

**BALUCHISTAN UNIVERSITY OF ENGINEERING AND
TECHNOLOGY, KHUZDAR**



REQUEST FOR PROPOSAL

for

**Procurement of a Ready-to-Use Outcome-Based Education
(OBE) Learning Management System (LMS) on a SaaS Model**

Contents

- 1. Invitation for Bids3
- 2. PREPARATION OF PROPOSAL4
- 3. SUBMISSION OF PROPOSALS5
- 4. PROPOSAL EVALUATION6
- 5. AWARD OF CONTRACT8
- 6. SCOPE OF SERVICE9

1. Invitation for Bids

Balochistan University of Engineering & Technology, Khuzdar invites sealed bids from Manufacturers or their authorized dealers for Procurement of a Ready-to-Use Outcome-Based Education (OBE) Learning Management System (LMS) on a SaaS Model.

- **Eligibility:** Participating firms must be registered with Securities and Exchange Commission of Pakistan (SECP) with minimum 08 years' experience
- **Method of Procurement:** Single Stage – Two Envelop Procedure
- **Bid Submission:** Not later than February 26, 2025 (Wednesday) Time: 02:00 PM
- **Bid Opening:** February 26, 2025 (Wednesday) Time: 03:00 PM
- **Validity:** 90 Days from last date of submission
- **Time Duration:** Implementation in two (02) weeks
- **Mode of submission:** Through courier or in person
- **Submission Address:** Treasurer Office, BUET Khuzdar

In case of any holiday or unforeseen situation, the bids shall be opened on the next working day as per schedule. The place of submission, inquiries and opening will be at the Conference Hall, Balochistan University of Engineering & Technology, Khuzdar.

Under the following conditions, bid will be rejected:

- Conditional bids
- Bids received after the specified date and time
- Black listed firms
- Bid is not Properly Signed & Stamped
- Firms not complying with eligibility criteria

TREASURER BUET, KHUZDAR

2. PREPARATION OF PROPOSAL

You are requested to submit a technical and a financial proposal. Your proposal shall be written in English language.

Technical Proposal:

In preparing the technical proposal, you are expected to examine all terms and instructions included in this document. Failure to provide all requested information shall be at your own risk and result in rejection of your proposal.

During preparation of the technical proposal, you must give particular attention to the following:

- Subcontracting part of the Assignment to other consultants is not allowed.

Your technical proposal shall provide the following and any additional information if required

- Summary of similar assignments of HEI's completed in last Ten years /ongoing
- An activity plan for implementation and training

Mandatory Documents to be attached with Technical Proposal are as under,

- Certificate of registration with SECP.
- Documents to substantiate the forming of JV/Association as per guidelines of the governing body (SECP), if applicable.
- National Tax Number
- Audited Statements of Accounts for the last one year.
- A certificate / affidavit that the firm has not been blacklisted or debarred by any Government / Autonomous / International Body.

Financial Proposal

The financial proposal should include all the costs associated with the Assignment.

- Costs should be quoted on annualized basis and expressed in Pakistani Rupees (PKR) inclusive of all taxes
- All the prevailing applicable Provincial and federal Govt. taxes will be deducted. The proposal should be submitted inclusive of all prevailing taxes.

3. SUBMISSION OF PROPOSALS

The firm shall submit one original technical proposal and one original financial proposal along with one copy of each. The proposal shall be in binding form and properly page numbered. Each proposal shall be in a separate envelope indicating original or copy, as appropriate. All technical proposals shall be placed in an envelope clearly marked "Technical Proposal" and the financial proposals in the one marked "Financial Proposal". These two envelopes, in turn, shall be sealed in an outer envelope bearing the address and relevant information. The envelope shall be clearly marked, "DO NOT OPEN, EXCEPT IN PRESENCE OF THE EVALUATION COMMITTEE."

In the event of any discrepancy between the copies of the proposal, the original shall govern. The original technical and financial proposals shall be signed by the authorized representative. The representative's authorization shall be confirmed by a written power of attorney accompanying the proposals. All pages of the technical and financial proposals shall be initialed by the person or persons signing the proposal.

The proposal shall contain no interlineation or overwriting except as necessary to correct errors. Any such corrections shall be initialed by the person or persons signing the proposal.

In case of sudden holiday on bid opening day, bid will be opened on next working day.

4. PROPOSAL EVALUATION

The PPRA rule 36 (b) Single Stage Two Envelopes procedure shall be adopted in ranking of the proposals. Firms shall be ranked using combined technical & financial scores.

Technical Proposal

The evaluation committee appointed by the BUETK shall carry out its evaluation, applying the evaluation criteria and point system specified in the below table.

