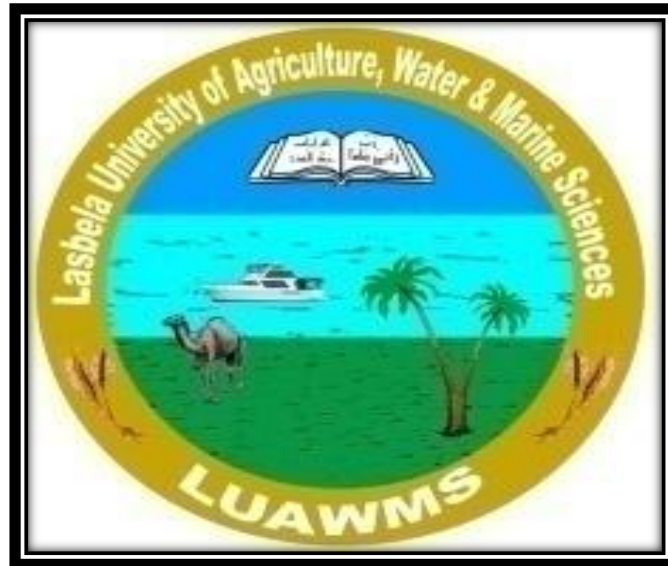


**TENDER DOCUMENTS**

**TECHNICAL BIDS**

**Procurement, Installation, and Commissioning of an RFID/Biometric-Based Entrance  
Access Control System for the Students' Hostels at LUAWMS**  
**PROCUREMENT DEPARTMENT**



**This RFP Form issued to**

**M/s** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**(Tender Fee Rs. 2000/= non-refundable)**

|                                                               |                                                  |
|---------------------------------------------------------------|--------------------------------------------------|
| <b>Last date for issuance of tender documents:</b>            | <b>7<sup>th</sup> August 2026</b>                |
| <b>Last date for submission of complete tender documents:</b> | <b>At 12:00 PM on 7<sup>th</sup> August 2026</b> |
| <b>Date for opening of tender:</b>                            | <b>At 12:30 PM on 7<sup>th</sup> August 2026</b> |

**OFFICE OF THE DIRECTOR OF PROCUREMENT**

**LASBELA UNIVERSITY OF AGRICULTURE, WATER AND MARINE SCIENCES**  
**(LUAWMS) UTHAL BALOCHISTAN**

**Tel. No.: 0853-610914**

## **E-Tender Notice**

Lasbela University of Agriculture, Water and Marine Sciences (LUAWMS), Uthal, District Lasbela, Balochistan, invites sealed bids through the E-Pak Acquisition & Disposal System (EPADS) from original manufacturers, authorized distributors, and suppliers duly registered with the Income Tax and Sales Tax Departments and appearing on the Active Taxpayers List (ATL) of the Federal Board of Revenue (FBR).

The tender is for the **Procurement and Installation of an RFID/Biometric-Based Entrance Access Control System** at the Students' Hostels of LUAWMS. Bidders must have relevant experience in executing similar projects and demonstrate sound financial standing.

Complete details, including eligibility criteria, technical specifications, terms and conditions, and the bidding procedure, are available in the Tender Documents.

### **Tender Information:**

| S. No. | Particular                                          | Tender Fee (Non-refundable) | Closing Date                            | Opining Date                            |
|--------|-----------------------------------------------------|-----------------------------|-----------------------------------------|-----------------------------------------|
| 01     | RFID/Biometric-Based Entrance Access Control System | Rs. 2,000/-                 | 7 <sup>th</sup> August 2026<br>12:00 PM | 7 <sup>th</sup> August 2026<br>12:30 PM |

### **General Terms & Conditions:**

1. Tender documents can be downloaded from the ePADS and LUAWMS website from the date of publication until **7<sup>th</sup> August 2026**. The tender fee shall be deposited through Bank Draft or Online Transfer in favor of Account Title “**Own Resources LUAWMS (A/C No. PK17NBPA2161003058577877)**”.
2. The original Bid Security @ **2 %** in the shape of Pay order/ Call deposit /Bank Draft issued by any scheduled bank of Pakistan in the favor of Director Procurement of LUAWMS Uthal must be reached the office Deputy Director Procurement LUAWMS before the date of closing and copy also attached with technical bid as proof, Bids without the requisite Earnest Money will be rejected.
3. The tender must be submitted online through EPADS PPRA Portal System before **7<sup>th</sup> August 2026** at 12:00 PM. The technical bids will be opened on the same day at **12:30 PM** in the presence of the University Purchase Committee and bidders. Conditional bids will not be accepted under any circumstances.
4. Bidding shall be conducted under the Single Stage, Two Envelope Procedure as per PPRA Rule 36(b). The bid must consist of two sealed envelopes: one containing the *Technical Proposal* and the other containing the *Financial Proposal*. All quoted prices must be in Pak Rupees and inclusive of all applicable taxes.
5. The financial proposals of only those firms will be entertained whose technical proposals are found correct in all respects as per specification of items and terms and conditions of the bidding documents.
6. The successful bidder(s), upon award, shall complete the supply & Installation strictly within the stipulated time as per specifications in the tender documents. In case of non-compliance or default, the Earnest Money shall be forfeited in favor of LUAWMS.
7. LUAWMS reserves the right to accept or reject any or all tenders/bids at any stage as per applicable PPRA Rules.

