ODISHA SPACE APPLICATIONS CENTRE (ORSAC)
Dept. of Science & Technology, Govt. of O d i s h a
Plot No.45/48(P), JayadevVihar, Near Gopabandhu Academy of Administration
Unit-16, Bhubaneswar-751 023

Advt. No. 3 /2023 Dt. 17/05/,2023
Notice for Inviting Expression of Interest (EOI)
on
"Application Development for Design, Develop, Deploy and Operate a Web and Mobile enabled e-Learning Platform"for Forest, Environment and Climate Change Department, Govt. of Odisha.

Odisha Space Applications Centre (ORSAC) invites Expression of Interest (EOI) from reputed, established and reliable System Integrators (SI) in connection with the development of **"Application Development for Design, Develop, Deploy and Operate a Web and Mobile enabled e-Learning Platform"** for Forest, Environment and Climate Change Department, Govt. of Odisha.

While the EOI responses may contain indicative commercially relevant information, it will not be construed to be a commercial bid. Eligible EOI bidders will be called for their presentation on proposed workflow/system solution fulfilling the objectives and scopes of the project.
Request for proposal (RFP) will be issued to all eligible EOI bidders.

The deadline for submission of the EOI bid is **17.30 Hrs. (IST) on 12th June 2023**.

Expression of Interest shall be submitted in two copies, one Original and other copy of the Original in sealed envelope clearly super scribing on top of envelope **"Expression of Interest (EOI) for Application Development for Design, Develop, Deploy and Operate a Web and Mobile enabled e-Learning Platform"** for Forest, Environment and Climate Change Department, Govt. of Odisha. Original EOI / Copy of the Original, Name of the Firm, EOI No., Bid Due Date & Time shall also be clearly written on the sealed envelope. Sealed envelope containing EOI shall be submitted at the following address:

Chief Executive,
Odisha Space Applications Centre,
Plot No: 45/48(P), Near Gopabandhu Academy of Administration,
JaydevVihar, Unit-16, Bhubaneswar, Odisha, India, PIN-751023.
Tel No: 0674-2300733, Fax No: 0674-2300681
Email: orsac.od@nic.in, Website: www.orsac.gov.in

Senior Scientist &
Administrative-cum-Accounts Officer

1. PROJECT BACKGROUND

Odisha Space Applications Centre (ORSAC) is the Nodal Agency of the State to implement and execute the project to operationalize a Web and Mobile Enabled E-learning platform for Odisha Forest Department. Odisha Forest Department Training Division conducts various kinds of training programs for its employees falling in different cadres like Forest Guard, Forester, Deputy Ranger, Forest Ranger and officers etc. for fresh onboarding and skill upliftment. At times, there are situations when officers are on the field and at remote locations and are unable to attend the training programs. Invaluable expertise is lost when experienced officers retire. There is no means to consolidate and preserve & reuse the invaluable institutional knowledge in the form of training, seminars etc. by SMEs.

2. OBJECTIVES:

The objective of OFDTD is to develop a rich and interactive Audio-Video Based Learning Management System (LMS) platform which acts as a single source of learning Audio-Visual corpus as a knowledge platform that can preserve any video like training Videos, meetings, broadcasts, events etc. Users can easily search and stream On-demand videos.

The primary objectives of this EOI are as follows:

Easy Access Over Internet

The Application should provide a platform for consolidating and institutionalizing organizational knowledge in a single Video Based platform.Users can access the application from anywhere using normal internet connections and accessible using Desktops or mobile devices. It can allow users to upload various other organizational event videos.
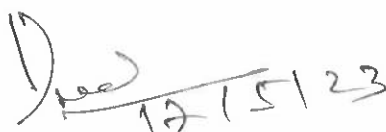
Multi-layer Security

Multilayer security with OTP and face verification.Secured video upload capability for tracking the uploader.

Online Meeting & Lecture Capture

Availability of Technical Literature along with Audio-Visuals and Provide social learning with discussion forums, questions & answers.Trainers can upload additional documents which trainees can view and download. Conduct webinars to geographically distributed teams. Also, trainers should be able to create different assignments, conduct tests for student's Topic/lecture wise.Provisioning efficient and easy conduction of live online training with a calendar view of scheduling different meetings and events for different teams can be onboarded and given training seamlessly from any geographical location with meeting recording features.The data in the platform should be able to retain historical data.

