Notice Inviting Tender

Tender No.: W-SAJC-2/22/2022

Date: 01/02/2022

Title of the work: Development of College Data Management System including Learning Management System (LMS) of Seth Anandram Jaipuria College, Kolkata as per terms and conditions

Sealed tenders are invited for (i) College Data Management System, (ii) Learning Management System (LMS) following the rules and regulations of University of Calcutta and Government of West Bengal as per terms and conditions mentioned below from reputed and qualified vendors having experience of providing such services. The vendor selected must abide by the terms and conditions of the college and the rules and regulations of the University of Calcutta and Government of West Bengal as published form time to time. The vendor must also be liable to complete the work related activities in due time as imposed by college, affiliating University and the Government.

Technical specifications:

College Data Management System:

- **Two Layer Login Systems**: Two layer login system where user can login with Super Admin (who can access each and every departmental data) and as a Departmental (who can access only specific departmental data).
- **Student Admission** Data will includes students name, address, contact information, last passed examination information, etc.
- **Student Results** will include (1+1+1 System and CBCS) with every semester detail results.
- **Student Progression** will include data for student pursuing higher education (e.g.: PG, PhD, State Gov Exam, NET, GATE, Placement, etc.)
- **Student Scholarship** will include data for student granting scholarship from State & Central Govt, Private Bodies, Kanyashree, Inspire, etc.
- **Student Activities** will include Students Seminar presented, publication, Project and Research Work, Award Received, etc.
- **Student Rank List**
- Admitted students Details
- **Faculty**: The faculty section will have data for **Substantive Faculty, SACT faculty, Office Staff, PhD Scholars**. Each faculty section will have data for their Profile, Educational Qualifications, College Served, Teaching Experience, Ph.D. Guidance, Administrative Duties, Area of Expertise, Thrust area of Research, Research Projects, Publication: Research Papers in International Journals, Publication: Research Papers in National Journals, Publication: Research Papers in Regional, College and State Journals, Publication: Books, Invited lecture/Resource Person, Oral/Poster Presentation in Seminar, Conferences/Seminars/Symposium/Workshops: Participated, Members of Different Academic Bodies, Scholarship/Award/Felicitations, Other Activities and Interest, Books Used/Available As Text/Reference In Universities/Libraries, Pre Publication Review, Author of Study Materials, Publication: Popular Articles, etc.
- **Faculty Leave** including approval and management.
- **Departmental Activities** will include all the activities of department such as Seminar, workshop, Excursion, etc.
- Specific Departmental Equipments, Chemical, Books record.
- Departmental Routine
- Sports section with all relevant sub heads
- Co curricular activities of the college like memorial lectures

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- Each faculty will be given a unique login account where they can edit their own data.
- Super Admin and Departmental Head can create user and rest others password.
- Technology: Three Tire Architecture with 3d security
- Language: **PHP, JavaScript, Ajax, MySQL, Laravel 8, Bootstrap, Amazon Web Service (EC2)**
- Timeline: **Software Development:** 2 Months; **Data Entry:** 4 months including Testing, Finding bugs and fixing all the areas of improvement.
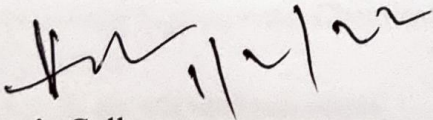
Learning Management System (LMS):

- **Academic Schedule:** Faculty and students, empowering them with a structured academic calendar and scheduler.
- **Alerts and Notifications:** Academic processes in educational institution by enabling timely alerts and sending push notifications to students and faculty.
- **Learning Resources:** Topic-wise study materials will be made available on the cloud, so students are never short of what you intend to access them real quick. E.g. Lecture Notes, Videos, Power Point Presentations
- student's attendance, routine- maker,
- 3 layers of log in- super admin, faculty and students,
- embedded link for e -books
- campus link embedded
- **Remote Learning Support:** Support for Assignments
- **Assessment:** Question paper generation, objective assessment, submission of answer scripts in coordination with classroom section of archived question papers
- **Reports:** Individual dashboards for Students and faculty
- Student feedback section: Students can report about any problems they face or any requirements they want and corresponding feedback will be entertained by the respective teachers.
- **Gallery:**
- A CMS (**Content Management System**)will be made so that the above information can be inserted and updated.
- The CMS will have **Super Admin, Admin** and **User** login with specific permission.
- Technology: Three Tire Architecture with 3d security
- **Language: PHP, JavaScript, Ajax, MySQL, Laravel 8, Bootstrap, Amazon Web Service (EC2)** .
- **Timeline:** 8-10 Weeks

Instructions for bid submission:

1. Bids must be submitted in separate envelop viz., 'Technical Bid' and 'Financial Bid'. The envelop marked 'Technical Bid' shall be evaluated first. Vendors may be asked for a presentation before the technical bid evaluation committee. The vendors survived on technical evaluation are considered for 'financial aid' evaluation and normally lowest bid from them shall be considered for the contract.
2. Point-wise technical compliance report with details of experience should be given in technical bid. The vendor should be ready for presentation. The date of communication shall be presented later.
3. The rate shall be inclusive of all taxes and duties. It should be quoted item-wise as given in the scope of work.
4. The vendor must submit PAN, ITR of last year, Trade license and GST details in technical bid.
5. The bid is to be submitted to the office of the Principal within 14/02/2022 at 3 pm. The date of opening the tender is 15/02/2022 after 12 noon. Contact Mr. Panna Chowdhury (9830497298) for bid submission and related queries.

Principal
Seth Anandram Jaipuria College

Principal
Seth Anandram Jaipuria College
Kolkata - 700 005