**Deputy Director Procurement**  
**LUAWMS Uthal**  
**Office No: 0853-610914**  
**Cell No: 03337156515**

**ELIGIBILITY CRITERIA FOR BIDDERS:**

| S# | Bidders Eligibility Factor                | Mandatory Requirement                                                                                                                                                      | Document Required                                                                                                    |
|----|-------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| 1  | Registration with Income Tax              | NTN Certificate                                                                                                                                                            | Attach Copy of NTN                                                                                                   |
| 2  | Registration with Sale-Tax                | GST Certificate                                                                                                                                                            | Attach Copy of GST registration certificate                                                                          |
| 3  | Relevant Experience                       | For Experienced Firm(s) successfully completed similar (i) 2x assignments of Rs. 0.7 million or (ii) 1x assignment of Rs.1.4 million in last three year.                   | Copy/ies of Supply Order/s with relevant completion certificate/s or Inspection Report/s                             |
|    |                                           | <b>For In-experienced (New Firms):</b><br>MoU / JV or Agreement with a Firm fulfilling the above-mentioned criteria                                                        | Signed & stamped copy of original Agreement in addition to Supply orders & Inspection Report of the experienced Firm |
| 4  | Financial Capacity                        | Financial Capacity should be provided by the last audited report or bank statements.                                                                                       | Attach supporting documents / Bank Statements                                                                        |
| 5  | Delivery Time Compliance                  | Must agree to serve the Contract within the stipulated period.                                                                                                             | Completion time must be clearly specified in the Biding documents                                                    |
| 6  | Bid Security                              | Bid security must be accompanied with call deposit @ <b>2 %</b> of the total value in the shape of Pay Order / Demand Draft in the name of Director Procurement of LUAWMS. | Must be attached with sealed bid.                                                                                    |
| 7  | Agreement with all the terms & conditions | Must unconditionally agree with all the instructions, terms & conditions specified in the bidding documents & contract agreement.                                          | Signature & company seal on every page of the bidding document.                                                      |

**BIDDER'S INFORMATION:** (To be filled-in by the Bidder)

1. Name of Company : \_\_\_\_\_  
\_\_\_\_\_

2. Complete Postal Address : \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

3. Tel No: \_\_\_\_\_ 4. Email address: \_\_\_\_\_

5. Fax No: \_\_\_\_\_ 6. Mobile No: \_\_\_\_\_

7. Authorized Representative's name & designation: \_\_\_\_\_

8. Type of Business:

- (1) Sole Proprietorship ☐ (2) Partnership ☐  
(3) Corporation (Private Ltd.) ☐ (4) Corporation (Public Ltd.) ☐

9. National Tax Number & Date of issuance: \_\_\_\_\_

10. Sales Tax Registration No. / BRA Registration No. \_\_\_\_\_

11. Bid Validity: \_\_\_\_\_ (Please specify in No. of Days)

12. Total Completion Time: \_\_\_\_\_ (In Days / Months, please specify)

## **Terms and Conditions**

### **1. DATE AND TIME OF RECEIPT OF TENDER:**

- Tender documents, duly completed in all respects, must be submitted online through the ePADS PPRA portal no later than **12:00 PM on 7<sup>th</sup> August 2026**. The tender process will follow the **Single Stage – Two Envelope Procedure**: one envelope shall contain the Technical Proposal, and the other shall contain the Financial Proposal.
- The tender must be uploaded to the ePADS PPRA online portal. Bids submitted by hand or through TCS will not be accepted.
- The Technical bids will be opened online publicly at **12:30 PM, on 7<sup>th</sup> August 2026** in the Conference Hall Admin Block, LUAWMS. Bidders or their authorized representatives may attend the opening.
- The Financial Proposals of technically qualified firms will be opened on the same day or later, with prior notification to the respective bidders.
- Technical evaluation will be conducted on the spot by the Evaluation Committee constituted by the Competent Authority.
- The bid security of technically disqualified bidders will be returned.
- Firms that meet the technical criteria may be requested to provide samples based on their proposals.
- Only technically qualified bidders will be considered for opening of **Financial Proposals**, for which the time, date, and venue will be communicated accordingly.
- Quantity may vary up to an extent of **15%** of quantities specified in the tender documents as per the requirement of LUAWMS.
- All bidders will be notified in writing of any amendments to the RFP/tender documents.
- All responses to this bid will become the property of **LUAWMS**.
- **LUAWMS** will not be responsible for any costs incurred in the preparation of proposals.
- The final award will be subject to the approval of submitted samples (if required) and the detailed specifications of the products, along with pictures.
- For any queries contact the Director Procurement Office LUAWMS, Telephone 0853-610914 during office hours.

### **2. MANDATORY REQUIREMENTS FOR TECHNICAL BIDS:**

- Business profile
- Experience
- Product details etc.

### **3. EVALUATION CRITERIA**

- Technical bids will be evaluated by LUAWMS's **Technical Committee** or **University Purchased Committee** based on Annexures **A and C**.

