



**BOARD OF INTERMEDIATE EDUCATION,
BAKHTIYARI YOUTH CENTER, NORTH NAZIMABAD,
KARACHI-74700**

Phones:

99260211

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99260213

**STANDARD BIDDING DOCUMENTS
FOR
NATIONAL COMPETITIVE BIDDING
SINGLE STAGE – TWO ENVELOPE PROCEDURE
TENDER FOR COMPUTERIZATION / DIGITALIZATION
OF EXAMINATIONS SYSTEM
PROCUREMENT OF HARDWARE /SOFTWARE /
SERVICES**

**IN RESPECT OF THE
BIE/AG/L&N/ 120 /2021**

(TECHNICAL PROPOSAL)

- Instructions to Bidders (ITB)
- General Conditions of Contract (GCC)



BOARD OF INTERMEDIATE EDUCATION,
BAKHTIYARI YOUTH CENTER, NORTH NAZIMABAD,
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INSTRUCTIONS TO BIDDERS & GENERAL CONDITIONS
OF CONTRACT:

The Instructions to Bidders (ITB) and General Conditions of Contract (GCC) applied in this Contract shall be the same as per Standard Bidding Documents for Goods, issued by SPPRA. For further references the same may be downloaded from SPPRA's website www.pprasindh.gov.pk or it may be provided from this Office if it may be demanded by the bidder. Whenever there is a conflict, the provisions hereafter shall prevail over those in the Instructions to Bidders & General Conditions of Contract. The corresponding clause number of the ITB & GCC is indicated in parentheses.

BID DATA SHEET

INTRODUCTION		
ITB 1.1	Name of Contract	Tender for computerization / digitalization of examinations system procurement of Hardware / software / services
ITB 4.1	Name of Procuring Agency	Board of Intermediate Education Karachi
ITB 6.1	Procuring agency's address, telephone, telex, and facsimile numbers	Board of Intermediate Education, Bakhtiyari Youth Center North Nazimabad Tel: 99260211 99260212 99260213 Fax: 99260203 & 99260208
ITB 8.1	Language of the bid	English or Urdu

BID PRICE AND CURRENCY	
ITB 11.2	The price shall be in Pakistani currency inclusive of all Taxes, Transportation, Material and Labour charges involved therein.
ITB 11.5	During the entire period of bid validity, the price shall be fixed and the bidder will have to supply the required items as per specifications and quoted rates.



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PREPARATION AND SUBMISSION OF BIDS		
ITB 13.3 (d)	Qualification Requirements	<ul style="list-style-type: none"> • 05 years experience in the relevant field (Client List) • Turn-over of at least last three years having a sum of minimum Rs.50 Million for one year in last 03 years (Copies of financial statements / Audit Report by Chartered Accountant be attached). • Minimum 3 contracts of similar goods / jobs in last 3 years • Registration with Federal Board of Revenue (FBR), for Income Tax, GST / SRB and Sales Tax in case of procurement of goods. • An Affidavit on Stamp Paper that the firm has never been Blacklisted • Valid Registration Certificate from PSEB / PASHA.
ITB 15.1	Amount of bid security (refundable)	3% (Three percent) of the bid price, which should be submitted in shape of Pay Order in the name of Secretary, Board of Intermediate Education Karachi and shall remain valid for a period of 28 days beyond the validity period for bid.
ITB 16.1	Bid Validity Period	90 days from the date of opening of Tender.
ITB 18.2 (a)	Address for bid submission	The office of the Admin General Section (Chairman's Secretariat), Ground Floor, Board of Intermediate Education, Karachi.
ITB 18.2 (b)	IFB title and number	<p>Title: Tender for computerization / digitalization of examinations system Procurement of Hardware / Software / Services.</p> <p style="text-align: center;">IFB No: BIE/AG/L&N/ 120 /2021 Dated: 01-07-2021</p>
ITB 19.1	Deadline for bid submission	<p><u>Friday, 16 July 2021 up to 2:30 P.M</u></p> <p>Sealed bids duly filled-in, mentioning on top of the envelope "Tender for computerization / digitalization of examinations system Procurement of Hardware / Software / Services."</p>
ITB 22.1	Time, date, and place for bid opening	Bids duly stamped on each document must be submitted in the office of the Admin General Section (Chairman's Secretariat), Ground Floor, Board of Intermediate Education, Karachi, in a sealed cover on <u>16-07-2021</u> up to <u>2:30 P.M.</u> The Technical & Financial Proposal will be opened on the same day at <u>03:00 P.M</u> & <u>03:30 P.M.</u> respectively in the presence of bidders' representatives who wish to attend.
ITB 25.4 (b)	Delivery schedule	The delivery will have to be made at our site within stipulated time as mentioned in the Contract Award. Minimum time period will be at least <u>30 DAYS</u> after issuance of contract award which may be increased or decreased due to demand of time/situation as per SPPRA Rules.



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GENERAL CONDITIONS

Bids of only those Bidders will be evaluated who can fulfill the Eligibility Criteria and enclose Bid Security.

