

Tender for **Student Academic System**

Preamble:

National Institute of Technology, Durgapur intends to install an integrated End-to-End Education Management software package to improve the quality & transparency in the overall system of the Institute. The software should be generic, highly flexible and easily customizable. The package should have forward & backward integration of all aspects of education system including 'On-line Student Admission', 'Student Welfare', 'Teaching Learning Process', 'Library Management', 'Finance Management' and 'Administrative Management'. But initially only 'On-line Student Admission', 'Student Welfare' and Students' Payable (Finance Management) Modules will be installed.

Requirement:

The 'On-line Student Admission', 'Student Welfare' and Students' Payable Modules should be integrated covering the following:

- On-line Registration & Admission;
- Registration Fee/Tuition Fees/Hostel Admission Fee/Hostel Fee, etc.;
- Student Welfare Module interlinked to the following Sub-Modules:
 - Master data Maintenance of Students.
 - Master data Maintenance of Teachers.
 - Semester wise Assignments of Teachers to individual papers.(For Compulsory Papers)
 - Semester wise Assignments of Students to their opted papers. (For Elective Papers)
 - Examination Management including on-line Exams, Marks Entry for Off-line Exams with marks & grade option;
 - Attendance;
 - Document Framework Management to upload and download various documents;
 - Feedback – Student & Teacher;
 - Auto Results & Customized Report Card Generation;
 - Performance Evaluation;
 - Event Management; Extra curricular & Co-curricular activities of the student
 - Project Work, R&D, Consultancy & Publication;
 - Training & Placement;
 - Interactive Platform for Exchanging Knowledge & Information; and
- User Level Security, Event Log and User Administration.

Technology:

The integrated modules should be web-based, on open source Linux platform and developed on 3-tier architecture. The state-of-the-art technology should have the presentation layer (Client) of JSP, MVC using Struts, Business logic layer using J2EE and other advanced technologies like AJAX, Service implementation using Spring framework (hibernate) and Data layer (Database Server) with MySQL. The technology should support both intra & internet operation using individual unique code number & password.

Deliverable:

The product should be given to NIT Durgapur as 'Sales of Goods' for exclusive use of NIT Durgapur for non-commercial purpose only with technical supports plus up-graded version of the 'Software Package' at free of cost. In addition, the Software Developer should give database MODEL to the Institute so that Institute can generate different type reports as demanded by the management. The assignment should be finished with two months from the date of placement of order.

Criteria for participation in this Tender

- Should have ready-made product for the above mentioned integrated Modules;
- Should have successfully implemented or in the process of implementation most of the above mentioned integrated Modules in at least 4 academic Institutions (Degree/Senior School Level) with student strength of minimum 500;
- Should have developed the above mentioned integrated Modules using the state-of-the-art technology as mentioned in the technology section above. The product developed on any other technology shall not be accepted.
- Should provide the minimum Hardware requirement with minimum 25 numbers floating users;
- Should have used the technology to support both intra & internet operation using individual unique code number & password.
- Should have used the technology for database compatibility, like, open source database MYSQL may be converted to ORACLE database without taking the help of the Developer.
- Should give permission to the Purchaser to open database structure and generate different type of reports as demanded by the management.
- Should complete the project maximum within two months' time which includes the installation and test run with sample data as well as live data;
- Should satisfy the Purchaser with their demo presentation
- Should have Support Service Office at Kolkata/Durgapur.

Quotation:

The Institute invites sealed quotations from the Software Product Development Companies who will fulfill the above mentioned criteria.

1. Bid Price
 - (a) The contract shall be for the entire system as described above.
 - (b) All duties, taxes and other levies payable by the System Developers under this contract shall be included in the total price.
 - (c) The price quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
 - (d) The bid price must be quoted in Indian rupees.
2. The bid submitted by the bidder must comprise the following:

Part – I (Techno-commercial Bid)

- (a) Detailed technical specifications
- (b) Credentials and list of Institutions where the bidder developed the similar system.
- (c) Warranty period (comprehensive on-site)
- (d) Valid Sales Tax/VAT Clearance Certificate.

Part – II (Price Bid)

3. Validity of Quotation
Quotation shall remain valid for a period not less than 60 days after the deadline date specified for submission.
4. Evaluation of Quotations
The purchaser will evaluate and compare the quotations determined to be substantially responsive i.e. which
 - (a) Are properly signed and
 - (b) Conform to the terms and conditions, and specifications.

5. Award of Contract

The Purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price.

Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of contract.

The purchaser prior to expiration of the quotation validity period will notify the bidder whose bid is accepted to award contract. The terms of accepted offer shall be incorporated in the Purchase Order.

6. Payment shall be made immediately within 30 days after satisfactory installation, test run and acceptance of the Users.
7. The successful bidder must submit before the release of payment a valid Bank Guarantee on any Nationalized Bank of 10% of the Order value towards Performance Guarantee during the Warranty period.
8. Liquidated Damage will be applicable at the rate of 0.5% per week. The Purchaser has the right to cancel the purchase order when LD accumulated to 10%.
9. A Bank Draft of Rs. 100 towards the Bid Document Price payable to 'National Institute of Technology, Durgapur' payable at Durgapur will be enclosed with the bid.
10. A Bank Draft or Bank Guarantee worth 2% of the quoted value payable to "National Institute of Technology, Durgapur" payable at Durgapur will be enclosed with the bid towards the Earnest Money Deposit (EMD). The EMD shall be remain valid for a period of 45 days beyond the final bid validity period.
11. Quotation are to be submitted in two separate sealed covers marked PART – I (Techno-commercial bid) and PART – II (Price Bid) containing relevant documents, superscripting "Bid Document for Student Academic System" & "Bid No.: NITD/ACAD/GEN/2010/01" . These two sealed covers are to be placed in a separately sealed large cover.
12. Settlement of any dispute will be made under the jurisdiction of Durgapur Court.
13. You are requested to to provide your offer latest by 11:00 hours of 25th March 2010. All the bidders have to demonstrate their System on 26th March 2010 between 10:30 am to 1:30 pm at Academic Board Room of National Institute of Technology, Durgapur.
14. All other terms and conditions of GFR 2005 of the Government of India will be applicable.
15. We look forward to receive your quotation and thank you for your interest in this project.

The Bid must be addresses to:

Prof. S. B. Das
Dean, Academic
National Institute of Technology
Durgapur 713 209