

ثانوی و اعلیٰ ثانوی تعلیمی بورڈ، ملتان۔

ٹینڈر نوٹس

دفتر ہذا کو اچھی شہرت کی حامل انکم ٹیکس اور سیلز ٹیکس رجسٹرڈ فرموں سے Hiring the Services for On-Screen Marking System (OSM) and Digital Variable Printing of Answer Sheets کے حصول کیلئے ٹینڈرز مطلوب ہیں جو کہ مورخہ 02.09.2026 کو بوقت 11:00 بجے صبح تک بذریعہ Punjab e-Procurement System (eP) کے تحت آن لائن موصول/Submit ہو جانے چاہیے جن کی ٹیکنیکل بڈز (Single stage Two) Envelope Method کے تحت اسی روز بوقت 11:30 بجے صبح ٹینڈر دہندگان یا بااختیار نمائندگان جو آنا چاہیں کی موجودگی میں آن لائن کھولی جائیں گی۔ دتی رجسٹرڈ ڈاک اور کو ریئر سروں کے ذریعے موصول ہونے والے ٹینڈر قابل قبول نہ ہونگے۔ برطابق تخمینہ لاگت 5% بڈ سیکورٹی کو ذریعہ E-Pay سسٹم جمع کرانا لازم ہوگا۔ جو فرمیں Punjab e-Procurement system (eP) پر رجسٹرڈ ہوں گی وہی ٹینڈر میں حصہ لینے کی مجاز ہوں گی اور یہ بات لازم ہے کہ فرمیں <https://ep.punjab.govt.pk> (eP) کے ذریعے ہر لحاظ سے مکمل اپنی بڈز جمع کرائیں گی۔ مس پرنٹ/اند پڑھے جانے والی اور وائرس زدہ E-Bids/کاغذات کو مسٹر دکر دیا جائے گا۔

Hiring the Services for On-Screen Marking System (OSM) and Digital Variable Printing of Answer Sheets

ٹینڈر دستاویزات کو بورڈ ہذا کی ویب سائٹ (www.bisemultan.edu.pk) PPRA اور (<https://ep.punjab.govt.pk>) (eP) کے ذریعے مفت ڈاؤن لوڈ کیا جاسکتا ہے۔ ریش بشمول ٹیکسز (سیلز ٹیکس + انکم ٹیکس وغیرہ) دینا ہونگے۔ ٹینڈر ڈاکومنٹس کے تمام صفحات پر فرم کے نمائندے کے دستخط اور مہر ثبت ہونی چاہیے بصورت دیگر ٹینڈر مسٹر دکر دیا جاسکتا ہے ٹینڈر کا انداز تخمینہ لاگت مبلغ -/600,000 روپے ہے ٹینڈر میں دیئے گئے نرخ 90 یوم کے لیے تصور ہوں گے۔ رسپانس ٹائم ٹینڈر نوٹس اور ٹینڈر ڈاکومنٹس پر اکی ویب سائٹ <https://ep.punjab.govt.pk> (eP) پر اپ لوڈ/مشتہر کرنے/ہونے کے بعد شمار کیا جائے گا۔
برائے معلومات 061-9210032 (0300-7312565)

سیکرٹری



**BOARD OF INTERMEDIATE &
SECONDARY EDUCATION,
MULTAN.**

No. 66 / Store

Date: 13.08.2026

STANDARD BIDDING DOCUMENTS

FOR FINANCIAL YEAR 2026-2027.

**BIDDING DOCUMENT FOR Hiring the Services of
On-Screen Marking System (OSM) and Digital
Variable Printing of Answer Sheets**

NOTE:



Punjab
e-Procurement
System

Bids only through Punjab e-Procurement System (eP) will be entertained; no Bid other than Punjab e-Procurement System will be accepted.