Shortcomings in submission of documents related to Eligibility Criteria or non-submission of Bid Security or specimen/samples shall be rejected.

Bids not submitted on Standard Bidding documents issued by the procuring agency shall be rejected or treated as Non Responsive.

Prior to submission of bids, the bidders may obtain further information from the office of **Admin General Section (Ground Floor Chairman's Secretariat)** and completely satisfy themselves about the required items for which they are bidding for.

An interested bidder, who has obtained bidding documents, may request for clarification of contents of the bidding document in writing, and procuring agency shall respond to such queries in writing within three calendar days, provided they are received at least five calendar days prior to the date of opening of bid.

The offered products should be prime quality products. Cheap products of low quality or substandard shall not be accepted and the said bid shall be treated as Irresponsive.

Inferior, low quality or substandard products will be rejected and Security Money shall be forfeited and the bidder may also be blacklisted.

The bidder with the "Lowest Evaluated Cost" but not necessarily the "Lowest Submitted Price" shall be awarded the Procurement Contract.

SECTION III.

SPECIAL CONDITIONS OF CONTRACT

The following Special Conditions of Contract shall supplement the General Conditions of Contract. Whenever there is a conflict, the provisions herein shall prevail over those in the General Conditions of Contract. The corresponding clause number of the GCC is indicated in parentheses.

1. DEFINITIONS (GCC CLAUSE 1)

1)	GCC 1.1 (g)	The Procuring agency is:	Board of Intermediate Education, Karachi.
2)	GCC 1.1 (h)	The Procuring agency's country is:	Islamic Republic of Pakistan.
3)	GCC 1.1 (j)	The Project Site is:	Same as GCC 1.1(g) mentioned above.

2. COUNTRY OF ORIGIN (GCC CLAUSE 3)

All countries and territories as indicated in Part Two Section VI of the bidding documents, "Eligibility for the Provisions of Goods, Works, and Services in Government-Financed Procurement".



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3. PERFORMANCE SECURITY (GCC CLAUSE 7)

1)	GCC 7.1	The amount of performance security, as a percentage of the Contract Price, shall be Ten (10) percent of the Contract Price which should be submitted in shape of Pay Order in the name of <i>Secretary</i> , Board of Intermediate Education Karachi.
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4. RESOLUTION OF DISPUTES (GCC CLAUSE 28)

The dispute resolution mechanism to be applied pursuant to relevant SPPRA Rules.

5. GOVERNING LANGUAGE (GCC CLAUSE 29)

1)	GCC 29.1	The Governing Language shall be:	English.
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6. NOTICES (GCC CLAUSE 31)

GCC 31.1 — Procuring agency's address for notice purposes:

Office of the Admin General Section, (Chairman's Secretariat Ground Floor), Board of Intermediate Education, Karachi.

7. PENALTY

- 1) Preferred penalties according to the issue\subject may be imposed upon the Supplier(s) such as:
 - i. rejection of the unsatisfactory Supplied material
 - ii. Blacklisting of the firm
 - iii. Liquidity damages applied as per SPPRA rules.
 - iv. forfeiting of whole Security amount

Anyone or more than one from the aforesaid penalties may be imposed upon the Supplier(s) in the following cases:

- a) In case of transgression/deviation of the time given in the Contract Award
- b) In case of transgression, deviation, mistake or low quality found in the supplied Item(s)
- c) In case the specification, quantity, rate or stuff of a Tender in certain item or items are approved and the Bidder backs out of his commitment on any pretext or fails to supply the material or complete the job in time or in the required criteria.

**8. SUBJECT TO RELEVANT SPPRA RULES,
THE COMPETENT AUTHORITY RESERVES THE RIGHT TO:**

- (a) divert/distribute a particular work among different Bidders on the lowest approved rate(s) in the interest of the office due to demand of time/situation.
- (b) accept or reject all or any bid.
- (c) increase or decrease quantity without any notice at any time/stage subject to ITB Clause 29.



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9. SPECIAL CLAUSE (TERMS & CONDITIONS)

