

UNIVERSITY OF ENGINEERING & TECHNOLOGY, PESHAWAR

TENDER NOTICE

Through EPADS K-26010488545

The Department of Mechatronics Engineering, UET Peshawar, intends to procure goods for its project, **“Piloting and Commercialization of Intelligent Lower Limb Prosthesis”** through **EPADS**. Sealed Tenders/Bids are invited from reputed firms registered with KPRA authorities and having Income/Sales Tax (where applicable) and are included in the Active Tax-payers list (ATL) of FBR/KPRA, etc. to submit Tenders/Quotations for the supply of the following items:

Sr. #	Item Name	Qty.
Lot # 1 – Renovation of Amputee Facilitation Center		
1.	Vertical Blinds for Windows	05
2.	DC Inverter Cabinet Type Air Conditioner	01
3.	LED TV for Amputee Training	01
4.	Tables	02
5.	Executive Chairs	02
6.	Visitor Chairs	04
7.	Wood/laminate work benches	02
8.	Steel Work Benches	01
Lot # 2 - Materials		
1.	Carbon fiber-based energy storage prosthetic foot	04
2.	Integration tube adaptor	05
3.	Bidirectional tube adapter	05
4.	Female three jaws	05
5.	Cap for dynamic foot	05
6.	Gel Cover Lock	05
7.	LSL-LSC Silicone with Lock	03
8.	Integration Tube Adapter	05
Lot # 3 – Stationary		
1.	A4 size paper ream for printing	03
2.	Colored paper pack	01
3.	Highlighter (Yellow, Green, Pink and Blue)	12
4.	Toner cartridge	02
5.	Envelope White A-4 size	100
Lot # 4 – Documentation for ISO/IEC Certifications		
1.	Technical documentation for compliance with ISO 10328:2016 – Prosthetics: Structural testing of lower-limb prostheses.	01
2.	Documentation for compliance with IEC 60601-1: Medical Electrical Equipment – General Requirements for Basic Safety and Essential Performance.	01
Lot # 5 – Tools		
1.	10 mm End Mill Cutter, length 75 mm, HRC-55	02
2.	18 mm End Mill Cutter, length 75 mm, HRC-55	02
3.	06 mm End Mill Cutter, length 75 mm, HRC-55	02
4.	08 mm End Mill Cutter, length 75 mm, HRC-55	02
5.	03 mm End Mill Cutter, length 50 mm, HRC-55	02

6.	03 mm Ball Nose Cutter, length 50 mm, HRC-55	02
7.	06 mm Ball Nose Cutter, length 75 mm, HRC-55	02
8.	08 mm Ball Nose Cutter, length 75 mm, HRC-55	02
9.	20 mm Insert cutter, length 80 mm, HRC-55 with insert box	02
10.	Face Cutter, Dia. 100 mm with standard length and insert box	02
11.	Face Cutter, Dia. 100 mm with standard length and insert box	02
12.	Drill bit, 18 mm., Dormer	02
13.	Drill bit, 20 mm., Dormer	02
14.	20 mm, End Mill Insert type with standard length and insert box	02

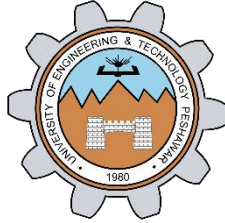
Details of items, specifications, terms & conditions can be obtained from the office of the Project Principal Investigator, Department of Mechatronics Engineering, UET Peshawar, Phase 5, Hayatabad on any working day upon payment of Rs. 500/- per set (non-refundable) between 10:00 AM – 3:00 PM or online from UET website free of charge. For any query, please contact us at Phone No. 091-9217070 ext. 817.

Interested firms fulfilling the required conditions may submit their quotations along with a 2% Call Deposit or Bank Draft in Favor of “University of Engineering and Technology Piloting and Commercialization of Intelligent Lower Limb Prosthesis”. Submissions must include a technical and financial bid in single sealed envelopes and be received no later than 10:30 AM, January 26, 2026. Late submissions will not be considered. Tenders will be opened on the same day at 11:00 AM in the presence of bidders or their authorized representatives i.e., in the Conference Hall UET Peshawar. The center reserves the right to accept/reject all bids or parts in the provision of KPPRA rules.