(Opening Date:-02.09.2026)

TERMS & CONDITIONS

INVITATION OF BID:

1. Hiring of Services for the On-Screen Marking System (OSM), the Integrated E-Marking Project – One Window Solution. The project includes template designing, digital printing with encrypted variable QR codes, auto stapling, scanning, packing, indexing, cropping, e-marking answer sheet printing with the provision of supporting software, as detailed in the tender documents, for Board of Intermediate and Secondary Education, Multan.
2. Firms/Companies registered under Sales Tax Act / Income Tax and active tax payer having good reputation are eligible to participate in the Tender. All Tenders should be in the name of Secretary Board of Intermediate & Secondary Education, Multan. Procuring agency reserves the right to reject all tenders/bids within the provisions of Rule 35 (1) of PPR-2014. **The Tender procedure shall be "Single Stage Two Envelope" as per rule 38 (2)(a) of PPRA-2014.**
3. Bids only through Punjab e-Procurement System (eP) will be entertained (<https://punjab.eprocure.gov.pk>). No bid other than eP will be accepted. Bid security 5% of Estimated Price will be submitted before closing of tender through Punjab e-PS electronically/digitally in the manner prescribed by the Punjab Government (PPRA Punjab) Bidder will also upload the complete scanned copy of their bid on (eP).
4. Bidding documents, containing detailed terms and conditions can be downloaded from the websites of PPRA (<https://punjab.eprocure.gov.pk>) or BISE Multan. (www.bisemultan.edu.pk). In case of any query, guidance can be sought from in the office of Deputy Secretary (Store), Board of Intermediate and Secondary Education, Multan, (Tel: 061-9210032) during office hours.

INSTRUCTION TO BIDDERS:

1. The Board Invites Bids from firms/suppliers/contractors and distributors for supply as per technical specifications given in the tender document.
2. All firms/suppliers/contractors and distributors having five year experience and who fulfill the criteria as per given in advertisement will stand eligible for the Bidding.
3. The Bidder should not have been blacklisted by any government, semi government or autonomous bodies etc.
4. The Bidding Documents should be read in conjunction with any Addenda issued in accordance with the terms and conditions given below.
5. At any time prior to the deadline for submission of Bids, the Purchaser may amend the Bidding Documents by issuing addenda.
6. The Technical & Financial offers will be upload separately on Punjab e-Procurement System (eP).
7. Any addendum issued shall be part of the Bidding Document and shall be communicated in writing to all who have obtained the Bidding document directly/indirectly from the Purchaser.
8. To give prospective Bidder reasonable time in which to take an addendum into account in preparing their Bids, the Purchaser may at its discretion, extend the deadline for the submission of Bids.
9. The Bidder shall bear all costs associated with the preparation and submission of its Bid, and the Purchaser shall not be responsible or liable for those costs, regardless of the conduct or outcome of the Bidding process.
10. The Bidder shall submit the **Technical Bid and Financial Bid on prescribed Performa given by Board in Tender documents**. Any interlineations, erasures, or overwriting shall be valid only if they are signed or initialed by the person signing the Bid. All blank spaces shall be filled in with the information requested as per specifications given in Technical Bid. Unless otherwise indicated in the Bidding Documents (BDs), alternative Bids shall not be considered.
11. **Bid Security:** A Bid Security @ 5% of the total price/cost (estimated price/cost mentioned in the Demand List) shall be submitted electronically/digitally through Punjab e-Procurement System (e-PS), in the manner prescribed by the Government of the Punjab (PPRA Punjab), in favor of the Secretary, Board of Intermediate and Secondary Education, Multan.
12. The successful bidder will furnish the @10 performance security (returnable) within 07 days of the receipt of notification of award from the purchaser
13. The Bid security @5% of the successful Bidders shall be returned as promptly as possible upon the successful Bidder's furnishing of the performance security @ 10% of the total cost before the signing of contract/agreement that will be made on stamp paper value of 0.25% of contract value.