- 1) Under following conditions bid will be rejected:-
 - i. Conditional and telegraphic bids/tenders
 - ii. Bids not accompanied by Bid Security of required amount and form
 - iii. Bids received after specified date and time
 - iv. Bids of Blacklisted firms
- 2) Bids of only those Bidders will be evaluated who can fulfill the Eligibility Criteria and enclose Bid Security.
- 3) Shortcomings in submission of documents related to Eligibility Criteria or non-submission of Bid Security shall be rejected.
- 4) Prior to submission of bids, the bidders may obtain further information and completely satisfy themselves about the required items for which they are bidding for.
- 5) An interested bidder, who has obtained bidding documents, may request for clarification of contents of the bidding document in writing, and procuring agency shall respond to such queries in writing within three calendar days, provided they are received at least five calendar days prior to the date of opening of bid.
- 6) The offered products should be prime quality products. Cheap products of low quality or substandard shall not be accepted and the said bid shall be treated as Irresponsive.
- 7) Inferior, low quality or substandard products will be rejected and Security Money shall be forfeited and the bidder may also be blacklisted.
- 8) The bidder with the “Lowest Evaluated Cost” but not necessarily the “Lowest Submitted Price” shall be awarded the Procurement Contract subject to compatibility/suitability of the item(s).
- 9) The bidder shall supply the article(s) as per approved specifications mentioned in the Contract Award. The article(s) not found in conformity with the approved specifications shall be rejected at the risk & cost of the bidder.
- 10) The Contract Award may be assigned at any time during the period of bid validity.
- 11) **Performance Security:**
 - GCC 3.1 The amount of **Performance security is 10%** of the Contract Price.
 - GCC 3.2 After delivery and acceptance of the Goods, the performance security may be reduced to **Two percent (2%)** of the Contract Price to cover the Supplier’s warranty obligations in accordance with Clause GCC 15.2.
- 12) The amount of Performance Security is in addition to the amount of Bid Security which should be deposited by the successful bidder(s). Bid Security shall remain valid for a period of 28 days beyond the validity period for bids, whereas Performance Security shall be released ninety days beyond the date of completion of contract to cover defects liability period subject to final acceptance by the procuring agency in accordance with SPPRA Rules.

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- 13) Placement of Contract Award will be subject to payment of Performance Security.
- 14) The Services shall be delivered to end user department, through the concerned Officers as the case may be, against delivery challan in triplicate. Two copies of the bills and challan shall be retained by the Officer concerned while the third copy shall be returned to the Service Provider for his own record.
- 15) The items should be supplied strictly in accordance with the approved samples.
- 16) The delivery will have to be made at our site within stipulated time as mentioned in the Contract Award. Minimum time period will be at least **30 DAYS** after issuance of contract award which may be increased or decreased due to demand of time/situation.
- 17) The Payment shall be subject to deduction of Income / Sales Tax /SRB at source, Satisfactory report of concerned officer, completion certificate and production of delivery challans as being delivered the stores in full quantity & quality.
- 18) SPPRA Rules-2010 (Amended) shall strictly be followed.

10. EQUIVALENCY OF STANDARDS AND CODES

Reference to brand name, catalogue number or country where used, they should always be read with followed by the words “or at least equivalent.”

SCOPE OF WORK

CODIFICATION SOLUTION REQUIRED

**Codification Machine with One Year Services
Automatic Fictitious Codification Machine**

Qty: 2(Two)

1. Mechanical

3 Software

1.1	Answer Script Lifting Machine	3.1	Automatic fictitious Code Algorithm
1.2	Answer Script Bundle Carrier	3.2	System Integrated Code
1.3	Answer Script Shift to belt	3.3	Machine Operating System Desk
1.4	Conveyor belt	3.4	Belt Speed Control
1.5	Printing Station	3.5	Encoding Decoding Management
1.6	Output Answer Script Station	3.6	Reports

2 Electrical

4 Hardware

2.1	Answer Script Lifting Sensors	4.1	UPS 1 KVA
2.2	Answer Script Shifting Sensors	4.2	Battery 150
2.3	Printing Station Sensors	4.3	Belt Motor
2.4	Answer Script print Signal Sensors	4.4	Copy Lifting Motor
2.5	Answer Script print Signal Sensors	4.5	Belt & Lifter Coupling

5. Cartridges

Qty: 70 (Seventy)

5.1 Codification Machine Cartridges

HP Latex ink or equivalent

12.7mm high print band

Resolution upto 600 x 600 dpi

42 ml nominal volume with 30 picoliter drop

Approximately 200,000 prints per cartridge (20 character, 10pt. alphanumeric code @ 300 dpi).

6. SERVICES REQUIRED FOR CODIFICATION MACHINE FROM VENDOR

- 6.1 The provider will provide complete operational services during codification and will work together with the codifiers.
- 6.2 The complete confidential agreement shall be made with vendor / service provider.
- 6.3 The contract at least shall be made for one year where one annual and supplementary examinations shall be covered or at least two examinations shall be done. The contract can be enhanced according to the requirements with complete technical assistance.
- 6.4 The vendor shall train the concerned codifier team with complete technical assistance.
- 6.5 The vendor shall also train required staff and concerned officer and officials (if required).
- 6.6 Three years parts and services warranty must be provided.

OMR WITH ICR

7. OMR WITH ICR SOFTWARE

Qty: 01

- 7.1 The software shall scanned the answer script of OMR script and generate the award list according to the requirements.
- 7.2 The software is enable to read the code through ICR and develop the result through code.
- 7.3 The software shall be capable to work on OMR (Optical Mark Recognition) and ICR (Intelligent Character Recognition) technology.
- 7.4 The software is capable to maintain the record in database with scanned OMR Sheet.
- 7.5 The software is capable to maintain the records of candidates with year, Faculty, Subject and max marks wise data and enable to provide in soft copy to concerned section.
- 7.6 The archive of results shall be provided to concerned section when the work is completed.
- 7.7 The company should also maintain the record at least for two years.

