



COMSATS University Islamabad, Lahore Campus
Defence Road, Off Raiwind Road, Lahore

Tender No. CUI-LHR-TN-13-18-1198

Case # 2560

Single Stage Two Envelop Procedure

Title of Tender: Lab Equipment for Dr. Muhammad Yar, Department of IRCBM

TERMS AND CONDITIONS

1. *All pages of bidding documents are mandatory to be signed / stamped, meaning thereby bidder agrees to our terms & conditions mentioned herein, failing which the bid may be rejected.*
2. *Any addition, deletion or modification of any clause of the procurement terms & conditions/BoQs of CUI,LC by any vendor will not be acceptable and may lead to rejection of the bid.*
3. *Only registered Suppliers, who are on Active Taxpayers List (ATL) of FBR, are eligible to participate in tender.*
4. The contract will be executed and handed over in satisfactory conditions up to the entire satisfaction of COMSATS University Islamabad, Lahore Campus.
5. Documents along with Pay Order / Demand Draft amounting to **Rs. 500/-** as a tender documents fee (Non-Refundable) shall be submitted in favor of COMSATS University Islamabad, Lahore Campus to the address given below. No bid will be accepted without tender documents' fee.
6. Part / Advance payments is not allowed.
7. **The exact completion/delivery time from the date of the purchase / work order will be 40 days. The handing over / completion time for this contract is of critical importance.**
8. Your bid proposal should be inclusive of freight and all other taxes delivered at COMSATS University Islamabad, Lahore Campus's premises.
9. After opening of bids, COMSATS University Islamabad, Lahore Campus will examine the bids for completeness as per tender document.
10. Purchase order (s) will be awarded to the lowest or technically recommended bidder (s) on the basis of item wise / subtotal wise / grand total wise according to the nature of BoQs.
11. The bid should be submitted in a sealed envelope up to **January 09, 2019** on or before **1400hrs** and will be opened on the same date **at 1430hrs** in the presence of available bidders.
12. COMSATS University Islamabad, Lahore Campus, will follow the PPRA rule of **single stage two envelope procedure;**
 - i. The bid shall comprise a single package containing **two separate envelopes**. Each envelope shall contain separately the **financial proposal** and the **technical proposal;**

- ii. The envelopes shall be marked as “**FINANCIAL PROPOSAL**” and “**TECHNICAL PROPOSAL**” in bold and legible letters to avoid confusion;
 - iii. Initially, only the envelope marked “**TECHNICAL PROPOSAL**” shall be opened;
 - iv. The envelope marked as “**FINANCIAL PROPOSAL**” shall be retained in the custody of the procuring agency without being opened;
 - v. The procuring agency shall evaluate the technical proposal in a manner prescribed in advance, without reference to the price and reject any proposal which does not conform to the specified requirements;
 - vi. During the technical evaluation no **amendments** in the technical proposal shall be permitted;
 - vii. The financial proposals of bids shall be opened publicly at a time, date and venue announced and communicated to the bidders in advance;
 - viii. After the evaluation and approval of the technical proposal the procuring agency, shall at a time within the bid validity period, publicly open the financial proposals of the technically accepted bids only. The financial proposal of bids found technically nonresponsive shall be returned un-opened to the respective bidders;
 - ix. and
 - x. The bid found to be the lowest evaluated bid shall be accepted.
13. The envelope should be marked as under;

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

The envelope shall also bear the word “**CONFIDENTIAL**” and following identification quotation of “**Lab Equipment for Dr. Muhammad Yar, Department of IRCBM**”.

14. The bid form (BoQs) must be duly filled in, stamped and signed by the authorized representative of the bidder.
- 15. If the vendor fails to deliver the goods / services to COMSATS University Islamabad, Lahore Campus in time then the penalty will be charged as under:-**
- a. 1% per day of the invoice price for 5 working days.
 - b. 2% per day of the invoice price for further 5 working days.
 - c. If the vendor fails to deliver the goods / services during the extended period then the purchase / work order may be cancelled, earnest money and payment may be forfeited.
16. If the delivered goods / services are not according to the required quality standards / specifications, the same shall be liable to be rejected after inspection. The vendor would be required to supply as per requirements mentioned in our BoQs, otherwise the purchase / work order will be cancelled after due date with confiscation of earnest money.
17. Deduction of Income Tax and any other tax will be deducted at source according to Government prevailing rules.