### **4. EARNEST MONEY/ BID SECURITY:**

- Financial Bids must be accompanied with Bid Security in the form of Bank Guarantee or Deposit at Call from a scheduled bank@ **2%** of total bid value favoring the Director Procurement of LUAWMS. (Cheques will not be accepted).
- Financial Proposals without earnest money will be rejected.
- Earnest money of unsuccessful bidders will be returned upon written request after the financial bid opening.

- In case of cancellation due to non-fulfillment of the supply order, the earnest money of the successful bidder will be forfeited.

## 5. **PRICES:**

- Tender must be quoted in **Pakastani Rupees (PKR)**, in both figures and words, as per Annexure B.
- No transportation or carriage charges will be entertained.
- Conditional bids will not be accepted.

## 6. **TAX LIABILITY:**

- Complete Tax Liability is to be borne by the Vendor.
- Quoted prices shall be inclusive of all applicable taxes.
- In case of any Tax exemptions certificate, from the concerned Tax Office / Regional Tax Office pertaining particularly to this case may be provided; otherwise, taxes shall be deducted as per Government Policy / Rules.

## 7. **PAYMENT PROCEDURE:**

- No advance payment will be made,
- Provision for partial payment does not exist in this tender; payment will be made after successful installation and commissioning of each **RFID/Biometric-Based Entrance Access Control System** and submission of a satisfactory report by the end user.
- Payment will be subject to applicable tax deductions as per government rules.

## 8. **RFID/BIOMETRIC-BASED ENTRANCE ACCESS CONTROL SYSTEM:**

- All the RFID/Biometric-Based Entrance Access Control System must be new, unused, and not refurbished.
- The RFID/Biometric-Based Entrance Access Control System must be procured through legal channels, with all government duties and taxes paid.
- Samples of pictures and detailed specifications of the items must be attached to the tender documents
- Since RFID/Biometric-Based Entrance Access Control System are package-wise rather than item-wise, the bids received from eligible bidders shall be evaluated by the Technical Member/Committee or by the Procurement Committee itself (if the required items are not technically complex).

## 9. **DELIVERY PERIOD:**

- Partial delivery is not allowed.
- Delivery and installation of items must be completed within the specified time after issuance of supply order.
- Supplier is responsible for safe delivery and installation of items at LUAWMS.
- Damaged or broken and repairable items will not be accepted and must be replaced at the supplier's expense.
- In case of late delivery, the supplier may be blacklisted, and late delivery penalty (Liquidated Damages) shall be imposed at the rate of **0.5%** (of the value of items delivered late) per week, up to a maximum of 10% of the Contract Value

**10. BID VALIDITY:**

- Validity of the bid would be at least **90 days** from the date of tender opening.
- Maximum completion time for the order is **30 days** from the date of supply order.

**11. AUTHORIZED DEALER:**

- If the bidder is an authorized dealer, a dealership certificate or proof of authorization from the manufacturer must be submitted.

**12. WARRANTY:**

- The warranty period for RFID/Biometric-Based Entrance Access Control System shall be **six (06) months**, subject to a satisfactory report issued by the end-user at the time of processing the bills submitted by the successful vendor.
- LUAWMS will retain **05% of the billed amount** as security for a period of **six (06) months**, i.e., until completion of the warranty period. The retained amount will be released upon receipt of a satisfactory report from the end use.

**13. PENALTY CLAUSE:**

- Delay in delivery shall incur the actual date of delivery.
  - ❖ **1 week delay:** 0.5% of total cost.
  - ❖ **2 weeks delay:** 1.0% of total cost.
  - ❖ **3 weeks delay:** 2.0% of total.
  - ❖ **4 weeks delay:** 4.0% of total.
  - ❖ **Beyond 4 weeks:** an additional **2%** per week (up to a maximum of **10%**).
- After **7 weeks**, the supply order will be canceled and the earnest money forfeited.

**14. INTEGRAL PART OF BID:**

- Annexure-A (Technical Proposal) must be filled, signed, and stamped by the bidder and submitted by the bidder in the technical envelopes.
- Annexure B (Financial Proposal) must be filled, signed, and stamped by the bidder and submitted in the financial envelope.

**15. DISQUALIFICATIONS:**

Offers will be rejected if:

- Financial bid lacks the required earnest money.
- The items are received after the specified deadline.
- Specifications are not followed as per the tender.
- GST/NTN certificates are missing.
- Substandard items are quoted.
- Items deviate from specifications and are delivered incorrectly.

**16. CERTIFICATION:**

- Copies of valid firm registration and other required documents must be provided.

**17. AFFIDAVIT:**

- An affidavit on legal stamp paper stating the bidder has not been blacklisted by any government/semi-government/autonomous organization must be submitted.

**18. LUAWMS RIGHTS:**

LUAWMS reserves the right to:

- Accept, reject, or cancel any or all tenders as per PPRA Rules.
- Accept a partial bid or increase/decrease of items quantities.
- Award the contract to one or multiple bidders.
- Require the successful bidder to sign a contract agreement on stamp paper at **0.25%** of the supply order value.

