

Expression of Interest – Design & Development of WCMS-based bilingual Internet and Intranet website

An Expression of Interest, on behalf of Director, CSIR-IMTECH is invited towards design & development of WCMS-based bilingual Internet and Intranet website.

Interested firms should submit executive summary email to coa@imtech.res.in, ao@imtech.res.in latest by 15.12.2021 upto 5.00 PM.

Applicant / Agency / Vendor may view present website of the Institute www.imtech.res.in for a quick look on the design aspect.

Date and Time of technical presentation will be intimated separately.

Detailed EOI Document can be downloaded from www.imtech.res.in/tenders.

Controller of Administration

Expression of Interest – Website Design & Development of WCMS-based bilingual Internet and Intranet website

Background

CSIR-IMTECH website www.imtech.res.in is among the top web-resources in India. It receives around one lakh hits in a month from across the globe. The website hosts latest data about the cutting-edge research of the Institute, details of Faculty members at IMTECH, News and Events, Online recruitment, registration for workshops/conference/symposia, tenders, notifications etc. The existing website has spanned a life of four years. There is a requirement of designing and development of a new website on latest framework and packages for addressing the security challenges and latest intuitive layout. It is expected that website should be developed on Free and Open Source packages.

Expected specifications

- The Websites for Internet and Intranet will be a bilingual (Hindi & English) to be developed using LAMP, PHP-Drupal or Open Source CMS & My SQL under Linux & MYSQL Environment. The vendor is expected to design, develop and maintain the website. The website should be modular and scalable. The website shall be hosted at CSIR-IMTECH's server.
- Content Management System: Authorized users/admin/sub-admin shall be able to upload the Content such as Photos, News, Project Information, Contact details etc. on the website. Contents must be in Unicode format. The bilingual content shall be provided by CSIR-IMTECH.
- Dynamic web pages, with Home page have sections for Notifications, Activity Calendar, Archives, besides other major sections, menu and features in the website. Photo gallery & video management system.
- Search Engine Optimization (SEO): There shall be SEO Program that results in an increase in overall visitors. Monthly, SEO report must be submitted by vendor meta tagging and indexing of all pages.
- Security Audit & Certification: The vendor shall be responsible for obtaining all security audits and certifications, viz. STQC, SSL, and any other security guidelines of Govt. of India, etc. Website shall comply with Guidelines for Indian Government Websites (GIGW) with mobile compatibility. The Audit must be carried out by a certified agency (CERT-IN empaneled agency) selected by CSIR-IMTECH. The vendor shall be responsible for obtaining all security audits and certifications, viz. STQC, SSL, etc. in coordination with the CERT-IN empaneled agency.
- Comprehensive Maintenance of the website: Maintenance and Technical Support from the date of issue of completion certificate, and Annual maintenance of website/CMS application with onsite technical support as required for 5 years after the deployment of website.

Application Process

To apply, please submit an expression of interest with roadmap of the solution that is offered based on the above mentioned broad criteria. The firms should submit information about existing website(s) developed by them in the public and private sector in India, preferably in a Government/R&D Institutions where website is used for similar objectives, budget and experience of the vendor on installation and maintenance of the websites. All the technology that would be used for development should be in latest and stable version. Front End Development: HTML, CSS, JavaScript, ReactJS. Back End Development: NodeJS. Database: MySQL / MongoDB etc.

The firms who submit EOI shall be invited for a presentation and discussion meeting with the designated committee of technical experts at CSIR-IMTECH.