

Tender Notice

University of Baltistan, Skardu (UOBS) intends to purchase various items under ALP-Project, “Biological Control of Mealy Bugs on Fruit Trees in Baltistan Region” (CS-479), on free delivery basis at Main Campus Hussainabad, Skardu as per details given as under:-

Sr.	Description	Quantity	Tender Cost	Remark (s)
1	Supply of Chemical, Glassware, Lab Equipment, IT Equipment, Furniturer and Fixture <u>(The tender will be awarded on lot wise)</u>	Annex-A	Pay Order, CDR or Bank Draft amounting to Rs. 1000/- (Non-Refundable) drawn in the favor of “Treasurer, University of Baltistan, Skardu”	Vendors who have experience in dealing the goods being procured can participate

The detailed specification of items along-with terms & conditions are mentioned in the tender document which can be downloaded from university’s website www.uobs.edu.pk or PPRA website.

The bidders must submit Pay order CDR or bank draft amounting to Rs. 1000 (Non-refundable) drawn in the favour of Treasurer, University of Baltistan Skardu as tender document fee.

The tender documents can be submitted with 5% of the bid value as earnest money including taxes in shape of pay order/demand draft in favor of Treasurer, University of Baltistan Skardu latest by 11:00am on **13-02-2024**. The tenders will be opened in the office of Treasurer, UoBS at 11:30am on the same day in the presence of the bidders or their representatives.

UOBS reserves the right to reject all or any bid in accordance with PPRA Rule. This tender advertisement can also be browsed at PPRA/UOBS websites i.e. www.ppra.org.pk & www.uobs.edu.pk.

Additional Treasurer
Phone No: 05815-960069
Cell # 0300-8582208

Bidder’s Signature & Stamp



Tender Document: Supply of Chemicals, Glassware, Lab Equipment, IT Equipment, and Furniture and Fixture

Tender: UOBS-ALP-20224

ALP Project: Biological Control of Mealy Bugs on Fruit Trees in Baltistan Region

Address: Main Campus, Kargil Road, Hussainabad Skardu.

Tel: +92 5815 960069



ALP Project:
**Biological Control of Mealy Bugs
on Fruit Trees in Baltistan Region**



BID DATA SHEET (INFORMATION FOR THE BIDDERS)

1	Procuring Agency	University of Baltistan, Skardu
2	Tender No.	UOBS-ALP-20224
3	Name of Tender	Supply of Goods
4	Cost of Tender	Rs. 1000
5	Description of Lots	Lot No.A= Chemicals, Glassware and Lab Equipment Lot No.B=IT Equipment Lot No.C= Furniture & Fixture
6	Bid Security in shape of CDR in favor of Treasurer, UOBS	5 % of the quoted price
7	Performance Guarantee	5 % of Contract value by the successful bidder
8	Tender Addressed to	Treasurer, UOBS
9	Contact No.	05815-960069 Cell # 0300-8582208
10	Due Date, Time and Place of Submission of Tender Documents	13 February, 2024 till 11:00 AM
11	Date, Time and Place of Bid Opening	13 February, 2024 at 11:30 AM
12	Bidding Documents available at:	www.uobs.edu.pk & ppra.org.pk

Bidder's Signature & Stamp



ALP Project: Biological Control of Mealy Bugs on Fruit Trees in Baltistan Region



TENDER ELIGIBILITY/MANDATORY PARAMETERS

Eligible Bidder/Tenderer is one who:

- i. Has valid registration certificate for Income Tax and Sales Tax and active NTN Number/active taxpayer by FBR (where applicable).
- ii. Has attached the bid security @ 5% with Bid.
- iii. Has provided an Affidavit on original stamp paper of Rs. 10/- regarding acceptance of the terms and conditions of tender notice and document and stating that the firm has not been blacklisted by any Government Department/Organization.

EVALUATION OF THE BIDS

- i. **Bids shall be evaluated on Lot wise** on the basis of specifications mentioned in the requirement/specification schedule as per PPRA Rules and the terms and conditions mentioned in the Tender Eligibility/Mandatory Parameters.
- ii. The rates should be valid up to 30.04.2024.
- iii. The rates should be inclusive of all applicable taxes and freight charges.
- iv. There shall be no any hidden charges whatsoever.

