

BOARD OF SECONDARY EDUCATION, ODISHA, B.K.ROAD, KATAKA

Tender Call Notice

No.- 740 (Syllabus)/ Dt. 7.9.26

Tenders in double sealed cover in the prescribed format are invited from the intending registered and authorized Agencies having valid Regd. No., PAN Card & up to date IT clearance Certificate and GST (deposit receipt) for development, implementation, operation and maintenance of Integrated Test Management System(ITMS) Portal for the Board of Secondary Education, Odisha, Kataka. For further details please visit our website www.bseodisha.ac.in/www.bseodisha.nic.in

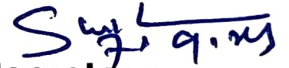
Last date of receipt of Tender – Dt 28/09/2026 by 5.00P.M.

Date of opening of Tender – Dt. 29/09/2026 at 11.30A.M.


Secretary

Memo No. 741 / (Syllabus)/ Dt- 7.9.26

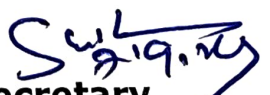
Copy submitted to the Joint Director (Advertising), I & PR Deptt., Govt. of Odisha, Bhubaneswar for information and to take immediate step for publication of this Notification in one edition of the English Daily Newspaper "Times of India" in one issue, only in Black & White utilizing space (8Cm. x 4Cm.) of inside page, for information of all concerned, at the approved rate. A complimentary copy be sent to the Finance Officer, BSE, Odisha, Kataka along with the bill in duplicate for pass and payment.


Secretary,
B.S.E., Odisha, Kataka

Memo No. 742 / (Syllabus)/ Dt.- 7.9.26

Copy to:-

1. The Finance Officer/ S.O., Finance/ S.O., Accounts-II/ I.A. for information and necessary action.
2. The Office Superintendent for display in Office Notice Board for wide publication.
3. S.A, Computer Cell for information and necessary action. She is requested to upload the Tender call Notice and all documents in the Board's websites for wide publication.


Secretary,
B.S.E., Odisha, Kataka



BOARD OF SECONDARY EDUCATION, ODISHA, KATAKA

**TENDER CALL NOTICE FOR FOR DEVELOPMENT, IMPLEMENTATION, OPERATION AND
MAINTENANCE OF INTEGRATED TEST MANAGEMENT SYSTEM (ITMS)**

Ref:- Tender Call Notice No **740** /Syllabus

Date: **07.09.2026**

Sealed bids are invited from eligible & reputed agencies/IT firms having prior-experience of development, implementation, operation and maintenance of ITMS portal in aligned with PARAKH framework and National Education Policy (NEP) 2020 for any other state(s) of India.

The agency shall **Design, Develop, Implement, Host, Provide Training, Security Audit, Operation and Maintenance** of the Integrated Test Management System (ITMS) for BSE Odisha.

Interested bidders may submit Technical and Financial Bids separately as per the terms and conditions mentioned in this tender document.

1. IMPORTANT INFORMATION

Description	Details
Tender Inviting Authority	Board of Secondary Education, Odisha, Kataka.
Name of the Work	Development, Implementation & Maintenance of Integrated Test Management System (ITMS)
Tender Type	Two Bid System (Technical Bid & Financial Bid)
Last Date & Time for Submission of Bid	28/09/2026, 5pm
Technical Bid Opening Date & Time	29/09/2026 11:30am and presentation at 3:00pm, at Conference Hall,BSE(O),Kataka
Technical Presentation (Mandatory)	
Financial Bid Opening Date	30/09/2026 11:30am, at Conference Hall, BSE(O),Kataka
Earnest Money Deposit (EMD) in form of Demand draft (Refundable without interest) in favour of the Secretary, BSE(O)	₹20,000/-
Performance Security (to be submitted while issue of work order in form of Bank Draft in favour of Secretary, BSE)	5% of Work Order Value
Tender processing Fee (Non-Refundable) in form of Demand draft in favour of the Secretary, BSE(O)	₹ 4000/- + 18% GST
Mode of Submission	By person/post/drop at the sealed box in the chamber of Establishment Officer before due date/time

Description

Details

Basis of Selection

Least Cost Method

2. GENERAL TERMS & CONDITIONS

- 2.1 The bidder shall carefully examine all instructions, terms and conditions before submission of the bid.
- 2.2 Conditional bids shall not be accepted and shall be rejected summarily.
- 2.3 BSE Odisha reserves the right to reject any or all bids without assigning any reason thereof.
- 2.4 Any form of canvassing shall lead to disqualification of the bidder.
- 2.5 Incomplete bids or bids received after the stipulated date and time shall not be considered.
- 2.6 The successful bidder shall execute an agreement with BSE Odisha within 7 days from the date of declaration of tender result.
- 2.7 The bidder shall maintain complete confidentiality regarding question banks, examination materials, student data and all other information of BSE Odisha. A **Non-Disclosure Certificate** to be attached.

