

**COMSATS University Islamabad, Lahore Campus****Purchase Section**

Date: May 17, 2021

Case # 3343

**BoQs of Laser & Accessories for Dr. Muhammad Junaid Amjad, Department of Physics, CUI-Lahore**

Vendors are required to provide both unit and total price of each item and calculations must be made carefully to avoid mistakes. However, in case, total price does not match with the unit price and quantity due to calculation error or typo error, any of the following can be opted:

1. The bid may be rejected on the reason of ambiguity (OR)
2. Unit price will be considered as final and total price of the respective item will be calculated by multiplying it with the quantity required. Sub-totals and grand total will also be corrected accordingly

No change in the BoQs (Specs & Qty.) of CUI-Lahore Campus as detailed below, is allowed. Any additional information may be mentioned in the blank columns (i.e. model / brand or Price). Any modification in CUI-Lahore Campus BoQ may lead to rejection of bid (fully or partially).

**Rates to be quoted inclusive of all (applicable) taxes**

Sr. #	Item Name & Specification	Qty.	Quoted Model / Brand	Unit Price (Rs.)	Total Amount (Rs.)
1	<p><b><u>Cube Beam Splitter:</u></b> 400-700nm (R:T-50:50), Dimensions: 25.4x25.4x25.4 mm, Material N-BK7, Surface quality 60/40.</p> <p><b><u>Plate Beam Splitter:</u></b> 400-700 nm (R:T-30:70), Dimension: 51.0x76.0x3.0 mm, Surface quality: 80-50.</p>	01 set			
2	<p><b><u>Microscope Objective:</u></b> 60X/0.70 ∞/1.1 Infinity-corrected Long working distance Plane Achromatic Microscope Objective Lens, Working Distance=2.55 mm, Dry Objective, Visible Range, Screw thread= RMS standard (5/5in. x 1/36 in.),</p>	01 Set			
3	<p><b><u>Laser Mirrors:</u></b> Laser Mirrors: 25.4mm dia. Circular Front Metal (Silver) coated reflecting mirror with protective layer, 350nm-1100nm, Surface quality= 40/20, Surface Flatness= λ/10, Dielectric protective coating, Thickness =between 4-6mm,</p>	10 Pcs.			
4	<p>Optical Post Holder Ø1/2", Spring-Loaded Hex-Locking Thumbscrew, L = 3", Material= Aluminum, Color= Mate black, (Qty= 14),</p> <p>Optical Post Holder Ø1/2", Spring-Loaded Hex-Locking Thumbscrew, L = 4", Material= Aluminum, Color= Mate black, (Qty= 4),</p> <p>Optical Post Holder Ø1/2", Spring-Loaded Hex-Locking Thumbscrew, L = 2", Material= Aluminum, Color= Mate black, (Qty= 4),</p>	01 Set			

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	<p>Mounting BASE: Dimension = 25 mm x 58 mm x 10 mm, Slot length = 1.10", Material= Aluminum, Color= Mate black, (Qty= 12),</p> <p>Mounting BASE: Dimension = 25 mm x 58 mm x 10 mm, Slot length = 0.80", Material= Aluminum, Color= Mate black, (Qty= 10),</p> <p>Optical post: Diameter= Ø12.7 mm, SS, M4 Setscrew, M6 Tap, L = 75 mm, M4 hole at top, M6 Hole at bottom, (Qty= 14).</p> <p>Optical post: Diameter= Ø12.7 mm, SS, M4 Setscrew, M6 Tap, L = 100 mm, M4 hole at top, M6 Hole at bottom, (Qty= 8).</p>				
<p>5</p>	<p>Lens Mount with Retaining Ring for Ø2" Optics, M4 Tap, Black, (Qty=2)</p> <p>Kinematic Base (Magnetic)- 25mm x 25mm, with top and bottom plate, M4 Tapped Holes (Qty=01)</p> <p>UV fused silica Plano convex lens, Dia=50.8mm, f=200mm,. (Qty=02)</p> <p>UV fused silica Plano convex lens, Dia=50.8mm, f=150mm, (Qty=01)</p> <p>BK7 Bi-convex lens, Dia=50.8mm, f=250mm, (Qty=01)</p> <p>Neutral Density Filters: Material BK7, OD Tolerance: ±5% of OD, Clear Aperture: &gt;90%, Dimension= 25.4mmX2mm, Thickness Tolerance: ±0.1mm, , (Qty=05), One for each model. ZOD101 --- for ---OD1 or equivalent ZOD102 --- for ---OD1.5 or equivalent ZOD103 --- for ---OD2 or equivalent ZOD104 --- for ---OD3 or equivalent ZOD105 --- for ---OD4 or equivalent</p>	<p><b>01 Set</b></p>			
<p>6</p>	<p>Optical BreadBoard: Solid Aluminum Optical Breadboard Plate, Dimension= 1200x900x20 mm, Hole size= M6, Hole spacing = 25*25mm, Surface Flatness=0.1mm, Color= Black Mate, (Qty=01)</p> <p>Solid Aluminum Optical Breadboard Plate (Custom Size), Dimension= 800x600x12 mm, Hole size= M6, Hole</p>	<p><b>01 Set</b></p>			