**19. CHECKLIST:**

| Sr. No. | Eligibility / Qualification Criteria                             | Proof to be attached |    |
|---------|------------------------------------------------------------------|----------------------|----|
|         |                                                                  | Yes                  | No |
| 1       | Company Profile                                                  |                      |    |
| 2       | Registration with Income Tax.                                    |                      |    |
| 3       | Registration with Sales Tax.                                     |                      |    |
| 4       | Bid Security @2% of total bid amount.                            |                      |    |
| 5       | Relevant experience with proof (orders/completion certificates). |                      |    |
| 6       | Financial Capacity (bank statements/Proof).                      |                      |    |
| 7       | Unconditional Agreement with all Terms & Conditions.             |                      |    |
| 8       | Not Blacklisted (Undertaking required)                           |                      |    |
| 9       | Complete proposal ( Annexures A, B, C filled and Attached)       |                      |    |
| 10      | Delivery Time Agreed                                             |                      |    |
| 11      | Signature & Company seal on all pages of the tender documents.   |                      |    |

**Note:**

Firms must mark 'Yes' on all criteria to be considered eligible. Any 'No' will render the bid ineligible.

## Annexure-B

### Bill of Quantities:

RFID / Biometric-Based Entrance Access Control System

Bidders must complete the Make/Model & Country of Origin, Warranty Offered and Compliance (Yes/No) columns for every line item and attach original manufacturer datasheets. Where a brand/model is named, "or equivalent meeting or exceeding the stated minimum specifications" applies. The full parameter-by-parameter requirements are in Annexure-C (below), which forms an integral part of this tender.

| S.No | IT Equipment                                   | Minimum Specifications (see Annexure-C for full detail)                                                                                                                                                                   | Units | Qty | Make / Model & Country | Warranty Offered | Compliance (Yes/No) |
|------|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-----|------------------------|------------------|---------------------|
| 01   | Tripod Turnstile Gates                         | Single-lane bi-directional tripod turnstile, SUS304 stainless steel, ≥500 mm lane width, ≥1 million MCBF, LED indication, automatic drop-arm fail-safe on power/fire-alarm (ref: ZKTeco TS2000 Plus /TS200 or equivalent) | Nos   | 05  |                        |                  |                     |
| 02   | Accessories (mounting + touchless exit)        | Metal box with adjustable rod to mount facial device on turnstile + touchless (no-touch) exit button (ref: TLEB102 or equivalent)                                                                                         | Nos   | 05  |                        |                  |                     |
| 03   | Biometric Terminal (Face / Fingerprint / RFID) | Face + fingerprint + RFID + password terminal, ≥6000 faces, ≥5000 fingerprints, anti-spoofing, TCP/IP + Wiegand/RS485 (ref: ZKTeco SenseFace 4A or equivalent)                                                            | Nos   | 05  |                        |                  |                     |
| 04   | Centralized Software                           | Web-based access-control & attendance platform, ≥15 doors / ≥3000 users, perpetual (non-subscription) licence, reporting, multi-admin, export/API (ref: ZKBio CVAccess or equivalent)                                     | Nos   | 01  |                        |                  |                     |
| 05   | UPS 1.5 KVA                                    | Pure sine wave, ≥1.5 KVA, external-battery support, sized for the specified backup duration (Inverex or Equivalent)                                                                                                       | Nos   | 03  |                        |                  |                     |
| 06   | 12V LiFePO4 Lithium (100Ah)                    | 12.8 V LiFePO4 battery, ≥100 Ah, integrated BMS, ≥2000 cycles (Inverex or Equivalent)                                                                                                                                     | Nos   | 03  |                        |                  |                     |
| 07   | Surge / Lightning Protection                   | Surge protection devices on power and network lines                                                                                                                                                                       | Nos   | 03  |                        |                  |                     |
| 08   | Civil Work                                     | Foundation/plinth, trenching, conduit                                                                                                                                                                                     | Task  | 03  |                        |                  |                     |

| S.No | IT Equipment                              | Minimum Specifications (see Annexure-C for full detail)        | Units | Qty | Make / Model & Country | Warranty Offered | ompliance (Yes/No) |
|------|-------------------------------------------|----------------------------------------------------------------|-------|-----|------------------------|------------------|--------------------|
| 09   | Electrical Work                           | Cabling from DB, UPS integration, earthing, circuit protection | Task  | 03  |                        |                  |                    |
| 10   | Networking                                | Network cabling (Cat6+), proper ducting, termination & testing | Task  | 03  |                        |                  |                    |
| 11   | Installation, Commissioning & Integration | Full system integration, end-to-end testing & acceptance       | Task  | 01  |                        |                  |                    |

Units: Nos = numbers; Task = complete activity. Quantities marked are to be fixed by the procuring agency before publication. Quantities shown are indicative and may be adjusted before award.

### Detailed Technical Specifications & Compliance Sheets:

This annexure states the minimum acceptable technical requirements for each item in Annexure-A. For every parameter the bidder must enter the exact specification offered and mark **"Y" (complies) or "N"**. Any **"N"**, **any blank**, or any offered value poorer than the stated minimum may render the bid technically non-responsive for that item. Original manufacturer datasheets supporting every entry must be attached. Reference models indicate the required class and quality only; "or equivalent meeting or exceeding every minimum requirement below" applies throughout, and the onus is on the bidder to prove equivalence with documentary evidence.