8.1. REQUIREMENT OF HARDWARE

8 HP SERVER DL 380 G10 OR ABOVE TOWER OR EQUIVALENT QTY: 1

- 8.1 Multi Core microprocessor (02)
- 8.2 128 GB RAM
- 8.3 2 TB SAS (16 qty)
- 8.4 Dual Power Supply
- 8.5 Raid Controller Card
- 8.6 Fans with all accessories
- 8.7 With warranty

9 SCANNER QTY: 5

- 9.1 Avison or Kodak (Latest model) or equivalent
- 9.2 600 dpi
- 9.3 Speed: simplex: 65ppm, Duplex: 130ppm (200 dpi / 300 dpi)
- 9.4 Interface: USB 3.0 / USB 2.0 / USB 1.1 (backward compatible)
- 9.5 Zone Scanning (front and back)
- 9.6 Source Volt : 100 to 240 VAC \pm 10%
- 9.7 Operating system Support (Windows 7, 8, 8.1, 10, Vista, (32 bit / 64 bit) & Windows Server 2016 (64 bit)

10 COMPUTER QTY: 2

- 10.1 Core i7 HP or Dell equivalent (latest model) or equivalent
- 10.2 1 TB HDD
- 10.3 8 GB RAM
- 10.4 15 Inch Monitor or LED
- 10.5 Mouse Keyboard with general specification

11 SWITCHES QTY: 1

- 11.1 16 Port Switch (Cisco 3920) or equivalent
- 11.2 Cable and Connector
- 11.3 Cat 6 (Good Quality) (1 Box)
- 11.4 RJ 45 Connector (1 Box) 300 connector
- 11.5 Clipping Tool (01)

12 PRINTER QTY: 1

- 12.1 Nashuatec or Ricoh or equivalent (Black & white) or equivalent
- 12.2 SP 8300 DN or latest Model
- 12.3 Printer Drivers with complete services

13 SERVICES REQUIRED FOR CODIFICATION MACHINE FROM VENDER

- 13.1 The vendor shall provide complete operational services during OMR scanning and provide subject wise award sheet for all faculties.
- 13.2 The complete confidential agreement shall be made with the vendor / service provider.
- 13.3 The contract at least shall be made for one year where one annual and supplementary examinations shall be covered or at least two examinations shall be done. The contract can be enhanced according to the requirements with same terms and conditions.
- 13.4 The vendor shall train the concerned team with complete technical assistance.
- 13.5 The vendor shall also train required staff and concerned officer and officials (if required)
- 13.6 Three years parts and services warranty must be provided.

14. SMART BOXES FOR EXAMINATION PAPER DISTRIBUTION

QTY:50

SPECIFICATION

- 14.1 Smart Locks with Geofencing
- 14.2 Control Center Application
- 14.3 Mobile Application Software
- 14.4 Digital ID based smart locks in the metal box
- 14.5 Box shall be operated with digital key through cell phone and APP
- 14.6 Smart Box has capacity to contains 1500 sheets of 80-gram paper
- 14.7 Smart Box color must be matching with BIEK logo
- 14.8 Smart Box must have logo of BIEK on top
- 14.9 Smart Box must unlock electronically / digitally, there is no other handle or source where the door can be unlocked
- 14.10 In case of emergency the lock can be opened through control center which shall be operated by BIEK by vender
- 14.11 Design should smooth and don't have any handle in the box for open, Box door open only when authorized person digitally unlock by his mobile phone.

15. SMART BOXES FOR EXAMINATION PAPER DISTRIBUTION

A Cloud based software will provide for command & control center for Box unlock in the premise of Board office. There must be a mechanism that acknowledge that each and every exam center receive the box and one unlock command run from BIEK authority then box will unlock and paper can be taken from Smart Box.

16. MOBILE APP

A user-friendly mobile app for Smart Box unlock will provide to all exam center in-charge by this app they will acknowledge and unlock the Smart Box once approved by BIEK authority.

17. SECURITY

- 17.1 Smart box cannot be tempered or misused, if so then must be a mechanism that acknowledge the said feature.
- 17.2 Smart box cannot be unlocked out of Exam Center unlock must not work if it is out of exam center.

18. IMPLEMENTATION

The required solution should be ready to implement at the time of submitting the bid by the solution vender. Vender should be able to implement the required solution in the BIEK in 30 days once approved before annual examination 2021.

19. SERVICES REQUIREMENT FROM THE VENDER

- 19.1 Deployment of control center and provide operational services during examination is the responsibility of the company.
- 19.2 Vendor is responsible to configure the boxes with examination centers.
- 19.3 The workability of the lock and boxes shall be responsibility of the company.
- 19.4 Mobile Application configuration and training to concerned professor/lecturer and concerned staff of the BIEK is the responsibility of the company.
- 19.5 One year contract warranty for operational Services is required to run the examinations.
- 19.6 Three years hardware and software application warranty and services is also required.
- 19.7 If any calibration related to software and hardware is not worked then it is the responsibility of the company to resolve on immediate basis during examination.
- 19.8 The qualified vendor should make the software integration and APIs bug free and do customization as per BIEK requirements until one year after signing of the contract.

SECTION-IV.