14. Bids shall remain valid for the period of specified in the BDs after the Bid submission deadline date i.e. 90 days from the opening of Technical Bid. A Bid valid for a shorter period shall be rejected by the Purchaser as non-responsive.
15. The Bid shall be signed by a person duly authorized to sign on behalf of the Bidder.
16. The bid prepared in accordance with the instructions contained in the bidding documents must be submitted on Punjab e-Procurement System (eP) by 02- 09-2026 till 11:00AM. The Bids will be opened on the same day at 11:30AM in the presence of Bidders or their representative who make them available on that date and time in the meeting room of BISE, Multan.
17. Technical bids information relating to the examination, evaluation, comparison, and post qualification of Bids will be communicated accordingly, however, contract award, shall not be disclosed to Bidders or any other persons not officially concerned with such process until information on Contract award is communicated to all Bidders.
18. Any effort by a Bidder to influence the purchaser in the examination, evaluation, comparison, and post qualification of the Bids or contract award decisions may result in the rejection of its Bid.
19. A substantially responsive Bid is one that confirms to all the terms, conditions, and specifications of the Bidding documents without material deviation, reservation, or omission.
20. The Procuring Agency reserves the rights under PPRA Rules 35 may reject all bids or proposals at any time prior to the acceptance of a bid or proposal.
21. The purchaser shall award the Contract to Bidder whose offer has been determined to be technically sound and financially lowest evaluated and is substantially responsive to the Bidding documents, provided further that the Bidder is determined to be qualified to perform the contract satisfactorily.
22. Prior to the expiration of the period of Bid validity, the purchaser shall notify the successful Bidder, in writing that its Bid has been accepted.
23. Instructions, Terms & Conditions and Specifications are devised for strict compliance and enforcement. No escalation of cost, except arising from increase in quantity by the Bidder(s) on the demand after approval of the Procuring Agency / the Office, will be permitted throughout the period of the contract / Work/Supply Order.
24. Bidder(s) are required to state clearly, in their proposals, the name, title, contact number (landline, mobile), fax number and e-mail address of the Bidder(s)'s authorized representative through whom all communications shall be directed until the process has been completed or terminated.
25. Supply/Service must be in accordance with the office specifications otherwise supply/Service will be rejected. In such event the Board may forfeit bid security and take any punitive action as deemed appropriate.
26. All Government Taxes (Federal /Provincial) including Income Tax / Sales Tax, S.E. Duty and Professional Tax, PRA Tax / PST etc. will have to be paid by the firm(s) under the prevailing procedure / law.
27. In case of abnormal quoted rates, the Firm(s)/Bidder(s) shall be responsible.
28. Rates must be quoted in Pakistani Currency including all Taxes.
29. obtaining any other information regarding tenders, Store Branch can be visited during office hours on any working day. Bidder(s) shall communicate all queries via Store Branch.
30. The Bid security may be forfeited:
 - a) If a Bidder withdraws its Bid during the period of Bid validity specified in bidding documents.
 - b) If the successful Bidder fails to: -
 - i. Sign to the contract in accordance with the above said terms and conditions.
 - ii. Furnish a performance guarantee/security @ 10% of the total cost of Bid
 - iii. Provide to be indulged in corrupt practices.
 - iv. Provide stamp paper for agreement.
31. Any dispute or difference between the firm/ contractor and Secretary BISE Multan shall be settled by the Chairman BISE Multan as sole arbitrator will be considered as binding and his decision shall not be challenged in any court of law.
32. Technical evaluation shall be carried out by the Board authorized person's (Technical Evaluation Committee) to evaluate the bidders as per detail given by them in their Technical Bids.
33. The responsive firm/contractor quoting the lowest financial bid in toto shall be considered successful.
34. The selection is subject to the decision of the Purchase Committee /Authority and cannot be challenged in any court of law.