EVALUATION CRITERIA

The proposals will be evaluated as per the following criteria: -

- i. **Bid Submission Requirements:** Bid must be submitted correctly, with all required documents and formats, within the set deadline.
- ii. **Responsiveness to Specifications:** Bid should meet all technical specifications outlined in the bidding documents, without any major deviations.
- iii. **Blacklisting:** Vendor should not be blacklisted by any government agency.
- iv. **Technical Expertise:** Vendor's experience and qualifications in dealing the goods being procured (the bidders must have relevant business in dealing the goods being procured).

Bidder's Signature & Stamp

- v. **Past Performance:** Vendor's track record of successful project completion with other clients (bidders with no experience shall not be considered).
- vi. **Local presence:** Vendor should have a duly established and operational shop or outlet within the Skardu city limits.

TERMS & CONDITIONS

- i. The required items are grouped in different lots is displayed in the 'List of Items—Annex A'.
- ii. The bids must be given lot wise inclusive of all taxes/duties/charges/packaging/freight charges on stipulated bid forms.
- iii. **A bidder can only submit bid for one lot.**
- iv. The qualified bidder/bidders shall provide the items to UOBS after the issuance of Purchase Order/signing of contract. Demand for items will be conveyed at least two week before the actual supply.
- v. The stamp paper for the contract shall be provided by the successful bidder.
- vi. The quality test of items shall be as per the requirement of procuring agency.
- vii. **In case the quality is found unsatisfactory and not as per the specifications settled between the successful bidder and UOBS the bidder shall pay the penalty @ 5% per item along with replacement of item.**
- viii. The procuring agency reserves the rights to cancel the contract at any time and re-tender any lot or all the lots in case of poor quality of items and inefficient services.
- ix. Tender process would be through "Single Stage-one Envelope Procedure" as per Public Procurement Rules, 2004.
- x. In case more than one company quote equivalent rates, tender will be awarded on past performance basis.
- xi. The specified quantity may vary lot wise as per demand.
- xii. The local bidders/firms shall be encouraged to participate.

FORCE MAJEURE

- i. Notwithstanding the provisions in previous sections, the Supplier shall not be liable for forfeiture of its Performance Guaranty, or termination/ blacklisting for default if and to the extent that it's delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure. For the purposes of this clause Force Majeure means an act of God or an event beyond the control of the Supplier and not involving the Supplier's fault or negligence directly or indirectly purporting to misplanning, mismanagement and/or lack of foresight to handle the situation. Such events may include but are not restricted to acts of the Purchaser in its sovereign capacity, wars or revolutions, fires.
- ii. If a Force Majeure situation arises, the Supplier shall promptly notify the Procuring Agency in writing with sufficient and valid evidence of such condition and the

Bidder's Signature & Stamp

cause thereof. The Procuring Agency shall examine the merits of the case and all reasonable alternative means for completion of the purchase order under the signed contract and inform the Supplier of its findings promptly.

- iii. Unless Purchaser informs the Supplier in writing of its agreement on the application of force majeure, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical and shall seek reasonable alternative means for performance not prevented by the Force Majeure event.

GRIEVANCES AND DISPUTE RESOLUTION

- i. The Procuring Agency and the Supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract.
- ii. If, after fifteen (15) days from the commencement of such informal negotiations, the Procuring Agency and the Supplier have been unable to resolve amicably a Contract dispute, either party may require that the dispute be referred to the Grievances Committee, constituted by the University, for resolution.

PAYMENT SCHEDULE

- i. Payment to the Suppliers will be made against satisfactory performance and upon submission of required documents.

