

**PRETENDER FOR 'HIMACHAL PRADESH BOARD OF SCHOOL EDUCATION'**  
**WEB PORTAL**

**OBJECTIVE**

Himachal Pradesh Board of School Education proposes to carry out changes/modifications in the existing web portal or develop a fresh one to make it more *dynamic state-of-the-art web portal*, which would truly reflect and add to the board's overall growth vision. This entails a working blend of Web 2.0 technologies and eye-catching presentation of information. The website should be elegant and uncluttered in look, and user friendly in its layout and content.

**USERS**

For all board's related information needs, the board's management, its staff, affiliated schools, students, faculty members and administrative staff for their day-to-day activities will use the envisaged portal. Vendors/businesses, other government departments and agencies, and the general public in India will also use it.

**SCOPE OF WORK**

The scope of work includes planning, requirement gathering, design, development, testing, delivering a brand new portal. It also includes regular maintenance and updating of the website.

Details of various elements of the scope of work are as follows:

1. Information Content
  - a. The portal will be superset of the existing website [www.hpbose.org](http://www.hpbose.org)
  - b. In addition, the portal should provide appropriate plug-ins to passively/actively integrate the portal with the board's ERP.
2. Other Required Features
  - a. The portal should accompany a comprehensive content management system to support a variety of users ranging from Administrators to Guests. It should allow the board's management, its staff to create user roles and allow the setting up of access rights ranging from entire site to a specific page.
  - b. The portal should allow affiliated schools to login to their dashboards for seeing read-only information uploaded by the board and sending system integrated emails with options to upload text files, images and videos
  - c. It should have facilities for the students to enter their roll number and check their result status and allow them to upload and send their scanned images of their documents to the board's authority
  - d. The portal should have facility for text, audio and video chat
  - e. It should provide for flexibility to modify the design when a major event has to be published.
  - f. Design should be flexible to accommodate new pages.
  - g. Design should allow changing the interface templates for fresh new look as and when required.
  - h. The portal should be based on International standards like W3C standard for HTML, WAI etc.
  - i. It should be compatible to various browsers including IE, Mozilla Firefox, Chrome, Safari etc.
  - j. It should provide secure integration with payment gateway for online payment transactions involved in processes such as admission form, job application, student fees, conference registration etc.

- k. It should provide online tracking facility for job applicants, students seeking admissions, RTI applicants etc.
- l. The portal should allow the user to syndicate, aggregate and set up the notification of data of some pages using RSS feeds.
- m. The portal should allow users to share their views, feedback, solutions and suggestions online through the webmaster, and also allow podcasts, webcasts and other wikis and forums.
- n. It should provide a search module for efficient information retrieval.
- o. The portal should have a direct mailing facility where mails could be sent to different contact persons.
- p. The portal should allow for creation of/linking to new websites for different Schools, Centres etc.
- q. The portal should support Web 2.0 based tools such as RSS feeds, Blogs, Chats, Podcasts etc.
- r. The website should have a Moodle feature integrated within it for allowing school-board interface for individual courses
- s. The website should incorporate necessary security features against hacking and defacement.
- t. All logins and payments transaction must operate on secure protocols. It should provide support for website security audit.
- u. The portal should comply fully with the guidelines issued from time to time by the Government of India and state government.
- v. The portal should be disabled-friendly, and should allow for features such as voice enabling and enhancement of font size.
- w. The portal should have 'Archive' facility

#### **TECHNOLOGY**

The entire portal should preferably be based on Web 2.0 based CMS like Drupal, Joomla etc. and preferably use Open Source Tools like LAMP, Moodle, OpenLDAP etc.

#### **WEBSITE FEATURES**

This website will enable users to obtain information on

1. The Board
2. The Schools
3. The Teachers
4. The Students
5. Courses
6. Affiliations
7. RTI
8. Exam Results
9. Calendar of events
10. Career
11. Chat
12. Research
13. Books
14. Online payments
15. Contact Us

The interested parties would be required to attend pre tender meeting for presentation of proposals on the subject on 08.06.2016 at 10:00 AM in the board Office at Dharamshala, Distt. Kangra. The Proposals to be presented should be based on best practices being followed elsewhere in similarly situated organizations. The proposals being presented would be discussed in the interactive sessions with the Board Officers and suggestions if any would be required to be incorporated in the draft proposals being presented by the parties. There would be a second round of presentation for which suitable date would be intimated after mutual consultation.

This would be followed by submission of technical Bids for which the format would be notified separately.

The Technical Bids submitted by the parties would be placed before a technical committee constituted by the Board and the parties would be shortlisted based on the information submitted by them on the Technical Bid Proforma.

Thereafter the shortlisted parties would be asked to submit financial Bids for the proposals which will be opened by a committee of Board and the work would be assigned to the lowest Bidder after negotiations if required.

The WEB PORTAL developed after presentation discussion and approval would be subjected to testing and parallel run.

This will be followed by the phase of implementations and maintenance.