



Maharshi Dayanand University, Rohtak, Haryana

(A State University established under Haryana Act No. XXV of 1975)

NAAC Accredited 'A' Grade

Ref: MDU/UCC/

Dated: 23/4/2014

Tender Notice (Ammended-2)

Advertisement No PR-13 of 2014

Sealed Tenders superscribed as the RE-ENGINEERING/REPLACEMENT OF EXISTING PRE- & POST-EXAMINATION SYSTEM TO CREATE ERP SOLUTION are invited from the OEM/distributor duly authorized for this deal by OEM for the Re-Engineering/Replacement of Existing Pre- & Post-Examination System to create ERP Solution upto 30/04/2014 (upto 02.30 PM). The tenders will be opened in the Library Conference Room on 30-4-2014 at 03.00 PM. Processing fee (Rs. 4000/-) and earnest money (Rs. 3,00,000/-) in the form of Demand Draft drawn in favour of the Finance Officer, M.D. University, Rohtak drawn at Rohtak, should accompany the separately sealed technical and financial bids. For more details and downloading of tender document visit University website www.mdurohtak.ac.in.

Registrar

Tender Notice

RE-ENGINEERING/REPLACEMENT OF EXISTING PRE- & POST-EXAMINATION SYSTEM TO CREATE ERP SOLUTION

Limited tenders are invited for complete re-engineering or replacement of existing online Pre- & Post-Examination System of university from reputed service providers having CMMI level 3 or SEI Partnership certification and experience in relevant fields. The detailed Tender Proforma containing terms and conditions is available on the university website <http://www.mdurohtak.ac.in>.

| | |
|--|---|
| Last date of receipt of tender bids | 30/4/2014 up to 02.30 hrs |
| Tenders complete in all respect be addressed to | Incharge (Purchase & Store), M.D. University Rohtak. |
| Date of opening of Technical Bids | 30/4/2014 at 03.00 hrs |

Maharshi Dayanand University, Rohtak

TENDER NOTICE

The University envisages improving/re-engineering the existing e-Governance software for various functions of existing online Pre- & Post-Examination processes of the university. The proposed Pre- & Post-Examination System is intended to improve functionality, integration & security of the existing online Pre- & Post-Examination System and include authentication & approval functionality and other essential features, either by complete Re-Engineering/Replacement/Migration of existing software. **Details of functional capabilities of the existing system are placed at Annexure-I.**

Sealed quotations/tenders are invited from IT service providers and software developers of national and international repute for complete & integrated ERP system of all services of Pre- & Post-Examination System with successful implementation at university, described in brief along with terms and conditions in following paragraphs.

1. **SCOPE OF WORK:**

Complete Re-Engineering/Replacement/Migration of existing online Pre- & Post-Examination System to a robust ERP product:

The proposed system should be an integrated ERP solution for complete end-to-end activities/processes/services with following major features:

Major Features:

- i. The successful bidder needs to migrate all the current & old students (**approximately 70 Laks**) related data of existing Online Pre- & Post-Examination System into proposed ERP Solution.
- ii. This solution shall be hosted centrally at the University's Datacenter. There should be proper linkage & synchronization capability with another backup/recovery site.

The solution shall provide workflow automation of various existing/ Proposed Pre & Post-Examination System activities related to online students registration/ admission, progress, conduct of examinations, result processing and extended support to general administration, accounts, academics and other related student support activities.

Detailed description of the functions/services/components required:

- 1.1. **Complete Pre-Examination process including following (among other processes followed/to be followed in university):**