INSTRUCTIONS TO BIDDERS

- i. Bidders should quote competitive rates according to the specifications of items given in requirement schedule.
- ii. The Purchase Committee (the Committee) may reject any proposal which does not conform to the specified requirements given in specifications/requirement schedule.
- iii. The Committee may ask bidder for explanation of any item/information given in bidder's proposals.
- iv. The bids shall be opened publicly at a time, date and venue announced and communicated to the bidders, in advance.
- v. The bidders may be asked to provide the samples to check the quality.
- vi. **The bidders shall submit complete details of their firm/offices, along-with postal address, Phones/Fax numbers, company profile, and list of key personnel**
- vii. **All pages to the tender must also be properly signed. Offer with any overwriting/cutting shall not be accepted under any circumstances.**
- viii. All prices must be in Pak Rupees.
- ix. In the case of items requiring warranty/guarantee as per specifications, 5% will be deducted from the payment due and held as security by the department until the warranty/guarantee period expires
- x. The bidders are expected to examine the bidding documents / tender notice, including all instructions, terms & conditions, specifications etc. Failure to furnish

Bidder's Signature & Stamp

- all information / documents / tender notice in any aspect would result in the rejection of the bid.
- xi. The Committee reserves the right to reject all the proposals submitted in response to this tender notice prior to acceptance.
 - xii. This Tender Notice & Bidding Documents are available on website of UOBS www.uobs.edu.pk and on PPRA website <http://ppra.org.pk>.

TREASURER,
University of Baltistan, Skardu.



ALP Project: Biological Control of Mealy Bugs on Fruit Trees in Baltistan Region



Annex-A LIST OF ITEMS

S. NO	ITEMS DESCRIPTIONS AND SPECIFICATIONS	QUANTITY	UNIT PRICE	TOTAL PRICE
LOT-A-CHEMICALS AND OTHER ITEMS (CONSUMABLE)				
1	<u>Ethanol 70 %(1000ml)</u> Purity %: 80% Usage/Application: Disinfectant, Laboratory solvent Grade Standard: Lab Reagent LR Grade CAS No: 64-17-5 Synonyms: ethyl alcohol, 64-17-5 Chemical Formula: CH ₃ CH ₂ OH Physical State: Liquid Color: transparent Odor: pleasant Shelf life: 12month	5		
2	<u>Sulfuric Acid (1Litre)</u> Purity/Concentration: 98% Packaging Size: 1 Liter Bottle Form: Liquid Shelf Life: 3 Year Chemical Formula: H ₂ SO ₄ Molecular Weight: 98.08 g/mol	1		
3	<u>Nutrient Agar (100gm)</u> Packaging Size: 100 gm Composition: Peptone, Sodium chloride, HM peptone B, Yeast extract, Agar Form: Powder Shelf Life: 6 Month pH: 7.4 +/- 0.2 At 25 DegC Packing Type: Bottle	10 Bottle		
4	<u>Potato Dextrose Agar (500gm)</u> Appearance (Color): Light cream Appearance (Form): Free, flowing homogeneous powder	6 kg		

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	<p>Solubility: 39.00 gm/lit</p> <p>Solubility before autoclaving (Clarity): Very slightly opalescent</p> <p>Gel strength: Firm, comparable with 1.5% agar gel</p> <p>pH (25°C): 5.6 ± 0.2</p> <p>Prepared Medium Appearance after autoclaving (Color): Light amber</p> <p>Prepared Medium Appearance after autoclaving (Clarity): Very slightly opalescent</p> <p>Cultural Response: Inoculate and incubate at 30 ± 2 °C for 18-48 hours or upto 7 days with the following organisms:</p> <ol style="list-style-type: none"> 1. Candida albicans ATCC 10231 <ul style="list-style-type: none"> o Inoculum (cfu) 10-100 o Growth : Good 2. Saccharomyces cerevisiae ATCC 9763 <ul style="list-style-type: none"> o Inoculum (cfu) 10-100 o Growth : Good 3. Aspergillus niger ATCC 16404 <ul style="list-style-type: none"> o Inoculum (cfu) 10-100 o Growth : Good 			
5	<p><u>Wheat Germ</u></p> <p>Features:</p> <ul style="list-style-type: none"> - Raw, Toasted & Double toasted - High protein qith all amino acids, minerals and Vitamins - Customized packing - High Protein 	05 kg		
6	<p><u>Dried brewer's yeast</u></p> <p>Amazing Nutrition Brewers Yeast 7.5 Grain Capsule 500mg 240 Tablets</p>	03 packs		
7	<p><u>Ascorbic Acid</u></p> <p>Packaging Size: 5 kg</p> <p>Form: Powder</p>	1		
8	<p><u>Citric Acid (500mg)</u></p> <p>Packaging Size: 500 gm</p> <p>Packaging Type: Packet</p> <p>Form: Powder</p> <p>Brand: Golden Crown or equivalent</p>	05 packs		
9	<p><u>Methyle Paraben</u></p> <p>Purity % : 98 - 102</p> <p>Shelf Life : 5 years</p>	03 kg		

