

KHAIRPUR MEDICAL COLLEGE
KHAIRPUR MIRS SINDH, PAKISTAN



BIDDING DOCUMENT
PROCUREMENT OF
LAB EQUIPMENT AND SCOPES

NIT reference. INF/KRY. No.4070/2023,

Dated:03 /10/2023

Station Road, Khairpur Mir's Ph: 0243-920460- 920452
Email: info@khprkmc.edu.pk website: www.khprkmc.edu.pk

DOCUMENTCHECKLIST

Please review

thefollowinglistofallpossibledocumentstobeenclosedwiththeTechnicalProposal.

SNo	Evaluation Criteria	Yes	No	Page
1	Tender Purchase Receipt(Original)			
2	Bid Security (Copy with value hidden in Technical Proposal Original in Financial			
3	Bidding Documents (Duly filled, Signed &Stamped by Bidder)			
4	Technical Proposal on Bidder's Letterhead			
5	Compliance sheet on letterhead			
6	Undertaking(as per sample form)			
7	Certificate(as per sample form)			
8	Income Tax & GST Registration Certificate			
9	Professional Tax Certificate (Sindh)			
10.	SECP Incorporation Certificate (where applicable)			
11.	PNRA Registration Certificate(where applicable)			
12.	PEC Registration Certificate (where applicable)			
13.	DRAP license showing importer of medical devices or proof of on-Going process for registration .Where applicable			
14.	Company Profile			
15.	Bank Account Maintenance Certificate			
16.	Income Tax Returns (last 3years)			
17.	Audited Financial Statement(last3year)			
18.	Work shop for After Sales Services			
19.	Technical team details (Workshop Details &Technical staff Bio-Data With training certificates)			
20.	Manufacturer' s Authorization (as per sample form)			
21.	Catalogue/Brochures(original)			
22.	Product Technical Data Sheet			
23.	ISO9001(where applicable)			
24.	ISO13485(where applicable)			
25.	ISO14001(where applicable)			
26.	CE/FDA/JIS / MHLW(where applicable)			

Note:

Mandatory documents are mentioned in 'Instructions to Bidders'
pages of the bid, except for un-amended printed literature, shall be initialed by the Bidder

TABLE OF CONTENT

S. No.	DESCRIPTION	PAGE
1)	Instruction to Bidders	4-6
2)	Salient Feature / Terms & Conditions	7-11
3)	Terms and Conditions of Tender	12-15
4)	Technical Evaluation Criteria	16-17
5)	Financial Evaluation and Scoring System for Bids	19-20
6)	Technical Specifications	21-34
7)	Bid Letter Form	35
8)	Manufacturer Authorization Form	36
9)	Contract Agreement Form	37
10)	Form of Performance Security	38-39
11)	Integrity Pact	40
12)	Bid Form & Price Schedule	41
13)	Price schedule in foreign currency	42-43

INSTRUCTIONS TO BIDDERS.

Office of the Principal, Khairpur Medical College ---- invites sealed bids

on single stage two envelope basis as per Sindh Public Procurement Rules, 2010

(Amended 2019) from Manufacturers within the Pakistan and abroad, and their Authorized

Agent / Importers/ Bidders / Distributor / Contractors for the **Supply of : Lab Equipment**

and Scopes Bidders are required to check that Tender Documents issued to them are

complete in all respects as per Summary of contents related to instructions to Bidders,

Salient Features, Evaluation Criteria, Form of Tender, Form of Agreement, Specifications

(Technical), Scope of Work, Drawings etc.

1. The rates to be inserted in the Bill of Quantity shall be deemed to include all costs of whatsoever description and expenses necessary for the Supply, Installation, Testing, Commissioning and Maintenance of the Equipment / Instrument, Laboratory Items, I.T and Related System together with all risks, taxes, liabilities and obligations, specific or implied, in the Tender Documents. Arithmetical errors, if any, shall be corrected and Tender price amended accordingly
2. The original bid shall be typed or written in indelible ink by the bidder or person duly authorized. The person or persons signing the bid shall initial all pages of the bid. The name and designation of each person signing must be mentioned below the signature
3. No bidder shall be allowed to alter or modify his bid after the bids have been opened. However, the procuring agency may seek and accept clarification to the bids that do not change substances of the bids.
4. No unauthorized alteration may be made in the Tender documents. If any such alteration is made, tender may be liable for rejection.
5. The vendor has to quote only one rate for each item/work as per tender specifications. Hand written tenders or any over writing, cutting, should be signed.
6. The Procuring Agency may reject all bids or proposal at any time prior to the acceptance of a bid or proposal. The Procuring Agency upon request communicate to any supplier or contract or who submitted a bid or proposal, the grounds for its rejection of all bids or proposal, but is not required to justify those grounds.

7. Any clarification, revision, addition or deletion, in the Tender documents may be made by the Procuring Agency before the submission and opening of Tender in the form of Addendum / Corrigendum. This will be made only by formal Addendum / Corrigendum issued by the Procuring Agency and will become part of the Contract Documents. Each addendum shall be signed by the Tenderer and returned with other Tender documents.
8. The entire Tender Documents, listed duly priced, signed & stamped on each page and completed must reach at designated place in due time and date as defined in the Bidding Data of the Tender.
9. The contractors whose Tender is accepted, by the Procurement Committee, will be required to enter in to a Contract Agreement as defined in the Form of Agreement.
10. The contract resulting from this invitation shall be governed by the **Sindh Public Procurement Rules, 2010 (Amended 2019)**.
11. All manufactured and other items should be used in the work in accordance with the instructions, specification in the Tender Document and also in accordance with generally accepted norms of good workmanship.
12. The Tender documents referred to above constitute a part of this Tender and comprise of the following documents:
 - a) Salient Features / Terms & Condition of the Tender Questionnaire/ Proforma.
 - b) Evaluation Criteria.
 - c) Form of Agreement.
 - d) Scope of work / Bill of Quantities / Specification (Technical).
 - e) The Addendum (if any).
 - f) The Drawings (if any).
13. Bidding Procedure: Single Stage - Two Envelope Procedure
 - a) Bid shall comprise a single package containing two separate envelopes. Each envelope shall contain separately the financial proposal and the technical proposal;
 - b) Envelopes shall be marked as —FINANCIAL PROPOSAL and TECHNICAL PROPOSAL in bold and legible letters to avoid confusion;
 - c) Initially, only the envelope marked —TECHNICAL PROPOSAL shall be opened;
 - d) Envelope marked as —FINANCIAL PROPOSAL shall be retained in the custody of the procuring agency without being opened;
 - e) Procuring agency shall evaluate the technical proposal in a manner prescribed in advance, without reference to the price and reject any proposal which does not conform to the specified requirements;
 - f) No amendments in the technical proposal shall be permitted during the technical evaluation;

- g) Financial proposals of technically qualified bids shall be opened publicly at a time, date and venue announced and communicated to the bidders in advance;
- h) Financial proposal of bids found technically non-responsive shall be returned un-opened to the respective bidders; and
- i) Bid found to be the lowest evaluated or best evaluated bid shall be accepted.

14. In case of discrepancies between the Invitation for Bids (IFB)/Tender Notice and the Bidding Documents, the Bidding Documents shall take precedence.

15. The bidders are expected to examine all instructions, forms, terms, and specifications in the bidding documents. Failure to furnish complete information required in the bidding documents or to submit a bid not substantially responsive to the bidding documents may result in rejection.

SALIENT FEATURES / TERMS & CONDITION OF THE TENDER

1.	Name of Work & Address	Supply, Installation, Testing & Commissioning of Lab Equipment and Scopes
2.	Time & Date of issue of Tenders	From Date of Publishing or 09 - 10 -2023 till
3.	Place of Issuance of Tender	Office of The Principal Khairpur Medical College, Station Road Khairpur Mir's Sindh
5.	Method of opening of Tender	Single Stage – Two Envelope; as per SPPRA-Rules 2010 (Amended 2019).
6.	Last Date of Purchasing Tender Documents	23 - 10 -2023 on 3:00 PM
7.	Date & Time of Submission of Tenders	24 - 10 -2023 on or before 11:00 AM.
8.	Date & Time of Opening of Tenders / Technical Proposals	24 -10 -2023 at 11.30 AM.
9.	Date of Opening of Financial Proposals	As informed by the Chairman of Procurement Committee to all participants
10.	Venue of submission & opening of Tenders	The Principal Khairpur Medical College, Station Road Khairpur Mir's Sindh
11.	Validity of Tenders	90 days as per Sindh Public Procurement Rules, 2010 (Amended 2019).