#### Item 1 — Tripod Turnstile Gates (Qty: 5)

| 1. Tripod Turnstile Gate                                    |                                                                                                                         |                       |     |
|-------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|-----------------------|-----|
| Reference class: ZKTeco TS2000 Plus / TS 200 or equivalent. |                                                                                                                         |                       |     |
| Parameter                                                   | Minimum Requirement                                                                                                     | Bidder's Offered Spec | Y/N |
| <b>Type</b>                                                 | Single-lane bi-directional tripod turnstile, rotating (three-arm) barrier                                               |                       |     |
| <b>Cabinet &amp; barrier material</b>                       | SUS304 stainless steel cabinet, lid and arms (minimum)                                                                  |                       |     |
| <b>Lane / passage width</b>                                 | Minimum 500 mm clear passage width                                                                                      |                       |     |
| <b>Direction control</b>                                    | Bi-directional; entry and exit independently configurable                                                               |                       |     |
| <b>Durability (MCBF)</b>                                    | Minimum 1,000,000 mean cycles between failures                                                                          |                       |     |
| <b>Emergency / fail-safe</b>                                | Automatic drop-arm (arm drops/unlocks) on power failure AND on fire-alarm signal, for free emergency egress — MANDATORY |                       |     |

| 1. Tripod Turnstile Gate               |                                                                                      |  |  |
|----------------------------------------|--------------------------------------------------------------------------------------|--|--|
| <b>Indication</b>                      | LED directional pictograms (pass / no-pass) both sides                               |  |  |
| <b>Reader integration</b>              | Top platform to house RFID + fingerprint/face reader; Wiegand and/or RS485 interface |  |  |
| <b>Exit / REX</b>                      | Support for exit button (request-to-exit) and/or reader-controlled exit              |  |  |
| <b>Anti-tailgating / anti-passback</b> | Mechanical anti-tailgating; anti-passback via controller/terminal                    |  |  |
| <b>Throughput</b>                      | Minimum 25 persons/min in card/face mode                                             |  |  |
| <b>Power</b>                           | AC 200–240 V, 50/60 Hz; ≤ 100 W operating                                            |  |  |
| <b>Environment</b>                     | Indoor/sheltered; ≥ 0 °C–50 °C; 5–80% RH                                             |  |  |
| <b>Mounting</b>                        | Floor-mounted with anchor bolts; template and fixings supplied                       |  |  |
| <b>Warranty</b>                        | Minimum 01 year on mechanism                                                         |  |  |

#### Item 2 — Mounting Kit & Touchless Exit (Qty: 5)

| 2. Facial-Device Mounting Kit + Touchless Exit Button                                          |                                                                                          |                       |     |
|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-----------------------|-----|
| Reference class: ZKTeco metal box with adjustable rod + TLEB102 touchless exit, or equivalent. |                                                                                          |                       |     |
| Parameter                                                                                      | Minimum Requirement                                                                      | Bidder's Offered Spec | Y/N |
| <b>Mounting box &amp; rod</b>                                                                  | Metal enclosure with height-adjustable rod to mount the facial terminal on the turnstile |                       |     |
| <b>Compatibility</b>                                                                           | Must fit the offered turnstile (Item 1) and hold the offered terminal (Item 3)           |                       |     |
| <b>Touchless exit button</b>                                                                   | No-touch (IR/proximity) exit button; activation ≈ 5–15 cm                                |                       |     |
| <b>Contacts</b>                                                                                | NO/NC dry-contact output compatible with turnstile/controller                            |                       |     |

## 2. Facial-Device Mounting Kit + Touchless Exit Button

|                   |                                                |  |  |
|-------------------|------------------------------------------------|--|--|
| <b>Material</b>   | Metal or high-grade ABS; continuous public use |  |  |
| <b>Indication</b> | Visual (LED) feedback on activation            |  |  |
| <b>Wiring</b>     | All brackets, screws and cabling included      |  |  |
| <b>Warranty</b>   | Minimum 01 year                                |  |  |

### Item 3 — Biometric Terminal (Qty: 5)

## 3. Multi-Biometric Face + Fingerprint + RFID Terminal

Reference class: ZKTeco SenseFace 4A or equivalent.

| Parameter                   | Minimum Requirement                                                    | Bidder's Offered Spec | Y/N |
|-----------------------------|------------------------------------------------------------------------|-----------------------|-----|
| <b>Authentication</b>       | Face + Fingerprint + RFID card + Password (all four)                   |                       |     |
| <b>Face capacity</b>        | Minimum 6,000 face templates                                           |                       |     |
| <b>Fingerprint capacity</b> | Minimum 5,000 fingerprint templates                                    |                       |     |
| <b>Card capacity</b>        | Minimum 10,000 cards                                                   |                       |     |
| <b>Event storage</b>        | Minimum 100,000 records                                                |                       |     |
| <b>Facial distance</b>      | Touchless $\approx$ 0.3 m to 2 m                                       |                       |     |
| <b>Verification speed</b>   | Facial $\leq$ 0.5 s; fingerprint $\leq$ 0.5 s                          |                       |     |
| <b>Accuracy</b>             | Facial FAR $\leq$ 0.01%; fingerprint FAR $\leq$ 0.001%                 |                       |     |
| <b>Anti-spoofing</b>        | Against photo/video attacks (dual visible + IR or 3D/structured light) |                       |     |
| <b>Display</b>              | Minimum 4-inch colour touch/IPS screen                                 |                       |     |
| <b>Card type</b>            | 125 kHz (EM) standard; 13.56 MHz (MIFARE) supported/optional           |                       |     |
| <b>Communication</b>        | TCP/IP (mandatory); RS485; Wiegand in/out; USB; Wi-Fi optional         |                       |     |