	Ph level : 3 - 8		
	Medicinal name : Methyl 4-hydroxybenzoate		
10	<u>Penicillin-Streptomycin (10,000 U/mL)</u>	03 packs	
	Storage conditions: -5°C to -20°C		
	Shipping conditions: Dry ice		
	Shelf life: 12 months from the date of manufacture		
	Form: Liquid		
	Sterility: Sterile-filtered		
	Quantity: 100 mL		
11	<u>Sorbic Acid</u>	05kg	
	Form: Powder		
	Packaging Size: 1 Kg		
	Purity: 99%		
	Packaging Type: Packet		
	GLASS WARE		
1	<u>Insect aspirators</u>	3	
	Intake and exhaust tubes are aluminum, and the mouthpiece is 1/4" (6mm) latex tubing. The exhaust tube is protected with fine 220 mesh nylon to limit inhalation of foreign matter. Tubing is roughly 2ft in length		
	Two 9-dram clear styrene tubes with snap-on caps, 1 x 2-3/4" I.D. (25.2 x 68mm), are supplied as containers		
2	<u>Snap Cap Vials (Plastic)</u>	10 pack (25pieces)	
	9-dram vial		
3	<u>Telescopic 12 inch Insect Net</u>	3	
	The net handle expands to 59 inches and collapses to 15 inches.		
4	<u>Cal Academy Unit Trays</u>	01 unit	
	J: 3-7/16x6-1/16		
	Foam plastzote		
	One drawer with 05 trays		
5	<u>Swiss Forceps</u>	05of each	
	Forceps #4 Swiss pattern, straight, fine honed, matching points, high-quality stainless steel, 4-3/8" (115mm)		
	Forceps #5 Swiss pattern, super fine honed, matching points, high-quality stainless steel, 4-3/8" (120mm)		

6	<p><u>Insect rearing cages</u> Bio-Agent Cage Acrylic Mage of transparent acrylic sheet. Front & Both sides with 15cm round opening in the centre with white thick muslin cloth sleeves. Front opening with tight fitting support on transparent acrylic batons. Size : 30x30x30cm. Item Code: RI-75-06 Bio-Agent Cage Acrylic Mage of transparent acrylic sheet. Front & Both sides with 15cm round opening in the centre with white thick muslin cloth sleeves. Front opening with tight fitting support on transparent acrylic batons. Size : 60x60x60cm.</p>	5		
7	<p><u>Insect Collecting Net With Handle</u> Product Details: Length of handle : 75 cm Dia. of bag at free end : 25 cm. Ring dia. : 30 cm Insect Collecting Net With Aluminum pipe handle with fine rubber grip at end, length of handle 75 cm. 75 cm long net fitted in ring through 5 cm wide cloth rim. Dia of bag at free end 25 cm. Item Code: ELE509</p>	2		
8	<p><u>Insect Killing Jar</u> Product Details: Color : Transparent Material : Glass Shape : Jar Shape : 500ml</p>	50		
9	<p><u>Entomology Pin</u> Product Details: Pack : 100 Pins Approx. Size : 3, 5 etc. Pin material : Stainless steel</p>	Size 3=1pack Size 5=1pack		
10	<p><u>Petri Dish pyrex</u> 80 ml 100 ml 200 ml</p>	5 packs 5 packs 5 packs		