- 1.1.1. Online New Registration, Re-registration, Reappear, Re-evaluation etc. with provision to input information through online/offline method/OMR sheets. Online Student Cut list, Admit Cards, Building Notice, Print Order, Centre Statement, Confidential List, Migration, Online Internal/External Assessment record submission, Special/Mercy examination chances etc.
- 1.1.2. Automatic Eligibility Verification: Provision for automatic (verification of candidate's details for Boards'/Universities' database based on roll number/registration number) and manual eligibility verification of students from recognized educational boards, such as Central Board of Secondary Education (CBSE), Board of School Education Haryana (BSEH), M.D. University and Kurukshetra University etc.
- 1.1.3. Material Management: Inventory, Dispatch and Receipt of Examination Material to & from Examination Centres.
- 1.1.4. Online provision of relevant administrative, financial and academic reports, such as student strength, funds, bank data, income challans, demand and collection (D&C), Fund transfer, bank reconciliation, etc.
- 1.2. **Complete Post-Examination process including following (among other processes followed/to be followed in university):**
 - 1.2.1. **Award Data Entry:**
 - Provision for reading student OMR Award sheets.
 - Additional provision for online double Award Punching, comparison, resolution of error lists, etc.
 - 1.2.2. **Integration/import of past data of Student Details including gap filling, if required.**
 - 1.2.3. Proper online provision (based on parameterized Master pages) for all functions, such as Exam Attendance, Absentee Statement, UMC Management, Courses (UG/PG/Diploma/Certificate etc.), papers, Examination Schemes, Grace-marks mechanism etc. Provision for all examination related processes, such as result processing, merit list, check list, error list, award wanting list, result gazette, result sheet, declaration of result on website, management of discrepancies, reappear, re-evaluation, migration, online student register, financial claims, issue/re-issue of DMC/degree, admit card etc.

1.2.4. Complete computerization of all the activities/processes of the Secrecy Branch relating to fictitious roll number/ awards/ award bags management, etc.

1.3. **Implementation and Training:** The successful bidder will be solely responsible for Data migration/import, gap filling (missing data, if any, to be entered from hard copy records) and successful implementation of the ERP solution. The work is to be done under supervision and control of the concerned branch of the university.

The selected bidder will take complete responsibility of providing proper seat/work specific technical/functional/operational training to the employees of the university.

Hand-holding Support: The successful bidder will be responsible for providing hand-holding support to the university officials for Pre- & Post-Examination operations for at least One year/complete academic cycle.

1.4. **Other essential features:**

1.4.1. **Single-window Online Student Grievance System:** All the student queries and issues related to any level/stage of Pre- & Post-Examination System should be managed through an integrated single-window online student grievance system

1.4.2. **Student Self Service Portal:** Provision for single online login/account for students which will be active till the complete Pre- & Post- Examination activities of a student is finished. Provision for every application related to student requirements/grievances, such as online registration/admission application, reappear, re-evaluation, migration, scholarship, financial claims, hostel, re-issue of DMC/degree, ID card etc., should be provided through the student login/account to attain efficiency, transparency and accountability in the Pre- & Post-Examination System.

1.4.3. **Bilingual Support:** The software should provide support for handling (input, output and storage) of bilingual data (Hindi/English). Full bilingual support would be preferred.

1.4.4. User Acceptance Testing (UAT), Logging System, Approval System, Dual Language Support (wherever required), Online Payment of Fee/charges, user manuals, technical documentation, Email/SMS alerts, etc.

1.4.5. Any other activity/process/requirement of the university relating to complete computerization of Pre- & Post-Examination System.

1.4.6. **Scalability & Extensibility:** The system should be scalable enough to handle growing strength of students upto six lakhs (**current**). The system should be usable for next **10** years without difficulty. The system should be extensible using custom plugins/ patches/ scripts etc. **The solution should be deployable on Windows as well as on any enterprise grade UNIX/LINUX operating system and should be implementable using any RDBMS (MS SQL Server, Oracle, Sybase, MySQL, DB2).** Roadmap of the software evolution for next five year should be provided.

1.4.7. The proposed solution should have been deployed for at-least one project - Compulsorily having Pre- & Post-Examination modules for a big (more than 50 Thousand students on rolls) University in India. Copy of Purchase Order and project progress/completion report from the concerned Institution is to be attached.

1.5. Optional Modules (May be asked to be implemented in future & must be quoted separately):

1.5.1. Establishment/HRM

1.5.2. Finance & Accounting including Payroll

1.5.3. Purchase (including e-Tender processing), Store & Stock

1.5.4. Hostel & Faculty Mess including room allotment

1.5.5. Transport Management

1.6. **Additional Work:** In case, any additional work is assigned to the successful bidder, apart from the work defined in this tender notice and consequent Memorandum of Understanding (MoU), an additional fee shall be paid to the successful bidder at the rates and terms for additional work mutually agreed upon. Metric for measurement of additional work and rate has to be specified in the tender.

2. BIDDER'S ELIGIBILITY CONDITIONS:

2.1. The Bidder should be at least CMM Level 3 IT Service provider or SEI Partner dealing with IT services/ application development & management services (Valid copy of the Certificate need to be enclosed) in Software Development/deployment in Educational Sector and have been in the business for a minimum period of 5 years as on date of tender submission should be enclosed.