| 3. Multi-Biometric Face + Fingerprint + RFID Terminal |                                                                                               |  |  |
|-------------------------------------------------------|-----------------------------------------------------------------------------------------------|--|--|
| <b>Access I/O</b>                                     | Electric-lock output, door sensor, exit button, aux input, 12 V output                        |  |  |
| <b>Protection</b>                                     | IP65 recommended for the reader unit                                                          |  |  |
| <b>Software</b>                                       | Fully compatible with Item 5 software; access control + time-&-attendance                     |  |  |
| <b>Turnstile control</b>                              | Must be able to drive the turnstile lock directly, OR via the Item 4 controller — state which |  |  |
| <b>Data protection</b>                                | Biometric data stored only on agency system; encrypted export; privacy-law compliant          |  |  |
| <b>Power</b>                                          | 12 V DC (adapter included) or PoE                                                             |  |  |
| <b>Warranty</b>                                       | Minimum [[01]] year                                                                           |  |  |

#### Item 4 — Centralized Software (Qty: 1)

| 4. Centralized Access-Control & Attendance Software |                                                                                                                             |                       |     |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|-----------------------|-----|
| Reference class: ZKBio CVAccess or equivalent.      |                                                                                                                             |                       |     |
| Parameter                                           | Minimum Requirement                                                                                                         | Bidder's Offered Spec | Y/N |
| <b>Architecture</b>                                 | Web-based / server platform, browser-accessible on LAN; multi-user                                                          |                       |     |
| <b>Door capacity</b>                                | Minimum 15 doors/access points, expandable                                                                                  |                       |     |
| <b>Personnel capacity</b>                           | Minimum 3,000 personnel (5,000 preferred), expandable                                                                       |                       |     |
| <b>Licence type</b>                                 | Perpetual / lifetime licence — NO recurring annual fee for the base system; state clearly what is perpetual vs subscription |                       |     |
| <b>Admin accounts</b>                               | Multiple administrators with role-based permissions                                                                         |                       |     |
| <b>Modules</b>                                      | Personnel, access control, time & attendance, system management                                                             |                       |     |

| 4. Centralized Access-Control & Attendance Software |                                                                                         |  |  |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------|--|--|
| <b>Access functions</b>                             | Access levels, time zones, anti-passback, interlock, linkage, multi-card                |  |  |
| <b>Attendance/reporting</b>                         | Shift scheduling, statistics, custom reports, scheduled auto-email, export to Excel/PDF |  |  |
| <b>Monitoring</b>                                   | Live door status, alarms, event log, E-map                                              |  |  |
| <b>Integration/API</b>                              | Documented API/SDK for future HR/payroll integration — state availability               |  |  |
| <b>Device support</b>                               | Supports all offered terminals and controllers                                          |  |  |
| <b>Data/backup</b>                                  | Database backup & restore; audit trail                                                  |  |  |
| <b>Updates &amp; support</b>                        | Minimum [1] year free updates and technical support                                     |  |  |
| <b>Warranty</b>                                     | Minimum [1] year                                                                        |  |  |

#### Item 5 — UPS 1.5 KVA (Qty: 3)

| 5. Uninterruptible Power Supply (UPS)         |                                                                             |                       |     |
|-----------------------------------------------|-----------------------------------------------------------------------------|-----------------------|-----|
| Pure sine wave, 1.5 KVA class, or equivalent. |                                                                             |                       |     |
| Parameter                                     | Minimum Requirement                                                         | Bidder's Offered Spec | Y/N |
| <b>Type</b>                                   | Line-interactive or online UPS, pure sine-wave output                       |                       |     |
| <b>Capacity</b>                               | Minimum 1.5 KVA                                                             |                       |     |
| <b>Output waveform</b>                        | Pure sine wave (MANDATORY for turnstile motors/electronics)                 |                       |     |
| <b>Input range</b>                            | Wide input window for local mains ( $\approx 140\text{--}290\text{ V AC}$ ) |                       |     |
| <b>Output</b>                                 | 220–240 V AC, 50 Hz                                                         |                       |     |

| 5. Uninterruptible Power Supply (UPS) |                                                                                                           |  |  |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------|--|--|
| <b>Battery interface</b>              | Compatible with the offered LiFePO4 batteries (Item 9); external-battery support                          |  |  |
| <b>Backup time</b>                    | Sustain the connected load (turnstile + terminal + network) for minimum minutes/hours [AGENCY TO SPECIFY] |  |  |
| <b>Protection</b>                     | Overload, short-circuit, over/under-voltage, deep-discharge                                               |  |  |
| <b>Indication</b>                     | LED/LCD status; audible alarm on mains-fail / low battery                                                 |  |  |
| <b>Warranty</b>                       | Minimum [02] years                                                                                        |  |  |