S. #	Criteria	Weightage
1	<p>Experience of the Firm /JV, Max. 10 Similar Projects</p> <p>Provision of Outcome Based LMS to HEIs. Five (05) points for each HEI. Copy of contract / Work order / Payment instrument or any other equivalent document may be provided as evidence</p>	50 Points
2	<p>Presentation</p> <p>A virtual or in person presentation of required software which demonstrates features of the proposed software to meet client requirements. Evaluation Committee will use following points criteria for award of points</p> <ul style="list-style-type: none"> • Clarity & Effectiveness of Communication (10 points) • Relevance to University Needs & Accreditation Compliance (10 points) • Product Demonstration & Usability (10 points) • Customization, Scalability & Technical Strength (10 points) • Engagement, Q&A Handling & Overall Impact (10 points) 	50 Points
	Total	100 Points

Technically qualifying marks are 70 %. So, the firms obtaining 70 % & above marks in technical evaluation will be called for financial proposal opening only, whereas the financial proposals of the firms obtaining less marks than 70 % (in technical proposal) will be returned unopened.

Financial Proposal

The financial proposals of the technically qualified consulting firms will be opened after technical evaluation. The total cost and major components of each proposal shall be publicly announced to the attending representatives of the firms. Evaluation Committee will evaluate financial proposals of the technically qualified firms. The date & time for opening of financial proposals of the firms will be intimated later on.

5. AWARD OF CONTRACT

The contract shall be awarded to the selected firm after approval by the competent authority. Upon completion of selection of firm for this assignment, BUETK shall promptly inform the other bidders that their proposals have not been selected.

The selected firm is expected to commence the Assignment on the date to be agreed during contract stage.

6. SCOPE OF SERVICE

Following is the scope of services needed under this RFP.

Service Delivery Model

- Firm/JV will provide the system as a Software-as-a-Service (SaaS) solution, ensuring cloud-based accessibility and scalability.

Deliverable / Package Inclusions

- Access to OBE LMS on a SaaS model, including all relevant modules and features.
- Customer support through a dedicated focal person from client side during working hours (Pakistan).

Minimum required Features Set

- **Role-Based Access Control:** Create and manage multiple user roles with customized permissions, including but not limited to Administrators, Campus Managers, Heads of Departments, Faculty, Trainers, Lab Assistants, Technical Mentors, and Students.
- **Program & Course Management:** Configure and manage academic structures such as departments, programs, batches, courses, and classrooms as per institutional requirements.
- **Instructor & Staff Assignment:** Assign instructors, technical mentors, lab assistants, and other teaching staff to respective courses and classrooms.
- **Course Material Management:** Upload, create, and manage course outlines, learning objectives, and associated learning materials, including PowerPoint presentations, PDFs, Word files, videos, and assessments/quizzes.
- **Learning Outcome Management:** Define and track Program Educational Objectives (PEOs), Program Learning Outcomes (PLOs), and Course Learning Outcomes (CLOs) at both program and course levels.
- **Teaching Plan & CLO Mapping:** Establish structured teaching plans with CLO mapping for

classrooms to align instructional activities with learning objectives.

- **Attendance Tracking:** Maintain a time-bound attendance system for each classroom with detailed reporting at the student and batch levels.
- **Reporting & Analytics:** Generate various academic reports, including mapping reports, learning outcomes reports, attendance summaries and OBE transcripts for comprehensive tracking of student performance.

Outcome-Based Capabilities

- **Comprehensive Outcome Mapping:** Define and align PEOs, PLOs, and CLOs with OBE standards for structured educational planning.
- **Multi-Version Bloom's Taxonomy Support:** Enable faculty to design assessments based on different versions of Bloom's Taxonomy, catering to various cognitive levels.
- **Continuous Quality Improvement (CQI) Cycle:** Automate feedback loops to analyze, refine, and enhance learning objectives over time.
- **Learning Analytics by Learning Types:** Provide data-driven insights based on different learning styles (visual, auditory, kinesthetic) to enhance student engagement.
- **Direct & Indirect Assessments:** Support structured evaluations through exams, quizzes, alumni feedback, employer surveys, and exit surveys for a holistic assessment of program effectiveness.
- **Real-Time Outcome Tracking & Evaluation:** Continuously monitor and evaluate student performance against CLOs, PLOs, and PEOs to identify improvement areas.
- **Automated Course File Compilation:** Auto-generate detailed course files, including assessments, teaching materials, and student progress reports for accreditation review.
- **Alumni & Employer Feedback Integration:** Collect and analyze alumni and employer feedback to measure the long-term impact of educational programs.
- **Outcome-Based Grading System:** Implement a competency-based grading mechanism that evaluates student performance in alignment with CLO achievements.
- **Dynamic Survey & Analytics:** Design and analyze custom surveys to assess alumni, student, and employer satisfaction, supporting continuous program improvement.
- **Rubric-Based Assessment:** Standardize student evaluations using automated rubric-based assessments, ensuring fairness and objectivity in outcome evaluations.

Operational Scale & Usage Requirements

Following are minimum present requirements for which financial proposal is required.

Parameters	Upper Limit
Campuses	01
Schools / Faculty	02
Departments	12
Faculty / Staff Accounts	120
Students Enrollment	2000
Programs	20
Batches	160
Courses	2000
Course Sections	5000
Storage Quota	10 GB