2.2. The Bidder should have minimum **100** IT professionals (programmers/ developers and above) on its rolls. List of their names, date of joining, PF numbers and designation will have to be furnished if asked by the technical committee.

2.3. The Bidder should have sales turnover of **Rs. 50 Crores** or more in each of last three financial years (2010-2011, 2011-2012, 2012-2013) in the IT business as mentioned at para 2.1 above. Copy of Audited and Certified Balance Sheet & Profit/Loss Account of last 3 Financial Years to be attached. **Profit making bidder having positive net worth will be preferred.**

2.4. The individual signing the tender or other document, in connection with the tender must certify as to whether he or she has signed as:-

- a. A "Sole Proprietor" of the firm or constituted attorney of such sole proprietor.
- b. A Partner of the firm, if it be partnership , in which case he must have authority to refer to arbitration disputes concerning the business partnership either by virtue of the partnership agreement or a power of attorney. In the alternative all the partners should sign the tender.
- c. Authorized Signatory of Public Ltd. Co. or Pvt. Ltd. Co.

3. **PRICING SCHEDULE:**

| Sr. No. | Item Description | Total cost (Rs) | Total cost In words |
|---------|--|-----------------|---------------------|
| 1. | Cost of Software Re-Engineering/ Replacement/Implementation & Migration | | |
| 2 | Cost for Outright development/purchase of the solution (perpetual license). | | |
| 3 | Cost of other software licenses, if applicable, indicating details | | |
| 4 | Cost of training | | |
| 5 | Cost of Hand-holding Services for 1(one) year | | |
| 6 | Post implementation Annual Maintenance Cost (AMC) for technical support | | |
| 7 | Any other cost (One time or recurring) | | |

Optional Items (Section 1.5):

Same as above

Additional Work (Section 1.6): Metric and price per unit.

Note:

- i. Taxes, if any, may be clearly indicated.
- ii. The software license should be in the name of the Registrar, M. D. University.
- iii. Anything not specified in the tender will not be paid, so be explicit. There should be no hidden cost.

4. WORK SCHEDULE:

- 4.1. The complete ERP solution shall be deployed within 9 (nine) months of the award of the tender. Detailed schedule of various milestones as per priority will be finalized mutually before signing of the MoU.
- 4.2. The engaged company is expected to extend full support to the university to handle the ongoing jobs pertaining to Pre- and Post-Examination to avoid any hardship.

5. TERMS AND CONDITIONS:

- 5.1. The sealed quotations/tenders, complete in all respect, must reach the office of the undersigned latest by due date and time. The same shall be opened on same day at specified time. The quotees or their authorized representatives shall be allowed to attend the meeting of the Quotation Opening Committee at their own (quotee's) costs.
- 5.2. The quotation/tender received after due date and time or incomplete shall be rejected out rightly.
- 5.3. The quotees shall submit technical and financial bids separately. Both the bids shall be sealed in separate envelopes. Both the sealed envelopes containing technical and financial bids shall then be sealed in the third envelope. Following must be superscripted on the sealed envelopes:

Envelope containing technical bid:

TECHNICAL BID For 'Re-Engineering/Replacement of Existing Pre- & Post-Examination System To Create ERP Solution'.

Envelope containing financial bid:

FINANCIAL BID for 'Re-Engineering/Replacement of Existing Pre- & Post-Examination System to Create ERP Solution'.

Envelope containing both technical and financial bids:

“TECHNICAL AND FINANCIAL BIDS FOR ‘Re-Engineering/Replacement of Existing Pre- & Post-Examination System to Create ERP Solution’. To Be Opened Only by the Authorized Person/Committee.”

5.4. The quotation/tender may be sent at the following address:

The Incharge (Purchase & Store)
M.D. University, Rohtak – 124001 (Haryana)

5.5. The ownership of the software developed, configuration files, scripts, database, complete student record (digital and physical) and other data of this entire project shall be vested with M.D. University. The firm selected for the purpose shall provide the same to university in desired format as mutually decided.

5.6. The technical bids will be evaluated first as per the parameters given in Annexure-II. Financial bids of only technically sound parties will be opened. Technical and financial scores will carry weightage as **70:30**. Combined technical & financial scores computed. Technically better firms will be preferred and will be asked (in order of their technical score), if they can match the best combined evaluated score.