12.	Amount of Earnest Money	2% of the Contract value total quoted amount in shape of Pay Order/Call Deposit from schedule Bank in favor of Principal, Khairpur Medical College to be submitted along with Financial Proposal and also attached copy without showing amount of that pay order else the offer will be rejected. (See Column 18 also)
13.	Supply of Lab Equipment and Scopes	Within three months after the opening of LC or Purchase order in case of DDP. However, this period is extendable as per mutual agreement/demand of the situation.
14.	Installation Period	It will start after satisfactory receiving & installation of (where applicable)
15.	Maintenance Period	It will start after the satisfactory installation of the <u>Lab Equipment and Scopes</u> and issuance of Installation Certificate from the concerned official. This period will remain functional till two years wither placement of parts. For Transport, it will start from the day of delivery and will be functional as per company policy
16.	Warranty Period with replacement of Parts and services	The warranty period of parts with Free of cost replacement will be for two years. Along with two years free service& maintenance from the date of Installation or delivery items of <u>Lab Equipment and Scopes</u> For Transport as per company policy.
17.	(a) Contract Agreement Stamp Paper requirement for Agreement	The Contractor shall enter & execute a formal Agreement as per the “Form” annexed with such modification as may be necessary. - Rs. 0.35% of the Contract Value or as prescribed by Government Laws.

	(b) Opening of L.C (Letter of Credit)	Not Applicable as the Bids are invited in Pak Rupees.
17.	Release of Earnest Money/Bid Security	<p>To un-successful bidders, after financial bid is opened or technical bid is rejected.</p> <p>Upon submission of 5% Security Deposit for two years warranty period & Release of Purchase Order to Successful Bidder, the Earnest Money will be released.</p>
18.	Security Deposit	<p>5% Security Deposit in the shape Pay Order/Bank Guaranty will be submitted by Bidder with Procuring Agency which will be released as per item 20. Bank Guarantee of equal amount will also be acceptable.</p> <p>Security Deposit is deposited as per item – 19.</p>
19.	Release of Security Deposit	After completion of installation and maintenance of Defect Liability/warranty period.
20.	Variation in Contract Price	No variation in price shall be allowed on any ground including currency fluctuation/variation or whatsoever.
21.	Discrepancy	If there is any discrepancy between Salient Features of Tender/Bidding Documents and respective contents mentioned elsewhere, Salient Features / Terms & Conditions and Additional Terms & Conditions of Tender will govern.
22.	Taxes	All taxes will be deducted as per prevalent laws of Country.

23.	Approved makes	As mentioned in items specifications.
24.	Special Note Lab Equipment and Scopes	<p>Technical offers / Commercial offers failing to demonstrate below details would be rejected:</p> <ul style="list-style-type: none"> a. Quoted system must be of advanced & latest version. b. Tender must cover complete c. Tender must cover complete range of available Transport mentioned in specification d. Tender must provide all technical details up to the satisfaction of the end user. e. Items should be quality approved from the concerned international body of the respective industry.
25.	(a) Inspection of Imported equipment manufacturing site by the client.	After the award of Purchase Order, Supplier shall take two persons to the manufacturing site and bear all expenses of visit in case the cost any equipment of Supply Order is 50 million or above.
	(b) Training	Supplier will provide on-site successful training to all the personnel working on/operating the said Lab Equipment and Scopes as long as the need prevail.
26.	Maintenance.	Maintenance cost for all items for Two years from the date of successful Installation shall be undertaken by the Bidder (Maintenance includes all Parts & Labor, etc. with sufficient staff, during maintenance period).
27.	Default in Preventive Maintenance, Breakdown and Emergency Calls.	<ul style="list-style-type: none"> • In case of default by the Bidder with respect to maintenance, break down and emergency calls, the same will be carried out within 24 hours by the Procuring Agency and the cost so incurred will be paid from the Retention Money. • Moreover an additional 10% of the amount spent would be charged from the concerned contractor being defaulter.

28.	Tax Exemption.	In case of items purchased from abroad, the required certificate will be issued by this office that the import has been made from abroad, so as to avail the facility of exemption of duties/taxes, as per Government Rules/Policy according to the Sindh Public Procurement Rules, 2010 (Amended 2019). Clearance from the custom and other charges will be the responsibility of bidder.
29.	Criteria for bid evaluation.	<p><u>Merit Point Evaluation</u>(Highest ranking Bid)</p> <p>The items ranked highest in merit points (obtained through and based on technical and financial evaluation) will get unit rate central contract shall be considered as most advantageous bid.</p>

TERMS & CONDITIONS OF TENDER

Note: No tender will be accepted after closing of the Tender box, whatsoever reason may be.

1. The Bidder responsible for **Supply, Installation, Testing and Commissioning of Lab Equipment and Scopes**. **Items along with all accessories** will also repair all the damages done to the building at no extra-cost. So, the Bidder should take into account all such expenditures while quoting the bid.
2. **In Technical Bid**, the bidder must provide original data sheet, technical brochure, and all other relevant documents, along with copy of Pay Order / Bank Draft without showing the amount figure otherwise, the bid will be ignored/rejected. The technical evaluation will be done on the basis of criteria given in tender document.
3. The vendor has to fill up **compliance sheet** with YES/NO or put value as desired in the column against provided specification. These specifications must be highlighted in the brochure attached; else the offer will be rejected.
4. The bidder is required to provide original catalogue/Brochure, sketches, drawings, photographs and sample of Models along with the technical bid at the time of submission of tender. Without which tender will be rejected.
5. Date of Expiry for chemicals, Kits and strips should be minimum one year after delivery.
6. **In Financial Bid**, the Bidder should mention financial offer along with Pay Order / Bank Draft 5% value of quoted items in favor of, **Principal, Khairpur Medical College, Khairpur Mir's**. Bidder will bear all the expenses such as bank charges, custom duty, freight charges etc. The required certificate will be issued by the authority that the import has been made for Medical College, so as to avail the facility of exemption of duties / taxes, as per Government Rules / Policy according to the SPPRA-2010 (Amended 2019).
7. The disclosure of firm's price at the time of opening of Technical bid will result in the rejection of the bid.
8. No tender will be entertained without earnest money. The earnest money will be forfeited in case of non-submission of security deposit within **seven (7) days** of receipt of the offer letter.
9. Only Manufacturer, its Sole Agent or Authorized Distributors can quote **Lab Equipment and Scopes** /. No sub-distributor is allowed to quote.
10. **For Single Stage Two Envelope Sections of the tender**, first scrutiny of Technical Bids will be performed by the Procurement Committee. Financial Bids of only those firms will be opened who are qualified technically.
11. Certificate from the Sole Agent / Manufacturer has fully equipped Workshop Trained Personnel/ Engineers and Equipment should be provided in the technical bid and it can be physically verified by the administration of Khairpur Medical College, The warranty period will commence from the date of installation or delivery items of the **Lab Equipment and Scopes** at Office of **The Principal Khairpur Medical College, Station Road Khairpur Mir's Sindh**.
12. For **Lab Equipment and Scopes**, the Firm(s) must provide completed details of their financial

standing, listing of similar items supplied in Pakistan, available local stock of items and details of office with number of personnel.

13. The vendor has to quote only one rate for each item as per tender specifications. Handwritten tenders or any over writing, cutting, should be signed.
14. Vendors should quote the items they intend to supply.
15. The bidder shall submit with the bid, an **Undertaking** on Non-Judicial stamp paper of Rs. 50/- duly attested by Oath Commissioner, stating that the medical equipment will be supplied brand new, free from defects as per the approved specification, also provide two years warranty for service and maintenance and will bind himself for availability of spares for a period of **05 years** from the date of supply. In case of winding up of his business, the supplier will be bound to make an alternate arrangement of spares and maintenance of **Lab Equipment and Scopes** . In case of default, depreciated cost of **Lab Equipment and Scopes** will be recoverable from Bidder.
16. If it has been found that the information submitted by the bidder regarding his qualification and professional, technical, financial, legal or managerial competence as supplier/contractor is/was false and materially inaccurate or incomplete at any stage, then the bidder will be disqualified.
17. Suppliers / Bidder will be responsible for supply at consignee end, free of cost and also responsible for free installation work, if required.
18. **Lab Equipment and Scopes** will be handed over to the Administrator / **Store Officer** of **Khairpur Medical College**. Price escalation will not be allowed.
19. If Bidder doesn't supply **Lab Equipment and Scopes** in accordance with the supply order or fails to supply according to terms and conditions or in case of any other default, the Performance Security and Security Deposit would be forfeited and further action as per SPPRA rule would be taken against such Bidder.
20. If the supplier fails to give supply and install within the stipulated period, Liquidated charges will be imposed.
21. The decision once taken will be final and will not be challenged in any Court of Law.
22. A copy of Income Tax and GST Registration Certificate should be attached along with Technical Bid.
23. The bidding firm must be registered with SECP (Securities & Exchange Commission of Pakistan) for minimum past three years.
24. The bidder shall furnish copy of ATL (Active Tax Payer List certificate).
25. Copy of valid Professional Tax (Excise & Taxation) Certificate, Income Tax Certificate and GST Registration Certificate should be attached with the technical bid.
26. The bidder shall furnish three years Income Tax Return Certificate.
27. Conditional Tender(s) against the Government rules and non-compliance of instructions mentioned in Tender Form & Hand written tender(s) will not be entertained.