18. 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 / installation, and COMSATS acceptance / inspection thereof.
19. All prices should be quoted on F.O.R (Pak Rupees) inclusive of all applicable taxes.
20. All prices should be valid for at least **90 days**. Withdrawal or any modification of the original offer within the validity period shall entitle CUI, LC to forfeit the earnest money in favor of the CUI, LC and / or put a ban on such vendor participation in tenders / works.
21. It is the sole responsibility of the agent / supplier / manufacturer to comply with the applicable laws, be national or international.
22. In case of any dispute or grievance, the matter shall be addressed as per PPRA rules.
23. The CUI, LC reserves the right to modify the quantities of goods / services at any time before the award of purchase / work order.
24. **05% of the total value of the Invoice will be retained as security by COMSATS University Islamabad, Lahore Campus, and will be released after warranty period (Sr. # 1, 2, 3, 4 & 5 for One Year) which will be counted from the date of delivery / completion of work / supply.**
25. **The bidder is required to furnish in form of Bank deposit/ CDR / Pay order equivalent to 2% of the total Bid price as Earnest Money crossed in favor of “COMSATS University Islamabad, Lahore Campus”.**
26. COMSATS University Islamabad, Lahore Campus reserves the rights to reject the bid if:
 - i. Received without earnest money
 - ii. Received later than the date and time fixed for tender submission
 - iii. The tender is unsigned/ unstamped
 - iv. The offer is ambiguous
 - v. The offer is conditional
 - vi. The offer is from a firm, which is black listed by any Govt. Office.
 - vii. The offer is received by telephone/telex/fax/telegram.
 - viii. Any unsigned / ambiguous erasing, cutting / overwriting etc. is made.
27. The bidder should furnish a certificate as worded below in token of acceptance of all the terms and conditions of the tender otherwise the tender will not be considered under any circumstances.
28. 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:**
 - **Please also attach the Certificate supporting being Active Taxpayer as per requirement of FBR.**

Technical Portion (Please mention the quoted model/ brand in technical portion with no mention of price otherwise the bid will be rejected)

BoQs of Lab Equipment for Dr. Muhammad Yar, Department of IRCBM

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).			Please mention the quoted Model / Brand with meeting the all specifications mentioned in BoQs	
Sr.#	Item Name	Qty		
01	<p>Weighing Balance Technical Specification:- Capacity: 10 g – 10 Kg Readability: 10g Repeatability (S.D.): 10g Linearity (+/-): 20g Pan Size: 198x205/7.8"x8.0 Weighing Units: g, kg Tare range: Full Stabilisation Time (sec): 2 Interface: RS-232, Optional USB Calibration: External calibration Display: Backlit LCD with 20mm -high digits Power Supply: Mains power cord Operating(AC Adapter 230V-115 V+/-20% 50-60 Hz) Temperature: -10° to 40°C Housing: ABS plastic indicator with die-cast aluminum base Net Weight: 12.5kg Warranty One Year</p>	01	No.	
02	<p>Biosafety cabinet (With buffer zones at room entrance) Maintain a minimum average inflow velocity of 100 fpm (0.51mps) through the work access opening; Have HEPA filtered downflow air drawn from the laboratory or the outside air (i.e. downflow air is not re-circulated from the cabinet exhaust air; Exhaust all inflow and downflow air to the atmosphere through a hard connection to the facility exhaust system after filtration through a HEPA filter without recirculation in the cabinet or return to the laboratory; and, Have all contaminated ducts and plenums under negative pressure or surrounded by directly exhausted (non- re-circulated through the work area) negative pressure ducts and plenums. Working area should be 5-6 ft. voltage should be 220 Total Amp should be equal to 11.3 2 Buffer Zone: Dimensions(4×4 ft)×3 with 3 doors Warranty One Year</p>	01	No.	