An Evaluated Bid Score (B) will be calculated for each responsive bid using the following formula, which permits a comprehensive assessment of the bid price and the technical merits of each bid:

$$B = \frac{C_{low}}{C} X + \frac{T}{T_{high}} (1 - X)$$

Where

C = Evaluated Bid Price

C_{low} = Lowest of all Evaluated Bid Prices among responsive bids

T = Total Technical Score awarded to the bid

T_{high} = Highest Technical Score achieved by the bid among all responsive bids

X = Weight for the Price as specified below

The Technical-to-Financial weightage ratio **70:30**. Hence, **X = 0.3**

The bid with the highest Evaluated Bid Score (B) among responsive bids shall be termed the Best Evaluated Bid.

- 5.7. The firm selected for the purpose shall be provided space and fixture-infrastructure by university for the awarded jobs at university premises. Infrastructure shall not include PCs and Special Software for development purpose. The infrastructure shall be maintained by the firm for the duration of the contract.
- 5.8. The proposed system shall be hosted centrally at the already existing University's Datacenter and premises for the same along with other infrastructure support (excluding additional computer hardware or software) will be provided by the University. Backup & Recovery sites for Datacenter will also be maintained by the successful bidder (infrastructure in form of Hardware & connectivity will be provided by the university). The successful bidder shall be responsible for maintenance and management of datacenter for all applications/software etc. relating to Pre- & Post-Examination System.

For the time being, the Backup & Recovery site will be within the university campus.

- 5.9. The firm selected for the purpose shall be responsible for maintenance of software/database/ records etc. till the satisfactory hand-over of the entire project to university.
- 5.10. During the development and maintenance tenure, the firm selected for the purpose shall be responsible for implementing any policy/administrative changes in the proposed system, which may affect the Pre- & Post-Examination System, without any extra cost/charges.
- 5.11. The firm selected for the purpose shall maintain complete confidentiality of all the operations relating to Pre- & Post-Examination System.
- 5.12. The firm selected for the purpose shall provide electronic support service through e-mail, SMS etc. to respond to the queries of all the stakeholders.
- 5.13. The firm selected for the purpose shall integrate all relevant operations of the Pre- & Post-Examination System with the other modules and University websites through import export functionality or by some other means.
- 5.14. The firm selected for the purpose shall place the infrastructure (computer hardware, software and manpower) in position within one month from the date of award of contract.
- 5.15. The schedule of computerization shall be divided into phases by mutual consultation between the university and the firm. The firm selected for the

purpose shall accomplish each phase within the time limit agreed to between the firm and the University. In case, the firm fails to accomplish the jobs within the specified period, the firm shall be liable to pay the University the compensation amount equivalent to 2% (two percent) of the total amount of the contract per month subject to a maximum of 25%. In case of significant delay, contract may be cancelled apart from the imposed penalty. Penalty shall be recovered from the invoice of the firm or their property or the firm shall deposit the penalty in cash if no other means is possible. Appeal against these orders shall, however, lie with the Vice-Chancellor, M.D. University, Rohtak whose decision shall be final.

5.16. In case, the firm selected for the purpose fails to execute the order on the rates, terms and conditions to be contained in the order, culminating into termination of contract, the firm shall be liable to such action as blacklisting, debarring from having any business with this University, forfeiture of earnest money/security, recovery of loss (minimum 10% (ten per cent) of the cost of the contract) that might be caused to the University.

5.17. The liquidity damages will not be more than the cost of the project, but the firm may have criminal liability if any criminality in the conduct/act is involved.

5.18. There will be no advance payment. The release of payments will be linked to clearly specified milestones of the project. Tentative Payment Plan is-

| Sr. No. | Item Description | Payment Milestone | %age |
|---------|--|---|--|
| 1. | Cost of Software Re-Engineering/ Replacement/Implementation & Migration | Requirement Sign-off Design Sign-off UAT Go-Live | 20% 20% 30% 30% |
| 2 | Cost for Outright development/purchase of the solution (perpetual license). | On installation of License S/W | 100% |
| 3 | Cost of other software licenses, if applicable, indicating details | On installation of License S/W | 100% |
| 4 | Cost of training | Pro-rata/ Quarterly | Equal installments |
| 5 | Cost of Hand-holding Services for 1(one) year | Quarterly | Equal installments |

| | | | |
|---|---|---------------------|--------------------|
| 6 | Post implementation Annual Maintenance Cost (AMC) for technical support | Quarterly | Equal installments |
| 7 | Any other cost (One time or recurring) | Pro-rata/ Quarterly | Equal installments |

5.19. The University shall not be liable for making any payment of claims made by the employees of the firm selected for the purpose.

