

Corrigendum of Computerization of Operation in NIT Raipur

Following points are added for more clarification on requirements for MIS development, after the pre bid conference held on 04-Sep-2009 at 12.00 P.M. at E-classroom NIT Raipur:

1. Bar Coding Implementation for the library books, students ID cards etc. (RFID Implementation is **not** required)
2. Servers are also included as a part of tender for application deployment. Since MIS is going to be a web based application so web server should also be included in the tender bid.
3. Data entry rates are to be quoted based on per record data entry rate.
4. Platform will be **Windows** operating system
5. Software will be customized i.e. software should be developed using the parameterized interface, and admin interface is required for every module mentioned in the scope of the work.
6. Source Code will also be provided along with the implemented and deployed software. If there is some additional cost for source code then that should also be quoted in tender.
7. Security printing will be used for mark sheets and degree certificate only.
8. Hash number generation should be there whenever secure document/report printing is required. For example mark sheets should have some hash number for security of the document.
9. Bio Metric implementations are required for attendance etc.
10. **Smart card are not required** (Please refer the para. 13 of earlier requirement document), instead of that **an identification card with a unique id in the form of bard code should be provided** for the following purpose:
 - a. Identification of Staff / Faculty / Students
 - b. Library Operations
 - c. Hostel Operation
 - d. Examination Operation etc.
11. Using the unique id based identification card the Student / Faculty / Staff can be given role based access to the facilities.
12. The capacity of unique id based identification card will be 2K.
13. After implementation and deployment of the software two technical experts are required to be present in institute for next 3 years to support in execution of software.

More details about Software Implementation

1. Requirements of software required for running MIS application at the institute should be mentioned and also the no. of licenses required should be mentioned. Database requirement for the MIS should also be mentioned.

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2. MIS will be Web based application; Technology (Java, .Net) for the implementation should be mentioned.
3. Design documents, Interface descriptions, Integration documents for previous supplied software of other universities / institutes should be attached.
4. Testing methodology should be mentioned for the software. Some test plans can be attached.
5. Prototype / Screen Shots of software which are supplied earlier to other universities and institutes should be attached.
6. User Manuals are required for each and every module so that users can refer those manual for using the different modules based on their roles.
7. SSO (Single Sign On) Implementation should be there for all MIS modules. After authorization based on the role of user application access should be provided. Role-based access control (RBAC) for security should be provided.
8. Admin interface for each and every module is required.
9. Parameterized interface & Method implementation should be done for the software and there should be provision to modify the different parameters associated with the interfaces.
10. Some of the identified roles are – Director, Deans, Registrar, Head of the Departments, Controller of the Exam, Dy. Controller of Exam, Academic Staff, Lab. Staff, Office Staff, Students, Parents.

More details about the PIS (Parent Information System)

Parent information system will be used for communication with the parents. Communication could be:

1. Undertaking by parents for anti ragging.
2. Result Communication Reports to parents.
3. Short Attendance Communication Reports for the parents.
4. Other general communication regarding feedback, personal problem discussions etc.
5. Facility to communicate above through SMS.

Note: The last date for submission of technical and financial bids is extended up to 15th October 2009.

