No. KSEDC/ITS/P435/2025-26 [E-294492]   20.02.2026

INVITATION FOR QUOTATIONS (IFQ)
TO APPOINT A SERVICE PROVIDER FOR
TURNKEY PROJECT OF STUDY, DETAILED FRS PREPARATION, DESIGN, DEVELOPMENT, TESTING, COMMISSIONING AND WARRANTY OF 6TH CLASS ENTRANCE EXAMINATION APPLICATION FOR MINORITY WELFARE DEPARTMENT

1. Sealed quotations are invited from eligible and qualified Companies / Firms to appoint a service provider for Turnkey Project of Study, Detailed FRS Preparation, Design, Development, Testing, Commissioning and Warranty of 6th Class Entrance Examination Application for Minorities Welfare Department, in the format given below:

Sl	Item	Quantity	Unit	Unit Rate (including GST) (in Rs.)	Amount (including GST)
1	Study, Detailed FRS Preparation, Design, Development, Testing, Commissioning and Warranty of 6th Class Entrance Examination Application for Minorities Welfare Department	1	Lump sum		
2	Printing of Optical Mark Recognition (OMR) sheets	70,000	nos.		
	Total				

2. **Eligibility Criteria**
    2.1.   The Applicant should be registered with the Commercial Tax Department. The Applicant should submit the GST Registration certificate.

3. **Scope of Services to be provided by the Service Provider**
    3.1.   Directorate of Minorities invites applications from eligible students through the Seva Sindhu portal for admission to 6th Class for the academic year 2026-27 in Dr. A.P.J. Abdul Kalam Residential Schools, Morarji Desai Residential Schools for Minorities, Government Muslim Residential Schools under the Directorate of Minorities from 05.01.2026 to 10.02.2026. It is expected that approximately 60000 to 70000 applications will be received.
    3.2.   It is required to conduct a state-level entrance examination for admission to class 6 of the said schools of the Directorate in the months of March or April 2026.
    3.3.   The broad scope of work of the entrance examination application is as given below:
        3.3.1.   The service provider shall provide online hall tickets/admission tickets to all eligible applicants and ensure allotment of examination centres through an online system.
        3.3.2.   The service provider shall manage online room allocation at examination centres, generation of nominal rolls, and maintenance of attendance of students as well as examination staff.
        3.3.3.   The service provider shall undertake OMR-based services, including scanning, processing, and tabulation of examination results.
        3.3.4.   As per district-wise merit and roster rules and in accordance with the directions of the Department, the service provider shall prepare and submit school-wise provisional selection lists, final selection lists, and subsequent second, third, and additional selection lists.
        3.3.5.   For districts identified as required by the Department, the service provider shall prepare and submit district-wise merit-based and roster-compliant school-wise

provisional and final counselling selection lists, along with second, third, and additional counselling selection lists, as per departmental directions.

3.3.6. The service provider shall develop and provide district-wise and school-wise login credentials for technical services and software applications under the control of the Department. Further, a dedicated administrative (Admin) login shall be provided to the Department for generating all required reports and monitoring purposes.

3.3.7. The service provider shall be responsible for the development, operation, and maintenance of the technical services and software for a period of six (6) months from the date of commencement of the examination process. Upon completion of the said period, the entire system, software, data, and related services shall be duly handed over to the Department.