Tender will be awarded lot-wise. Only the complete lot will be considered for evaluation

Mailing and Bid Submission Address:
Project Principal Investigator
Department of Mechatronics Engineering
(Sector B3, Phase-5, Hayatabad Peshawar),
Hayatabad, UET Peshawar,
091-9217070-817

UNIVERSITY OF ENGINEERING AND TECHNOLOGY, PESHAWAR



DETAILED SPECIFICATIONS DOCUMENT

Procurement Reference	Tender Advertised for the Supply OF Equipment and Documentation for ISO/IEC certification for Pakistan Academy of Sciences Funded Project
Procuring Entity	University of Engineering and Technology, Peshawar
KPPRA	Apply through EPADS No. <u>K-26010488545</u>
Advertisement Date	09-01-2026
Tender Submission Deadline (New)	26-01-2026, 10:30 AM
Opening of Tender Bids (new)	26-01-2026, 11:00 AM
Procurement Method	Single Stage – Single Envelope
Venue for the meeting	Main Conference Hall, University of Engineering and Technology, Peshawar

**PROCUREMENT OFFICE
UNIVERSITY OF ENGINEERING & TECHNOLOGY, PESHAWAR**

TECHNICAL SPECIFICATIONS & BILL OF QUANTITIES (BOQ)

1. PROJECT:





Piloting and Commercialization of Intelligent Lower Limb Prosthesis




2. SCOPE OF THE PROJECT:

The Department of Mechatronics Engineering, UET Peshawar has been awarded a project titled “Piloting and Commercialization of Intelligent Lower Limb Prosthesis” for conducting R & D in microprocessor based lower limb prosthesis. Accordingly, as per the project proposal the department intends to establish an amputee facilitation center, procure components for developing commercial prototypes and prepare necessary documentation for acquisition of ISO/IEC certifications.

3. BILL OF QUANTITIES

Sr. #	Item Name	Qty.
Lot # 1 – Renovation of Amputee Facilitation Center		
1.	Vertical Blinds for Windows <ul style="list-style-type: none"> Material: PVC-coated fabric/polyester Slat width: 89 mm/100 mm Mounting: Face-wall mounted with brackets Track System: Aluminium headrail with corrosion-resistant finish Dimensions: 10 ft. x 7 ft. 	05
2.	DC Inverter Cabinet Type Air Conditioner <ul style="list-style-type: none"> Capacity Range: 2 Ton Cooling/Heating: 6 – 8 kW Category: Hot and Cool Power Supply: 220 – 340 V @ 50 Hz. Air Flow: 1,000 – 1,300 m³/hr. Refrigerant Type: R410A 	01
3.	LED TV for Amputee Training <ul style="list-style-type: none"> Size: 65 in. Resolution: Ultra HD 4K (3840x2160) Smart Features: Built-in Android 3 GB RAM + 32 GB Storage for Smooth Operation Refresh Rate: 144 Hz with VRR 	01
4.	Tables <ul style="list-style-type: none"> Dimension: 48"x30"x30" Top Made of 30mm thick Lamination board Structure Made of 15mm thick Lamination Edges covered with 1mm thick PVC Edging. 	02
5.	Executive Chairs <ul style="list-style-type: none"> Seat and back covered with high quality foam and approved fabric or leatherite. Imported nylon base and hydraulic gas lift used at bottom. 	02
6.	Visitor Chairs <ul style="list-style-type: none"> Structure made of MS Pipe 18g. Seat and Back covered with high quality foam approved fabric or leatherite. 	04
7.	Wood/laminate work benches <ul style="list-style-type: none"> Dimensions (minimum): 60 in. x 30 in. x 36 in. (LxWxH) Top Made of 30 mm thick Lamination board Structure Made of steel frame 1.5 in. x 1.5 in. x 16g Edges covered with 1mm thick PVC Edging Storage: under-shelf (plywood/mesh) + 1–2 lockable drawers (full-extension, 150–200 mm high). 	02
8.	Steel Work Benches <ul style="list-style-type: none"> Dimensions (minimum): 48 in. x 24 in. x 24 in. (L x W x H) Tope covered with 18G GI Sheet Structure Made of steel frame 1.0 x 1.0 in. x 16g 	01
Lot # 2 - Materials		