35. The firm is responsible to complete the services within 15-days, from the issuance of work/supply order.

REJECTION/ACCEPTANCE OF THE BID

The Procuring Agency may reject all bids or proposals at any time prior to the acceptance of a bid or proposal. The Procuring Agency shall upon request communicate to any Bidder(s), the grounds for its rejection of all bids or proposals, but shall not be required to justify those grounds. The Procuring Agency shall incur no liability, solely, by virtue of invoking discretion provided under sub-rule (1) of Rule-35 of Punjab Procurement Rules, 2014 towards the Bidder(s). However, prospective Bidder(s) shall be informed in due course about the rejection of the bids if any (As per Rule 35 of Punjab Procurement Rules, 2014).

TENDER COST

The Bidder(s) shall bear costs/expenses with regard to preparation and submission of the Tender(s) and the Procuring Agency shall not responsible/liable for those costs/ expenses.

AMENDMENT OF THE TENDER DOCUMENT

The Procuring Agency may, at any time prior to the deadline for submission of the Tender, at its own initiative vested with exclusive discretion or in response to a clarification requested by the Bidder(s), amend the Tender Document, on account of any reason. Where after all such amendment(s) shall be considered part of the Tender Document and binding on the Bidder(s) as per Punjab Procurement Rules, 2014 Rule 25(4).

BID SECURITY (EARNEST MONEY)

- a. The Bidder(s) shall furnish the Bid Security (Earnest Money) as under:
 - i. for a sum equivalent to 5% of the estimated price will be submitted/processed digitally through E-Pay system. The amount shall be transferred either via 1-Link, or through Bank guarantee from any scheduled Bank in Pakistan in favor of secretary, Board of Intermediate secondary Education, Multan.
 - ii. Denominated in Pak Rupees.
 - iii. Have a minimum validity period of One Hundred & Eighty days (180 days) from the last date for submission of the Tender.
- b. The Bid Security (Earnest Money) shall be forfeited by the Procuring Agency, on the occurrence of any or all of the following conditions:
 - i. if the Bidder(s) withdraws the Tender during the period of the Tender validity specified by the Bidder(s) on the Tender Form or
 - ii. if the Bidder(s) does not accept the corrections of his Total Tender Price;
 - iii. if the Bidder(s), having been notified of the acceptance of the Tender by the Procuring Agency during the period of the Tender validity, in accordance with the Tender Document.
 - iv. If the bidder fails to provide stamp paper for agreement.

CORRECTION OF ERRORS/AMENDMENT OF TENDER

Acceptance Letter/Purchase Order

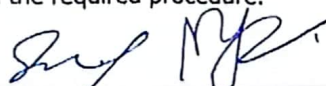
The Procuring Agency shall issue the Acceptance Letter/Purchase Order to the successful Bidder(s), within reasonable time of announcement of bid evaluation report (Rule-55 of PPRA Rules, 2014) and prior to the expiry of the original bid validity period or extended bid validity period of the Tender, which shall constitute a contract, until execution of the formal Contract.

Terms & Conditions of Contract Form

Terms & condition laid down in contract document/form are part & parcel of the Bid documents and shall be applied to the successful bidder under the Tender.

Redressal of Grievances by the Procuring Agency

- a. The Procuring Agency may constitute a committee comprising of odd number of persons / members, with proper powers and authorizations, to address the complaints of Bidder(s) that may occur prior to enforcement of the Procurement Contract.
- b. Any Bidder(s) feeling aggrieved by any act of the Purchaser after the submission of bid may lodge a written complaint concerning grievances within five days of announcement of technical evaluation report and ten days after issuance of final evaluation report.
- c. The Committee may investigate and decide upon the complaint within fifteen days of the receipt of the complaint.
- d. Mere fact of lodging of a complaint shall not warrant suspension of the procurement process.
- a) To be executed by an authorized representative of the Bidder(s) on Firm/ company letterhead enclosing attested Copy of National Identity Card.
- b) The mode of execution of the Power of Attorney/Letter of Authority should be in accordance with the procedure, if any, laid down by the applicable law and the charter documents of the executants and when it is so required the same should be under common seal affixed in accordance with the required procedure.



