



Bihar School Examination Board

Sinha Library Road, Patna-800017

CORRIGENDUM TO e-Tender Notice No- PR 55/2018

With reference to tender notice No:- PR-55/2018 issued in various newspapers on 13th March 2018 for “Development, Customization, Implementation and Operational Maintenance Support for Online Facilitation System for Students”, as per discussion held in pre-bid meeting on 19th March 2018, a corrigendum has been issued and uploaded on website www.eproc.bihar.gov.in and www.biharboard.ac.in

Following clauses are amended as:

| S. N | Section/ Annexure | Particular s | Page no. | Existing Clause | Amendment (New Clause) |
|------|---|--|----------|--|--|
| 1 | <u>5.1Pre-Qualification Criteria</u> | 1. Legal Entity | 37 | The bidder should be a proprietary/partnership firm, a trust/society, software development/IT services/ ITeS company registered under the Indian Companies Act and must be in operation since last 7 years as on Documents Required:- Work orders confirming 10 years of operation | The bidder should be a proprietary/partnership firm, a trust/society, software development/IT services/ ITeS company registered under the Indian Companies Act and must be in operation since last 5 years as on Documents Required:- Work orders confirming 5 years of operation |
| 2 | <u>5.1Pre-Qualification Criteria</u> | 7. Technical Capability | 38 | The bidder should have executed at least one project of Online Pre and Post Examination Software, center allocation, issue Admit card, conducting examination etc of value at least of Two Crore. Executed the project of Online Examination Form Fill up of more than 5L candidates for a single project. | The bidder should have executed at least one project of Online Pre and Post Examination/ Admission Software of value at least of Two Crore. |
| 3 | <u>5.1Pre-Qualification Criteria</u> | 6. Technical Capability | 5 | The bidder should have experience of two successful implantation of UMS/ university ERP to center/ state Govt /public enterprises/ education boards/ university. The project value should be of at least Two Crore. | The bidder should have experience of two successful implantation of UMS/ university ERP/ e-govt solution for Education to center/ state Govt /public enterprises/ education boards/ university. The project value should be of at least Two Crore. |
| 4 | 2. Scope of Work | Software Module 2. Student Enrolment Module with Eligibility, Migration and | 10 | Set eligibility process in the system. Check login credentials of Academic section if OK allows access to system. Steps to set the process are 1. Enter details from the provisional eligibility form filled by a particular student in the system. 2. Accept and validate the data. 3. Devise the numbering system for | Set eligibility process in the system. Check login credentials of Academic section if OK allows access to system. Steps to set the process are 1. Enter details from the provisional eligibility form filled by a particular student in the system. 2. Accept and validate the data. 3. Devise the numbering system for |

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| | | Transcripts Eligibility Module | | <p>eligibility case number.</p> <ol style="list-style-type: none"> 4. Design the eligibility certificate 5. On validation print and issue eligibility certificate 6. Confirmation of Eligibility 7. Issue final confirmation of admission (Link to declaration of results ie. Withhold the result if not confirmed) 8. Save data into database. <p>Enrolment Module Set enrollment process in the system. Check login credentials of Academic section if OK allow access to system. Steps to set the process are</p> <ol style="list-style-type: none"> 1. Get the application form filled by the student at the respective college. 2. Enter details from the application form into the system. 3. Accept the data. System should implicitly check for the re-registration cases. 4. Devise the numbering system for issuing registration number. 5. Design the registration card. 6. On validation print and issue registration card. 7. Save the data into database. 8. In addition design and maintain student register. <p>Migration Set Migration process in the system. Check login credentials of Academic section if OK allows access to the system. Steps to set the process are</p> <ol style="list-style-type: none"> 1. Get the migration form duly filled by the student. 2. Enter details from the application form into the system. 3. Accept and validate the data. System should implicitly check the passing records of the respective student & confirmation of Admission / Eligibility. 4. Design the migration certificate. 5. On validation print and issue migration certificate. 6. Save the data into database. 7. In addition provision should be made to issue duplicate migration certificate | <p>eligibility case number.</p> <ol style="list-style-type: none"> 4. Design the eligibility certificate 5. Confirmation of Eligibility 6. Issue final confirmation of admission (Link to declaration of results ie. Withhold the result if not confirmed) 7. Save data into database. <p>Enrolment Module Set enrollment process in the system. Check login credentials of Academic section if OK allow access to system. Steps to set the process are</p> <ol style="list-style-type: none"> 1. Get the application form filled by the student at the respective college. 2. Enter details from the application form into the system. 3. Accept the data. System should implicitly check for the re-registration cases. 4. Devise the numbering system for issuing registration number. 5. Design the registration card. 6. On validation print and issue registration card. 7. Save the data into database. 8. In addition design and maintain student register in softcopy <p>Migration Set Migration process in the system. Check login credentials of Academic section if OK allows access to the system. Steps to set the process are</p> <ol style="list-style-type: none"> 1. Get the migration form duly filled by the student. 2. Enter details from the application form into the system. 3. Accept and validate the data. System should implicitly check the passing records of the respective student & confirmation of Admission / Eligibility. 4. Design the migration certificate. 5. Save the data into database. 6. In addition provision should be made to issue duplicate migration certificate |
| 5 | 2. Scope of Work | Software Module 4. Course Management | 11 | <p>Course Management All the prerequisite transactions shall be done by system administrator before academic and examination section utilizes the system. Check login credential of system administrator if OK allow access to system. The list of events to be executed by Administrator are</p> <ol style="list-style-type: none"> 1. Define courses conducted by the university under different categories. Those are Under- Graduate 2. Define course structure or scheme of examination for each of the courses under all the categories. 3. Define papers included under each of the courses. | -Deleted- |