3.3.8. To maintain strict confidentiality of the software application, data, OMR, process, etc. at all times.

3.4. The Service Provider should design and develop secure data ingestion modules as given below:

3.4.1. Implemented automated data extraction from CSV, Excel, Database, and APIs

3.4.2. Customized validation and data cleansing mechanisms

3.4.3. Integrated audit logging and role-based access controls

3.4.4. Developed an automated exam center allotment engine

3.4.5. Implemented rule-based allocation with capacity and location constraints

3.4.6. Customized conflict detection and resolution logic

3.4.7. Enabled manual override with approval workflow integration

3.4.8. Designed and developed dynamic hall ticket generation module

3.4.9. Implemented bulk PDF generation with secure watermarking

3.4.10. Customized hall ticket layouts and branding templates

3.4.11. Integrated secure download and access controls

3.4.12. Developed nominal roll generation and management module

3.4.13. Implemented center-wise and school-wise data grouping

3.4.14. Customized sorting and filtering logic

3.4.15. Enabled export functionality in PDF and Excel formats

3.4.16. Designed and developed digital attendance management system

3.4.17. Implemented real-time and offline attendance synchronization

3.4.18. Integrated verification, locking, and audit mechanisms

3.4.19. Customized attendance workflows for exam centers

3.4.20. Designed and developed real-time monitoring dashboard

3.4.21. Integrated live data visualization and analytics

3.4.22. Implemented alert and notification mechanisms

3.4.23. Customized role-based dashboard access

3.4.24. Developed mobile-based invigilator attendance application

3.4.25. Implemented GPS-based geo-fencing and location tracking

3.4.26. Integrated camera capture with timestamp verification

3.4.27. Secured attendance data with tamper-proof submission

3.4.28. Designed and developed OMR scanning and valuation module

3.4.29. Integrated high-speed OMR scanner compatibility

3.4.30. Implemented automated answer evaluation and scoring logic

3.4.31. Developed secure result processing and storage mechanisms

3.4.32. Integrated barcode and QR code technologies

3.4.33. Developed print-ready, scanner-compatible formats

3.4.34. Ensured alignment accuracy and error tolerance

3.4.35. Developed automated merit and selection list generation engine

3.4.36. Implemented school-wise, category-wise, and quota-based logic

3.4.37. Customized tie-breaking and ranking rules

3.4.38. Enabled exportable and verifiable selection lists

        3.4.39.   Customized and re-engineered hall ticket templates

   3.5.   The Service Provider should implement multilingual and dynamic field support as given below:

        3.5.1.   Integrated approval and publishing workflows

        3.5.2.   Ensured compliance with examination authority standards

        3.5.3.   Implemented QR code generation and embedding in hall tickets

        3.5.4.   Developed QR scanning-based student attendance module

        3.5.5.   Integrated real-time validation with central database

        3.5.6.   Implemented duplicate and proxy attendance prevention logic

        3.5.7.   Designed and developed comprehensive reporting module

        3.5.8.   Implemented gender-wise, religion-wise, category-wise, and district-wise analytics

        3.5.9.   Integrated graphical and tabular reporting formats

        3.5.10.   Enabled scheduled and on-demand report generation

        3.5.11.   Designed and deployed role-based access control (RBAC)

        3.5.12.   Implemented secure authentication and data encryption

        3.5.13.   Developed scalable and high-availability system architecture

        3.5.14.   Integrated audit logs, backup, and disaster recovery mechanisms

3.6.   **Audit Trail:** Implementation of audit trail, dashboards, reports generation for administrative monitoring.

3.7.   **Warranty for 6 months:** Warranty for 3 years, including bug fixing, change requirements, maintenance, onsite technical support, etc. for 3 years.

3.8.   **Intellectual Property Rights (IPR):** The Intellectual Property Rights (IPR) of applications, databases, data, source code, technical documents, etc. shall be exclusively owned by the Client and should be submitted to the Client.

3.9.   **Milestone based approvals:** Should present the document, software, etc. and obtain approvals and certificate of completion for each milestone.

3.10.   **User Manuals**: Should provide document based and video based user manuals for the application.

3.11.   **IT Security Audit**: Should carry out yearly IT Security Audit of the application through CertIN empaneled IT Security Auditor and submit the Safe-to-host certificate to the Client.

3.12.   **Device Agnostic**: Application should be web based, responsive, device agnostic and operating system agnostic.

3.13.   **Data Entry and/or Porting**: Should carry out one time master data entry and/or data porting. Should carry out one time transaction data entry and/or data porting.

3.14.   **Application Deployment**: Should deploy and maintain the application in the testing and production environment as required by the Client.

3.15.   Any other services required for the successful development, deployment, operations and warranty of application.

4.   Milestones, Deliverables, Timeframe, and Payment Terms

Sl	Milestones	Deliverables	Timelines	Payment Terms
1	Award of Contract	• Letter of Intent to Service Provider	T	–
2	Requirement Study	• Detailed Functional Requirements Specification (FRS) document • Approval of FRS document by Competent Authority	T + 0.5 month	10% of contract value
3	Design, Development and Testing	• Screen designs • Web based application as per detailed FRS	T + 1.5 months	10% of contract value

SI	Milestones	Deliverables	Timelines	Payment Terms
		• One time master data entry		
4	User Acceptance Test	• Deployment of application in test environment • User Acceptance Test Report certified by Competent Authority • User Manual • Handover of Source code, database and step-by-step deployment instruction document	T + 2 months	30% of contact value
5	IT Security Audit	• Safe to Host certificate issued by CertIN empaneled auditor	T + 2.5 months	20% of contract value
5	Application Deployment	• Deployment of final application in production environment • Go-live of application	T + 2.5 months	20% of contract value
6	Warranty	• Certification of completion of 1st year warranty services by Competent Authority	T + 9 months	10% of contract value

5. Contract Duration

5.1.   The contract shall be for a period of 9 months from the date of issue of Letter of Intent.

6. Quoted Price:

6.1.   The Applicant shall quote for items in the format of quotation attached.

6.2.   All duties, taxes and other levies payable by the tenderer (including GST) shall be included in the quotation.

6.3.   The rates and amount quoted shall be fixed for the duration of the contract and shall not be subject to any adjustment.

6.4.   Rates for supply of partial requirements is not acceptable.

6.5.   Corrections, if any, shall be made by crossing out, initialing, dating and rewriting.

6.6.   Cable or Facsimile quotations are not acceptable.

7. Each tenderer must submit only one quotation.

8. Validity of quotations:

8.1.   The quotation shall remain valid for a period not less than 60 days after the deadline fixed for submission of quotations.

9. Evaluation of quotations:

9.1.   The Client will evaluate and compare the quotations to determine the L1 quotation as follows:

9.1.1.   The evaluation will be done including all taxes. If the tenderer has not included the taxes in his quotation for the item rate, and has also not indicated the rate of taxes applicable, the quoted rate will be treated as though it is inclusive of taxes and no extra payment for taxes will be made.

9.1.2.   The evaluation would be done for all the items put together. The items for which no rates have been quoted would be treated as zero and the total amount would be computed accordingly. The tenderer who has quoted for partial quantity of any one or more item(s) would be treated as non-responsive. The Client will award the contract to the responsive tenderer, whose total cost for all the items put together is the lowest.

10. At any time during the IFQ process, the Client reserves the right to cancel the quotation process.

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

12. **Last date and time of receipt of quotations:**

    12.1. You are requested to submit the sealed quotations superscribed on the envelope **"INVITATION FOR QUOTATIONS (IFQ) TO APPOINT A SERVICE PROVIDER FOR TURNKEY PROJECT OF STUDY, DETAILED FRS PREPARATION, DESIGN, DEVELOPMENT, TESTING, COMMISSIONING AND WARRANTY OF 6TH CLASS ENTRANCE EXAMINATION APPLICATION FOR MINORITY WELFARE DEPARTMENT"** on or before 26.02.2026.

Director Finance
KEONICS, Bengaluru