5.20. The firm selected for the purpose shall not use any pirated software. The University shall not be responsible for any liability arising out of use of pirated software, if any. The University shall not be responsible for any suit for demands on account of infringement of copyright and other laws by the firm selected for the purpose.

5.21. The University shall provide electricity and water supply to the firm selected for the purpose at the electricity/water rates in force at the time of billing.

5.22. The University shall not provide any residential accommodation on the Campus to the staff of the firm selected for the purpose.

5.23. The following terms and conditions must be spelt out in the offer clearly:

- Rates.
- Taxes. Please note that the University does not issue Form 'C' or 'D'
- Payment terms.
- Delivery period.
- Guarantee/Warranty period.
- Post-sales service.
- Installation charges, if any.
- Validity period of the quotation.
- Bank charges, if any, are to be borne by the firm
- Misc. charges such as Packing & Forwarding charges, Insurance charges, etc., if any.

5.24. Charges not mentioned in the quotation/tender shall not be paid.

5.25. The offer must be valid for a period of at least three months from the date of opening of quotation/tender.

5.26. The firm selected for the purpose shall enter into a binding agreement with the University for Execution of the work/project.

- 5.27. The acceptance of the quotation/tender shall rest with the e-Governance Monitoring Committee, and the Committee does not bind itself to accept the lowest quotation and reserves the right to reject any or all items of quotation/tender without assigning any reason therefore. The Committee also reserves the right to accept quotation/tender in part i.e. any item or any quantity and to reject it for the rest.
- 5.28. Scope of work and qualifying criteria of the bidders may be amended, if required.
- 5.29. It is the University's policy to make all purchases from the manufacturers or exclusive distributors or authorized dealers/agents. If you are manufacturer/exclusive distributors/authorized dealer/agents, proof thereof may be supplied along with the quotation/tender failing which the same shall be liable to be rejected without assigning any reason.
- 5.30. The university is registered with the Department of Scientific and Industrial Research, Ministry of Science and Technology, New Delhi in terms of Govt. Notification No. 10/97-Central Excise dated 1 March 1997 and notification no. 51/96-Customs dated 23.07.1996. Thus the University is exempted from the payment of Custom Duty and Excise Duty. The consignee shall issue necessary certificates duly countersigned by the Registrar, M.D. University, Rohtak to avail exemption.
- 5.31. The quotee shall append a certificate with the quotation/tender that the firm has not been debarred/blacklisted for any reason/period by DGS&D, DS&D (Haryana) or any other Central/State Govt. Dept./University/PSU etc. If so, particulars of the same may be furnished. Concealment of facts shall not only lead to cancellation of the supply order, but may also warrant legal action.
- 5.32. TDS shall be deducted at source in accordance with the Income Tax Act/Rules in force from time to time.
- 5.33. In Case, any family member of the quotee is serving in the University, then the quotee must record a certificate to that effect on the offer, failing which the quotation/tender shall be rejected out rightly.
- 5.34. In Case, any other information/clarification is required, Director University Computer Centre may be contacted at Telephone No. 01262-393594 or dir.ucc@mdurohtak.ac.in on any working day (Monday to Friday) during office hours (9.00 a.m. to 5.00 p.m.)

- 5.35. Terms and conditions printed on Quotation/Invoice of the firm, if any, shall not be binding on the university , except those mentioned specifically on the supply order, and acceptance of the order shall be construed as the firm's agreement to all the terms and conditions contained in the order.
- 5.36. The dispute, if any, shall be subject to the jurisdiction of Courts at Rohtak, Haryana. Any other jurisdiction mentioned in the quotation/tender or invoices shall be invalid and shall have no legal sanctity.
- 5.37. Any dispute arising with regard to any aspect of this tender notice and subsequent MoU shall be settled through mutual consultation and agreement by the parties to the MoU. In case, settlement is not arrived at, the disputes(s) will come under the purview of Arbitration and Condition Act, 1996 of India and the area of jurisdiction will be at Rohtak. The appointment of Arbitration shall be decided by Joint Committee unanimously.