03	<p>Incubator Exterior Dimensions W x D x H: 30.7 x 32.8 x 36.8 in.(780 x 833 x 935 mm) Interior Dimensions W x D x H: 23.9 x 23.0 x 26.4 in.(607 x 584 x 671) Internal Volume: 240 (8.4 cu. ft.) Weight: 178 lbs. (81 kg) Shelves Dimensions W x D: 22.0 x 19.7 (560 x 500 mm) No. of Shelves Standard/Maximum: 3 Standard 12 Maximum Shelves Half Width W x D: 10.2 x 19.7 in.(260 x 500 mm) Interior Chamber: Solid Copper/Stainless Steel Shelves and Fan Impeller: Solid Copper/Stainless Steel Temperature Control Range °C: TA +3 ... 55 Temperature deviation, time/spatial: ± 0.1/± 0.5 K Ambient temperature range °C: +18 ... 33 Constant humidity (% H): 95 ± 3 CO₂ Measure and control range Vol. – % CO₂ Control accuracy Vol. – %: ± 0.1 Inlet pressure bar: 0.8 ... max. 1 Gas purity %: 99.5, medical quality min. O₂ Measure and control range Vol. – %: 1..21/5..90 O₂ Control accuracy Vol. – %: ±0.2 Rated voltage V: 1/N/PE AC; 230 (120) Rated output kW: 0.64 (0.65) Rated frequency Hz: 50/60 Heat emission to environment at 37°CkWh/h: 0.07 Warranty One Year</p>	01	No.	
04	<p>Sterilization Oven Temperature range up to +250°C with internal light Warranty One Year</p>	01	No.	

<p>05</p>	<p>DSLR Camera Cannon or equivalent Lens: Microzoom lens EF-S 18-55mm STM Lens Type: Digital, single-lens reflex, AF/AE camera with built-in flash Effective Pixel: Approx. 24.2 megapixels or more * Rounded to the nearest 100,000 Picture style: Auto, Standard, Portrait, Landscape, Fine Detail, Neutral, Faithful, Monochrome, User Defined 1 – 3 White Balance: Auto (Ambience priority), Auto (White priority), Preset (Daylight, Shade, Cloudy, Tungsten light, White fluorescent light, Flash), Custom White balance correction, and White balance bracketing provided * Flash color temperature information transmission possible Automatic image brightness correction: Auto Lightining optimizer provided Highlight tone priority: provided Field of view coverage: Vertical/Horizontal approx. 95% (with Eye point approx.19 mm) Magnification: Approx. 0.87x (-1 m⁻¹ with 50mm lens at infinity) Focusing screen: Fixed, Precision Matte Focusing brightness range: EV -0.5 - 18 (with the center AF point supporting f/2.8, One-Shot AF, at room temperature, ISO 100) Built-in flash: Retractable, auto pop-up flash Guide No.: Approx. 9.8/32.1 (ISO 100, in meters/feet) Flash coverage: Approx. 18mm lens angle of view Recharge time: Approx. 3 sec. Battery: Battery Pack LP-E17 (Quantity 1) * AC power usable with household power outlet accessories. Dimensions (W x H x D): Approx. 122.4 x 92.6 x 69.8 mm / 4.82 x 3.65 x 2.75 in. Working temperature range: 0°C - 40°C / 32°F - 104°F Working Humidity: 85% or less Tripod stand with 360 degree rotation Warranty One Year</p>	<p>01</p>	<p>No.</p>	
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06	Surgical Kit TEM DETAILS: 1 Dressing Scissors S/B 6" 1 Iris Scissors Straight 4.5" 1 Mayo Scissors Curved 5.5" 1 Littauer Stitch Scissors 5.5" 1 Dissecting Forceps 1x2 teeth 6" 1 Dissecting Forceps Plain 6" 1 Mosquito Artery Forceps Str. 5" 1 Needle Holder 6" 1 Single Hook Retractor 1 Senn Muller Retractor Sharp 1 McDonald Dissector 1 Volkman Curette 1 B.P Handle No.3,4	01	No.	
07	Hair Clipper 2 variables of different blade size Size 10 UltraEdge blade Size 7 Ultra Edge blade 230 V ~ 50/60 Hz ; 45 W Dimensions: 1.9" H x 2.1" W x 8.2" L, Weight: 1.7lb. Cord length: 12ft.	02	Nos.	
08	Polypropylene Cutting Board White 16 x 23 x 0.75 in Made of non-absorbent polypropylene	5	Nos.	
09	Surgical Table Wooden table With bottom cabinets (Dimension: 120X60X80H)	01	No.	
10	Surgical lamp Standing with rolling tires: IL luminance: L734- II 50000Lx Color Temperature: 4300±200k Color rendering index: Ra≥90 Mains Voltage: ~220V±22V 50Hz± 1Hz / ~ 110V ± 11V 60 Hz ± 1Hz Rated Voltage Of Bulb: 24V Rated power Of Bulb: 25W	01	No.	
11	Lights Surgical lights (shadow less) 24V; 25W	01	No.	
12	Screenflex Screenflex 7 Panel Portable Room Divider, 5'H X 13'1"L (for room partition)	01	No.	