(4)

c) Also, wherever required, the Bidder(s) should submit for verification the extract of the charter documents such as a resolution/ power of attorney etc.

d) In favor of the person executing the Power of Attorney/Letter of Authority for the delegation of power hereunder on behalf of the Bidder(s).

e) In case the Tender Documents are signed by an authorized Director/ Partner or Proprietor of the Applicant, a certified copy of the appropriate resolution/document conveying such authority may be enclosed in lieu of the Power of Attorney/Letter of Authority.

**Authorized Signature & Stamp
of Firm / Bidder**

A handwritten signature in blue ink, consisting of a cursive 'S' followed by a stylized 'R' and a long horizontal stroke.

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SPECIFIC CONDITIONS

Sr. #	ASSESSMENT PARAMETERS
1	The bidder must have a minimum of five (05) years of experience in independently providing end-to-end examination services, including on-screen marking, printing of answer scripts, result preparation, and related services for up to 250,000 candidates, without outsourcing, subcontracting, consortium, or joint venture arrangements. The bidder must have successfully executed at least two (02) similar projects for Government, Semi-Government, Autonomous Bodies, Boards, or other public sector organizations. This requirement is intended to ensure single-handed project execution while maintaining the confidentiality and secrecy of the examination process. Documentary evidence must be provided. Bidders failing to meet these requirements shall be declared non-responsive and disqualified.
2	Scope of Services Required • Secure Printing System for customized e-sheets • Question Item Bank (QIB) • Digital Attendance & Monitoring System (DAMS) • Mobile Application for monitoring & approvals • Logistics Management Module • Scanning, cutting, printing & verification of answer scripts • High-speed scanning & digital processing system • Complete On-Screen Marking (OSM) system including anonymization, marking, moderation, and result compilation • Administrative dashboards and control panels • Reporting and analytics • Technical training & capacity building • Complete documentation (UAT, ER diagrams, Source Code, SOPs, manuals) • Integration components (APIs, notifications, etc.) • AI-based chatbot for students/stakeholders

Signature

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BOARD OF INTERMEDIATE AND SECONDARY EDUCATION MULTAN.
EVALUATION CRITERIA

1. Name of Bidder/ Lead Bidder. _____
(In Capital Words)
2. Status of Firm/Company/JV/Group _____
3. Address _____
4. Cell No. _____ E-mail _____
5. Income Tax No. _____
6. Sales Tax Registration No. _____
7. Date of Establishment of Business _____
8. Financial Position Bank Statement issued by the bank (01.01.2026 to 30.06.2026) and minimum annual turnover is 20% of the Estimated Cost for each lot.
9. **Ability to Supply Items.**
According to Specifications.
10. General Experience, minimum two work orders in similar work (attach Copies of work orders)

(Attach original Bank Guarantee/CDR with Technical Bid)

CHECK LIST (MANDATORY)

Sr.No.	Mandatory Criteria Qualification/ Evaluation Criteria	PAGE NO.
1	Valid Income Tax Certificate (Along with NTN No.)	
2	Sales Tax Certificate	
3	Professional Tax Certificate (2026-27)	
4	Conformance to the specification of Items given in the Bidding Document	
5	Bank Statement by the Bank (01.01.2026 to 30.06.2026). Annual turnover should not be less than 20% of the estimated Cost for each lot.	
6	An undertaking (as per attached format) must be provided on 100 Rupees Judicial Stamp paper that the participating firm/ company is not black listed in Board of Intermediate and Secondary Education Multan and PPRA Punjab. Through this Supplier/Vendor shall also certify that they have no case/litigation pending in any court of law in Pakistan.	
7	Firm must have minimum five year experience with Government/Semi Government Institutions/ Organizations and shall also provide/attach two work/supply orders of similar nature.	
8	Bid Security	

Authorized Signature & Stamp
of Firm / Bidder



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AFFIDAVIT/BIDDER'S UNDERTAKING ON THE STAMP PAPER

Ref: BIDDING DOCUMENT FOR HIRING THE SERVICES OF ON SCREEN MARKING SYSTEM (OSM) & DIGITAL VARIABLE PRINTING OF ANSWER SHEETS.