Annexure-I

University aims to provide an outline of the existing e-Governance modules for better understanding regarding the re-engineering/replacement of existing Pre- & Post- Examination System to an ERP solution. The following tables list the feature-wise description of activities performed in existing modules. Currently, university only aims for re-engineering/replacement of the existing Pre- & Post- Examination system.

In future, university may require the bidder to incorporate/implement other modules, such as hostel management, employee establishment/management etc, in the ERP solution. Consequently, brief description of such existing modules is also given below.

Note: Non-availability of proper integration between the e-Governance modules is one of the major discrepancies in the existing Pre- & Post- Examination system of university.

| Pre-Examination System (Online Admissions for University Teaching Departments) | | |
|---|---|---|
| S.No | Feature/Process | Description |
| 1. | Online Admission | |
| | New Registration | Candidate details (filling online application form) |
| | Eligibility Verification | Online Panel for marking eligibility of an applied student. |
| | Student Strength | Number of applied students |
| | Building Notice | Building/hall notice for sitting arrangement of entrance exam etc. as per student strength |
| | Print Order, Centre Statement, Confidential List | Reports related to cutlist/student details regarding the course-specific entrance exam, group discussion etc. |
| | Admit Cards/Roll Numbers | Online availability of admit cards to applied eligible-students. |
| | Entrance Exam (if applicable) OMR based | |
| | Entrance Exam Result Processing & declaration (OMR based) | |
| | Uploading Question papers and Keys on website after exam | |
| | Counseling/Interview/Group Discussion | |
| | Merit List | |

| Pre-Examination System (Registration in Affiliated Colleges of University) | | |
|---|--------------------------------|---|
| S.No | Feature/Process | Description |
| 1. | Registration Activities | |
| | New registration | College makes online registration of new/old students through Pre-examination panel. Eligibility verification, student migration etc. features are provided as per requirements of colleges/university. |
| | Reappear | |
| | Re-registration/Search/Edit | |
| | Import Student | |
| | Eligibility Verification | |
| | B.Ed. Eligibility Verification | |

| | | |
|-----------|---|---|
| | Student Migration | |
| 2. | Reports | |
| | Admission Summary | Various reports generated through the online panel related to student registration, strength, admit cards etc. |
| | Exam Cut List (student paper details) | |
| | View Student | |
| | Registration Card | |
| | Admit Card Report | |
| | Student Strength (gender, college, city, district wise etc) | |
| | RR Report | |
| | CR Report | |
| | Student Migration Report | |
| | Document Submission Report | Eligibility documents submitted by student |
| | Internal Assessment Report | Online Internal Assessment submitted by colleges/departments. |
| | Student Report | |
| 3. | Account Activities | |
| | Fund Transfer Report (FTR) Generate/Cancel | Fund Transfer Report (FTR) is created by a college/department mentioning the fund details, such as DD number date etc. with respect to the number of students applying to college/department. Importing the FTR data provided by the bank for student fee confirmation. |
| | FTR Rollback | |
| | FTR Student Swap | |
| | Edit DD/PO Details | |
| | Import Bank Data | |
| | Fund Transfer Re-Appear | |
| | FTR Confirm | |
| | Current Fund Transfer | |
| | Demand and Collection Register | |
| 4. | Accounts Reports | |
| | UTD Income Challan | |
| | Fund Transfer Summary | |
| | FTR Status | |
| | Head Wise Amount | University fee is distributed as per different heads. |
| | Income Challan | |
| | Bank Statement | |
| | Day Wise Income Challan | |
| | | |
| 5. | Examination Activities | |
| | Internal Assessment | Online submission of internal assessment marks by colleges/departments. |
| | Special Reappear Chance | Reports regarding the special reappear/mercy chance. |
| | External Assessment | Online submission of external assessment marks by colleges/departments. |
| | Swap Reappear Paper | |
| | | |
| 6. | Examination Reports | |
| | Allot Exam Code | Related to university examination process. |
| | Generate Paper | |
| | Admit Card | Issue of admit cards/roll numbers |
| | Centre Statement | Management of examination centres with respect to the student strength. |
| | Print Order | |
| | Confidential List | Consolidated list of students appearing in a specific examination centre. |
| | Result Report | |