LAB EQUIPMENT				
1	<u>Research Stereomicroscope System SZX10 or Equivalent</u> (Specification Attached as Annex-B)	1		
2	<u>Deep Freezer</u> Model: Dawlance DW-200 or Equivalent Features:: Cooling Technology: Direct Cool Design & Outlook:: Product Color: White Product Type: Chest freezer Product Color: Glass – Champagne Freezer Position: Convertible Single Door Freezer Control System: Mechanic Touch Display: Yes Interior:: Freezer Light: Yes Door LED Light-Freezer: Standard Bulb (LED) Energy Information:: Climate Class: T Energy Class: A Voltage (V): 230 Frequency (Hz): 50-60 Dimensions & Weight:: Width (cm): 66 Width (in): 25.984251 Depth (cm): 73 Depth (in): 28.740158 Height (cm): 85.3 Height (in): 33.582676 Weight (Kg): 35	1		
3	<u>Digital Balance</u> Capacities : 1200g – 0.01g Single Large LCD with backlight (11.5 x 3.5 cm display – 6 digits. 10 units to be selected (g,ct,oz,gsm,tar,t,kg,tmr) Keys: ON/OFF, CAL,PRINT,MODE,ZERO Folding plexiglass windshield Pan size (dia. 85mm & 130mm) Power source : AC/DC Adoptor (Battery optional)	1		
4	<u>Pocket weather tracker</u> Kestrel 3500 Pocket Weather Meter With Barometric Pressure OR Equivalent Accuracy: +-3% Color: Yellow Dimension: 4.8 x 1.9 x 1.1 in / 12.2 x 4.8 x 2.8 cm	1		

	<p>Measuring Range: 0.5-40m/s</p> <p>Model No: KESTREL 3500 or equivalent</p> <p>Pressure: 700~1100hPa</p>			
5	<p><u>Magnetic Stirrer with Hot Plate</u></p> <p>Temperature Range: Room Temperature to 280°C (Optional 380°C)</p> <ul style="list-style-type: none"> • Temperature Accuracy: ± 1°C • Variable Magnetic Stirring Speed: 50 - 2000 RPM • Magnetic Stirring Control: Dual Direction CW/CCW • Maximum Recommended Stirring Capacity: 2 Litre, • Stirring Only Function Available • Temperature Control and Display: Two K-Type Sensors for Top Plate and Solution • Ceramic Powder Coating of All Body Parts • Color Top Plate: Black with Mat Finish • Color Body: Bright Grey • Size of Top Plate: 205mm x 205mm (8 Inch x 8 Inch) • Overall Length: 400mm (16 Inch) • Overall Width: 280mm (11 Inch) • Overall Height: 200mm (8.2 Inch) • Length of Stainless Steel Stand Rod: 400mm (16 Inch), Adjustable • Diameter of Stainless Steel Rod: 8mm • Length of Stainless Steel Holder Arm: 180mm, Adjustable • Heavy Duty Structure: Top Cover (16 Gauge), Base (18 Gauge) • Overall Weight: 7 KG, Gross Weight: 10 KG 	1		
6	<p><u>Humidifier with accessories</u></p> <p>Beurer GmbH Germany</p> <p>Product designation: Air humidifier</p> <p>Automatic switch-off: yes</p> <p>Aroma container: yes</p> <p>Humidification output in ml/hour.:300</p> <p>Output in watts: ca. 25</p> <p>Max. room size in m²: 30</p> <p>Settings: Continuously adjustable</p> <p>Tank size approx.: 4 l</p> <p>Ultrasound humidification technology: yes</p> <p>Water level gauge: Visible water level with color-coded display</p>	2		