1.	We have examined the Tender/Bid Document and we undertake to meet the requirements. Regarding supply of Items as required and is prescribed in the Tender Document.
2.	It is certified that the information furnished here in and as per the document submitted is true and correct and nothing has been concealed or tampered with.
3.	We have read the provisions of Tender/Bid Document and confirm that these are acceptable to us. We further declare that additional conditions, variations, deviations, if any, found in our response shall not be given effect to
4.	We agree to unconditionally accept all the terms and conditions set out in the Tender/Biding Document
5.	We undertake, if our Bid is accepted, to supply and install the items within the delivery period mentioned in the Tender Document
6.	We understand that no document regarding evaluation criteria will be accepted after opening of the Technical Bids and we are bound to provide all the documentary proofs regarding evaluation criteria or any other supporting document at the time of opening of Technical Bids.
7.	We agree that the Procuring Agency is not bound to accept the lowest or any of the bids received. We also agree that the Procuring Agency reserves the right in absolute sense to reject all the products/services specified in the Bid Response without assigning any reason whatsoever under PPRA Rules 2014.
8.	We declare that our Firm/Company is not blacklisted by Board of Intermediate and Secondary Education, Multan and PPRA Punjab. We also declare that our firm/Company is not involved in any case or litigation pending in any court of law in Pakistan.

**Name and Signature
of authorized Person along with stamp**



BOARD OF INTERMEDIATE AND SECONDARY EDUCATION, MULTAN.
TECHNICAL BID
HIRING THE SERVICES ON SCREEN MARKING SYSTEM (OSM) & DIGITAL
VARIABLE PRINTING OF ANSWER SHEETS 2026-2027

Sr.No.	Detail / Specifications of Items Material to be purchased.	Quantity	Firm's Specifications
01	02	03	04
01	On Screen Marking System • Question Item Bank (QIB) • Digital Attendance & Monitoring System (DAMS) • Mobile Application for Monitoring & Approvals • Logistics Management Module • Scanning, Cutting, Printing & Verification of Answer Sheets • High-Speed Scanning & Digital Processing System • Complete On-Screen Marking (OSM) System including Anonymization, Marking, Moderation & Result Compilation • Administrative Dashboards & Control Panels • Reporting & Analytics • Technical Training & Capacity Building • Complete Documentation including UAT, ER Diagrams, Source Code, SOPs & User Manuals • Integration Components (APIs, Notifications, etc.) • AI-Based Chatbot for Students & Stakeholders	Computer Science Part-I Computer Science Part-II Total No of answer sheets 4100. A Answer Sheet contain 32 pages. (The quantity of answer sheets may increase or decrease.)	
02	Specification: Digital Variable Printing of Customized Answer Sheets 1. Design & Development of Digital Answer Sheets • Design and development of customized digital answer sheet (e-Sheets) in coordination with the relevant Subject Specialists. • The answer sheets shall be designed according to the approved question paper/question structure, subject requirements, and prescribed assessment format. • The system shall support question-wise/section-wise allocation of answer areas and cropping/segmentation of relevant question portions where required. • The final e-Sheet design shall be approved by PECTAA before mass production. 2. Secure Digital Variable Printing • Printing shall be carried out through a secure digital variable printing system capable of producing individualized answer sheets.	Computer Science Part-I Computer Science Part-II Total No of answer sheets 4100. Answer Sheet contain 32 pages. (The quantity of answer sheets may increase or decrease.)	