**Item 6 — 12V LiFePO4 Battery, 100Ah (Qty: 3)**

| 6. 12 V LiFePO4 Lithium Battery (100 Ah)    |                                                                                                              |                       |     |
|---------------------------------------------|--------------------------------------------------------------------------------------------------------------|-----------------------|-----|
| LiFePO4 with integrated BMS, or equivalent. |                                                                                                              |                       |     |
| Parameter                                   | Minimum Requirement                                                                                          | Bidder's Offered Spec | Y/N |
| <b>Chemistry</b>                            | Lithium Iron Phosphate (LiFePO4 / LFP)                                                                       |                       |     |
| <b>Nominal voltage</b>                      | 12.8 V (12 V nominal)                                                                                        |                       |     |
| <b>Capacity</b>                             | Minimum 100 Ah                                                                                               |                       |     |
| <b>BMS</b>                                  | Integrated BMS: over-charge, over-discharge, over-current, short-circuit, temperature protection (MANDATORY) |                       |     |
| <b>Cycle life</b>                           | Minimum 2,000 cycles at 80% DoD                                                                              |                       |     |
| <b>Compatibility</b>                        | Matches the offered UPS (Item 8) charging profile                                                            |                       |     |
| <b>Casing/safety</b>                        | Sealed, non-spillable; safe for indoor installation                                                          |                       |     |
| <b>Terminals</b>                            | Standard terminals; interconnect cabling included where required                                             |                       |     |
| <b>Warranty</b>                             | Minimum [5] years or manufacturer standard (whichever is greater)                                            |                       |     |

**Item 7 — Surge / Lightning Protection (Qty: as required)**

| 7. Surge / Lightning Protection        |
|----------------------------------------|
| Protection of power and network lines. |

| 7. Surge / Lightning Protection |                                                                            |                       |     |
|---------------------------------|----------------------------------------------------------------------------|-----------------------|-----|
| Parameter                       | Minimum Requirement                                                        | Bidder's Offered Spec | Y/N |
| <b>Power SPD</b>                | Surge protection device on the incoming/DB power line feeding the system   |                       |     |
| <b>Network SPD</b>              | Surge protection on network/data lines to outdoor or exposed devices       |                       |     |
| <b>Rating</b>                   | Appropriate clamping voltage and surge current rating for the installation |                       |     |
| <b>Earthing</b>                 | Proper earthing/grounding provided and tested                              |                       |     |
| <b>Warranty</b>                 | Minimum [1] year                                                           |                       |     |

#### Items 8-9-10-11 — Site Works, Integration & Commissioning

| Civil, Electrical, Networking, Integration & Commissioning |                                                                                                                      |                       |     |
|------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|-----------------------|-----|
| Complete turnkey works for a fully functional system.      |                                                                                                                      |                       |     |
| Parameter                                                  | Minimum Requirement                                                                                                  | Bidder's Offered Spec | Y/N |
| <b>Civil work</b>                                          | Foundation/plinth for each turnstile, trenching, conduit, making good                                                |                       |     |
| <b>Electrical work</b>                                     | Power cabling from nearest DB to each gate, UPS integration, earthing, circuit protection, cable management          |                       |     |
| <b>Networking</b>                                          | Cat6+ cabling from each device to switch/server, ducting, termination, labelling, testing                            |                       |     |
| <b>System integration</b>                                  | Integrate all gates, terminals, controllers and exit buttons with the software; configure access levels & attendance |                       |     |
| <b>Testing &amp; commissioning</b>                         | End-to-end functional test of every gate both directions; acceptance test with agency                                |                       |     |

### **DECLARATION BY THE BIDDER**

I solemnly undertake that:

- a. Having read, understood & made myself aware of all the Terms & conditions mentioned in this Bidding Document & the Rules, Regulations & Policies of the PPRA, governing the procurement & financial matters, **AGREE, ACCEPT & UNDERTAKE TO ABIDE BY THE SAME.**
- b. The information provided in this form is correct to the best of my knowledge & in the event of change; details will be provided as soon as possible

Name & Designation \_\_\_\_\_

Signature \_\_\_\_\_ Date \_\_\_\_\_

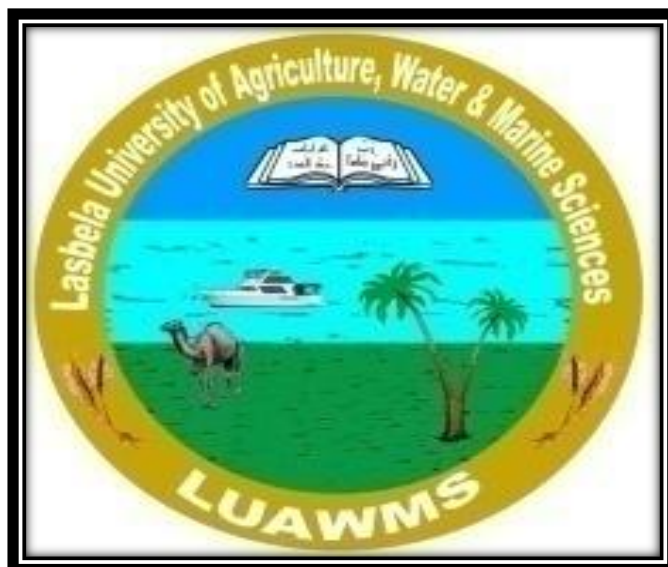
Company stamp.