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	spacing = 25*25mm, Surface Flatness=0.1mm, Color= Black Mate, (Qty=01)  Vertical Right Angle Brackets, Aluminum alloy Black color, (Qty=02)  Vertical Right Angle Brackets, Aluminum alloy Black color. (Qty=01)				
7	XYZ moving stage, Aluminum Black color, Top Dimension= 60*60 mm, Rail Type = V-rail (Cross Roller Guide), XY: ±6.5mm, Z Axis:10mm, Accuracy = 0.01mm, (Qty=01).  XY moving stage, Aluminum Black color, Top Dimension= 60*60 mm, Accuracy = 0.01mm, Table thickness= 30mm, (Qty=02).  Dovetail translation stage, Black, Bottom-Located 8-32 (M4) Tap for Ø1/2" Post (Qty=01)	<b>01 Set</b>			
8	Industrial Digital camera: 10MP color, USB 3.0 interface ,speed upto 5Gb/s, CMOS sensor, Pixel size 1.67µm × 1.67µm, Spectral response = 400nm-1000nm, Electronic rolling shutter, Max. resolution = 3856 × 2764.	<b>01 Pcs.</b>			
9	Microscope Iris Diaphragm Optical adjustment aperture, Black, Spring-Steel Leaves, Min-1.5mm, Max-22mm, Outer dia. 37mm, (Qty=01).  Microscope Iris Diaphragm Optical adjustment aperture, Black, Spring-Steel Leaves, Min-1.0mm, Max-10mm, Outer dia. 37mm, (Qty=02).	<b>01 Set</b>			
10	M6 screw, Full Thread, Black stainless steel, Hex socket Flat head cap, Full length=25mm,Thread pitch = 1 (Qty=24Pcs).  M6 screw, Full Thread, Black stainless steel, Hex socket Flat head cap, Full length=20mm,Thread pitch = 1 (Qty=24Pcs).  M4 screw, Full Thread, Black stainless steel, Hex socket head cap, Full length=12mm,Thread pitch = 0.7 (Qty=24Pcs).  M4 screw, Full Thread, Black stainless steel, Hex socket head cap, Full length=10mm,Thread pitch = 0.7 (Qty=24Pcs).  M2 screw, Full Thread, Hex socket head cap, Black stainless steel, Full length=10mm,Thread pitch = 0.4	<b>01 Set</b>			

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<p>(Qty=24Pcs).</p> <p>M4 Set screw, Hexagon socket tip, stainless steel 304 grade, Full thread, full length = 10mm, pitch= 0.7, (Qty=24)</p> <p>M4 Set screw, Hexagon socket tip, stainless steel 304 grade, Full thread, full length = 12mm, pitch= 0.7, (Qty=24)</p> <p>M2 Set screw, Hexagon socket tip, stainless steel 304 grade, Full thread, full length = 10mm, pitch= 0.4, (Qty=24)</p>				
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### **Bid Evaluation Criteria**

**All bids shall be evaluated in accordance with the following evaluation criteria and other terms & conditions set forth in this bidding document.**

1. The bids shall be evaluated to strictly ensure that the quoted brand/ model / make meet all the BoQ/ specification requirements given in the bidding document for each item.
2. In addition to the BoQ requirements, vendors must meet the vendor qualification criteria /company profile requirements (if any), as set forth in this tender document.
3. Supporting literature (where available / required) of the quoted brand/ model / make must be attached for verification & technical evaluation of the required specification by the technical committee. In case of any clash is found between the brand/ model / make and the supported literature may lead to rejection of bid.