SCHEDULE OF REQUIREMENTS

SCHEDULE OF REQUIREMENTS:

The delivery will have to be made at our site within stipulated time as mentioned in the Contract Award. Minimum time period will be at least **30 DAYS** after issuance of contract award which may be increased or decreased due to demand of time/situation.



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SUMMARY OF TURN-OVER OF LAST THREE YEARS		
YEAR-2018	YEAR-2019	YEAR-2020
TOTAL:		

CERTIFICATE

I/We have carefully read & understood the Terms & Conditions whatever has been stated herein the enclosed pages and abide to the same. I/We guarantee to supply/deliver/install the items exactly in accordance with the requirements and enclosed the Bid Security payable to Board of Intermediate Education, Karachi.

SIGNATURE WITH DATE: _____

NAME OF FIRM: _____

ADDRESS OF FIRM: _____

FULL NAME OF CONCERNED PERSON: _____

CNIC NUMBER: _____

POSITION HELD IN: _____

PHONE NUMBER(S): _____

MOBILE NUMBER(S): _____

FAX NUMBER(S): _____

NATIONAL TAX NUMBER: _____

GENERAL SALES TAX NUMBER: _____

STAMP OF THE FIRM: _____

PAY ORDER NUMBER: _____

BANK & BRANCH NAME: _____

DATED: _____

FOR RUPEES: _____

DRAWN: _____

as Bid Security is enclosed herewith.



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FOR
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SINGLE STAGE – TWO ENVELOPE PROCEDURE
TENDER FOR COMPUTERIZATION / DIGITALIZATION
OF EXAMINATIONS SYSTEM PROCUREMENT OF
HARDWARE /SOFTWARE /SERVICES
IN RESPECT OF THE
BIE/AG/L&N/ 120 /2021
(FINANCIAL PROPOSAL)**



BOARD OF INTERMEDIATE EDUCATION,
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Bid Submission Sheet

Date: _____

ICB NO.: _____

Invitation for Bid No.: _____

Alternative No.: _____

SECRETARY,
Board of Intermediate Education,
North Nazimabad,
Karachi

We, the undersigned, declare that:

We have examined and have no reservations to the Bidding Document, including Addenda No.:
_____;

- (a) We offer to provide services / supply in conformity with the Bidding Document and in accordance with the delivery schedule specified in the Schedule of Supply, the Goods and Related Services.
- (b) The total price of our Bid, excluding any discounts offered in item (d) below is: Rs. _____ (Rupees _____);
- (c) The discounts offered and the methodology for their application are: _____
_____;
- (d) If our Bid is accepted, we commit to obtain a Performance Security @ 10% of the Contract Price for the due performance of the Contract;
- (e) Our firm, including any subcontractors or suppliers for any part of the Contract, have nationalities from these eligible countries; _____; _____;
_____;
- (f) We are not participating, as Bidders, in more than one Bid in this bidding process, other than alternative offers in accordance with the Bidding Documents;
- (g) Our firm, its affiliates or subsidiaries, including any subcontractors or suppliers for any part of the contract, has not been declared ineligible by the Government;
- (h) The following commissions, or fees have been paid or are to be paid with respect to the bidding process or execution of the Contract:

<u>Name of Receipt</u>	<u>Address</u>	<u>Reason</u>	<u>Amount</u>
_____	_____	_____	_____
_____	_____	_____	_____

(If none has been paid or is to be paid, indicate “none.”)

- (i) We understand that this Bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal Contract is prepared and executed.
- (j) We understand that you are not bound to accept the lowest evaluated bid or any other bid that you may receive.

Name _____

(k) In the capacity of _____

(l) Signed _____

(m) Duly authorized to sign the security for and on behalf of _____

(n) Date _____.



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FINANCIAL PROPOSAL

S#	Item	Descriptions	Quantity	Rate	Total Amount
	Codification Machine	<p>Type: Flatbed Feeder Type: Automatic Document Feeder Feeder Capacity: 30 answer scripts (copies) Sensor: Color CMOS contact Image Sensor (CIS) Printing Modes: Simplex, color / gray scale / monochrome Printing Color: Single Color Black Only Speed: Up-to 30 answer scripts (copies) per minute Optical Resolution: 600 dpi Output Resolution: 50-600 dpi in 1 dpi increments Color Depth: Color:24-bit, Grayscale: 8-bit, Monochrome:1-bit A/D Converter: 65,536 levels (16-bit) Reflective Scan Area: 4.1x5.8" (105 x 148mm) Background: Black Scan Speed: AC Adapter Color: 1.7 seconds at 200 dpi Grayscale / Monochrome:1.0 seconds at 200/300 dpi USB Bus Power Color: 2.0 seconds at 200 dpi Grayscale / Monochrome:2.0 seconds at 200/300 dpi Daily Duty Scan (Sheets) : 100 scans Connectivity: Interface: USB 2.0 /1.1 Supported OS: Windows 10,8.1,8,7, Vista,XP (64/32-bit), Windows Server 2008(64/32-bit).</p>	02		