3. ELIGIBILITY CRITERIA

The bidder must qualify the following eligibility criteria:

- 3.1 The bidder must be a company registered under the Companies Act, 2013/1956 (Registration Certificate to be attached).
- 3.2 The bidder must possess:
- Valid PAN
 - Valid GST Registration
- 3.3 The bidder must have prior experience of development, implementation, operation and maintenance of ITMS portal in aligned with PARAKH Taxonomy for any Education Board of India during the past 2 years (Relevant work order /work completion certificate to be attached).
- 3.4 The bidder must possess valid: (Attach relevant certificates)
- ISO 9001:2015 Certification
- 3.5 The bidder should have experience in competency-based assessment systems aligned with PARAKH framework/taxonomy (Attach relevant documentary evidence).
- 3.6 The bidder should not have been blacklisted/debarred by any Government Department/PSU/Autonomous Body (Bidder has to produce an undertaking in form of affidavit).
- 3.7 No consortium/joint venture shall be allowed.

4. SCOPE OF WORK

The selected bidder shall undertake the following activities:

4.1 Secure Login & Access Control Module

- Users access the system through a protected login using username and password credentials.
- Different user roles such as Super Admin, Question Bank Editor, and Paper Setter are assigned specific permissions.
- Ensures secure session management and protection against unauthorized access.
- Tracks login attempts and helps maintain system security.

4.2 : User Management

- Administrators can create, modify, and deactivate user accounts.
- Assign user roles and permissions based on responsibilities.
- Restrict users to manage only assigned subjects or classes.
- Password reset and secure credential management.

4.3 Requirement Study & System Design

- Requirement gathering
- Workflow study
- Process mapping
- Architecture design
- Database design

4.4 Question Bank Management Module

The module shall support:

- Stores all questions in a structured and searchable database Bulk upload
- Multimedia integration
- Mathematical and Scientific equation support
- Filter questions by class, subject, chapter, marks, difficulty level, and taxonomy level.
- Allows uploading large volumes of questions.
- Modify and update questions while maintaining data integrity

4.5 Blueprint Management

Configure exam pattern including number of questions and marks distribution.

- Create exam sections such as Section A, B, C.
- Balance questions based on difficulty levels.

4.6 Competency-Based Assessment Support

The system shall support:

- PARAKH taxonomy alignment
- Difficulty level tagging

4.7 Question Paper Generation Module

The module shall support:

- Automated paper generation
- Randomization & shuffling
- Multiple paper sets
- Template-based generation

4.8 Secure Delivery System

The system shall support:

- Encrypted delivery
- Centre-wise authorization
- Offline encrypted package
- Audit trail and logging

4.9 Analytics & Dashboard

The system shall provide

- Subject-wise analysis
- Question-wise analytics
- Difficulty index analysis
- Custom MIS Reports

5. TECHNICAL REQUIREMENTS

The proposed ITMS shall:

- Be web-based and responsive
- Support cloud/on-premise deployment
- Support Odia, English, Bengali, Telugu, Persian and Urdu Unicode
- Support minimum 1,000 concurrent users
- Provide role-based access control (RBAC)
- Provide Three-Factor Authentication (3FA)
- Maintain complete audit logs
- Support backup and disaster recovery

6. TRAINING & DOCUMENTATION

The successful bidder shall provide:

6.1 Documentation

- SRS Document
- System Design Document
- Database Documentation
- Deployment Manual
- User Manual (Odia & English)

6.2 Training

Training shall be provided for:

- IT Personnel
- Examination Officials
- Evaluation Officials
- District Level Functionaries
- Centre Superintendents

Training materials and videos shall also be provided.

7. IMPLEMENTATION TIMELINE

Activity	Timeline
Requirement Study & Design	30 Days
Development of Core Modules	90 Days
Pilot Testing & UAT	30 Days
Final deployment & Go-live	30 days

8. MAINTENANCE & SUPPORT

The selected bidder shall provide:

- 24x7 support during examination period
- Annual maintenance support
- Bug fixing and patches
- Security updates
- Database backup support
- Disaster recovery support

The maintenance period shall be for 3 years from the date of Go-Live .

