

State Council of Educational Research and Training (SCERT), Bihar, Patna

Expression of Interest (EOI)

Development of Portal / Mobile Application for School Assessment and Accreditation under Bihar SQAAC

EOI No.: SCERT/SQAAC/2026/2762	Date: 17-06-2026	Submission: within 7 days of issue/publication
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1. Invitation and Background

SCERT, Bihar invites Expression of Interest from eligible technology agencies, EdTech organisations, system integrators, assessment institutions, research bodies and consortia for design, development, deployment, integration, operation and maintenance of a web portal and mobile application for assessment and accreditation of all schools in Bihar under the **Bihar School Quality Assessment and Assurance Framework (Bihar SQAAC)**. The system shall be designed to cover approximately **75,000 government schools across 38 districts and 534 blocks** of Bihar, supporting all levels from school head to State administrator.

Bihar SQAAC has been developed to enable schools to undertake structured self-assessment, set improvement targets and progress towards defined quality standards, in alignment with the **National Education Policy (NEP) 2020** and the **National Curriculum Framework for School Education (NCF-SE) 2023**. The framework covers five domains: Administration, Curriculum, Assessment, Infrastructure and Inclusiveness. This portal represents the **first-ever digitisation** of the SQAAC cycle in Bihar; no prior digital system or historical data exists and the platform must be built entirely from ground up. The proposed system shall digitise the complete SQAAC cycle, including school self-assessment, evidence capture, validation, scoring, accreditation, improvement planning and monitoring. **Assessors** under this system shall be authorised functionaries identified by SCERT — including DIET faculty, Block Resource Persons (BRPs) and other designated academic personnel — responsible for desk review and field verification of school submissions.

2. Objectives

Universal Coverage Digital assessment and accreditation platform for all government and eligible schools in Bihar.	Evidence-Based Validation Document/photo/video evidence upload, geo-tagging and validation by authorised assessors.
Improvement Planning School-wise improvement plan based on SQAAC gaps and follow-up monitoring.	Accountability Role-based workflow, audit trail, time-bound review, grievance/rectification and accreditation record.

3. Scope of Work / Functional Requirements

The agency shall propose a secure, scalable and user-friendly portal/application with the following minimum modules and functionalities:

<ul style="list-style-type: none"> Role-based access for SCERT, Directorate/State admin, district/block officials, assessors, school heads and authorised users. Digital SQAAC forms mapped to all domains, sub-domains, standards, evidence requirements and performance levels. School profile, UDISE code, location, management, level and category mapping with approval workflow. Self-assessment module with save-as-draft, evidence upload, declaration and final submission. Assessor module for desk review, school visit, evidence validation, observations and score confirmation. Automated computation of raw score, domain score, weighted score, overall category and accreditation status. 	<ul style="list-style-type: none"> School improvement plan module with action points, timelines, responsible person and progress tracking. Dashboards for school, block, district and State level with filters and exportable MIS reports. Accreditation certificate/report generation with validity, version history and reassessment cycle. Mobile app for field assessment with offline/low-bandwidth functionality, timestamping and geo-tagged evidence. Notifications, reminders, pending-action alerts, helpdesk, FAQs, training resources and user manuals. Bilingual interface, preferably Hindi and English, with simple workflows suitable for school users.
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4. SQAAC Scoring, Accreditation and Workflow

The system shall fully reflect the Bihar SQAAC scoring structure. Each standard shall support three performance levels: **Abhilasha** (Aspiring — schools at an initial stage, working towards meeting basic quality standards), **Pragati** (Progressing — schools demonstrating consistent improvement and partially meeting quality standards), and **Jagriti** (Achieving — schools meeting or exceeding defined quality standards with evidence of sustainable practice). Domain-wise weighted scoring shall be configurable as per SCERT-approved SQAAC: Administration 20%, Curriculum 20%, Assessment 30%, Infrastructure 20% and Inclusiveness 10%. Any change in standards, weights, evidence requirements or accreditation categories shall be configurable by authorised SCERT administrators without major software redevelopment.