28. The Bidder should submit a **Data Sheet** according to the Tender Specifications Form as mentioned in the tender and highlight the tender specifications in their Technical Data Sheet. Additional Features can be mentioned separately.
29. In case the information provided by bidder in Data Sheet as per **Clause No. 30** is incomplete or incorrect, the quoted item will be liable for rejection.
30. Supplier must have to provide Manual book with circuit diagram where applicable.
31. Supplier must have to arrange training on site for concerned technical staff for the supply of **Lab Equipment and Scopes**.
32. Central Procurement Committee, Health Department, Govt. of Sindh reserves the right to reject or accept any / all tender(s) as per SPPR-2010 (Amended 2019).
33. The system will have the minimum uptime 95% in case of downtime beyond this period the following penalty will be applied:
 - a) 95% to 100% No penalty.
 - b) 90% to 95% the warranty period will be extended by the number of days system is down.
 - c) 85% to 90% warranty period will be extended 1.5 times the down time period
 - d) 80% to 85% warranty period will be extended two times for the down time period and supplier is supposed to give justification of delay.
 - e) Uptime less than 80% hospital will complain to the Principal to take action against the supplier and warranty will be three times for the down time period.
 - f) However, PPM (Periodic Preventive Maintenance) will not be considered in the down time and PPM of the system will be done as per manufacturer recommendation.
34. The Bidder shall submit Bill/Invoice for the purchase order value after delivery, installation and issuance of satisfactory report by the end user.
35. Bids shall remain valid for **90 days** after the date of bid opening and same may be extended in terms of Rule 38 (2) (3) (4) of SPPRA Rules.
36. Bid should be inclusive of all Government taxes (if applicable) and the same will be paid by the Contractor except withholding tax and 0.35% Stamp Duty which will be deducted at source in office of the Accountant General Sindh Karachi.
37. 20% of the due Sindh Sales Tax (if applicable) will be deducted from the bill of the Contractors / Suppliers while remaining 80% will be deposited by the Bidder / Suppliers themselves.
38. The bid security will be forfeited to the Government, if the bidder withdraws his bid after opening and before the expiry of the bid validity period or fails to sign the contract in stipulated time if the bid is accepted.

39. The Procuring Agency may reject all or any bid at any time prior to the acceptance of a bid or proposals, subject to the relevant provision of SPP Rules, 2010 (Amended 2019). Payment will be made within four weeks after receipt of bill / invoice duly fills in all respects.

40. Prices quoted shall remain valid up to **One Year**.

41. Bids submitted late due to any reason what so ever, shall not be considered and returned unopened to the bidder or his authorized representative.

42. Registration from Sindh Revenue Board is not required in procurement of Goods.

I / We agree to above mentioned terms & conditions:

Name of Contractor _____ Signature _____

(CNICNO _____ (Copy must be attached).)

Full Address _____

Rubber Stamp _____

Technical Evaluation Criteria
Lab Equipment and Scopes
Check List (Mandatory Documents)

If any bidder failed to submit any of the following documents, the same shall be disqualified.

Sr. No.	DOCUMENT DESCRIPTION	YES / NO	PAGE #
1	Tender Purchase Receipt (Original)/Pay order		
2	Bid Security (5%) Copy with value hidden in Technical Proposal; Original in Financial)		
3	Technical Proposal on Bidder's Letterhead		
4	Compliance sheet on letter head		
5	Undertaking (as per sample form)		
6	Income Tax & GST Registration Certificate		
7	Valid Professional Tax Certificate		
10	FBR Income Tax Returns (last 3 years)		
11	Audited Financial Statement (last 3year)		
12	Factory / Workshop Details (duly equipped)		
13	Valid Authorization Letter from Manufacturer in reference to this particular tender.		
14	Catalogue / Brochures / Drawing		
15	Sample of Models and manikins with Technical Proposal		
16	ISO 9001 of Bidders / Manufacturer (where applicable) (website link must be provided for verification)		

Note:

- All pages of the bid, except for un-amended printed literature, shall be initialed by the Bidder.
- Documents must be submitted in binding, with filled Table of Content, Page Numbering and tagging wherever required.

Technical Evaluation Criteria
Lab Equipment and Scopes
Maximum Allocable Marks Score 70 to Qualify

Note:

Financial proposal must be submitted on company letter head duly signed and stamped. Bidder is required to type their offer in figure and as well as in words of the total amount else the offer would be rejected.

EVALUATION / QUALIFICATION

1.1 The procuring agency reserves the right to evaluate and compare the bids on itemized basis OR on the basis of a group of similar nature goods OR goods compatible with each other.

1.2 The following merit point system for weighing evaluation factors/criteria will be applied for technical proposals.

1.3 Bidders achieving minimum **70 marks** will be considered only for further process. Documentary evidence must be attached in support of each parameter.

S#	PARAMETERS / SUB-PARAMETERS	Total Marks
1	Conformity to the Purchaser's Specifications / Sample Examination	35
1.1	Fully compliance with the required specifications / Sample	35
1.2	Compliant with minor deviation (up to 10% subject to main function is not affected)	20
1.3	Non-compliance or above 5% deviation from the statement of required specifications	Disqualify
2	Last three Years' Experience of five Public Sector Tertiary Care Hospitals (2 Marks of each)	10
3	Last three Years' Experience of five Private Sector Tertiary Care Hospitals (2 Marks of each)	10
4	Average Annual Turnover during last three (03) financial years Duly verified from FBR Tax Returns	10
4.1	More than 500.000 (M)	10
4.2	More than 200.000 (M) to 500.00 (M)	08
4.3	More than 100.000 (M) to 200.00 (M)	06
4.4	More than 100.000 (M) to 50.00 (M)	04
5	Financial Worth of each year average for continuous last three years (Assets Minus Liabilities in FBR Returns)	10
5.1	200.000 (M) and above	10
5.2	150.000 (M) to below 200.00 (M)	08
5.3	100.00 (M) to below 150.00 (M)	06
5.4	50.00 (M) to below 100.00 (M)	04
6	Manufacturer's Authorization	10
6.1	Itself Manufacturer	10
6.2	Valid Authorization of Manufacturer of goods	08
7	Delivery Schedule at consignees end	10
7.1	Within 20 days	10

7.2	Within 30 days	08
7.3	Within 45 days	06
8	CERTIFICATION.	05
8.1	ISO 9001 of bidders / Manufacturer Link must be provided for verification.	05
	TOTAL MARKS	100

1.4 Any Bid not meeting the mandatory requirements of evaluation criteria will be disqualified / rejected straight away and will not be considered for further evaluation.

Financial Evaluation and Scoring System for Bids (Maximum Allocable Marks Score 30 marks)

The financial bids of technically qualified bidders will be opened publicly at the time to be announced by the Procuring Agency and the financial bids found technically non-responsive shall be returned un-opened to the respective Bidders.

Total Allocable marks for Technical Proposal = 100

Total Allocable marks in Financial Proposal = **30**

Total Combined Allocable Score for individual bids = Marks obtained in Technical Evaluation + Marks obtained in Financial Evaluation = **130**

Scoring Methodology:

Contract will be awarded to the most advantageous responsive firm whose product ranks highest in the Combined Evaluation scoring calculated through the Marks awarded to Technical Proposal and Financial Proposal as stated in the Bid Data Sheet of these Standard Bidding Documents.

The Evaluation Methodology is a combination of non-price factors (in Technical Criteria) and price factor (in Financial Criteria); and each having points as elaborated in the evaluation proformas provided in these SBDs.

As evident from allocable score above and because of the importance and complexities/sensitivities in the field of procurement and use of Drugs and other products related to human lives and health, this Methodology puts greater emphasis on non-price factors like high quality of the product derived from excellent-grade raw material, stringent product certifications, international best pharmaceutical quality control practices in laboratories, pharmaco -vigilance systems for Drug safety reporting and monitoring; and the most efficient industrial processes in the manufacturing premises.

