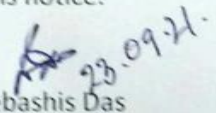


Ananda Chandra College [GOVT. SPONSORED]:: :: Jalpaiguri
Quotation Notice/ 23.09.2021

Quotations are invited from reputed software firms/companies for building and maintenance of Official Website of Ananda Chandra College with the detailed specifications listed in Annexure. Concerned firms/companies are asked to submit the quotation through email to accpurchase2020@gmail.com or Quotation Drop-Box in the office of the undersigned within 7 days of publication of this notice.


Dr. Debashis Das
Principal
Ananda Chandra College
Jalpaiguri

ANNEXURE
DETAILED SPECIFICATION OF THE WEBSITE

FUNCTIONAL REQUIREMENTS:

- **Proper and systematic design –**
 - Supports responsive design
 - User based data access restrictions
 - User friendly interface for admin control

Note: If there is a need of purchasing additional resources like themes or plug-ins, then the same are to be purchased & billed in the name of the college only so that license can be retained by us.

- **User management –**
 - Must have user registration and account management support for the following users
 - The system should have a proper management system for normal users such as administrative staff, departments, system administration
 - The major stakeholders/users of the entire system are as follows –
 - Website Administrator
 - Data Entry Operator & College Administration
 - Department Faculties
 - Department Administration
 - Students
 - The system should allow the mentioned users to manage data that are to be displayed as per their access specifications on the website and manage design changes without any third party hindrance

- **Handling Traffic Surges –**
 - System should be reliable enough to handle traffic surges at times when information has to be properly displayed

- **Specific portals –**

There are specific needs of individual portals for various sections like

 - Online Examination Management
 - Scholarship Management
 - Post Graduate Portal
 - Distance Education
 - Alumni Association Portal

The individual portals must be able to handle complex functionalities and requirements with an easy – to – use interface.

- **User Information Management System –**

Separate portal for Faculty Members and Students to:

- Create their own profiles
- List certain information regarding individual entity
- For faculty members, the system must be able to list their entire profile with their works in their domain and papers easily.

◦ Departments must be able to manage their students easily and view information as and when required

- **Hostel Management System –**

◦ Hostel accommodation management system for hostel administration

◦ Take hostel accommodation requests from students, process the information as per their own criteria and display processed data

- **IQAC (Internal Quality Assessment Cell) System –**

◦ Login and manage data by IQAC Coordinator

◦ Faculties can insert documents as requested

◦ Requests and actions by IQAC Coordinator must be generated through the same system and users will respond to the same request

- **Achievement Portal –**

◦ A portal to display achievements of the present students on the basis of external and internal evaluation based on their course.

◦ Must be department specific.

◦ A separate achievements section to display achievements by any alumni of our college

- **Feedback portal –**

As per direction of UGC, there is requirement of Feedback portal –

◦ Feedback portal must be able to handle feedbacks from normal visitors and display/export those feedbacks as & when required

◦ Feedback portal must have a separate option to gather feedbacks from students which will be used in evaluation of college.

◦ Must be easy to use and access to information must be easy for college administration & website administrator.

- **Support Desk –**

◦ Separate support system must be there for administrative users, departments, students and others to redress their problems in case they face any such difficulties while accessing any system

◦ Ticket based approach preferred

- **Webmail System –**

◦ A user friendly webmail system must be there so that various users can use mailing system as per authorization and access

- **Easy workflow –**

◦ Well defined functionality for the website administration to easily manage various aspects of the entire systems running

◦ Data backup systems so that frequent backups can be taken by website administrator(s).

SERVER REQUIREMENTS:

As per development of the entire system, hosting can be either Linux Hosting, or Windows Hosting. Presently we have our current domain [acollege.in] hosted.

The preliminary requirement is to transfer the domain from the existing to new hosting service provider before starting deployment. Now, the various server resource requirements are as follows:

- **Domain requirements:**

◦ One main domain of the college [acollege.in]

◦ Should have a provision to add subsequent domain at least one, if needed

◦ **Unlimited sub-domains** for individual web-applications

- **Email requirements:**

- **Unlimited** email accounts – Server must have provision for creating as many email accounts
- **Access** – There should be a portal by which one can access webmail
- **SSL Certificate** –
 - Hosting must provide SSL Certificate for the main domain and sub-domains for the **entire tenure** of service
- **Bandwidth** –
 - **Unlimited** Bandwidth – Hosting service must compulsorily provide unlimited bandwidth as our website can face traffic surges as & when required
- **Disk space** –
 - **Unlimited** disk space – Hosting service must compulsorily provide unlimited disk space
- **Databases** –
 - **Unlimited database** – Hosting service must provide provision for creating databases as & when needed without any count cap
 - **Size of each database** – Hosting service must provide **at least 5GB of database space** for each database
- **Antivirus & Spam Protection** –
 - There should be facility of antivirus and spam protection system in the server provided by the hosting service
- **cPanel or Plesk Panel access** –
 - Full cPanel or Plesk panel must be provided to College Administration
- **Server up-time** –
 - There must be a **guaranteed 99% server up-time** by the hosting service provider as our website and web – applications need to be up and running 24×7.

TECHNICAL REQUIREMENTS:

The website and subsequent web – applications must be built with the following specifications:

- **Language and others specifications:**
 - **For Linux – based hosting:**
 - PHP – Version 7.1 or latest
 - MySQL – Version 7 or latest
 - If using Website Builder like WordPress, then WordPress version 5.7 or latest.
 - If using other builders, latest up-to-date versions must be used
 - If front-end frameworks are used then, Bootstrap, version 5.0 or latest
 - **For Windows – based hosting:**
 - ASP.NET – Version 4.7 or latest
 - PHP – Version 7.1 or latest
 - MSSQL – Version 2012 R2 or latest
 - MySQL – Version 5.6 or latest
 - If using Website Builder like WordPress, then WordPress version 5.7 or latest
 - If using other builders, latest up-to-date versions must be used
 - If front-end frameworks are used then, Bootstrap, version 5.0 or latest

THIRD PARTY COMPONENTS:

Purchase of any third party components / services required for the website should be done and billed in the name of the college so that the college remains the sole licensee of the purchased products / services.

COPYRIGHTED CONTENTS:

The college should be the sole copyright holder of the contents (any written material or images) hosted on the college website. Therefore the developer(s) should not use any other copyrighted material without written permission of the copyright holder in building the college website.

MAINTENANCE:

- The entire system built must be provided with corrective maintenance extending to an initial period of 1 (one) year from the date of deployment.

◦ Immediate support must be provided as and when required by Website Administrator or College Administration.

DEPLOYMENT TIME:

The entire website and corresponding web – applications should be deployed **within 3 months** from the **date of receiving work order.**