		<p>Physical: Light Source: RGB LED Certifications: Energy Star & RoHS Power Requirements: 100-240 VAC ±10% Power Consumption: AC Power</p> <p>Operating: 150W or less</p> <p>Sleep: 5 W or less</p> <p>USB Bus Power</p> <p>Operating: 5W or less</p> <p>Sleep: 2W or less</p> <p>Auto Standby (Off): 0.5W or less Operating Conditions: Temperature: 42 to 95°F (5 to 35°C)</p> <p>Humidity: 20 to 80%, relative non-condensing Dimensions: 5.6" x 2.5" x 1.3" • Weight: 110.0 lb (50kg)</p>			
	Codification Machine Cartridges	<ul style="list-style-type: none"> • HP Latex ink • 12.7mm high print band • Resolution upto 600 x 600 dpi • 42 ml nominal volume with 30 picoliter drop • Approximately 200,000 prints per cartridge (20 character, 10pt. alphanumeric code @ 300 dpi). OR Equivalent 	70		
	SERVICES REQUIRED FOR CODIFICATION MACHINE	<ul style="list-style-type: none"> • The provider will provide complete operational services during codification and will work together with the codifiers. • The complete confidential agreement shall be made with vender / service provider / tenderee. • The contract at least shall be made for one year where one annual and supplementary 	01 Year		

		<p>examinations shall be covered or at least two examinations shall be done. The contract can be enhanced according to the requirements with complete technical assistance.</p> <ul style="list-style-type: none"> • The vender shall train the concerned codifier team with complete technical assistance. • The vender shall also train required staff and concerned officer and officials (if required). • Three years parts and services warranty must be provided. 			
	DEVELOPMENT BIEK OMR WITH ICR SOFTWARE	<ul style="list-style-type: none"> • The software shall be scanned the answer script of OMR script and generate the award list according to the requirements. • The software is enable to read the code through ICR and develop the result through code. • The software shall be capable to work on OMR (Optical Mark Recognition) and ICR (Intelligent Character Recognition) technology. • The software is capable to maintain the record in database with scanned OMR Sheet. • The software is capable to maintain the records of candidates with year, Faculty, Subject and max marks wise data and enable to provide in soft copy to concerned section. • The archive of results shall be provided to concerned section when the work is completed. • The company should also maintain the record at least for two years. 	01		
	Server	HP Server DL-380 G10 Tower OR Equivalent	01		
	Processor	Multi Core microprocessor	02		

	RAM	128 GB RAM	32 GBx4		
	Hard Disk	2 TB SAS	16		
	Power Supply	Dual Power Supply	01		
	Raid Controller Card		01		
	Fans with all accessories		01		
	SCANNER	<ul style="list-style-type: none"> • Avision or Kodak (Latest model) or equivalent • Resolution 600 dpi • Speed: simplex: 65ppm, Duplex: 130ppm (200 dpi / 300 dpi) • Interface: USB 3.0 / USB 2.0 / USB 1.1 (backward compatible) • Zone Scanning (front and back) • Source Volt : 100 to 240 VAC ± 10% • Operating system Support (Windows 7, 8, 8.1, 10, Vista, (32 bit / 64 bit) & Windows Server 2016 (64 bit) OR Equivalent 	05		
	COMPUTER	<ul style="list-style-type: none"> • Core i7 • 1 TB HDD • 8 GB RAM • Mouse Keyboard with general specification 	02		
	LED Monitor Latest Model HP / Dell OR Equivalent	15 Inch	02		
	SWITCHES	16 Port Switch Cisco / Gigabit OR Equivalent	01		
		Cable and Connector	01		
		Cat 6 (Good Quality)	1 Box		
		RJ 45 Connector	300 connectors		
		Clipping Tool	01		
	PRINTER SP 8300 Nushatec & Ricoh or Equivalent (latest Model)	<ul style="list-style-type: none"> • Black & White • Printer Drivers with complete services 	01		
	SERVICES REQUIRED FOR OMR with ICR	<ul style="list-style-type: none"> • The vendor shall provide complete operational services during OMR scanning and provide subject wise award sheet for all faculties. • The complete confidential agreement shall be made with the vendor / service provider. • The contract at least shall be made for one year 	01 Year		

		<p>where one annual and supplementary examinations shall be covered or at least two examinations shall be done. The contract can be enhanced according to the requirements with same terms and conditions.</p> <ul style="list-style-type: none"> • The vender shall train the concerned team with complete technical assistance. • The vender shall also train required staff and concerned officer and officials (if required) • Three years parts and services warranty must be provided. 			
	<p>SMART BOXES FOR EXAMINATION PAPER DISTRIBUTION</p>	<ul style="list-style-type: none"> • Smart Locks with Geofencing • Control Center Application • Mobile Application Software • Digital ID based smart locks in the metal box • Box shall be operated with digital key through cell phone and APP • Smart Box has capacity to contains 1500 sheets of 80-gram paper • Smart Box color must be matching with BIEK logo • Smart Box must have logo of BIEK on top • Smart Box must unlock electronically / digitally, there is no other handle or source where the door can be unlocked • In case of emergency the lock can be opened through control center which shall be operated by BIEK by vendor • Design should smooth and don't have any handle in the box for open, Box door open only when authorized person digitally unlock by his / her mobile phone. • A Cloud based software will provide for command & control center for Box unlock in the premise of Board office. There must be a mechanism that acknowledge that each and every exam center receive the box and one unlock command run from BIEK authority then box will unlock and paper can be taken from Smart 	<p>50</p>		