Procedure for the Marks Scoring: Marks will be awarded or otherwise for various technical parameters

to each quoted product based on the prescribed Technical and Financial criteria. The total combined marks will determine the highest ranking product in each product category for contract award.

The formula to calculate the marks for the price by the bidders:

Financial Evaluation Score of individual quoted Product:

- $[\text{Lowest quoted Price of the item} \div \text{Next higher proposed Price of the competing item}] \times \text{Total allocable financial score}$

Solved Example of Financial Scoring (Medicine):

- If the lowest quoted price of an item is Rs. 86/-, the same lowest bidder will obtain score as below:
- $[86 \div 86] \times 30$
- 30 marks, being the lowest bidder for the quoted item.
- If the next higher quoted price of the same item is Rs. 105/-, the marks obtained will be:
- $[86 \div 105] \times 30 = 24.5714 \text{ Marks}$
- If the next higher quoted price of the same item is Rs. 130/-, the marks obtained will be:
- $[86 \div 130] \times 30 = 19.8461 \text{ Marks}$
- And so on.

BIDDER'S DETAILS FOR NOTICE PURPOSES

Bidder Name:	
Address:	
Tel No.	
Fax No.	
Contact Person Name:	
Mobile No.	
Email Address:	

LAB EQUIPMENT AND SCOPES

SNo	Item	Specification	Qty	@Rate
01	POWER LAB SYSTEM FOR PHYSIOLOGY Country of Origin: USA, UK, Australia or equivalent:	POWER LAB SYSTEM FOR PHYSIOLOGY Country of Origin: USA, UK, Australia Specification or equivalent: 01. The Power Lab 26T data acquisition unit features 4 general purpose inputs (DIN), a dual Bio Amp, isolated stimulator, trigger input and an analog outputs (non-isolated). It also includes an I2C port for connection to AD Instruments' range of Front Ends. The PL26T04 features a durable aluminium enclosure and ships with a MLADDF30 Stimulating Bar Electrode, TN1012/ST Pulse Transducer, MLA2540 Shielded Bio Amp Cable, MLA2505 Shielded Lead Wires (5), MLAC22 BNC-DIN Smart Adapter (2), and MLAC25 BNC to DIN Cable (2m). The PowerLab uses a USB interface for connection to Windows and MacOS computers and has an aggregate sampling rate of 400k samples/s (100k samples/s per channel). The Bio Amp and Isolated Stimulator are certified safe for human connection, BF rated. Software is required for use, and is purchased separately. General purpose inputs 3 & 4 are shared with the built in dual Bio Amp. 02. Lt LabStation is a laboratory-based education platform designed to be used with PowerLab. It enables educators to create their own experiments for their students to complete in the lab. Lt LabStation also allows educators access to an online library of high-quality lessons that can be edited to suit their laboratory course. Developed using the same technology as our online learning solution (Lt), Lt LabStation gives educators and their students a modern lab experience. 03. The PTK30 Human Physiology Kit allows students to investigate and record a number of laboratory lessons on humans subjects. The kit includes the TN1132/ST Respiratory Belt, MLT1102/D Sphygmomanometer (3 cuff sizes), MLT201 Cardio Microphone, MLA92/D Push	01	

		<p>Button Switch, MLT004/ST Grip Force Transducer, MLAYDG Dry Earth Strap, and MLA93/D Tendon Hammer. A PowerLab is required for use of this Kit with ADInstruments authored lessons.</p> <p>04. The PTK10 Human Respiratory Kit allows recording and analysis of respiratory parameters such as minute ventilation and tidal volume along with the calculation of PIF, PEF, FVC and FEV1 using the LabChart Spirometry Extension (Win & Mac). The kit includes the ML311 Spirometer Pod, MLT1000L Respiratory Flow Head, MLA145 Student Disposable Respiratory Kit (5), MLA1011A Clean Bore Tubing and Flow Head Adapter.</p> <p>05. The MLA415 Biopotential Accessory Kit contains a set of biopotential consumables: MLA1010B ECG Electrodes (x1000), MLA1090 Electrode Cream (x3), MLA1093B Abrasive Gel (3 pack), MLA1094 Alcohol Swabs (pack of 1000), MLA1095 Electrode Paste (3 pack).</p> <p>06. The PTK25 Wireless Heart Rate Kit is ideal for teaching applications. It provides a low cost measurement of heart rate of a human subject via a transmitter that transmits wireless within a range of 1.2m to a receiver. It would be ideal for subjects running on a threadmill. The kit includes the MLAC35/ST Polar Receiver Interface Cable and SP0180 Polar Transmitter w/Chest Straps (Small, Medium and Large).</p> <p>07. The MLA0115/D ECG 12 Lead Switch Box (Dual Bio Amps) allows for the mechanical selection of standard lead configuration aVF, aVL, aVR configurations. Chest electrode configurations V1 to V6 using the MLA710 Chest ECG Electrodes. Channel 1 displays all lead configurations on the switchbox with Channel 2 displaying Lead II for use in Vector Cardiography. It is supplied with MLA2510 Shielded Lead Wires, pack of ten (1m). This Switch box is designed to be used with the FE232 Dual Bio Amp, and discontinued dual bio amp hardware variations that include the FE135 Dual Bio Amp, ML408 Dual Bio Amp/Stimulator and PowerLabs with a built-in dual bio amp (ML4856, ML4818, ML865, ML860).</p> <p>08. Lt Subscription Access allows access to all Lt software features, including standard lesson templates, authoring tools for content creation,</p>		
--	--	---	--	--

		<p>and analytics and assessment tools for evaluating and documenting student progress. Access to Lt is governed by the terms and conditions detailed in the Framework Subscription Agreement and Subscription Form. The number is the maximum number of Users permitted to access Lt.</p> <p>09.</p> <p>Lt Physiology content pack. This content pack gives you access to the ADI Physiology content in Lt, including the Animal Physiology, Exercise Physiology, Human Physiology, Neuroscience, Pharmacology, and Psychophysiology collections. The number is the maximum number of Users permitted to access this content pack.</p> <p>10. The LTSK0020 Intermediate Human Physiology Sensor Kit is suitable for investigating and recording a wide range of biological signals. It contains eight sensors, as well as accessories and consumables needed for data acquisition in 16 of our Lt Sensor Human Physiology labs The kit includes the LTS2010 Biopotential Sensor, LTS2020 Finger Pulse Sensor, LTS2030 Tendon Hammer Sensor, LTS2040 Grip Force Sensor, LTS2050 Blood Pressure Sensor, LTS2060 Cardio Microphone Sensor, LTS2070 Skin Temperature Sensor, LTS2080 Respiratory Belt Sensor, MLA1010 Disposable ECG Electrodes (100 pk), MLA2505 Shielded Lead Wires (5 pk), MLAYDG Dry Earth Strap, and MLA1093 Abrasive Gel. Software is required for initial installation, and purchased separately.</p> <ul style="list-style-type: none"> • A latest Laptop with following specs is required for Power lab. <p>Processor: Core i5 or higher</p> <ul style="list-style-type: none"> • Computer system with following specs is required for power lab • Processor : core i5 Hard Disc: 1TB Monitor: 19 inch LED • Memory RAM: 8GB • Complete Software installation with Demonstration 		
02	<p><u>BINOCULAR MICROSCOPE.</u> <u>Origin: Germany, USA, Uk Or Equivalent</u></p>	<p><u>BINOCULAR MICROSCOPE.</u> <u>Origin: Germany, USA, Uk Or Equivalent</u></p> <p>The item should present</p> <ul style="list-style-type: none"> • Observation tube 	15	

