

**MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY,
DABWALI ROAD, BATHINDA**

TENDER DOCUMENT

**TO PROVIDE "ONLINE PLATFORM AND OTHER LOGISTICS" TO ESTABLISH
ONLINE COURSES AT MRSPTU, BATHINDA**

Maharaja Ranjit Singh Punjab Technical University, Bathinda is a major centre of learning with huge potential for transforming University Campus into knowledge hub. MRSPTU is taking various initiatives to improve the quality and relevance of education with the help of advanced online learning system.

To develop and deliver online learning programmes and certifications, MRSPTU envisions to provide online training in emerging employable technologies and to provide services for augmenting the education in various domains to start online courses.

Project proposals along with technological, commercial and implementation aspects are invited on revenue sharing basis for providing technology, incubation management, online admission management, data base management, proctored examination management, marketing for students mobilization for enrolment, placement management, student care and grievance handling management.

I. Eligibility:

1. The University intends to implement the above in cooperation with firms having adequate expertise and experience in the field. Therefore, only qualified organizations having capabilities to manage end-to-end operations are encouraged to submit their proposals/applications.
2. Only those organizations/Firms who have successfully completed implementation of **such services** in totality (including creation of IT Infrastructure and Software, Student service infrastructure, Mobile learning platform etc.) for the Indian/Foreign Educational Institute/s in Online Education are eligible. (Note: Participating firm must supply relevant documents about eligibility of the participant)
3. Organizations that have the track record of managing a variety of online programs shall be preferred. Organization has to provide the service for all the courses that are going to be offered by MRSPTU as part of Online learning program and certifications.

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II. Function to be performed by the Firm:

1. To provide platform for all kind of support for online courses and required technical infrastructure, recording, storing, editing of recorded lectures, animation facilities etc.
2. Firm will be responsible for advertising, marketing and branding of courses, student mobilization for enrolment and incubation management in the University at their own.
3. To make delivery through learning analytics, Applicant will provide technologies like data visualisation, continuous evaluation of students and interaction analysis, so that a personalized path may be created for each student to learn on his/her pace.
4. Initially to provide one recording studio platform with effective quality in university campus and further more number of studios to be added with increase in number of online courses.
5. To provide other infrastructure (i.e. audio visual recording platform, physical & manual support, editing of lecture, animation facilities etc.) in university campus for successful implementation of the programmes.
6. To provide server/cloud of required capacity for data storage.
7. To develop systems and provide required technical infrastructure and platform.
8. To provide platform and other required infrastructure to conduct exams under camera supervision and for proctored examination.
9. To develop a platform to manage placement activities online.
10. To arrange live interaction of resource person with student as and when required.
11. The online platform would have free access to the enrolled students of MRSPTU and its constituent colleges.
12. To arrange platform for submission and evaluation of assignment, conduct of mid-term tests and final examination (MCQ or subjective) as applicable.
13. To provide unique platform for the University and the platform should not have been further acquired from any other firm.
14. The firm shall have to submit that no other University is using this unique platform.
15. While executing the programme, the firm will have to obey all rule, regulations, and directions of the University.


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16. The established studio, teaching aid and material prepared for this programme shall be sole property of MRSPTU and in any case the applicant shall not have any right to use it outside the university even after the agreement is over

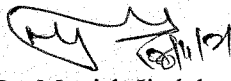
III. Technical proposal shall contain:

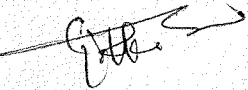
Detailed description of how the Firm will provide the required service requested, clearly articulating in detail as to how the technical solution given by the firm meets the requirement. Any additional service beyond the scope of this request for proposal may be included separately as distinct attachment to the proposal. It shall also contain,


- Overview of the proposed solution which meets the requirement of the University.
- Details of solution, technology and deployment architecture, Security, Network architecture.
- Escalation mechanism
- Project team structure, size and deployment plan, (including numbers)
- Reporting and Review Methods
- Operation and Maintenance
- Applicants experience in this area.


Dr. Rajesh Gupta
Prof., Deptt. of Mech. Engg.


Dr. Sandeep Kansal
Prof. Incharge (Purchase)


Dr. Munish Jindal
Asstt. Prof. Deptt. of Comp. Sci.


Smt. Gitika Sood,
Asstt. Registrar (Purchase)


Smt. Paramjit Kaur
Supdt. Gr-II (S&P)