks</p> <p>Compatible Inks: HP 62 Black &amp; Tri-colour OR HP 62XL Black &amp; Tri-colour OR HP Instant Ink</p> <p>Dimensions: H161 x W454 x D410 mm</p> <p>Functions: Print, Scan, Copy</p> <p>Manufacturer Part Number (MPN): B9S59A</p>			