On Demand Video Library

On demand video library of training recordings (Live & Online), organized in different subject areas for easy access.Facilitate content level video search and seamless On Demand Video streaming at low internet bandwidth.

Performance Assessment and Improvement Planner

Assignments and Tests to track performance and 360-degree feedback system.

Admin Controls

Admin Users should be able to provision for adding users with different permission levels.Providing admin features to control the platform end to end-user management, **access** provisioning, authorization, course hierarchy creation, video level access control etc.

Reporting Dashboard

The platform should provide a Reporting Dashboard for tracking & monitoring adherence and various other matrices for measuring the effectiveness of training sessions, employee engagement, bi-directional feedback (Trainer - Trainee) etc.Dashboards should have drill down capabilities with various filter criteria.

3. ELIGIBILITY CRITERIA:

The Firms intend to participatein the EOIfor the"**Application Development for Design, Develop, Deploy and Operate a Web and Mobile enabled e-Learning Platform**"for Forest, Environment and Climate Change Department, Odishamust meet the following minimum General and Technical Eligibility criteria, failing which Firms will not qualify for the EOI. The General and Technical Eligibility Criteria of the Firms for bidding are strictly as under:

Sl. No	Eligibility Criteria	Desired Documents
	General Eligibility Criteria	
1	The bidding Firms must be Registered under Indian Companies Act/Partnership act.	Company Registration Certificate.
2	The Organizations should have at least ISO 27001:2013 certification on Information security and ISO 9001:2015 Quality Certification.	Valid ISO Information Security and Quality Certificate.
3	The Firm Should have a Physically Verifiable & Full-fledged Registered Business Office in Odisha.	Detail of Business Premise address, landline Telephone Number, Geo-tagged Photos, and necessary legal documents etc. are to be provided to prove its existence. If, the Bidders are not having Offices in Bhubaneswar, they should submitaffidavits to establish their local offices, if selected for this EOI and RFP.
4	Company /Companies should have a valid Odisha Registered GST Number (OGSTN).	OGSTN Details of Firm (OGSTN Registration Certificate) should be submitted. If, the Biddersare not having valid OGSTN, they should submit an affidavit to register under OGST, if selected for this EOI and RFP.
5	The Firms should not be under a declaration of ineligibility for corrupt and fraudulent practices nor should have been blacklisted by any Govt. or Govt. undertaking organizations at the time of submission of the bid.	Self-declaration certificate signed by the authorized signatory.
6	The Firm should have valid Provident Fund Registration Certificate.	Copy of Provident Fund Registration Certificate along with