| Post-Examination System | | |
|--------------------------------|---|---|
| S.No | Feature/Process | Description |
| 1. | Cutlist & Scheme Manager | |
| | Fetch/View/Update Cutlist | Cutlist (students' details for a specific course) is fetched from Pre-Exam module. Note: The isolation/un-integration of Pre- & Post-Exam modules results in various issues at this stage. |
| | Student name Correction | Correction in student, father or mother name. |
| | Scheme Manager | Manage (add/update/delete) post examination course-wise schemes. These schemes define the parameters for processing course-specific results. |
| | Cutlist & Scheme Verification | Mapping of pre- & post- examination subjects before proceeding to process results. |
| | Cutlist master | Ensures availability of fetching the cutlists from pre-exam module. |
| 2. | Awards Manager | Description |
| | Award Punching Panel | Online panel for punching/feeding the awards. Awards represent the marks provided by evaluators/examiners. |
| | Award Summary | Provides summary of course-specific awards punching. |
| | Award Correction | Panel for correction of mistakes in award punching. |
| | Absentee/UMC Report | Panel for uploading/feeding list of absent and Unfair Means Case/cheating (UMC) students |
| | Upload Marks by Excel | Additional feature to punching/feeding the awards in an excel template and uploading in the system. |
| 3. | Process Result | |
| | Error List | Comparison of punched awards with the cutlist and post-exam schemes for identification of errors thereof. |
| | Award Wanting list | Report regarding the not-punched/pending awards. |
| | Generate Result | Processing of result as per university norms; such as implementation of appropriate examination scheme, allocation of grace marks as per scheme etc. |
| 4. | Detailed Marks Card (DMC) & Degree | |
| | Print DMC | Generation and printing of DMCs in PDF formats for processed/declared results. |
| | View Degree | Currently Not available |
| | Old Student DMCs | Correction of student, father or mother name in old DMCs. |
| 5. | Report Section | |
| | Result Gazette Report | Consolidated report of course-specific result as per university format. |
| | Pass Percentage & other statistical reports | Consolidated pass percentage report of course-specific result as per university format. |
| | Merit List | Consolidated merit list report of course-specific result as per university format. |
| | Result Sheet Report | Consolidated result sheet report of course-specific result as per university format. |
| | View Log | Not yet properly implemented |
| 6. | Results | |
| | Result Publish | Publishing a course-specific result on university website |
| | Student Result | |
| | Upload Result by Excel | |
| | Result Notice Board | |

Further, following tables provide brief description about the other isolated/un-integrated modules of e-Governance in university. In future, if required university may ask the bidder to integrate the following modules with the ERP solution.

| Employee Establishment Section | | |
|---------------------------------------|------------------------------|--|
| S.No | Feature/Process | Description |
| 1. | Admin Section | |
| | View list of all Employees | General features relating to employee management by university admin/superadmin. |
| | Add New Employee | |
| | Search Employees | |
| | Lookup Type List | |
| | Lookup Type Master | |
| | User Permission | |
| | Leave Register | |
| | Add Leave Matrix | |
| | Add Previous Remaining Leave | |
| | Change Password | |
| 2. | Employee Section | |
| | View/Edit Profile | General features relating to employee management. |
| | Leave Request | |
| | Leave Approver | |
| | View Holidays | |
| | Change Password | |
| 2. | Reports | |
| | Generate Payslip | General reporting features as per university requirements/formats. |
| | PF Passbook | |
| | PF Register Two | |
| | DPS Report Register | |
| | Conveyance Loan Report | |
| | Home Loan Report | |
| | Computer Loan Register | |
| | Marriage Loan Report | |
| | Pension Report | |

| Faculty House Management System | | |
|--|--|--|
| S.No | Feature/Process | Description |
| 1. | Online Booking | General features relating to faculty house management. |
| 2. | Guest Login (to view the details of the booking) | |
| 3. | Admin tasks:- | |
| | Lookup Master | |
| | Space Charges/Rents | |
| | Space Master | |
| | Add/Edit New User | |
| | Permission Master to configure the permission access | |
| | Space Permission | |
| | Reception | |
| | Online Booking of rooms for guest | |
| | Verification Master to confirm the booking of the guests | |
| | Mess Service | |
| | Cash Book | |
| | Previous Guest Entry | |
| 4. | Report | |