### **Special Terms and conditions;**

1. Bidders are requested to quote genuine / quality products without compromising on quality. The supplied products shall be inspected by our technical experts with respect to BoQs requirements and quality standards.
2. Please submit the bid on COMSATS University Islamabad, Lahore Campus's prescribed BoQs and clearly mention the quoted model / brands / make with complete terms and conditions signed, stamped, otherwise your bid (s) may be rejected.
3. Multiple rates of an item may also lead to the rejection of bid / item.
4. *Purchase / work order shall be awarded to successful bidder (s) on Item Wise Basis.*
5. Vendor is required to make ensure the availability of the item in the local market before quoting them.

**Signature & Stamp of the Bidder**

### **GENERAL TERMS AND CONDITIONS**

**[All pages (BoQs & Terms & Conditions) are mandatory to be signed / stamped, failing which the bid may be rejected.]**

**Signature of Contractor with Stamp**

1. *Any addition, deletion or modification of any clause of the procurement terms & conditions of COMSATS University Islamabad, Lahore Campus by any vendor will not be acceptable and may lead to rejection of the bid.*
2. Part / Advance payments is not allowed.
3. The exact completion / delivery time from the date of the purchase / work order will be **30 days**. The handing over / completion time for this contract is of critical importance.
4. Your bid proposal should be inclusive of freight and all taxes to be delivered at COMSATS University Islamabad, Lahore Campus's premises.
5. In case more than one bidder have quoted same rates for an item; the bidder securing more items (in terms of cost) will be awarded the specific item.
6. The quotation should be submitted in a sealed envelope.
7. The envelope shall also bear the word "**CONFIDENTIAL**" and the title of procurement of "**Laser & Accessories for Dr. Muhammad Junaid Amjad, Department of Physics, CUI-Lahore Campus**"

Secretary Purchase Committee  
COMSATS University Islamabad, Lahore Campus  
Defence Road, Off Raiwind Road, Lahore.  
Tel: 042-111-001-007, Ext: 875

8. Payment will be made on submission of Invoice in the name of "COMSATS University Islamabad, Lahore Campus" with a copy of delivery challan (s) after the complete order has been supplied, inspected and accepted which includes delivery and installation, and COMSATS Lahore acceptance / inspection thereof.
9. All prices should be quoted on F.O.R (Pak Rupees) and **valid for at least 60 days**.
10. In case of any dispute or grievance, the matter shall be addressed as per PPRA rules.
11. **If the vendor fails to deliver the goods / services to COMSATS University Islamabad (CUI), Lahore Campus within the given deadline, any of the following can be opted by CUI Lahore campus on the recommendation of the end user and approval of the authority;**
  - a. An extension in the delivery period may be granted in case a valid reason/justification with necessary documentary evidence is provided by the vendor supporting the reason for delay.
  - b. A penalty upto 10% of the invoice value may be charged.
  - c. Purchase order may be cancelled along with warning letter, if the vendor fails to deliver the goods / services after the initial or extended delivery time, as the case may be.
12. The bid should be submitted in a sealed and stamped envelope up to **May 19, 2021 before 1400 Hrs** and will be opened on the same date at **1430 Hrs** in the presence of available bidders. In case of any holiday is announced by the Govt. OR any unforeseeable circumstances that prevent the tender from being opened on the date announced (Force Majure Situation), the tenders will be opened on the very next working day. Timing will remain as mentioned in the tender notice.
13. The COMSATS University Islamabad, Lahore Campus reserves the right to modify the quantities of goods / services at any time before the award of purchase / work order.

**Signature of Contractor with Stamp**

14. The undersigned affirm that the terms and conditions as contained in this document have been read and accepted and that in the event of selection of my/our rate the agreement in the prescribed form will be entered into:

- **Company / Vendor Name:**.....
- **Postal Address:**.....
- **Tel. / Mobile:**.....**Email:**.....
- **NTN# :**.....**GST#:**.....
- **Signature:** .....