7	<p><u>Microwave oven for lab</u></p> <p>Design & Outlook</p> <p>Product Color</p> <p>Red</p> <p>Installation Type</p> <p>Free Standing</p> <p>Dimensions & Capacity</p> <p>Capacity (lt): 30</p> <p>Weight (Kg)</p> <p>13.95 kg</p> <p>Energy Information</p> <p>Voltage (V)</p> <p>220-240</p> <p>Frequency (Hz)</p> <p>50-60</p>	1		
8	<p><u>Refrigerator</u></p> <p>Haier 16 Cu Ft/Digital Inverter/HRF-438IDRA (Digital Control Panel+Turbo Fan+4 Temperature Sensors+ABT Technology+Inverter Compressor+Glass Door) Red Color Refrigerator/10 Years Warranty</p>	1		
9	<p><u>Digital thermometer and hygrometer</u></p> <p>HTC-2 3 In 1 Indoor Digital Thermometer And Hygrometer:</p> <p>Temperature range: -50°C~+70°C (-58°F~+158°F)</p> <p>Temperature accuracy: ±°C (1.8°F)</p> <p>Temperature resolution: 0.1°C (0.2°F)</p> <p>Humidity range: 10%~99% RH</p> <p>Humidity accuracy: ±5% RH</p> <p>Humidity resolution: 1% RH</p> <p>Power source: 1*AAA (1.5V) battery</p> <p>Material: ABS</p> <p>Color: White+Balck</p> <p>Dimensions: 105x97x23mm, (4 3/16" H x 3 7/8 " W x 7/8" Thick)</p> <p>Weight: 150g</p>	5		
10	<p><u>Blender (Big)</u></p> <p>Speed Options 4Pulse Rotation Power Watt 400WJar Capacity L 1.5LSafety Lock Overheat Protection Type super blender with powerful motor Unbreakable jar mills With mincing grinding cup AC 220-240V 50/60Hz</p>	2		
11	<p><u>Acclimatized (climatic) Insect growth chamber</u></p>	1		

	<p>Humidity Sensor: Capacities</p> <p>Interior Dimensions: 23" W x 25.8" D x 29.8' H (548mm x 655mm x 757mm)</p> <p>Interior Construction: Type 304, 2B Finish, Solid Stainless Steel</p> <p>Exterior Construction: Cold Rolled Steel, Powder Coated</p>			
12	<p><u>Water Electric Cooler</u></p> <p>Cabinet: Made of stainless steel sheets. Drain pot made of hard plastic or GI sheet.</p> <p>Back panel easily removable for cleaning and servicing. top cover of Plastic(except model 100P)Stainless steel.</p> <p>Refrigeration System: Fitted with world-renowned, high-starting torque, High-temperature compressors(Panasonic compressor). Condenser and fan are slightly oversized to ensure efficient working in high temperatures. Copper cooling coil metal bonded to outside of water tank. The whole system hermetically sealed with R-134 as a refrigerant.</p> <p>Water System : All copper, brass, stainless steel water system. Water tank made of stainless steel.</p> <p>Insulation : Moisture proof and highly effective polystyrene insulation.</p> <p>Thermostat : High-quality water temperature control thermostat, adjustable from 9C to 15c (48f to 60f)</p> <p>Voltage Rating : Twin pilot lights to indicate power supply and compressor operation.</p> <p>Water Filtration : A 3-stage Water purifying system also available as an option.</p>	1		
13	<p><u>Electric Kettle</u></p> <p>Dawlance Kettle DWEK-7210 OR Equivalent</p> <ul style="list-style-type: none"> · Large capacity with 2200W power · Water gauge on both sides · Automatic lid opening · Strix control · Switch with indicate light 	1		
14	<p><u>Meta-acrylic cages (40cm×40cm×40cm)</u></p> <ul style="list-style-type: none"> · High quality HDPE plastics · Nylon/polysterine specially weaved nets · Easy assembly · Unending support for parts · Suitable to study insect biology · High visibility to conduct entomological research 	10		