13	Pipette Gun Pipette Controller for use with pipettes from 0.1-100ml	01	No.	
14	Steel Molds Tissue embedding cassettes stainless steel base molds Dimensions: 24×24×5 mm	05	Nos.	

Financial Portion (Price and Brand/Model to be mention only in Financial Proposal in a separate sealed envelope)

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	Qty		Quoted Model / Brand	Unit Price (Rs.)	Total Price (Rs.)
01	Weighing Balance Technical Specification:- Capacity: 10 g – 10 Kg Readability: 10g Repeatability (S.D.): 10g Linearity (+/-): 20g Pan Size: 198x205/7.8"x8.0 Weighing Units: g, kg Tare range: Full Stabilisation Time (sec): 2 Interface: RS-232, Optional USB Calibration: External calibration Display: Backlit LCD with 20mm -high digits Power Supply: Mains power cord Operating(AC Adapter 230V-115 V+/-20% 50-60 Hz) Temperature: -10° to 40°C Housing: ABS plastic indicator with die-cast aluminum base Net Weight: 12.5kg Warranty One Year	01	No.			

02	<p>Biosafety cabinet (With buffer zones at room entrance) Maintain a minimum average inflow velocity of 100 fpm (0.51mps) through the work access opening; Have HEPA filtered downflow air drawn from the laboratory or the outside air (i.e. downflow air is not re-circulated from the cabinet exhaust air; Exhaust all inflow and downflow air to the atmosphere through a hard connection to the facility exhaust system after filtration through a HEPA filter without recirculation in the cabinet or return to the laboratory; and, Have all contaminated ducts and plenums under negative pressure or surrounded by directly exhausted (non- re-circulated through the work area) negative pressure ducts and plenums. Working area should be 5-6 ft. voltage should be 220 Total Amp should be equal to 11.3 2 Buffer Zone: Dimensions(4×4 ft)×3 with 3 doors Warranty One Year</p>	01	No.			
03	<p>Incubator Exterior Dimensions W x D x H: 30.7 x 32.8 x 36.8 in.(780 x 833 x 935 mm) Interior Dimensions W x D x H: 23.9 x 23.0 x 26.4 in.(607 x 584 x 671) Internal Volume: 240 (8.4 cu. ft.) Weight: 178 lbs. (81 kg) Shelves Dimensions W x D: 22.0 x 19.7 (560 x 500 mm) No. of Shelves Standard/Maximum: 3 Standard 12 Maximum Shelves Half Width W x D: 10.2 x 19.7 in.(260 x 500 mm) Interior Chamber: Solid Copper/Stainless Steel Shelves and Fan Impeller: Solid Copper/Stainless Steel Temperature Control Range °C: TA +3 ... 55 Temperature deviation, time/spatial: ± 0.1/± 0.5 K Ambient temperature range °C: +18 ... 33 Constant humidity (% H): 95 ± 3 CO₂ Measure and control range Vol. – % CO₂ Control accuracy Vol. – %: ± 0.1 Inlet pressure bar: 0.8 ... max. 1 Gas purity %: 99.5, medical quality min. O₂ Measure and control range Vol. – %:</p>	01	No.			

	<p>1..21/5..90 O₂ Control accuracy Vol. – %: ±0.2 Rated voltage V: 1/N/PE AC; 230 (120) Rated output kW: 0.64 (0.65) Rated frequency Hz: 50/60 Heat emission to environment at 37°CkWh/h: 0.07 Warranty One Year</p>					
04	<p>Sterilization Oven Temperature range up to +250°C with internal light Warranty One Year</p>	01	No.			
05	<p>DSLR Camera Cannon or equivalent Lens: Microzoom lens EF-S 18-55mm STM Lens Type: Digital, single-lens reflex, AF/AE camera with built-in flash Effective Pixel: Approx. 24.2 megapixels or more * Rounded to the nearest 100,000 Picture style: Auto, Standard, Portrait, Landscape, Fine Detail, Neutral, Faithful, Monochrome, User Defined 1 – 3 White Balance: Auto (Ambience priority), Auto (White priority), Preset (Daylight, Shade, Cloudy, Tungsten light, White fluorescent light, Flash), Custom White balance correction, and White balance bracketing provided * Flash color temperature information transmission possible Automatic image brightness correction: Auto Lightening optimizer provided Highlight tone priority: provided Field of view coverage: Vertical/Horizontal approx. 95% (with Eye point approx. 19 mm) Magnification: Approx. 0.87x (-1 m⁻¹ with 50mm lens at infinity) Focusing screen: Fixed, Precision Matte Focusing brightness range: EV -0.5 - 18 (with the center AF point supporting f/2.8, One-Shot AF, at room temperature, ISO 100) Built-in flash: Retractable, auto pop-up flash Guide No.: Approx. 9.8/32.1 (ISO 100, in meters/feet) Flash coverage: Approx. 18mm lens angle of view Recharge time: Approx. 3 sec. Battery: Battery Pack LP-E17 (Quantity 1) * AC power usable with household power</p>	01	No.			