		<ul style="list-style-type: none"> • Field number 20(standard) • Tube tilting angle inclined and rotatable 360. • Inter papillary distance adjustment range 48-75° • Eyepieces: 10x 20mm FOV • Nosepiece: Reversed angle, quadruple • Objectives: Plain Achromatic 4x, 10x, 40x, 100x Oil • Condenser: 1.25 N.A.(type-ABBE condenser, day light filter detachable,aperture iris diaphragm built in. • Dimension & weight: 284mm(L), 227mm(W),360.6(H), 6-7 kg • Stage: • Size: 200x160mm with reckless mechanicalstage. • Movement range: 78x54mm. • Specimen holder : Double specimen • Focusing mechanism: • Stage height adjustment mechanism. • Fine adjustment scale (3.0µmm/graduation) • Fine adjustment stroke (0.3mm/turn). • Total stroke (12.7mm). • Coaxial focusing system with an adjustable tension control and upper limit stop to prevent accidental damage to slides; all metal gears, brassfine focus gear • Coaxial coarse/fine focus system with limitstopper and torque adjustment • Illumination: LED Illumination variable with cordholder. • Operating environment: • Indoor use. • Ambient temperature (5-40 degree centigrade). • Maximum relative humidity (80% for temperature up to 31 degree centigrade). • Supply voltage fluctuations (not to exceed +10%of the normal voltage. • Electrical: • LED battery 7.4 V,1000Ma/halogen 6v20w • Charging time up to 5 hours (with totally consume battery) • Total battery time 4-6hours. • Charging time up to 2000 hours • Accessories: Dust cover, immersion oil &instruction manual included. <p>14. Warranty: 5 Year Mechanical & 1 YearElectrical</p>		
--	--	--	--	--

03	HD/ Q-IMAGE DUODENO VIDEO SCOPE Country Of Origin: USA / Japan / Europe / UK OR EQUIVALENT	HD/ Q-IMAGE DUODENO VIDEO SCOPE <p>Video Duodeno Video scope with CCD / CMOS and advanced technological features Field of view: 100° Direction of view 5°-10° or better (Backward Viewing) Depth of field: 5 - 60 mm or better Distal end diameter: 13.7 or less Insertion tube diameter 11.6 mm or less Working length: 1200 mm or more Channel inner diameter: 4.2 mm Angulation: Up 120° Down 90° or better Right 105° Left 90° or better Observation facility for greater contrast of blood vessels and mucosa Texture and Color Enhancement Imaging Red Dichromatic Imaging) Ergonomically design grip which enhances scope maneuverability Scope ID function to facilitate endoscopy suite management Water proof design Dual wire locking mechanism Detachable cap Country Of Origin: USA / Japan / Europe / UK OR EQUIVALENT</p>	01	
04	<u>ADULT HIGH DEFINATION COLONO VIDEOSCOPE</u> Country Of Origin: USA / Japan / Europe / UK OR EQUIVALENT	<u>ADULT HIGH DEFINATION COLONO VIDEOSCOPE</u> FULL HD COLONO VIDEOSCOPE FLEXIBLE <p>Video Colono Video scope with CCD / CMOS and advanced technological features Separate water jet function Waterproof One-touch Connector Fully immersible to avoid accidental damage to scope without any gadget Narrow Band Imaging/ Multi Band Imaging Reflexive bending feature RIT function available User adjustable stiffness controller / variable stiffness Waterproof One-touch Connector Field of view 170° or better Direction of view Forward viewing Depth of field 2-100 mm Distal end outer diameter 13.2 mm or less</p>	01	

		<p>Insertion tube outer diameter 11.8 mm or less Working length 1680 mm or more Channel inner diameter 3.7 mm or more Angulations Range Up 180°, Down 180°, Right 160°, Left 160° Ergonomically designed grip which enhances scope maneuverability. Scope ID function to facilitate endoscopy suite management. At least 3 x light guide lens built in</p> <p>Country Of Origin: USA / Japan / Europe</p>		
05	<p><u>ADULT HIGH DEFINATION GASTROINTESTIN AL VIDEOSCOPE</u> Country Of Origin: USA / Japan / Europe / UK OR EQUIVALENT</p>	<p><u>ADULT HIGH DEFINATION GASTROINTESTINAL VIDEOSCOPE</u></p> <p>FULL HD GASTROINTESTINAL VIDEOSCOPE FLEXIBLE Video Gastro Video scope with CCD / CMOS and advanced technological features Separate water jet function Slim design Scope ID function available Narrow Band Imaging/ Multi Band Imaging Waterproof One-touch Connector. Fully immersible to avoid accidental damage to scope without any gadget. Field of view 140° or better Direction of view Forward viewing Depth of field 2-100 mm Distal end outer diameter 9.2 mm or less Insertion tube outer diameter 9.2 mm or less Working length 1030 mm or more Channel inner diameter 2.8 mm or more Angulations Range Up 210°, Down 90°, Right 100°, Left 100° Ergonomically designed grip which enhances scope maneuverability. Scope ID function to facilitate endoscopy suite management At least 2 x light guide lens built in Country Of Origin: USA / Japan / Europe / UK OR EQUIVALENT</p>	01	

06	<p><u>ENDOSCOPIC TOWER WITH HD MONITOR AND TROLLEY</u> Country Of Origin: USA / Japan / Europe / UK OR EQUIVALENT</p>	<p><u>ENDOSCOPIC TOWER WITH HD MONITOR AND TROLLEY</u></p> <p><u>(A) FULL HD VIDEO PROCESSOR</u></p> <p>Power supply voltage : 100-240 V AC</p> <p>Frequency : 50 / 60 Hz Contains the electronics to operate the Dual Focus</p> <p>Compatible with High Definition video endoscopes. Pre-freeze function automatically 16:9 and 16:10 output for a HDTV monitor Compatible with analog, HD-SDI, and DVI output</p> <p>Link connection to peripheral devices Picture-in-picture and index function effectively enhance your observation Portable memory is compatible for data management DV output to compatible documentation devices</p> <p>White balance adjustment is using the white balance button on the front panel Color tone adjustment • Red: ± 8 steps • Blue: ± 8 steps • Chroma: ± 8 steps Electronic amplification of the light Three contrast modes Low/ Normal/ High Enhancement of contrast of the fine patterns in the image</p> <p>Edges enhancement of the endoscopic image The image with the least blur is selected from the images captured Fog free function for clear images Electronic magnification, controlled either from scope or from keyboard and Up to 50 patient data can be registered Scope ID function for easier Endoscopy suite management and for next generation system expansion. A single compatible keyboard to control Video processor / system centre and EUS both</p> <p><u>(B) LIGHT SOURCE 300W XENON</u></p> <p>Power supply voltage : 100-240 V AC: with $\pm 10\%$ Frequency : 50 / 60 Hz: with $\pm 3\text{Hz}$</p> <p>Examination lamp: Xenon short-arc lamp (ozone-free) 300 W Average lamp life: Approximately 500 hours of continuous use Ignition method Switching regulator</p>	01
----	--	--	----

		<p>Brightness adjustment: Light-path diaphragm control</p> <p>Cooling: Forced-air cooling</p> <p>Intensity mode: Normal or high intensity</p> <p>Color conversion: using special-purpose filter</p> <p>Emergency lamp: Halogen lamp (within mirror) 12 V 35 W</p> <p>Average emergency lamp life: Approximately 500 hours</p> <p>Automatic brightness adjustment method: Servo-diaphragm method</p> <p>Automatic exposure: 17 steps</p> <p>Pump: Diaphragm type pump</p> <p>Pressure switching: 4-level available (OFF, low, medium, high)</p> <p>Method: Feeds water by pressurizing the detachable water container with air</p> <p>Emergency lamp: Indicates absence of emergency lamp, disconnection and use of emergency lamp.</p> <p>LED / LCD ULTRA HIGH DEFINITION COLOR MONITOR 32"</p> <p>32" or more Medical Grade</p> <p>same manufacturer for best quality</p> <p>ULTRA HD 4K</p> <p>Resolution 3840 x 2160 or more</p> <p>Contrast Ratio 1000:1</p> <p>Luminance: 450cd/m2</p> <p>Viewing angle 178/ 178 degree</p> <p>No of color 1.07billion</p> <p>Image enhancement</p> <p>AIME</p> <p>Flip pattern Rotation</p> <p>4K input 12G-SDI x2</p> <p>Display Port X1, HDMI x 1</p> <p>4KOutput 12G-SDI x2</p> <p>Trolley Mounted</p> <p>Multi Display</p> <p>Mode PIP & POP</p> <p>Aspect ratio of 16:9 or more.</p> <p><u>(D) MOBILE WORK STATION WITH ARM & CABLING SYSTEM</u></p> <p>Trolley accommodates a wide range of electro-medical devices advanced endoscopic procedures</p> <p>LCD Monitor Arm allows the operator to optimize the viewing position with ease, due to the integral gas spring and tensioned joints providing excellent balance in use</p> <p>Optimized cable management through a range of cable channels integral to the workstation hoop</p> <p>Isolation transformer should be fitted as</p>		
--	--	--	--	--