Sl. No	Eligibility Criteria	Desired Documents
		copy of latest Provident Fund Return Certificate.
7	The Firm/Firms should have valid ESI Registration Certificate or Employee Group Insurance Certificate as Applicable.	The bidding organizations must submit copy of their ESI Registration along with copies of last Annual Return.
8	Consortium Bidis Allowed. There shall be a main Bidder, called as Prime Bidder, who shall be responsible for the delivery of all the components of the Project. The Prime Bidder will sign all the legal documents on behalf of the Consortium Bidder with ORSAC.	The Prime Bidder shall provide the list of all the Bidders participating in the Project and their legal binding document to CE, ORSAC for the Project Period (including the warranty). The Component of work to be carried out by the Bidders in the Consortium.
9	The bidders should not have been blacklisted / banned by any Central / State Government (Central / State Government and Public Sector) and any Court of Law or under a declaration of ineligibility for corrupt or fraudulent practices as on date of Bid Submission.	Affidavit to this effect, as per the format given.
Financial Capability		
10	The Bidder / the PrimeBidding organization must have Annual Average Turnover of Rs. 20.0 Crore (Rupees Twenty Crore only) last three financial years. (FY 2020-21, 2021-22& 2022-23). The financial statement should reflect turnover.	Copies of audited Balance Sheet, Profit & Loss account and Auditor Certified Turnover statement indicating revenue for last 3 years must be enclosed as supporting.
11	Company / Companies in Consortium should have a positive net-worth for the last 3 financial years.	Certificate from CA.
12	The bidding organization must submit the EOI Fee of Rs. 1000/-in form of Demand Draft drawn in favor of Chief Executive, ORSAC.	Original bank draft in favor of ORSAC towards cost of the Web Downloadable EOI Document from ORSAC Website / Govt. of Odisha Portal.
Technical Eligibility Criteria		
13	The Prospective Bidder / Prime Bidder of the Consortium Biding shall submit following Project Completion Certificates for the following components i. E learning platform for any govt	Completion certificates from each listed component. The list of the URLs of the live Geo-Portals are to be supplied with Guest User and Password. The list of the mobile
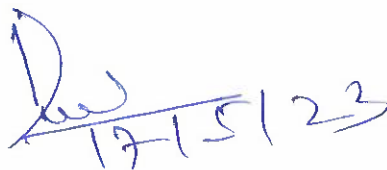
Sl. No	Eligibility Criteria	Desired Documents
	departments with live class and video streaming feature. ii. Creation of web application and mobile application for any forest departments throughout India. iii. Creation of Web GIS/ MISapplication and mobile application for any government departments throughout India.	Apps (Android & iOS) is to be submitted. Copies of Work Orders / Agreement / Completion Certificate / Work In progress certification. In case if it is WIP, same need to be notarized by competent authorities.
14	The Prospective Bidder / Prime Bidder of the Consortium Biding shall submit an affidavit to work in a collaborative mode with ORSAC for the creation of E Learning Portal to make it a self-sustainable platform after expiry of the warranty / AMC.	Affidavit in a non-judicial stamp paper by the Highest Authority.
15	Possessing Minimum 10 Numbers of experts in IT& Geoinformatics profession (4-Web Technology, 4-DBA, 2- Mobile Application) on regular payroll, valid EPF and ESI Numbers / Group Insurance Certificate.	Name & EPF Details with Latest EPF certificate is to be provided.
16	The bidder shall submit the latest updated CV of overall Project lead and Technical leads from each work component with their mobile numbers.	Submission of latest updated ink signed CVs of overall Project Lead and Technical Leads.

4. INFORMATION FOR THE BIDDERS:

- The Prospective Bidder / Prime Bidder in case of Consortium Bid shall submit the bid after going through in detail the scopes of the work components and eligibility criteria. The bidders shall sign a copy of the EOI with the official stamp signifying that they have went through in detail and submitting the bid with full understanding of the work components and deliverables intended under the Project.

- There will be a Pre-Bid video-conferencing based on the inputs received from the prospective bidders vide emailonly. After pre-bid video-conferencing, the clarification will be issued through ORSAC web-site.

- The prospective bidder shall submit all the document required under general, financial and technical eligibility criterial to be eligible for the EOI. The documents shall be indexed properly for easy retrieval during evaluation by the Committee.

- The Prospective Bidders shall submit the methodology of the component of the work, which will be evaluated by the Technical Committee. Flow diagram will be preferred.

- The prospective Bidders shall submit component wise time schedule in tabular format, specifying the work sub-components and man-days required to complete it, target date of completion (say X date is the starting date of the Project) and confidence level in percentage to complete the sub-components within the targeted date of completion.

- Hardware requirement for the development environment as well as production environment in terms of no of Servers with the detail configuration like no of Cores, RAM, HDD requirement in terms of SSD & SAS, etc., allotment of servers to the tasks, requirement of storage and its sizing, Software requirements (taking the declaration that E Learning Portal will be built on LINUX Environment), Network & Bandwidth requirement and Cloud Infra sizing for the DR site of the platform. The Bidders have to submit the hardware requirement in detail with the approximate cost.

- Separate RFP will be circulated among the eligible Bidders selected from EOI for selection of a Bidder/Consortium Bidder for the job.
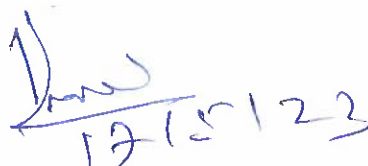
5. EOI SCHEDULE:

Following schedule will be followed for EOI and RFP:

- Open invitation for EOI is being issued to invite all prospective bidder(s)

- Interested bidders should submit their EOI bids along with credentials, proposed workflow/system and other details.

- ORSAC will invite eligible bidders for presentation of proposed workflow/system/justifications for the estimated indicative Price under each component of the Project.

- RFP will be prepared and issued to the eligible bidders of the EOI.