15	<ul style="list-style-type: none"> · Dimensions: W40 x D40 x H40 cm · Net Weight: 240 grams · Main Material: Netting Polyester · Mesh Size: 96 x 26 680 ?m Aperture <p><u>Museum Specimen Display Showcase</u></p> <p>For display of specimens in museum, laboratories, exhibition etc. Teakwood frame with MDF sheet bottom & hinged top of glass in wooden frame. Inside bottom secured with white laminated Sheet. Partitions dividing showcase into six parts of equal size. MDF strip over each partition for label. Fitted with clips and index card holder. Outside spirit polish finish and inside white painted. Back support for slanting display. Size 60x40x6cm.</p>	02		
Total Price Lot A				
LOT-B-IT EQUIPMENT				
1	<p><u>Laptop</u></p> <p>Brand : HP VICTUS 15 FA1093dx or Equivalent</p> <p>Processor Type : 13th Gen Core i5 13420H Raptor Lake Processor (12 MB Intel Smart Cache)</p> <p>Processor Speed : 2.1 Ghz Boost up to 4.6 Ghz (Total Cores 8, # of Performance-cores 4, # of Efficient 4, Total Threads 12)</p> <p>Installed RAM : 08 GB or above</p> <p>Type of memory : 8 GB DDR4-3200 MHz RAM (1 x 8 GB)</p> <p>Hard drive size : 512 GB PCIe® Gen4 NVMe™ TLC M.2 SSD</p> <p>Dedicated graphics : Yes</p> <p>Graphics memory : NVIDIA® GeForce RTX 3060 Laptop GPU (6 GB GDDR6 dedicated)</p> <p>Type of graphics memory : Discrete</p> <p>Graphics processor : Intel® integrated SoC</p> <p>Backlight : LED</p> <p>Screen size : 39.6 cm (15.6") diagonal, FHD (1920 x 1080), 144 Hz, 9 ms response time, IPS, micro-edge, anti-glare, 250 nits, 45% NTSC</p> <p>Screen surface : 39.6 cm (15.6") diagonal, FHD (1920 x 1080), 144 Hz, 9 ms response time, IPS, micro-edge, anti-glare, 250 nits, 45% NTSC</p> <p>Screen resolution : 1920x1080</p>	1		

	<p>Color : Black or grey</p> <p>Backlit keyboard : Full-size, backlit, performance blue keyboard</p> <p>Bluetooth : Bluetooth® 5.3 wireless card (supporting gigabit data rate)</p> <p>LAN : Integrated 10/100/1000 GbE LAN</p> <p>Speed : 1 RJ-45</p> <p>Condition : New</p> <p>Camera : HP Wide Vision 720p HD camera with temporal noise reduction and integrated dual array digital microphones</p> <p>Operating system (Primary) : Genuine Windows 11 Home</p> <p>Warranty : International/Local</p> <p>Accessories : Bag</p>			
2	<p><u>Color laser printer</u></p> <p>HP Color Laser 150a Printer 4ZB94A or Equivalent</p> <p>Brand: HP</p> <p>Processor speed 400 MHz</p> <p>Print quality color (best) 600 x 600 dpi 4 bits</p> <p>Print speed black: Normal: Up to 18 ppm</p>	1		
3	<p><u>Stabilizer</u></p> <p>UNIVERSAL A-50(ENERGY SAVER) 5000 WATTS</p> <ul style="list-style-type: none"> · Categories: Regular, Stabilizer for A.C · Tags: electronics, fridge stabilizer, fridge, home appliances, refrigerator, stabilizer, universal stabilizer · Model: A-50 (ENERGY SAVER) · Input Voltage: 150 Volts · LOAD / CAPACITY: 7500 WATTS · Used For: 1.5 TON AC · PHASE: SINGLE 	1		
4	<p><u>Projector with screen</u></p> <p>Panasonic PT-LB356 A 3300 Lumens Portable LCD Projector or Equivalent</p> <ul style="list-style-type: none"> · - Power Consumption: 300 W · - Contrast: 20,000:1 · - Resolution: 1024 x 768 pixels · - Remote control 	1		
5	<p><u>Digital Camera DSLR</u></p> <p>Canon Power Shot SX420 IS Digital Camera – Black or Equivalent</p> <p>Model: 1068C001 or Equivalent</p>	1		