		<p>standard to meet electrical safety requirements.</p> <p>Output from the transformer is controlled by a central switch, allowing all connected Equipment to be powered up simultaneously</p> <p>Safe and easy to use single and double gas bottle holders for various bottle sizes</p> <p>support all procedures with CO2 insufflation in surgical and medical endoscopy</p> <p>Depending upon set configuration, the sliding keyboard tray is simple to use and enables easy access for entering demographic data</p> <p>Complete with following:</p> <p>CO2 Cylinder Holder (140 mm)</p> <p>Sliding Keyboard Tray</p> <p>LCD Monitor Arm</p> <p>IV Pole</p> <p>Drawer Unit</p> <p>Equipotential Strip</p> <p>Monitor Power Supply Holder</p> <p>Footswitch Holder</p> <p>Keyboard Arm - Side Mounted</p> <p>Universal Storage Container</p> <p>Equipotential Support Rail</p> <p>Cable Retaining Hook</p> <p>Nurses Control Arm</p> <p><u>(E) MAINTENANCE UNIT</u></p> <p>Maintenance unit with leakage tester for endoscopy</p> <p><u>(F) FLUSHING PUMP</u></p> <p>Flushing Pump for Colonoscope</p> <p>Country Of Origin: USA / Japan / Europe / UK OR EQUIVALENT All Items should be same manufacturer</p>														
07	<p><u>ENDOSCOIC</u></p> <p><u>DIATHERMY</u></p> <p><u>MACHINE</u></p> <p>Country Of Origin: USA / Japan / Europe / UK OR EQUIVALENT</p>	<p><u>ENDOSCOIC</u></p> <p><u>DIATHERMY</u></p> <p><u>MACHINE</u></p> <ul style="list-style-type: none">• High Power cut support immediate• Fast spark monitor Optimized Cutting Power_ <p>Specification</p> <table><tr><td>Power Supply</td><td>AC 100 V to 120 V/AC</td></tr><tr><td>Frequency</td><td>356 kHz</td></tr></table> <p><u>Monopolar Output</u></p> <table><tr><td>Split neutral electrode</td><td>10 mm 2-pins</td></tr><tr><td>Pure Cut</td><td>120w @ 500 Ohm</td></tr><tr><td>Pulse show/fast</td><td>120w @ 500 Ohm</td></tr><tr><td>Soft Coag.</td><td>120w @ 100 Ohm</td></tr></table> <p>Ohm</p>	Power Supply	AC 100 V to 120 V/AC	Frequency	356 kHz	Split neutral electrode	10 mm 2-pins	Pure Cut	120w @ 500 Ohm	Pulse show/fast	120w @ 500 Ohm	Soft Coag.	120w @ 100 Ohm	01	
Power Supply	AC 100 V to 120 V/AC															
Frequency	356 kHz															
Split neutral electrode	10 mm 2-pins															
Pure Cut	120w @ 500 Ohm															
Pulse show/fast	120w @ 500 Ohm															
Soft Coag.	120w @ 100 Ohm															

		Forced Coag. 120w @ 500 Ohm <u>Biopolar Output</u> Bipolar Cut 100w @ 500 Ohm Bipolar Soft Coag. 120w @ 100 Ohm RF Coag. Including RCA 40w @ 100Ohm Country Of Origin: USA / Japan / Europe / UK OR EQUIVALENT All items should be one manufacturer		
--	--	--	--	--

ERCP ACCESSORIES

Country Of Origin: USA / Japan / Europe / UK OR Equivalent

Following serial 08 to24

08		CBD Stone retrieve balloon	04	
09		Sphincterotome for triple lumen	04	
10		Guide wire single use for endoscopy biliary procedure	10	
11		Biliary plastic stent single pigtail/double pigtail/ Amsterdam	10	
12		Stent introducer	04	
13		Polypectomy snare single double lumen	04	
14		Achalasia Balloon 35mm	02	
15		esclotherapy needle 21G	10	
16		Peg tube size 24m	10	
17		Hemo clip	10	
18		Biopsy forceps (Gastro scope)	03	
19		Biopsy forceps (Colono scope)	03	
20		Raptor forceps (230cm 2.4mm)	02	
21		Bougie Dilator	02	
22		Cleaning brush	02	
23		Biopsy valve set	02	
24		Injection contrast	02	
25	<u>CBC Machine</u> Country of Origin: USA / Japan / Europe / UK or Equivalent	Description of CBC machine/Blood cell counter: CBC machines, or complete blood count machines, are essential tools for any laboratory or medical facility that needs to analyze blood samples. These machines are also known as blood cell counters or hematology analyzers. They are designed to provide accurate and comprehensive information about the number and type of cells in a blood sample, including red blood cells, white blood cells, and platelets.	01	

		<p>Features of CBC Machines:</p> <ul style="list-style-type: none"> • High precision and accuracy in blood cell analysis • Ability to analyze large volumes of blood samples in a short period of time • Automatic sample preparation and handling • User-friendly interface and easy-to-use software • Advanced data management and reporting capabilities • Low maintenance and long lifespan <p>Types of CBC Machines:</p> <p>There are several different types of CBC machines available on the market, each with its own unique features and capabilities. Some common types include:</p> <ul style="list-style-type: none"> • Automated CBC Machines: These machines are fully automated and can analyze multiple samples at once. They use advanced technology to provide highly accurate and reliable results. • Semi-Automated CBC Machines: These machines require some manual intervention, such as sample loading and preparation. They are typically less expensive than automated machines, but may not provide the same level of accuracy. • Point-of-Care CBC Machines: These portable devices are designed for use in a clinical setting, such as a doctor's office or emergency room. They provide rapid results and can be used to diagnose conditions such as anemia, infection, and leukemia. Point-of-care CBC machines are smaller and less expensive than other types of CBC machines, but may have fewer parameters and a lower level of accuracy. However, they are ideal for situations where fast, on-the-spot results are needed. <p>Benefits of CBC Machines:</p> <ul style="list-style-type: none"> • Provides accurate and comprehensive information about blood cell counts and types • Helps doctors and medical professionals diagnose and monitor a wide range of conditions, including anemia, infection, and leukemia • Enables early detection and treatment of blood-related disorders 		
--	--	--	--	--

	<ul style="list-style-type: none">• Helps improve patient outcomes and quality of life• Saves time and reduces the need for manual blood cell counting <p>Uses of CBC Machines:</p> <p>CBC machines are used in a variety of settings, including hospitals, clinics, research laboratories, and blood banks. Some common uses include:</p> <ul style="list-style-type: none">• Diagnosing and monitoring blood-related disorders, such as anemia, leukemia, and infection• Monitoring patients undergoing chemotherapy or other treatments that affect blood cell counts• Analyzing blood samples for research purposes• Screening blood donors for infectious diseases <p>Test Performance</p> <ul style="list-style-type: none">• Principles & Technologies <p>WBC: Impedance Method RBC, PLT: Sheath Flow Impedance Method HGB: Colorimetric Method</p> <ul style="list-style-type: none">• Parameters <p>Whole Blood (WB) and Pre-Dilute (PD) Mode; 21 parameters WBC: LYM»: MXD»: NEUT*; LYM°o: MXD°o; NEUT%; RBC; HGB; HCT; MCV; MCH; MCHC; RDW-CV; RDW-SO; PLT: MPV; PDW; PCT; P-LCR; P-LCC;</p> <ul style="list-style-type: none">• Histogram WBC (3-Part Differential). RBC, PLT• Throughput Whole Blood Mode: 60 samples/hour Pre-Dilute Mode: 50 samples/hour• Sample Volume WB Mode: 14 pL PD Mode: 20 pL• Performance <table><tr><td>Linearity</td><td>Precision (CV%)</td></tr><tr><td>WBC 0 x 10^u/L-99.9 x 10⁷L 10^o/L)</td><td>£ 2.0% (7.0 x 10⁴/L-15.0 x 10⁹/L)</td></tr><tr><td>RBC 0.3 x 10¹²/L*7.0 x 10⁷L 10⁹/L)</td><td>£ 3.5% (4.0 x 10⁴/L*6.9 x 10⁹/L)</td></tr><tr><td>HGB2Ug/L-^«ug/L</td><td>< 2.0% (3.5 x 10¹²/L*6.5 x 10⁹/L)</td></tr><tr><td>PLT 20 x 10⁷L~999 x 10⁹L s 4.0% (150 x 10⁹/L-500 x 10⁹/L)</td><td>£ 1.5%(1UUg/L*1«Ug/L)</td></tr></table> <ul style="list-style-type: none">• Data storage 50,000 complete sample results with histograms• Screen Type 10.4* LCD color touch screen• Quality Control 2 QC programs: L-J QC and X-Mean QC; 15 QC files• Peripheral Options <p>Internal Thermal Printer (include) Optional External Printer (not include)</p>	Linearity	Precision (CV%)	WBC 0 x 10 ^u /L-99.9 x 10 ⁷ L 10 ^o /L)	£ 2.0% (7.0 x 10⁴/L-15.0 x 10⁹/L)	RBC 0.3 x 10 ¹² /L*7.0 x 10 ⁷ L 10 ⁹ /L)	£ 3.5% (4.0 x 10⁴/L*6.9 x 10⁹/L)	HGB 2Ug/L-^«ug/L	< 2.0% (3.5 x 10¹²/L*6.5 x 10⁹/L)	PLT 20 x 10 ⁷ L~999 x 10 ⁹ L s 4.0% (150 x 10 ⁹ /L-500 x 10 ⁹ /L)	£ 1.5%(1UUg/L*1«Ug/L)		
Linearity	Precision (CV%)												
WBC 0 x 10 ^u /L-99.9 x 10 ⁷ L 10 ^o /L)	£ 2.0% (7.0 x 10⁴/L-15.0 x 10⁹/L)												
RBC 0.3 x 10 ¹² /L*7.0 x 10 ⁷ L 10 ⁹ /L)	£ 3.5% (4.0 x 10⁴/L*6.9 x 10⁹/L)												
HGB 2Ug/L-^«ug/L	< 2.0% (3.5 x 10¹²/L*6.5 x 10⁹/L)												
PLT 20 x 10 ⁷ L~999 x 10 ⁹ L s 4.0% (150 x 10 ⁹ /L-500 x 10 ⁹ /L)	£ 1.5%(1UUg/L*1«Ug/L)												

