Foundation for Innovation and Technology Transfer
(FITT)

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Date: 29th November, 2023
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Notice Inviting Quotation

Project Name: **Implementation of Learning Management System (LMS) integrated with online training environment including Operation, AMC and Integration for AI Training Program**

Client : FITT, IIT Delhi

Objective: FITT, IIT Delhi invites proposals from experienced companies specializing in LMS solutions for education / training to establish a customised comprehensive platform for delivering an AI training program to approximately 1000 students.

Scope of Work:

The selected company is expected to perform the following tasks:

1. **LMS Implementation**:-

- Deploy a robust Learning Management System capable of accommodating 1000 students.
- Configure the system to host complete course content, slides, and resources for AI training.
- The LMS should be Make in India customized solution, with limited components of Free and Open Source solutions.
- Should be integrated with online lab environment - Google Colaboratory
- LMS Features:-

- Integration with user email, calendar and online meeting / class environment.
- LMS custom space available for each teacher and student.
- Ability to host SCORM capsules, Slides (ppt/pdf), Videos. Audio Files and e-books.
- Track, monitor progress of all students- be able to pull assessment scores from suitable assessment module, and pull attendance from online environment.

2. **Batches and Trainers Setup**:-

- Organize students IDs into batches of approximately 100 each for effective management.
- Configure user roles and permissions for 10 trainers facilitating the program.
- Configure 5 supervisor accounts giving access to each of the 10 Trainer sessions and material.

3. **Monitoring, Delivery, and Assessment**:-

- Enable functionalities for monitoring student progress and engagement.
- Implement assessment tools and tracking mechanisms for evaluation.

4. **Online Training Environment**:-

- Deploy an established online training environment which can be easily accessed and integrated seamlessly with student email IDs.
- Integrate the online training environment with LMS solution.
- Features should include the following:-

  ● Auto attendance
  ● Online assessment with auto scoring
  ● Calendar and class scheduling by teachers and supervisors.
  ● Secure login and 2FA for admin/supervisors.

5. **Hands-on Practical Project Integration**:-

- Incorporate features facilitating hands-on practical projects, including labs within the LMS.

6. **Annual Maintenance Contract (AMC) and Operationalization**:-

- Provide a one-year 24x7 AMC covering technical support, updates, and maintenance.
- Assist in the operationalization of the LMS and ensure smooth functioning.
- Availability of dedicated Point of Contact and escalation ladder for ensuring timely rectification of faults.
- All faults to be rectified within 2 hrs of initial reporting, failing which Liquidated Damages of 0.05% of AMC Cost will be levied, subject to a maximum of 10%.
- 24x7 AMC for a period of one year will also be provided for Hardware installed at Center of Excellence (CoE) which includes 30 Laptops, 02 Display Devices, Internet Connection and Router.

7. **Backend ERP Integration for Administration**:-

- Integrate backend Enterprise Resource Planning (ERP) solution for administrative purposes. (SSDM Portal of MPSSDEGB).
- Vendor will be responsible to update the relevant portals and maintain complete records of enrolled students and trainers.

Eligibility Criteria for Companies:-

- Should have provided similar LMS solutions for education or training purposes.
- Previous MoU with govt agencies is preferable.
- Proof of Concept, Demo and Presentation (if above is not available).

Submission Requirements:-

Interested companies should submit their proposals by 06 Dec 2023. Proposals should include:-

- Company profile highlighting experience in LMS implementation for education/training.
- Detailed approach and methodology for setting up the LMS as per project requirements.
- Proposed timeline and milestones for implementation.
- Cost breakdown covering each of the above requirements including setup, AMC, and operationalization.
- References from previous LMS implementations in educational or training contexts.

Evaluation Criteria:-

Proposals will be evaluated based on the following : -

- Experience and expertise in providing LMS solutions for education/training.
- Clarity and feasibility of the proposed approach and methodology.
- Alignment with project objectives and requirements.
- Cost-effectiveness and value for the proposed services.

Payment Terms and Timelines:-

Milestone 1 : To be achieved on or before 20 Dec 2023   - 60% Payment post signing of contract on completion the following: -

- Demonstrated readiness of LMS Platform before course commencement.
- Course Content with details of each module, labs, and assessment tests loaded for first Two weeks of training program.
- Creation of Trainer, Supervisor and Student accounts.
- Successful completion of seven training sessions of any one batch.

Milestone 2 : To be achieved on or before 20 Mar 2024 - 30% Payment on pro-rata basis (per batch) on Successful Completion of the following :-

- Post monitoring assessment of students confirming successful completion of the training.
- Submission of Results of Training and Handing over of Training Certificates (virtual).
- On Acceptance of All Batches Training Completion report by PI - Balance 10% Payment
- Vendor will be responsible for submission of consolidated combined training report of all batches.

Pre-Bid Meeting:-

Pre-Bid meeting will be held at FITT, IIT Delhi on 01 Dec 2023 to clarify vendor queries and arrive at a common understanding. It is compulsory for all bidders to attend the pre-bid meeting, failing which their bids will not be accepted.

Terms & Conditions Details
Preparation of Bids: The offer/bid should be submitted in two bid systems (i.e.) Technical bid and financial bid. The technical bid should consist of all technical details

along with commercial terms and conditions. Financial bid should indicate item wise price for the items mentioned in the technical bid

Opening of the tender: The bid will be opened by a committee duly constituted for this purpose. The technical bid will be opened first and it will be examined by a technical committee (as per specification and requirement). The financial offer/bid will be opened only for the offer/bid which technically meets all requirements as per the specification.

Acceptance/ Rejection of bids: The Committee reserves the right to reject any or all offers without assigning any reason.

Two separate sealed envelopes to be submitted for technical and financial bid (cl early labelled as "technical bid" and "financial bid") respectively.

Last date of submitting the bids will be 6ᵗʰ December, 2023 before 5:00 pm to :

> Prof. Brejesh Lall
> Bharti School of Telecommunication
> IIT Delhi, Hauz Khas
> New Delhi, 110016
> Email: brejesh@ee.iitd.ac.in

Please quote prices for FOB New Delhi, inclusive of all taxes and duties.

Quote should be in Indian Rupees for agents of Indian manufacturers, or in foreign currency, for agents of foreign manufacturers, and needs to be valid for at least three months.

Attach all the technical literature and a list of similar installations done in India.

If the quote is being submitted by a representative of the manufacturer, a valid agency-ship or dealership certificate authorizing the agent to quote to IIT Delhi on behalf of the manufacturers should be enclosed. The principal and the vendor, both, are not allowed to quote for the same product.

Complete set of manuals for the operation of the equipment should be given.

Authorized dealer for the OEM must attach a Certificate of Authorization.
Please specify all of your terms and conditions clearly, including delivery period.

Authorized dealer for the OEM must attach a Certificate of Authorization.
 Mode of payment for purchases in foreign currency through wire transfer on delivery. Only bank charges within India are payable by FITT, IIT Delhi, all bank charges outside India are the responsibility of the seller. For purchases in INR, payment is on delivery.