6	<ul style="list-style-type: none"> · Powerful 42x Optical Zoom with Optical Image Stabilizer for outstanding optical performance · Built-in Wi-Fi and NFC allows for easy sharing and transferring of images and videos · 20.0 Megapixel sensor with DIGIC 4+ Image Processor helps deliver stunning image quality. · 3.0-inch LCD with a wide viewing angle allows clear display as well as easy operation and sharing <p><u>Scanner</u> SCANNER HP SJ Pro 2500 f1 FLATBED or Equivalent</p> <ul style="list-style-type: none"> - 1500 Pages - 20ppm/40ipm at 300dpi - USB - 24-bit 	1		
Total Price Lot B				
LOT-C FURNITURE AND FIXTURES				
1	<p><u>Laboratory Stool</u> Boss B-521-Hc Easy Revolving Stool With Hydraulic Jeck Style or Equivalent</p>	6		
2	<p><u>Office tea table</u></p>	1		
3	<p><u>Steel office file cabinet</u> Exterior Dimension Height: 52 3/4" Exterior Dimension Width: 17 11/16" Exterior Dimension Depth: 31 9/16" Exterior Dimension Metric Height: 1340 mm Exterior Dimension Metric Width: 449 mm Exterior Dimension Metric Depth: 802 mm Interior Dimension Height: 10 3/8" Interior Dimension Width: 12 3/16" Interior Dimension Depth: 26" Interior Dimension Metric Height: 264 mm Interior Dimension Metric Width: 310 mm Interior Dimension Metric Depth: 660 mm Weight: 603 lbs Weight Metric: 274 kg</p>	1		
4	<p><u>Office table</u> Urban Office Table Size: 72" x 36" x 30" Side Rack: 36" x 18" x 26" Size: 60" x 36" x 30" Side Rack: 36" x 18" x 30"</p>	1		

	Size: 48" x 30" x 30" Side Rack: 36" x 18" x 30"			
5	<u>Sprinter S-529-L Low Back Revolving Chair</u> Sprinter S-529-L Low Back Revolving Chair From SAAB Luxury leather. Lumbar Support. Height adjustable. Suitable for a long time sitting. Support for natural posture.	1		
6	<u>Steel Cupboard</u> Metal Storage Cabinets with Locking Doors and Adjustable Shelves, Steel Storage Cabinet for Garage, Office, Classroom - Black Size : 70.86" H x 31.5" W x 15.75" D · 70.86" H x 31.5" W x 15.75" D · 87" H x 31.5" W x 15.75" D	2		
Total Price Lot C				

Annex-B Specifications of Research Stereomicroscope System SZX10

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SZX16
SZX10
SZX7
SZ61/SZ51

Research Stereomicroscope System SZX10 Specifications		
Optical System	Galilean Optical System	
Total Magnification	3.15x-378x ¹	
Zoom Body	Zoom Ratio	10 (0.63x-6.3x)
	AS	Built-in
Observation Tube	Binocular/Trinocular/Tilting Trinocular Observation Tube	
Extendable Eyepoint Adjuster	SZX2-EEPA	

EVIDENT **OLYMPUS**
PK | EN
Industrial Solutions

What is EVIDENT?

Objective Lens	0.5x	Plan Achromat	0.05	171	3.2x-31.5x	Ø69.8-Ø7
	0.75x	Plan Achromat	0.075	116	4.7x-47.3x	Ø46.6-Ø4.7
	1x	Plan Apochromat	0.1	81	6.3x-63x	Ø34.9-Ø3.5
		Achromat	0.1	90	6.3x-63x	Ø34.9-Ø3.5
	1.25x	Plan Apochromat	0.125	60	7.9x-78.9x	Ø27.9-Ø2.8
		Achromat	0.125	68	7.9x-78.9x	Ø27.9-Ø2.8
	1.5x	Plan Achromat	0.15	45.5	9.5x-94.5x	Ø23.3-Ø2.3
	2x	Plan Achromat	0.2	33.5	12.6x-126x	Ø17.5-Ø1.7
Dimensions (W x D x H)		285 mm x 335 mm x 400 mm				
Weight		7 kg (in Standard Configuration)				
Remark		*1 total magnification range possible by combining an objective lens and eyepiece *2 in the case of using eyepiece 10x *3 SZX2-LTTR: intermediate magnification is 1.25X, SZX2-ILLC10: intermediate magnification is 1.5X				