		<p>Serial Pod (RS-232) LAN (TCP/IP) 4 USB Ports</p> <ul style="list-style-type: none"> • Power Source (100*240 V) AC; 50 Hz/60 Hz; 300 VA • Store and Shipping Conditions -10°C-40°C; 10%-90% Relative Humidity; 50 kPa-106 kPa • Operating Conditions 15°C*30°C; 30%-85% Relative Humidity; 70 kPa-106 kPa • Dimensions 340 mm*465 mm*425 mm Weight 27 kg 		
26	<p>Digital kymograph. Country Of Origin: USA / Japan / Europe / UK or Equivalent</p>	<p>Digital kymograph Kymograph consisting of a revolving drum, bearing a kymograph paper on which a stylus moves up and down displaying the effects of the drugs contractile tissues, is commonly used in experimental physiology and pharmacology laboratories in teaching institutions. Muscle or tissue movements are recorded on paper fixed on moving drum using recording lever. Meditech's Sherrington recording drum is microprocessor controlled unit and is advanced version in comparison to old type of electrically driver pulley adjustment drum.</p> <p>Features</p> <ul style="list-style-type: none"> • Maintenance free: Microprocessor controlled unit <ul style="list-style-type: none"> • 16*2 LCD Display • Digital speed selection • Highly accurate speeds-0.12.0.25.0.50.0.75,1.00.125.2.50 mm/sec • Digital Timer & Time multiplier with Audio & Visual Alarm • Very low power consumption • Easy height adjustment of drum • Auto concentration response curve(CRQ mode & Normal mode) • Sturdy, corrosion resistant body • Battery backup optional) • Digital display Kymograph/Mechanical Drum • Maintenance free: Microprocessor based system and no complicated gear system • Most suitable for under-graduate students • Highly accurate speeds-0.12.025.0.50.0.75,1.00.125.2.50 mm/sec • Special chrome plated rod and M.S. powder coated body-extremely resistant to corrosion and leak proof design • Very low power consumption • Easy height adjustment of drum • Operated with stepper motor which is highly accurate and 	10	

		run by microprocessor		
27	<u>SPECTRO PHOTOMETER</u> Country Of Origin: USA / Japan / Europe / UK or Equivalent	<u>SPECTRO PHOTOMETER –</u> Latest Model Specifications: LX210DS, LX211DS, LX212DS with 190 to 1100nm wavelength deuterium LAMP UV light and tungsten lamp 7” LCD screen UBS port for data transfer auto 8 cell holder 21 CFR part 11 compliant soft ware And other features.	01	
28	<u>Microhaem atocrit reader</u>	<u>Microhaemotocrit reader</u> USA / Japan / Europe / UK or Equivalent	01	
29	<u>Lance of Microscope</u>	<u>Lance of Microscope</u> <u>Size 10,40,100</u> USA / Japan / Europe / UK or Equivalent	set	
30	<u>Eye Piece</u>	<u>Eye Piece</u> USA / Japan / Europe / UK or Equivalent	set	

BID LETTER FROM

From:

(Registered name and address of the bidder) To:

The Principal Khairpur Medical College Khairpur mir's

Dear Sir / Madam,

Having examined the bidding document and amendment thereon we the undersigned, offer to provide services to the works including in conformity with the terms and conditions of the bidding document and amendments there on, for the following project in response to your tender call dated_

Tender Title Lab Equipment and Scopes

We undertake to provide services/execute the above project or its part assigned to us in conformity with the said bidding documents for an estimated sum of Rs. _____ (Rupees- _____) (total bid amount in words and figures) which may vary in accordance with the schedule of prices attached herewith and coverage options made by Drug Testing Laboratory Sindh or its user organization.

If our bid is accepted, we undertake to;

- 1) Provide services/execute the work according to the time schedule specified in the bid document,
- 2) Obtain the performance guarantee of bank in accordance with bid requirements for the due performance of the contract ,and
- 3) Agree to abide by the bid conditions, including pre-bid meeting minutes if any, which remain binding upon us during the entire bid validity period and bid may be accepted any time before the expiration of that period.
- 4) We understand that you are not bound to accept the lowest or any bid you may receive, nor to give any reason for the rejection of any bid and that you will not defray any expenses incurred by us in bidding.

Place:

Bidder's signature

Date:

and seal.

MANUFACTURER'S AUTHORIZATION FORM

[SEE CLAUSE 11.1 (A) OF THE INSTRUCTION TO BIDDERS]

To: **The Khairpur Medical College**

Khairpur mir;s

WHEREAS _____ **[name of the Manufacturer]** _____ who are established and reputable Manufacturers of _____ **[name and /or description of the goods]** _____ having factories at _____ **[address of factory]** _____ do hereby authorize **[name and address of Bidder / Agent]** _____ to submit a bid, and subsequently follow-up / negotiate and sign the Contract with you against Invitation for Bids (IFB) / Tender Notice for the goods manufactured, by us, under the patent name of _____ for performance of the contract.

We hereby commit and assure our full guarantee and warranty / guarantee as per Clause 12 of the General Conditions of Contract for the goods offered for supply by the above mentioned firm against this Invitation for Bids.

[Signature for and on behalf of Manufacturer]

Note:

This letter of authority should be on the letterhead of the Manufacturer and should be signed by a person competent and having the power of attorney to bind the Manufacturer. It should be included by the Bidder in its bid.

CONTRACT FORM

THIS AGREEMENT made the Day of(year) Between the Procuring Agency (hereinafter “the_____”) of one part and(Name of Vendor) of(City and country of Vendor) (Hereinafter “the Supplier”) of the other part:

WHEREAS the_____ is desirous that certain Supplies, as described in the bid document and briefly outlined below, should be provided by the Vendor.

Date of tender call:

Title of the project:

Brief outline of the work:

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS;

In this agreement words and expression shall have the same meanings as are respectively assigned to them in the bid document referred to.

The following document shall be deemed to form and be read and construed as part of this Contract, viz..

- 1) Bid document(s)
- 2) Pre-bid conference minutes if any,
- 3) Clarification on bid document issued if any,
- 4) **Khairpur Medical College, Khairpur Mir's.**

In case of conflict among documents mentioned above, the documents mentioned above in reverse order will prevail over other documents. In consideration of the payments to be made by the **Khairpur Medical College, Khairpur Mirs** to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the **Khairpur Medical college** to(Tender Title) and to remedy defects therein conformity, in all respects, with the provisions of the contract.

The **Khairpur Medical College** here by covenant stop ay the Supplier in consideration of the provision of the goods and services and the remedying of defects therein, the contract price or such other sum as may become payable under the provisions of the contract at the times and in the manner prescribed by the contract.

Brief particulars of the services which shall be supplied/provided by the Supplier are as under:

Solutions, service or material	Quantity	Unit price	Amount	Remarks

IN WITNESS whereof the parties hereto have caused this Agreement executed the day and year abovewritten.