1.	<p>Carbon fiber-based energy storage prosthetic foot</p> <ul style="list-style-type: none"> • Material: Polyurethane • Color: Beige • Load bearing capacity: Min. 100 kg. • Required Sizes Right-25, Right-26, Left-26 and Left-27 	04
2.	<p>Integration tube adaptor</p> <ul style="list-style-type: none"> • Material: Carbon fibre tube combined with stainless steel adaptor • Length: 420 mm • Load bearing capacity: Min. 100 kg. 	05
3.	<p>Bidirectional tube adapter</p> <ul style="list-style-type: none"> • Material: Stainless steel • Length: 32 mm 	05
4.	<p>Female three jaws</p> <ul style="list-style-type: none"> • Material: Stainless Steel 	05
5.	<p>Cap for dynamic foot</p> <ul style="list-style-type: none"> • Material: Polypropylene 	05
6.	<p>Gel Cover Lock</p> <ul style="list-style-type: none"> • Material: Aluminum • Supporting Weight: Minimum 100 kg. 	05

		
7.	<p>LSL-LSC Silicone with Lock</p> <ul style="list-style-type: none"> • Material: Silicone • Size: 35, 38, 41 • Thickness: 3 mm 	03
8.	<p>Integration Tube Adapter</p> <ul style="list-style-type: none"> • Material: Aluminum tube + Stainless steel adaptor • Length: 200 mm • Max. supporting weight: 100 kg 	05
Lot # 3 – Stationary		
1.	<p>A4 size paper ream for printing</p> <ul style="list-style-type: none"> • 80 GSM, white (500 sheets) • Double-A 	03
2.	<p>Colored paper pack</p> <ul style="list-style-type: none"> • Assorted Colors, 100 GSM 	01
3.	<p>Highlighter (Yellow, Green, Pink and Blue) (Stabilo Boss Original or Mercury or Equivalent)</p>	12
4.	<p>Toner cartridge</p> <ul style="list-style-type: none"> • HP LaserJet MFP 135a 	02
5.	Envelope White A-4 size	100
Lot # 4 – Documentation for ISO/IEC Certifications		
1.	The supplier shall prepare all necessary technical documentation required for compliance with ISO 10328:2016 – Prosthetics: Structural	01

	<p>testing of lower-limb prostheses.</p> <p>The work shall include:</p> <ul style="list-style-type: none"> • Reviewing design and material specifications of the lower limb prosthesis. • Preparing compliance documentation, including design files, bill of materials, and fabrication records. • Preparing test plans and templates in accordance with ISO 10328 requirements (without conducting physical tests). • Providing a final documentation package ready for submission to an accredited ISO certification body. <p>Deliverables:</p> <ul style="list-style-type: none"> • ISO 10328 compliance documentation set (soft + hard copy). • Summary report indicating conformity of design and materials. 	
2.	<p>The supplier shall prepare all necessary documentation required for compliance with IEC 60601-1: Medical Electrical Equipment – General Requirements for Basic Safety and Essential Performance.</p> <p>The work shall include:</p> <ul style="list-style-type: none"> • Reviewing the design and electrical systems of equipment used in the prosthetic and rehabilitation facility. • Preparing compliance documentation covering safety, labeling, insulation, leakage current, and grounding requirements. • Preparing test plans, risk analysis, and conformity checklist as per IEC 60601-1 guidelines. • Submitting a final documentation package ready for review by an accredited certification body. <p>Deliverables:</p> <ul style="list-style-type: none"> • IEC 60601-1 compliance documentation (soft + hard copy). • Summary report on conformity of design and safety features. 	01
Lot # 5 – Tools		
1.	10 mm End Mill Cutter, length 75 mm, HRC-55	02
2.	18 mm End Mill Cutter, length 75 mm, HRC-55	02
3.	06 mm End Mill Cutter, length 75 mm, HRC-55	02
4.	08 mm End Mill Cutter, length 75 mm, HRC-55	02
5.	03 mm End Mill Cutter, length 50 mm, HRC-55	02
6.	03 mm Ball Nose Cutter, length 50 mm, HRC-55	02
7.	06 mm Ball Nose Cutter, length 75 mm, HRC-55	02
8.	08 mm Ball Nose Cutter, length 75 mm, HRC-55	02
9.	20 mm Insert cutter, length 80 mm, HRC-55 with insert box	02
10.	Face Cutter, Dia. 100 mm with standard length and insert box	02
11.	Face Cutter, Dia. 100 mm with standard length and insert box	02
12.	Drill bit, 18 mm., Dormer	02
13.	Drill bit, 20 mm., Dormer	02
14.	20 mm, End Mill Insert type with standard length and insert box	02