Tentative schedule of activities:

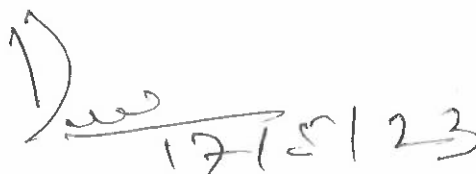| Activity	Date
Issue of EOI.	18thMay, 2023
Last date for submission of Pre-bid queries for clarification through ORSAC email- orsac.od@nic.in.	24thMay, 2023, 5:30 P.M.
Pre-Bid Video-Conferencing for Queries clarification (Pre-registration is required through ORSAC mail (orsac.od@nic.in) for participation in the video-conferencing)	25th May, 2023, 11 A.M – 1:30 P.M. by ORSAC Project Team.
Release of Pre-Bid clarification vide ORSAC Web-Site. www.orsac.gov.in	25th May, 2023, 5:30 P.M.
Submission of EOI	12th June, 2023 5:30 P.M.
Scrutiny of EOIs based on eligibility criteria by the Committee formed by CE, ORSAC in presence of Participating Bidders and notification of qualified Bidders.	11:30A.M. – 1:30 P.M,13th June 2023. Notification 2:00 P.M. 13th , June, 2023.
Presentation and EOI Evaluation as per Annexure-B	02:30 P.M onwards 13th June, 2023
Notification of Eligible Bidders.	16th June, 2023.
Preparation and issue of RFP to the selected bidders of EOI.	21st June, 2023.

6. DECLARATION BY ORSAC FOR:

✓ While the Expression of Interest (EOI)has been prepared in good faith, ORSAC does not make any representation or warranty, express or implied, or accept any responsibility or liability, whatsoever, in respect of any statement or omission herein, or the accuracy, completeness or reliability of information contained herein, and shall incur no liability under any law, statue, rules or regulations as to the accuracy, reliability or completeness of this request, even if any loss or damage is caused by any act or omission on its part.

✓ Bidders are requested to keep the information and details strictly confidential. ORSAC islooking for support and co-operation of the Bidder in getting fully responsive Expression ofInterest.

✓ ORSAC shall not be responsible for any expense incurred by Bidder in connection with the preparation and delivery of the EOI or other expenses.

✓ ORSAC reserves the right to reject any or all the Expressions of Interest without assigning any reason hereof.

✓ The process of inviting EOI is for ascertaining various options available to ORSAC. After evaluation / examination of the offers, ORSAC may at its sole discretion decide further course ofaction.

✓ ORSAC shall carry out evaluation of the bidders based on the parameters mentioned in the evaluation sheet available at **Annexure-A**. The bidder, who will score seventy (70) or more than that mark will be eligible for the next course of action.

✓ ORSAC reserves the right to deal with the proposal in any manner without assigning any reasons for the same. The decision of ORSAC in this regard shall be final.

Annexure-I => The details of the internal high-skilled manpower of ORSAC

ANNEXURE-I

MANPOWER AT ORSAC:

- WebDeveloper - 2 Persons

- Mobile Application Developer - 2 Persons

- Database Development, Operation & Administration – 1Person

Annexure-A

EVALUATION SHEET

Note: The maximum score for each criterion is indicated in the table. A score of 70% of the Total score is the required eligibility of the bidder for RFP submission.

Criteria	Descriptio	Score	Maximum
E learning platform for any govt departments with live class and video streaming feature.	Minimum two completed Projects each carrying 10 marks.		20
E learning mobile based platform for any govt departments with live class and video streaming feature.	Minimum two completed Projects each carrying 5 marks.		10
Creation of web application and mobile application for any forest departments throughout India.	Minimum three completed Projects each carrying 5 marks.		15
Creation of Web GIS/ MIS application and mobile application for any government departments	Minimum three completed Projects each carrying 5 marks.		15
Understanding of the project	• Project Methodology for all the components. • Do they demonstrate an understanding of the project?		20
Working in collaborating mode with ORSAC and bringing self-sustainable to the Project.	Understanding the concept and execution model.		10
Creation Forest E Learning system with development and deployment plan.	• Resource requirement & planning. • Execution Plan (GantChart)		5
The responding organization	• Size, time in business, professionalism as evident in the companyprofile • Has the organizationwonany significant and		5
	Total		**100**

Comments: _____

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Evaluatedby:_____Date: _____