	<p>outlet accessories.</p> <p>Dimensions (W x H x D): Approx. 122.4 x 92.6 x 69.8 mm / 4.82 x 3.65 x 2.75 in.</p> <p>Working temperature range: 0°C - 40°C / 32°F - 104°F</p> <p>Working Humidity: 85% or less</p> <p>Tripod stand with 360 degree rotation</p> <p>Warranty One Year</p>					
06	<p>Surgical Kit</p> <p>TEM DETAILS:</p> <p>1 Dressing Scissors S/B 6"</p> <p>1 Iris Scissors Straight 4.5"</p> <p>1 Mayo Scissors Curved 5.5"</p> <p>1 Littauer Stitch Scissors 5.5"</p> <p>1 Dissecting Forceps 1x2 teeth 6"</p> <p>1 Dissecting Forceps Plain 6"</p> <p>1 Mosquito Artery Forceps Str. 5"</p> <p>1 Needle Holder 6"</p> <p>1 Single Hook Retractor</p> <p>1 Senn Muller Retractor Sharp</p> <p>1 McDonald Dissector</p> <p>1 Volkman Curette</p> <p>1 B.P Handle No.3,4</p>	01	No.			
07	<p>Hair Clipper</p> <p>2 variables of different blade size</p> <p>Size 10 UltraEdge blade</p> <p>Size 7 Ultra Edge blade</p> <p>230 V ~ 50/60 Hz ; 45 W</p> <p>Dimensions: 1.9" H x 2.1" W x 8.2" L,</p> <p>Weight: 1.7lb.</p> <p>Cord length: 12ft.</p>	02	Nos.			
08	<p>Polypropylene Cutting Board</p> <p>White</p> <p>16 x 23 x 0.75 in</p> <p>Made of non-absorbent polypropylene</p>	5	Nos.			
09	<p>Surgical Table</p> <p>Wooden table With bottom cabinets</p> <p>(Dimension: 120X60X80H)</p>	01	No.			
10	<p>Surgical lamp</p> <p>Standing with rolling tires:</p> <p>IL luminance: L734- II 50000Lx</p> <p>Color Temperature: 4300±200k</p> <p>Color rendering index: Ra≥90</p> <p>Mains Voltage: ~220V±22V 50Hz± 1Hz / ~ 110V ± 11V 60 Hz ± 1Hz</p> <p>Rated Voltage Of Bulb: 24V</p> <p>Rated power Of Bulb: 25W</p>	01	No.			

11	Lights Surgical lights (shadow less) 24V; 25W	01	No.			
12	Screenflex Screenflex 7 Panel Portable Room Divider, 5'H X 13'1"L (for room partition)	01	No.			
13	Pipette Gun Pipette Controller for use with pipettes from 0.1-100ml	01	No.			
14	Steel Molds Tissue embedding cassettes stainless steel base molds Dimensions: 24×24×5 mm	05	Nos.			

Special Terms and conditions:

- Please submit the technical and financial bid (s) on our prescribed BoQs and clearly mention the quoted model / brands, with complete terms and conditions signed, stamped with both bids, otherwise your bid (s) may be rejected.
- In Addition to filling of the attached BoQs, supporting literature of the quoted model must be attached for verification & technical evaluation of the required specification by the technical committee. In case of any clash is found between the quoted model and the literature model. So the item/bid may be rejected.
- Purchase / work order (s) will be awarded on **Item Wise Basis** as mentioned in BoQs.
- Kindly attach the **Tender fee with Technical Bid** and **Bid money / CDR with Financial Bid**.
- Multiple rates of an item may also lead to the rejection of bid / item.