End-to-end workflow shall include: school registration/profile verification, self-assessment, evidence upload, assessor allocation, desk review, field verification, score validation, accreditation recommendation/approval, certificate/report generation, improvement plan, follow-up monitoring, reassessment and archival of historical records.

5. Technical, Security and Integration Requirements

<ul style="list-style-type: none"> Scalable, cloud-ready architecture capable of handling all schools of Bihar and large concurrent users. Secure integration readiness with State systems including e-Shikshakosh/UDISE+ mapping/school master data through approved APIs. Role-based access control, secure authentication, audit logs, encryption in transit and at rest, backup and disaster recovery. Configurable master data for domains, standards, scores, accreditation categories, evidence types and report formats. PDF/Excel report downloads, school-wise report card and district/state analytics. 	<ul style="list-style-type: none"> Compliance with applicable cyber security, data protection, accessibility and child-safety requirements. All data generated under this system shall remain the sole property of SCERT/Education Department, Government of Bihar. No data shall be used for any commercial, advertising, profiling or third-party purpose. All source code, platform configurations, databases and system components developed under this engagement shall vest with the Government of Bihar upon project completion. The agency shall have no proprietary rights over any deliverable. Open standards, data portability, documented APIs and avoidance of vendor lock-in. Source-code/version-control, hosting model, support model and exit-management arrangements to be clearly stated. MIS, exception reports, accreditation status, improvement-plan tracking and audit-ready logs.
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6. Eligibility and Information to be Submitted

Interested agencies should meet the following minimum eligibility criteria: (i) registered organisation or company in India (under the Companies Act, Societies Registration Act, or equivalent); (ii) minimum three years of demonstrable experience in large-scale portal/mobile application development, assessment platforms, government MIS or field-data collection systems; (iii) prior deployment of at least one technology solution for a government agency or large educational institution at comparable scale; (iv) qualified technical team with competence in web/mobile development, secure API integrations and analytics. **Consortia** may apply, provided the lead agency is clearly identified and remains solely responsible for delivery.

<ul style="list-style-type: none">• Covering letter and organisation profile.• Relevant experience with work orders/completion certificates, wherever available.• Proposed solution architecture, modules, data flow and user journey.• SQAAF digitisation, scoring, accreditation and assessor workflow methodology.	<ul style="list-style-type: none">• Integration approach with e-Shikshakosh and State systems.• Data security, privacy, audit trail and hosting approach.• Implementation timeline, training, helpdesk and support model.• Team composition and key experts.• Declaration regarding accuracy of information and confidentiality.
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7. Evaluation Parameters

EOIs may be evaluated on the basis of: (i) understanding of Bihar SQAAF, (ii) quality of proposed solution, (iii) relevant experience, (iv) scalability and ease of use, (v) data security and privacy safeguards, (vi) integration approach, (vii) accreditation workflow and analytics, (viii) implementation capacity and sustainability. SCERT may invite shortlisted agencies for presentation, demonstration or proof of concept.

8. Important Conditions

Submission of EOI shall not confer any right for award of work. SCERT may accept, reject, modify, cancel or reissue this EOI at any stage. SCERT may proceed through a separate RFP/tender/pilot process. All submitted concepts may be used by SCERT for refining the final scope, without creating any financial or contractual obligation at the EOI stage.

9. Timeline and Submission

Submission Timeline	Within 7 days from date of issue/publication of this EOI
Submission Mode	PDF or MS Word document, combined into a single file (maximum 15 MB). Submissions must be made by email to the address below AND one physical sealed hard copy delivered to the Submission Address. directorscertbihar@gmail.com
Address	Director, SCERT, Bihar, Mahendru, Patna, Bihar
Subject Line	"EOI – Bihar SQAAF Portal/Application – [Organisation Name]"

10. Declaration

The applicant shall submit a signed declaration on the organisation's official letterhead confirming that: (i) all information submitted is true and correct; (ii) it shall maintain confidentiality of all information shared by SCERT/Education Department; (iii) all data generated under the system shall remain the property of the Government of Bihar; and (iv) submission of this EOI does not create any financial, contractual or other obligation on SCERT or the Government of Bihar.

Issued by
Director, SCERT, Bihar
Patna