GENERAL TERMS & CONDITIONS FOR BIDDING

1. All participating firms are required to submit their bids exclusively through the EPADS system, no other mode of submission will be accepted.
2. The prices shall be quoted for the entire lot as a single package in accordance with the specifications provided in the bidding documents. Partial or item-wise quotations shall not be entertained and may result in disqualification of the bid.
3. The entire lot shall be awarded to a single successful bidder whose bid is determined to be substantially responsive and who offers the lowest evaluated price, subject to meeting all technical and commercial requirements. Splitting of the lot among multiple bidders shall not be permissible under any circumstances.
4. The University reserves the right to increase or decrease the quantities of items.
5. The validity period of the quotation/tender must be at least six (06) months.
6. Bids/rates shall be quoted as unit prices (inclusive of all applicable taxes) according to the prescribed specifications available in the bidding documents. The final rate must be mentioned in both words and figures. Rates with cutting or overwriting will be considered non-responsive.
7. Conditional, ambiguous, or alternative bids will not be considered.
8. Arithmetical errors will be rectified as follows:
 - a. If there is a discrepancy between the unit price and the total price (obtained by multiplying unit price and quantity), the unit price shall prevail, and the total will be corrected.
 - b. If there is a discrepancy between words and figures, the amount in words shall prevail. If the supplier does not accept the correction of errors, the bid will be rejected, and the bid security may be forfeited.
9. Copies of Income Tax Registration, Sales Tax Registration, and KPPRA registration must be attached. The supplier must produce NTN with the bill; otherwise, 2% additional Income Tax will be deducted at source.
10. Security @ 10% of the total bill amount will be deducted from the supplier at the time of payment.
11. Interested firms fulfilling the required conditions may submit their sealed quotations under the **SINGLE-STAGE SINGLE-ENVELOPE PROCEDURE** along with a 2% Call Deposit/Bank Draft in favour of the University of Engineering and Technology Piloting and Commercialization of Intelligent Lower Limb Prosthesis, latest by **26-01-2026 10:30 AM**. The University Procurement Committee will open the bids on the same day at **11:00 AM in the Conference room**, UET Peshawar, in the presence of bidders who wish to attend.
12. A Call Deposit/Banker's Cheque/Pay Order equal to 2% of the quoted value must accompany the bid; otherwise, the bid will be considered non-responsive. Personal cheques will not be accepted.
13. Call Deposits shall be verified before preparing comparative statements; if found fake, legal action will be initiated against the firm as per rules.
14. The firm will be bound to complete the supply/project within **30 days of issuance of the supply order**; failing which, the call deposit will be forfeited, and the order cancelled /withdrawn.
15. All applicable Government taxes will be deducted from the approved firm's bill as per BOQ/prevaling rules.
16. Suppliers must provide a guarantee/warranty for at least one (01) year, covering after-sales service and maintenance.
17. The approved supplier(s) shall be responsible for the replacement of spare parts free of cost during the guarantee period.
18. In case of fraudulent practices by the supplier, strict action will be taken, including forfeiture of security and call deposit, along with a penalty.
19. All documents relating to the bid and contract shall be in English.
20. Each page of the bidding documents must be signed and stamped by a person duly authorized by the supplier.
21. In case of supply of defective or used items, the firm will be dealt with under the Government rules and regulations.
22. Payment shall be released only upon obtaining a satisfactory report from the Technical/Inspection Committee and the concerned end-user. Rejected items must be replaced within three (03) days at the supplier's own risk and cost.
23. The suppliers shall be responsible for installation, commissioning and demonstration of the equipment at the specified site, at their own cost.
24. Payment will be made upon successful supply, installation, and commissioning of items/equipment.
25. Incomplete or late tenders will not be accepted.
26. Any other factor deemed relevant by the procuring entity, depending on the nature and complexity of the contract, may also apply, provided it is not inconsistent with applicable rules.