Signature

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- Each answer script shall contain a unique QR Code/Barcode. - Variable data may include, as approved by BISE: - The QR Code/Barcode shall be readable by the scanning and e-marking system and shall provide end-to-end script traceability. - The printing system shall be fully integrated with the approved EMS / E-Marking Software to ensure synchronization of printed scripts, scanning, indexing, cropping and e-marking workflows. Paper: 80 GSM Imported. Size: A4 (210 × 297 mm). Printing: High-quality digital variable printing suitable for high-volume examination use. Binding: Automated stapling/binding as per the approved answer-sheets format. - Paper quality, print quality, alignment, registration and finishing shall be consistent throughout the production run. 3. Integration with Scanning & E-Marking The complete printing workflow shall be compatible and integrated with the Scanning, Indexing, Cropping and E-Marking System, enabling: Data Preparation → Digital Variable Printing → QR/Barcode Identification → Examination → Scanning → Indexing → Cropping → E-Marking → QA → Result Processing		
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ESTIMATED PRICE:600,000/-

Amount of Bid Security @ 5% of above mentioned estimated price Rs.30,000/-

ٹینڈر میں دی گئی شرائط فائنل تصور ہو گئی۔
ٹینڈر میں دی گئی دفتر کی مطلوبہ تصریحات میں کسی قسم کے رد و بدل کی صورت میں ٹینڈر بڈ کو مسترد کر دیا جائے گا۔

Name of Firm _____

Signature and Stamp _____

Cell #: _____



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BOARD OF INTERMEDIATE AND SECONDARY EDUCATION, MULTAN.
FINANCIAL BID
HIRING THE SERVICES ON SCREEN MARKING SYSTEM (OSM) & DIGITAL
VARIABLE PRINTING OF ANSWER SHEETS 2026-2027

Sr.No.	Detail / Specifications of Items Material to be purchased.	Quantity	Rate Per answer sheet Exclusive Sales Tax	Rate with Sales Tax Per Answer Sheet	Total Value Including Sale Tax Per Answer Sheet
01	On Screen Marking System • Question Item Bank (QIB) • Digital Attendance & Monitoring System (DAMS) • Mobile Application for Monitoring & Approvals • Logistics Management Module • Scanning, Cutting, Printing & Verification of Answer Sheets • High-Speed Scanning & Digital Processing System • Complete On-Screen Marking (OSM) System Including Anonymization, Marking, Moderation & Result Compilation • Administrative Dashboards & Control Panels • Reporting & Analytics • Technical Training & Capacity Building • Complete Documentation including UAT, ER Diagrams, Source Code, SOPs & User Manuals • Integration Components (APIs, Notifications, etc.) • AI-Based Chatbot for Students & Stakeholders	Computer Science Part-I Computer Science Part-II Total No of answer sheets 4100. A Answer Sheet contain 32 pages. (The quantity of answer sheets may increase or decrease.)			
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[Handwritten Signature]

unique QR Code/Barcode. • Variable data may include, as approved by BSE: • The QR Code/Barcode shall be readable by the scanning and e-marking system and shall provide end-to-end script traceability. • The printing system shall be fully integrated with the approved EMS / E-Marking Software to ensure synchronization of printed scripts, scanning, indexing, cropping and e-marking workflows. • Paper: 80 GSM Imported. • Size: A4 (210 × 297 mm). • Printing: High-quality digital variable printing suitable for high-volume examination use. • Binding: Automated stapling/binding as per the approved answer-sheets format. • Paper quality, print quality, alignment, registration and finishing shall be consistent throughout the production run. 3. Integration with Scanning & E-Marking The complete printing workflow shall be compatible and integrated with the Scanning, Indexing, Cropping and E-Marking System, enabling: Data Preparation → Digital Variable Printing → QR/Barcode Identification → Examination → Scanning → Indexing → Cropping → E-Marking → QA → Result Processing				
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ESTIMATED PRICE:600,000/-

Amount of Bid Security @ 5% of above mentioned estimated price Rs.30,000/-

Name of Firm _____

Signature and Stamp _____

Cell #: _____

[Handwritten Signature]