		<p>Box.</p> <p>A user-friendly mobile app for Smart Box unlock will provide to all exam center in-charge by this app they will acknowledge and unlock the Smart Box once approved by BIEK authority.</p> <ul style="list-style-type: none"> • Smart box cannot be tempered or misused; if so then must be a mechanism that acknowledge the said feature. • Smart box cannot be unlocked out of Exam Center unlock must not work if it is out of exam center. • The required solution should be ready to implement at the time of submitting the bid by the solution vender. Vender should be able to implement the required solution in the BIEK in 30 days once approved before annual examination 2021. • Deployment of control center and provide operational services during examination is the responsibility of the company. • Vender is responsible to configure the boxes with examination centers. • The workability of the lock and boxes shall be responsibility of the company. • Mobile Application configuration and training to concerned professor/lecturer and concerned staff of the BIEK is the responsibility of the company. • One year contract warranty for operational Services is required to run the examinations. • Three years hardware and software application warranty and services is also required. • If any calibration related to software and hardware is not worked then it is the responsibility of the company to resolve on immediate basis during examination. • The qualified vender should make the software 			
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		integration and APIs bug free and do customization as per BIEK requirements until one year after signing of the contract.			
	Grand Total=				
	GRAND TOTAL IN WORDS				
	<hr/> <hr/>				
	3% (Three percent) Amount of the Bid Price Bid Security (Refundable)				
	10% (ten percent) amount of Contract Price Performance Security (Refundable)				

CONTRACT AGREEMENT

THIS AGREEMENT is executed at KARACHI, on this day — Day of _____, 2021

BETWEEN

M/s. Board of Intermediate Education, Karachi through its Secretary, at Board of Intermediate Education, Bakhtiyari Youth Center North Nazimabad, Karachi, hereinafter called and referred to as "BIEK" (which expression shall wherever the context so permits, be deemed to include its legal representatives, executors, successors and assigns) of the FIRST PART.

AND

M/s. _____, having its office at _____, hereinafter referred to as "THE SERVICE PROVIDER" (which expression shall wherever the context so permits be deemed to include its legal representatives, executors, successor and assigns), through its proprietor **Mr.** _____, holding CNIC No. _____ on the SECOND PART.

WHEREAS "BIEK" intends to obtain computerization / digitalization of examinations system procurement of Hardware / Software / Services "THE Service Provider" has offered to provide said Services as per technical specifications of the work mentioned in the bidding documents "BIEK" having accepted the offer. "BIEK" hereby offer to appoint "THE SERVICE PROVIDER" as their official Service Provider for the computerization / digitalization of examinations system procurement of Hardware / Software / Service Provider in respect with the Terms & Conditions of this contract. "THE Service Provider" hereby agrees to the offer of the "BIEK" in acceptance of the terms & conditions here in below forth.

NOW IT IS HEREBY AGREED & DECLARED BY AND BETWEEN THE PARTIES AS FOLLOWS:

ARTICLE –I
DUTIES & SCOPE OF WORK

1.1 Requirement.

S.No.	Description	Total Contract Amount
1		

- 1.2 “THE SERVICE PROVIDER” agrees to provide services to “BIEK” whenever and wherever form is required as per the terms & conditions of this Agreement.
- 1.3 “THE SERVICE PROVIDER” will coordinate with Concerned Officer, of the “BIEK” who will assist “THE SERVICE PROVIDER” in Supervision of proposed work.
- 1.4 “THE SERVICE PROVIDER” hereby agrees to accept variation, if occurred, in scope of professional services and works with mutual consent on acceptable cost/price/charges/amount inclusive of all taxes and levies.
- 1.5 All logistic charges will be borne by “THE SUPPLIER”

ARTICLE –II
SCOPE OF PROFESSIONAL SERVICES:

- 2.1 “THE SERVICE PROVIDER” hereby agrees and acknowledges for the periodic supervision of the work and to check the execution of work in accordance with the Description & Specification.
- 2.2 “THE SERVICE PROVIDER” hereby agrees and acknowledges the acceptance of attending the meetings with the Concerned Officer of “BIEK” as & when required.
- 2.3 “THE SERVICE PROVIDER” hereby agrees to provide services as per work scope provided in the bidding documents.