## **TENDER DOCUMENTS**

### **FINANCIAL BIDs**

#### **Procurement, Installation, and Commissioning of an RFID/Biometric-Based Entrance Access Control System for the Students' Hostels at LUAWMS**

### **PROCUREMENT SECTION**



**This RFP Form issued to**

**M/s** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**(Tender Fee Rs. 2000/= non-refundable)**

|                                                               |                                                  |
|---------------------------------------------------------------|--------------------------------------------------|
| <b>Last date for issuance of tender documents:</b>            | <b>7<sup>th</sup> August 2026</b>                |
| <b>Last date for submission of complete tender documents:</b> | <b>At 12:00 PM on 7<sup>th</sup> August 2026</b> |
| <b>Date for opening of tender:</b>                            | <b>At 12:30 PM on 7<sup>th</sup> August 2026</b> |

**OFFICE OF THE DIRECTOR OF PROCUREMENT**

**LASBELA UNIVERSITY OF AGRICULTURE, WATER AND MARINE SCIENCES**  
**(LUAWMS) UTHAL BALOCHISTAN**

**BIDDER'S INFORMATION:** (To be filled-in by the Bidder)

1. Name of Company : \_\_\_\_\_  
\_\_\_\_\_
2. Complete Postal Address : \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
3. Tel No: \_\_\_\_\_ 4. Email address: \_\_\_\_\_
5. Fax No: \_\_\_\_\_ 6. Mobile No: \_\_\_\_\_
7. Authorized Representative's name & designation: \_\_\_\_\_
8. Type of Business:  

|                                |                          |                               |                          |
|--------------------------------|--------------------------|-------------------------------|--------------------------|
| (1) Sole Proprietorship        | <input type="checkbox"/> | (2) Partnership               | <input type="checkbox"/> |
| (3) Corporation (Private Ltd.) | <input type="checkbox"/> | (4) Corporation (Public Ltd.) | <input type="checkbox"/> |
9. National Tax Number & Date of issuance: \_\_\_\_\_
10. Sales Tax Registration No. / BRA Registration No. \_\_\_\_\_
11. Bid Validity: \_\_\_\_\_ (Please specify in No. of Days)
12. Total Completion Time: \_\_\_\_\_ (In Days / Months, please specify)

## Annexure-B

| S.No                                | IT Equipment                                 | Qty  | Units | Unit Price | Total Price |
|-------------------------------------|----------------------------------------------|------|-------|------------|-------------|
| 01                                  | Tripod Turnstile Gates                       | Nos  | 05    |            |             |
| 02                                  | Accessories (Mounting + Touchless Exit)      | Nos  | 05    |            |             |
| 03                                  | Biometric Terminal (Fingerprint / Face RFID) | Nos  | 05    |            |             |
| 04                                  | Centralized Software                         | Nos  | 01    |            |             |
| 05                                  | UPS 1.5 KVA                                  | Nos  | 03    |            |             |
| 06                                  | 12V LiFePO4 Lithium (100Ah)                  | Nos  | 03    |            |             |
| 07                                  | Surge/ Lightning Protection                  | Nos  | 03    |            |             |
| 08                                  | Civil Work                                   | Task | 03    |            |             |
| 09                                  | Electrical Work                              | Task | 03    |            |             |
| 10                                  | Networking                                   | Task | 03    |            |             |
| 11                                  | Installation Commissioning & Integration     | Task | 01    |            |             |
| <b>Total Amount Exclusive Taxes</b> |                                              |      |       |            |             |
| <b>Taxes</b>                        |                                              |      |       |            |             |
| <b>Total Amount Inclusive Taxes</b> |                                              |      |       |            |             |

**Rupees:-**

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1. The portion of Financial Proposal of this bidding document duly filled, supported with Bidder's covering Letter be attached as the Financial Proposal of the bidder
2. Following information should be attached/contained in the Financial proposal :-
  - a. Original Bid Security
  - b. Original Performance Security (If required by the LUAWMS)
  - c. The Financial Bid on the bidders letter head in the following format:

| S. No. | Item Name / Brand | Unit | Quantity | Unit Price | Total Price |
|--------|-------------------|------|----------|------------|-------------|
| 1      |                   |      |          |            |             |
| 2      |                   |      |          |            |             |
| 3      |                   |      |          |            |             |
| 4      |                   |      |          |            |             |
| 5      |                   |      |          |            |             |

3. Serial Numbers of items must be quoted as mentioned in the "Bidding Document" (in-case of difference in serial numbers between "Bidding Documents" and "Financial Bid" the bid may qualify for rejection.
4. No technical details or specifications may be mentioned in the financial bid. In case multiple offers are quoted against a single items each items shall be distinguished as Option #a, # b, #c, etc., against the respective serial number.
5. Offer must be quoted on TCA (Total Cost of Acquisition) basis at the risk & cost of the bidder. This means:
  - i. ALL costs (including duties, taxes & other Govt. payables) incurred up-to delivery at the designated location at LUAWMS.
  - ii. Loading, unloading and other labor charges.
  - iii. Complete services as required in the schedule of requirements of this bidding document.
6. Taxes must be included along with the price of each item
7. In case of any Tax exemptions, exemption certificate from the concerned Tax Office / Regional Tax Office pertaining particularly to this case may be provided; otherwise, taxes shall be deducted as per Government Policy / Rules
8. Every page of the Bid must be numbered, signed & stamped by the authorized representative.