9. METHOD OF SUBMISSION OF BID

The bidder shall submit:

Envelope–1

Technical Bid

Containing:

Eligibility documents as specified in Technical Bid

- EMD & Tender Fee BDs
- Technical proposal
- Company profile
- Experience details
- Project methodology
- Duly filled Annexure – I

Envelope–2

Financial Bid

Containing:

- Financial quotation (Annexure – II)

Both envelopes shall be placed inside one outer sealed envelope super scribed :

“TENDER FOR DEVELOPMENT OF INTEGRATED TEST MANAGEMENT SYSTEM (ITMS) PORTAL FOR BSE ODISHA”

and addressed to:

The Secretary

Board of Secondary Education, Odisha
Bajrakabati Road
Kataka – 753001

10. EARNEST MONEY DEPOSIT (EMD)

EMD amount: Rs. 20,000/-

- In shape of Bank Draft
- Drawn in favour of:
“Secretary, BSE Odisha” payable at Kataka

Bids without EMD shall be rejected.

11. PERFORMANCE SECURITY

The successful bidder shall deposit Performance Security equivalent to 5% of Work Order Value in shape of Bank Draft within 7 days of declaration of tender result.

12. PAYMENT TERMS

1. On completion of development & UAT - 50% payment will be released
After successful Go-live - Rest 50 % payment will be released
2. AMC payment shall be released annually after satisfactory performance certification by the competent authority of BSE, Odisha.

13. PENALTY CLAUSE

- Repeated security breaches/non-performance may lead to termination of contract and Penalty & other legal actions as deemed fit by BSE and should be bound by the service provider.
- Performance Security may be forfeited in case of breach of agreement along with other legal as well as financial penal actions, which are the sole discretion of BSE, Odisha.

14. CONFIDENTIALITY

The selected bidder shall:

- Maintain strict confidentiality of examination materials
- Not disclose data to any third party
- Ensure secure handling of question bank and student data

Confidentiality obligations shall survive termination of contract and other penalty & legal actions as deemed fit by BSE.

15. INTELLECTUAL PROPERTY RIGHTS

All source code, databases, documentation, application modules and related intellectual property developed under this project shall remain exclusive property of BSE Odisha.

16. ARBITRATION & LEGAL JURISDICTION

Any dispute arising out of this tender shall be subject to:

- Arbitration under Arbitration & Conciliation Act, 1996
- Jurisdiction of Courts at Kataka only

(In case of any query Academic officer, BSE, Odisha may be contacted through email : academicofficerbse@gmail.com.)

ANNEXURE-I
TECHNICAL BID FORMAT

Sl. No.	Particulars	Details
1	Name of the Bidder	
2	Registered Address	
3	Contact Number	
4	Email ID	
5	Company Registration Number	
6	PAN Number	
7	GST Number	
8	Year of Establishment / Incorporation as a software / application development firm	
10	ISO Certifications	
11	Documents in support of experience as mentioned at Point No.3.3	
12	Documents in support of experience as mentioned at Point No.3.5	
13	EMD & Tender Cost Fee	
14	Not Blacklisted by any Government Department/PSU/Autonomous Body (Bidder has to submit an undertaking in form of affidavit).	

Declaration

I/We hereby certify that all information furnished above is true and correct to the best of my/our knowledge and belief.

Place: _____

Date: _____

Signature of Authorized Signatory

Name: _____

Designation: _____

Seal of the Bidder

PRESENTATION

- I. Proposed Team Structure
- II. Project Implementation Methodology
- III. Support & Maintenance Plan

Note :- 1. *Non-Submission of presentation / Non-Satisfactory performance of Presentation may lead to disqualification of technical bid.*

2. *Bidders submitted all the documents as mentioned in Annexure-I and qualified technical presentation will be eligible for competing in Financial bid.*

ANNEXURE-II

FINANCIAL BID FORMAT

Category -1.

Consolidated rate for designing and development of ITMS portal for BSE, Odisha :-

Category – 2 .

AMC per year :-

Declaration

I/We hereby agree to execute the work as per the terms and conditions of the tender document.

Place: _____

Date: _____

Signature of Authorized Signatory

Name: _____

Designation: _____

Seal of the Bidder

Note :-

L1 bidder will be selected on the basis of sum of rate quoted for Designing and development of ITMS portal for BSE (category 1) and 3 times of the rate quoted for AMC per year (category 2)

i.e - Rate quoted for category 1 + (3 X Rate quoted for Category 2)