Signed, sealed,deliveredby_____ the (for the Procuring agency)

Signed, sealed,deliveredby_____ the (for theSupplier)

**FORM OF PERFORMANCE SECURITY
(Bank Guarantee)**

Guarantee No.:

Execute

d on: _____

Expiry date: _____

[Letter by the Guarantor to the Employer]

Name of Guarantor (Bank) with complete address (Scheduled Bank in Pakistan):

Name of Principal (Contractor, Manufacturer, Supplier or any bidder) with complete address:

Penal Sum of Security (express in words and figures):

Letter of Acceptance No. _____ Dated: _____

KNOW ALL MEN BY THESE PRESENTS, that in pursuance of the terms of the Bidding Documents and abovesaidLetterofAcceptance(hereinaftercalledtheDocuments)andattheareeofthesaidPrincipalwe,the Guarantorabovenamed,areheldandfirmlybounduntothe**Principal,KhairpurMedicalCollege,Khairpur Mirs** (hereinafter called the Employer) in the penal sum of the amount stated above for the payment of which sum well and truly to be made to the said Employer, we bind ourselves, our heirs, executors, administrators and successors, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH that whereas the Principal has accepted the Employer's above said Letter of Acceptance for _____ (Name of Contract) for the _____(Name of Project).

NOWTHEREFORE,iftheBiddershallwellandtrulyperformandfulfillalltheundertakings,covenants,terms and conditions of the said Documents- during the original terms of the said Documents and any extensions thereof that may be granted by the Employer, with or without notice to the Guarantor, which notice is, hereby, waived and shall also well and truly perform and fulfill all the undertakings, covenants terms and conditions of the Contract and of any and all modifications of said Documents that may hereafter be made, notice of which modificationstotheGuarantorbeingherebywaived,then,thisobligationtobevoid;otherwisetoremaininfull force and virtue till all requirements of Condition of Contract are fulfilled.

Our total liability under this Guarantee is limited to the sum stated above and it is a condition of any liability attaching to us under this Guarantee that the claim for payment in writing shall be received by us within the validity period of this Guarantee, failing which we shall be discharged of our liability, if any, under this Guarantee.

We, _____(the Guarantor), waiving all objections and defiance under the Contract, do hereby irrevocably and independently guarantee to pay to the Employer without delay upon the Employer's first written demand withoutcavilorargumentsandwithoutrequiringtheEmployertoproveortoshowgroundsorreasonsfor such demand any sum or sums up to the amount stated above, against the Employer's written declaration that the Principal has refused or failed to perform the obligations under the Contract which payment will be effected by the Guarantor to Employer's designated Bank & Account Number.

PROVIDEDALSOTHATtheEmployershallbethesoleandfinaljudgefordecidingwhetherthePrincipal (Contractor) has duly performed his obligations under the Contractor has defaulted in fulfilling saidobligations andtheGuarantorshallpaywithoutobjectionanysumorsumstuptotheamountstatedaboveuponfirstwritten

demand from the Employer forthwith and without any reference to the Principal or any other person.

IN WITNESS WHEREOF, the above-bounden Guarantor has executed this Instrument under its seal on the date indicated above, the name and corporate seal of the Guarantor being hereto affixed and these presents duly signed by its undersigned representative, pursuant to authority of its governing body.

Witness:

1. _____
(Name, Title, Signature & Seal)

Guarantor (Bank)

2. _____
(Name, Title, Signature & Seal)

Signature:

Name: _____

Title: _____

INTEGRITY PACT

DECLARATION OF FEES, COMMISSION AND BROKERAGE ETC PAYABLE BY THE SUPPLIERS/CONTRACTORS/CONSULTANTS

Contract Number: NO. _____ Dated: _____
Contract Value: Rs. _____
Contract Title: _____

M/s. _____ hereby declares that it has not obtained or induced the procurement of any contract, right, interest, privilege or other obligation or benefit from Government of Sindh (GoS) or any administrative subdivision or agency thereof or any other entity owned or controlled by it (GoS) through any corrupt business practice.

Without limiting the generality of the foregoing, M/s. _____ represents and warrants that it has fully declared the brokerage, commission, fees etc. paid or payable to anyone and not given or agreed to give and shall not give or agree to give to anyone within or outside Pakistan either directly or indirectly through any natural or juridical person, including its affiliate, agent, associate, broker, consultant, director, promoter, shareholder, sponsor or subsidiary, any commission, gratification, bribe, finder's fee or kickback, whether described as consultation fee or otherwise, with the object of obtaining or inducing the procurement of a contract, right, interest, privilege or other obligation or benefit, in whatsoever form, **Principal, Khairpur Medical College, Khairpur Mir's**--, except that which has been expressly declared pursuant hereto.

M/s. _____ certifies that it has made and will make full disclosure of all agreements and arrangements with all persons in respect of or related to the transaction with PA and has not taken any action or will not take any action to circumvent the above declaration, representation or warranty.

M/s. _____ accepts full responsibility and strict liability for making any false declaration, not making full disclosure, misrepresenting facts or taking any action likely to defeat the purpose of this declaration, representation and warranty. It agrees that any contract, right, interest, privilege or other obligation or benefit obtained or procured as aforesaid shall, without prejudice to any other right and remedies available to PA under any law, contract or other instrument, be voidable at the option of PA.

Notwithstanding any rights and remedies exercised by PA in this regard, M/s. _____ agrees to indemnify PA for any loss or damage incurred by it on account of its corrupt business practices and further pay compensation to PA in an amount equivalent to ten times the sum of any commission, gratification, bribe, finder's fee or kickback given by M/s. _____ as aforesaid for the purpose of obtaining or inducing the procurement of any contract, right, interest, privilege or other obligation or benefit, in whatsoever form, from PA.

M/s.

Principal, Khairpur Medical College

BID Form

The Principal
Khairpur Medical College
Station |Road Khairpur mir;s

Dear Sir,

Having examined the Bidding Documents, the receipt of which is hereby duly acknowledged, we, the undersigned, offer to supply and deliver the goods specified in the said Bidding Documents for the sum

of [Total Bid Amount Rs.], [Bid Amount in words only] or such other sums as may be ascertained in accordance with the Schedule of Prices attached herewith and made part of this bid.

1. The free of cost / donation / discounts offered and the methodology for their application are:

2. We undertake, if our bid is accepted, to deliver the goods in accordance with the delivery schedule specified in the Schedule of Requirements.

3. If our bid is accepted, we shall obtain an unconditional guarantee of a bank in the sum of 5% of the Contract Price for the due performance of the Contract, in the form prescribed by the Procuring Agency.

4. We agree to the validity of this bid for 90 days from the date fixed for financial bid opening and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

5. Until a formal Contract is prepared and executed, this bid, together with the written acceptance thereof and notification of award, by the Procuring Agency, shall constitute a binding Contract between us.

6. We understand that you are not bound to accept the lowest or any bid you may receive.

Name _____

In the capacity of _____

Signed _____

Duly authorized to sign the Bid for and on behalf of _____

Date _____

(A) **PRICE SCHEDULE IN PAK RUPEES delivered duty paid**

FOR GOODS OFFERED WITHIN THE PROCURING AGENCY'S COUNTRY

S#	Detailed Specification of Goods	Model / Cat No.	Name of Manufacturer	Country of Origin	Port of Shipment	Quantity of Stores	Unit	Rate Per Unit	Total Price
1	2	2	4	5	6	7	8	9	10
Total Amount in Pak Rs.									

Name_____

In the capacity of_____

Signed_____

Duly authorized to sign the Bid for and on behalf of_____

Date_____

NOTE:

Port of Shipment and Country of origin of “MAJOR PART(S) OF THE EQUIPMENT” must be clearly reflected separately in the Technical and Financial bids. The “Origin” means the place where the “goods” are mined, grown, or produced.

(B) PRICE SCHEDULE IN FOREIGN CURRENCY

(CFR / CNF / C&F / CPT BASIS)

FOR GOODS OFFERED FROM OUTSIDE THE PROCURING AGENCY'S COUNTRY

S#	Detailed Specification of Goods	Model / Cat No.	Name of Manufacturer	Country of Origin	Port of Shipment	Quantity of Stores	Unit	Currency	Rate Per Unit	Total Price
1	2	2	4	5	6	7	8	9	10	11
Total Amount in Foreign Currency										

Name_____

In the capacity of_____

Signed_____

Duly authorized to sign the Bid for and on behalf of_____

Date_____

NOTE:

Port of Shipment and Country of origin of "MAJOR PART(S) OF THE EQUIPMENT" must be clearly reflected separately in the Technical and Financial bids. The "Origin" means the place where the "goods" are mined, grown, or produced.