ARTICLE –III
REMUNERATION

- 3.1 The cost offered by the Service Provider is Rs. _____ /- (Rupees _____ only) (inclusive of all taxes) in connection with computerization / digitalization of examinations system procurement of Hardware / Software / Services vide Notification of Award of Contract # BIE/AG/L&N/ _____ /2021.
- 3.2 Liquidity damages as per SPPRA Rules.
- 3.3 Payment for support will be made on monthly basis on production of invoice along with satisfactory services certificate by the Concerned Officer of the Board.
- 3.3 Payment will be made as per provisions of SPPRA Rules.
- 3.4 Performance Security 10% of total amount of work order should be submitted in shape of Pay Order before signing of Contract Agreement.
- 3.5 Stamp Duty @ 0.35% of the cost of transaction / work order will be deposited in Government treasury by the Service Provider. This paid Stamp Duty challan would be submitted along with the Bill / Invoice.
- 3.6 Tax(es) Challan(s) / Levy(ies), If any, on additional will be paid / borne by the Service Provider as per SRO Notification.

ARTICLE –IV ARBITRATION

- 4.1 In case of any dispute, difference or and question which may at any time arise between the parties hereto or any person under them, arising out in respect of this letter of intent or this subject matter thereof shall be referred to the Chairman BIEK for arbitration / settling of the dispute, failing which the decision of the court law in the jurisdiction of Karachi binding to the parties. The Arbitration proceedings will be governed by the Arbitration Act, 1940 and the Substantive and procedural law of Pakistan. The venue shall be Karachi.

ARTICLE –V TERMINATION

- 5.1 "BIEK" may terminate this agreement if the job is not executed according to the requirement at any time after issuing a 15 day's notice.

ARTICLE –VI INDEMNITY

- 6.1 "THE SERVICE PROVIDER" in its individual capacity shall indemnify and keep "BIEK" and any person claiming through BIEK fully indemnified and harmless from and against all damages, cost and expenses caused to or incurred by "THE SERVICE PROVIDER", as a result of any defect in the title of BIEK or any fault, neglect or omission by the "THE SERVICE PROVIDER" which disturbs or damage the reputation, quality or the standard of service provided by the "BIEK" and any person claiming through the BIEK.

ARTICLE –VII NOTICE

- 7.1 Any notice given under this AGREEMENT shall be sufficient if it is in writing and if sent by courier or registered mail.

ARTICLE –VIII
INTEGRITY PACT

- 8.1 The intention not to obtain the procurement / work of any Contract, right, interest, privilege, or other obligation or benefit from the BIEK or any administrative or financial offices thereof or any other department under the control of the BIEK through any corrupt practice(s).
- 8.2 Without limiting the generality of the forgoing the M/s. _____ represents and warrants that it has fully declared the charges, fees, commission, taxes, levies etc, paid or payable to anyone and not given or agreed to give and shall not give or agree to give anyone within the BIEK directly or indirectly through any means any commission, gratification, bribe, gifts, kickback whether described as consultation fee or otherwise, with the object of obtaining or including the procurement or service contract or order or other obligations whatsoever from the BIEK, except that which has been expressly declared pursuant hereto.
- 8.3 M/s. _____ accepts full responsibility and strict liability for making any false declaration / statement, not making full disclosure, misrepresenting facts or taking any action likely to degrade the purpose of declaration, representation and warranty. It agrees that any contract / order obtained aforesaid shall without prejudice to any other right & remedies available to the BIEK under any law, contract, or other instrument, be stand void at the discretion of the BIEK.
- 8.4 Notwithstanding any right and remedies exercised by the BIEK in this regard, M/s. _____ agrees to indemnify BIEK for any loss or damage incurred by it on account of its corrupt business practice & further pay compensation to BIEK in any amount equivalent to the loss of any commission, gratification, bribe, gifts, kickback given by the M/s. _____ as aforesaid for the purpose of obtaining or inducing procurement / work / service or other obligation or benefit in whatsoever from the BIEK.

**ARTICLE –IX
MISCELLANEOUS**

- 9.1 Any addition & alteration (s) made for item(s) as required by BIEK on the basis of the work in progress which entail extra time & labor and material on part of the supply, shall not be charged separately / extra on 'Quantum Merit' basis before & on final material handed over to the "BIEK". After FINALIZATION OF SAMPLE, if any alteration(s), arise charges will be paid on mutually agreed upon.
- 9.2 The terms & conditions of this AGREEMENT have been read over to the parties which they admit to be correct and abide by the same.
- 9.3 The contract will be effective from the date of issue of Purchase Order.
- 9.4 All terms and conditions of tender vide # **BIE/AG/L&N/ /2021** will be the integral part of this agreement and can't be revoked.

IN WITNESS WHEREOF both the parties hereto have set & subscribed their respective hands to this agreement at Karachi on the date as mentioned above.

Secretary, "BIEK"
NAME:
CNIC# _____
Address:

M/s. _____
NAME:
CNIC# _____
Address:

WITNESS:

1. _____

CNIC#
Address:

2. _____

CNIC#
Address:



BOARD OF INTERMEDIATE EDUCATION,
BAKHTIYARI YOUTH CENTER, NORTH NAZIMABAD,
KARACHI-74700

	Rupees In Words	Rupees In Figures
Total cost of the Bid: <i>(as offered by the Bidder)</i>		
3% (Three percent) amount of the Bid Price Bid Security (Refundable)		
10% (ten percent) amount of the Contract Price Performance Security (Refundable)		