| | | |
|--|------------------|---|
| | Revenue Reports | General reports as per university requirements/formats. |
| | Search Panel | |
| | Outstanding Dues | |
| | Guest Entry | |
| | Cash Book Report | |

| Hostel Management System | | |
|--------------------------|------------------------------|--|
| S.No | Feature/Process | Description |
| 1. | Hostel Registration | General features/activities regarding the hostel management system for students. |
| | Profile Updation | |
| | Guest Registration | |
| | Mess Selection | |
| 2. | Registration Approval | |
| | Dashboard | |
| | View Student Records | |
| | Hostel Manager | |
| | Charges Master | |
| | Room Manager | |
| | Bed Manager | |
| | Allotment Master | |
| | Payment Master | |
| | Payment Manager | |
| | Permission Manager | |
| | Hostel Matrix | |
| | Department & Course Manager | |

| Research Programmers and Thesis Module | | |
|--|---|---|
| S.No | Feature/Process | Description |
| 1. | Synopsis/Thesis/Project | General features relating to uploading/modification/searching of research and thesis material on panel. |
| | Upload Thesis/Project/Synopsis | |
| | Edit/Modify | |
| | Delete | |
| 2. | Search (Synopsis/Thesis/Project) | |
| | Keyword Search | |
| | Basic Search | |
| | Advanced Search | |
| 3. | Browse | |
| | Title Wise | |
| | Scholar Wise | |
| 4. | Setup Permission | |
| | Research Permission | |
| | Menu Permission | |
| | New Users | |

| E-Tendering Portal | | |
|--------------------|--|---|
| S.No | Feature/Process | Description |
| 1. | Latest Tenders to download the tender documents | The panel aims for automating the end-to-end tender processes followed in university. |
| | Tenders by Value search | |
| | Tenders by Classification search | |
| | Tenders in Archive search | |
| | Tenders by Closing search | |

| | | |
|----|----------------------|--|
| | Latest Announcements | |
| | Latest Corrigendums | |
| 2. | Bidders Login | |
| 3. | New User | |
| 4. | Dashboard | |
| | Change Password | |
| | Edit Profile | |
| 5. | My Tenders | |
| | Bidding Process | |
| | My Bids | |
| 6. | Admin Section | |
| | Announcements Master | |
| | Tender Master | |
| | Add New Tender | |
| | Bank Master | |
| | View Bidders | |

| Transportation Management System | | |
|---|------------------------------------|---|
| S.No | Feature/Process | Description |
| | Set up Masters | |
| | Vehicle History | The module aims to automate end-to-end activities of the transportation department. |
| | Battery Master | |
| | Tyre/Tube Master | |
| | Vehicle Log Master | |
| | Tractor Log Master | |
| | Vehicle Particulars | |
| | Fuel Master | |
| | Vehicle Repair | |
| | Demand and Collection Register | |
| | Vehicle Requisition Form | |
| | Vehicle Requisition Form for Buses | |
| | Driver's Duty Register | |
| | Bill for Use of Vehicle | |
| | Log book | |

Annexure-II

| S.No | Parameter/ Criteria | Max. Marks |
|------|--|------------|
| 1 | Past Experience | 35 |
| | a) Experience (of bidder) in conducting studies in the field of Management Processes Automation for reputed University 3 marks for each such study will be given | 15 |
| | b) Experience in development and implementation of Education Resource Planning (EdRP) system for university having student strength of 25,000 (Product/Bidder) i. For 1 such project 5 marks will be given ii. For additional project 5 marks will be given per project | 20 |
| 2 | Financial strength of the bidder company (Turnover of company over each of last three years) i. For Rs. 50 Crore average turnover in the years 2012-13, 2011-12 and 2010-11, 2 marks will be given ii. For every additional Rs. 10 Crore average turnover in the last 3 years, 2 marks will be added | 15 |
| 3 | Demonstration and proof of concept of the compliance to the functional requirements (Product/Bidder). | 50 |
| | a) Student Portal | 5 |
| | b) Affiliated College Portal | 5 |
| | c) End to End Admission and Enrollment Management | 10 |
| | d) Examination Management (pre-exam and post exam management) | 20 |
| | e) Online training and placement system/portal Research/PhD/Funded Projects Management | 5 |
| | f) Finance Fees and Funds Management System | 5 |