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| | | | | <p>4. Enter details of the papers such as its nomenclature, paper type like Theory or Practical etc.</p> <p>5. Enter the marks details for each paper type which includes max, min marks for passing etc.</p> <p>6. Define passing, gracing, exemption logic for each course separately. This shall also include various checks such as even and odd semester passing criteria for some of the courses, sports and grace marks etc.</p> <p>7. Validation of student's eligibility for taking a particular course.</p> <p>8. Enter the details of all the colleges/Institutions affiliated to University.</p> <p>9. Link the courses conducted by individual college.</p> <p>Any changes in the above listed events should be updated in the system by administrator or primary user of a particular section in the following cases.</p> <p>1. Modification of existing course by introducing new subject / syllabus / paper. The administrator should be able to attach the new course structure to an existing course conducted by University keeping the old structure as valid and its applicability.</p> <p>2. Multiple course structure attached to the same programme.</p> <p>3. Changes in the pattern or duration of programme.</p> <p>Changes in the Course structure shall result into defining new course structure for existing students. The list of events in this case can be listed as below</p> <p>1. Provision should be kept in the system wherein a student having backlogs of an</p> | |
| 6 | 2. Scope of Work | Software Module 4. Examination Management | 12 | <p>1. Complete Pre and post Examination Management Process.</p> <p>Set Pre-Conduct Procedure of examination. Check login credentials of Examination Section if OK allow access to system. Steps to set the process are</p> <p>2. Selecting the panel of examiners as per ordinance from master panel.</p> <p>3. Appointment of chief conductor for the examination centre</p> <p>4. Appointment of examiners including reserve examiner</p> <p>5. Design exam form</p> <p>6. Select examiners for paper setting, assessment, evaluation, revaluation, dissertation, practical etc separately.</p> <p>7. Online submission of examination form / capture of examination details of the student along with fees collection.</p> <p>8. Generate seat numbers & print hall tickets, student register & other related reports.</p> <p>9. Preparation of remuneration bill of the paper-setter's & examiners.</p> <p>Set Conduct procedure of examination.</p> | <p>1. Complete Pre and post Examination Management Process.</p> <p>Set Pre-Conduct Procedure of examination. Check login credentials of Examination Section if OK allow access to system. Steps to set the process are</p> <p>2. Design exam form</p> <p>3. Online submission of examination form / capture of examination details of the student along with fees collection.</p> <p>4. Generate Roll numbers & upload hall tickets, student register & other related reports.</p> <p>Set Conduct procedure of examination. Check login credential of examination section if OK allow access to system. Steps to set the processes are.</p> <p>1. Generate code numbers & Mark Input forms</p> <p>Set Post-Conduct procedure of examination. Check login credentials of</p> |

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| | | | <p>Check login credential of examination section if OK allow access to system. Steps to set the processes are.</p> <ol style="list-style-type: none"> 1. Exams conducted at various centers. 2. Generate code numbers & Mark Input forms 3. Printing of OMR Answer books along with attendance sheet & other details received by university. 4. Transfer code numbers on answer books. 5. Student's exam attendance along with answer sheet numbers is updated in the system. 6. Answer sheets along with marks input forms are assigned for checking to various evaluators / faculty members in centralized mode or across colleges. 7. Receipt of Mark Input forms from respective examiner. 8. Examiner would enter the Practical marks on the system and automatically consolidation can happen in the system. 9. Provision of double entry of marks / scanning in the system. 10. Keep provisions for multiple evaluations (also section wise). 11. Record the cases reported on unfair means. 12. Provision of Online On-screen Marking system. <p>Set Post-Conduct procedure of examination. Check login credentials of examination section if OK allows access to system. Steps to set the process are</p> <ol style="list-style-type: none"> 1. Enter the marks from mark input form into the system. 2. Allocation of entitlement marks. 3. Process the results. System should run the gracing and logic engine implicitly to process the results. 4. The result format changes from course to course. System Administrator should be able to design/modify the format as and when required. 5. Prepare and print result register, marks card, passing certificates etc. 6. Provision for revaluation and verification. 7. Payment of remuneration to the examiners. 8. Print Provisional degree certificates as per the request. 9. Statistical record to be maintained. 10. List of ranker / topper and awarding for scholarships / medal as per the endowments. 11. Mailing of result to the students. | <p>examination section if OK allows access to system. Steps to set the process are</p> <ol style="list-style-type: none"> 1. Process the results. System should run the gracing and logic engine implicitly to process the results. 2. The result format changes from course to course. System Administrator should be able to design/modify the format as and when required. 3. Statistical record to be maintained. 4. List of ranker / topper and awarding for scholarships / medal as per the endowments. 5. Mailing of result to the students. | |
| 7 | 2.4.1Setting up of State PMU for | Constituents of state PMU | 27 | <p>Sr. Developer – 2 Developer – 3</p> | <p>Sr. Developer – 1 Developer – 1</p> |

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|----|--|---------------------------|----|---|---|
| | Application Support | | | | |
| 8 | 3.Timeline & Payment Terms | 3.1 Timeline chart | 32 | Phase- II Submission of SRS T0 + 1 Months Security Audit T0 + 5 Months Go-Live T0 + 6 Months Phase- III Submission of SRS T0 + 7 Months Security Audit T0 + 8 Months Go-Live T0 + 9 Months Helpdesk Executive Deployment of Helpdesk Executive -T0+1 Month | Phase- II Submission of SRS T0 + 3 Months Security Audit T0 + 6 Months Go-Live T0 + 7 Months Phase- III Submission of SRS T0 + 8 Months Security Audit T0 + 9 Months Go-Live T0 + 10 Months Helpdesk Executive Deployment of Helpdesk Executive - T0+1 Month Onward |
| 9 | 3.Timeline & Payment Terms | 3.1 Payment Terms | 32 | CAPEX A Go-Live or Launching of Portal of Phase I 20% of Total amount of CAPEX A Go-Live or Launching of Portal of Phase II 30% of Total amount of CAPEX A | CAPEX A Go-Live or Launching of Portal of Phase - 30% of Total amount of CAPEX A Go-Live or Launching of Portal of Phase II 20% of Total amount of CAPEX A |
| 10 | Indicative Volume | 1.1 | 8 | --- | (-New Addition-) Indicative volume For Inter Colleges - Around 7-10 L students take admission every year For Degree Colleges - Around 5L students take admission every year (These are indicative volume of students, There will be large variations in actual number of students) |
| 11 | 2.2.1.6 Examination Pattern: | 2.2.1.6 b. | 15 | -- | (-New Addition-) b) For Intermediate, there will be 11th std Exam and for Degree colleges, there will be 1st year, 2nd year and 3rd year exam. |
| 12 | 2.2.1.8 Examination Online Form fill up | 2.2.1.8 c. | 19 | c)Online form fill-up will be done for all the courses conducted by BSEB such as Arts, Science, Commerce, Vocational, Correspondence for all type examinations like Annual (Regular & Ex-Regular), Compartmental, Instant Examination, etc. | c)Online form fill-up will be done for all the courses such as Arts, Science, Commerce, Vocational, Correspondence for all type examinations. |

13.

8.3.1 Commercial Bid Format has been changed as :

Cost for Design, Development, Operation & Maintenance Support

Service Provide is to plan the number of resources & their engagement duration (in months) of each category is required during O&M phase to conduct the OFSS online

admission & administration system throughout the session and accordingly quote. It should be match with resources mentioned in Technical Bid :

Component A

| SI. NO | Description | Cost (Exclusive of GST)* | | | |
|--------------------|--|--------------------------|--------------|----------------|--------------------------------|
| CAPEX A | | | | | |
| 1. | Design, development, training and implementation cost of OFSS as per the Scope of the Work | | | | |
| 2. | Annual Maintenance Cost of the Software for the Second Year | | | | |
| 3. | Annual Maintenance cost of the Software for the third Year | | | | |
| | Total of CAPEX A | | | | |
| COMPONENT B | | | | | |
| OPEX B: | | | | | |
| | Resource | No of Resources | No of Months | Man Month Rate | Total Cost (Exclusive of GST)* |
| 4 | Project Manager | 2 | 24Months | | |
| 5 | Functional Consultant | 1 | 24 Months | | |
| 6 | Database Administrator | 1 | 24 Months | | |
| 7 | Sr. Developer | 1 | 24 Months | | |
| 8 | Developer | 1 | 24 Months | | |
| 9 | Helpdesk Executive | 5 | 24 Months | | |
| 10 | District PMU[For 38 district and different institutions site][Technical Executive] | 75 | 24 Months | | |
| | Total of OPEX B | | | | |
| | Total of CAPEX A And OPEX B | | | | |

*GST will be applicable as per the Prevailing Rates

The financial cost for the evaluation of the Financial Bid will be considered for only component A.