FEDERAL GOVERNMENT POLYCLINIC
(Postgraduate Medical Institution)
ISLAMABAD

RE-TENDER SR.NO: 01

TENDER TERMS & CONDITIONS AND SCHEDULE FOR PURCHASE OF PATHOLOGY / BLOOD BANK ITEMS / KITS / DEVICES / REAGENTS / CHEMICAL MATERIAL FOR FEDERAL GOVT. POLYCLINIC, (PGMI) ISLAMABAD FORREMAINING PERIOD OF FY 2025-26 AND ANNUAL TENDER FOR THE FINANCIAL YEAR 2026-27 (EXTENDABLE)

Tender bid will be received before 11.00AM on opening date.

Tender will be opened on 30-04-2026 11:30 AM

INSTRUCTIONS TO APPLICANTS (ITA)

1.	The participant firms are directed to submit **their bids on-line through EPADS of PPRA which is mandatory, failing which the bids will not be entertained.** The competent authority reserves the right to cancel their bids under 33(1) of PPRA Rules 2004.
2.	**Vendors are not allowed to change FGPC tender Schedule/Financial bid serial numbers/ specifications**.
3.	All vendors are requested to submit their quotations/financial bids in form of computerized print only. Bids which are hand written, typed on manual typewriter and typed on electronic type writer shall not be accepted and same will be rejected at the time of tenders opening without any notice.
4.	Erasing, overwriting and mis-calculation is liable to rejection of bid or relevant item/s. However, Chairman procurement Committee will be final authority according to the ground situation.
5.	The participant bidder will provide the copy of price list of quoted products on EPADS (issued by the DRAP), where applicable.
6.	**Participants bidders are directed to attach Pay Order/CDR on EPADS.**
7.	**The Original Stamp paper/s along with Original CDR will be submitted to FGPC at the date and time of Bid opening by the bidder.**
8.	**The participant/bidder will submit/quote their rates in tabulated form as under:-**

Tender. S.No	Item Name	Strength (where applicable)	Packing (where applicable)	Qtd pack Price	Qtd Unit Price	Retail Price	Reg. #	Manufacturer

9.	**The bid/s (Technical & Financial) on EPADS of PPRA should be duly signed& stamped on each page.**

Note: **No Grievance/s will be entertained regarding Technical & Financial evaluation on bid opening date. Grievance/s received through EPADS will be entertained only. Grievance/s received in written form will be rejected.**

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SINGLE STAGE-TWO ENVELOPE PROCEDURE

1. The bid shall comprise a single package containing two separate envelopes. Each envelope shall contain separately the financial proposal and the technical proposal.

2. The envelopes shall be marked as "**FINANCIAL PROPOSAL**" and **TECHNICAL PROPOSAL**" in bold and legible letters to avoid confusion.

3. Initially, only the envelope marked **"TECHNICAL PROPOSAL**" shall be opened.

4. The envelope marked as "**FINANCIAL PROPOSAL**" shall be retained in the custody of the procuring agency without being opened.

5. The procuring agency shall evaluate the technical proposal in a manner prescribed in advance, without reference to the price and reject the proposal which do not conform to the specified requirements.

6. During the technical evaluation no amendments in the technical proposal shall be permitted.

7. The financial proposals of bids shall be opened publicly at a time, date and venue announced and communicated to the bidders in advance.

8. After the evaluation and approval of the technical proposal the procuring agency, shall at a time within the bid validity period, publicly open the financial proposals of the technically accepted bids only. The financial proposal of bids found technically non-responsive shall be returned un-opened to the respective bidders.

9. The bid found to be the lowest and most advantageous evaluated bid shall be accepted.

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TECHNICAL OFFER/CHECK LIST

TENDER FOR SUPPLY OF PATHOLOGY / BLOOD BANK ITEMS / KITS / DEVICES / REAGENTS / CHEMICAL MATERIAL FOR REMAINING PERIOD OF F.Y 2025-26 & ANNUAL TENDER FOR THE FINANCIAL YEAR 2026-27.

The provision of these documents are mandatory to submit along with Technical Bid for supply of Pathology / Blood Bank Items / Kits / Devices / Reagents / Chemical Material for remaining period of F.Y 2025-26 & annual tender for the financial year 2026-27.

S.#	Detail of Documents	Compliance Status Yes / No	Page #
01.	Name of the Firm, Postal Address Telephone Number, Cell No. Fax # and Email address.		
02.	Name, Designation & specimen signature of concerned person/ focal person, CNIC No. of the concerned person.		
03.	FBR online Active tax payer list. Valid National Income Tax Number, GST (Enclose copy of the NIT certificate) (Attach copy).		
04.	Bidder is:- ➢ Manufacturer (Attach valid documentsi.e DML & DSL). ➢ Marketing Authorization Holder/Importer/ Indenter / Sole Agent (Attach valid documents i.e DSL & Import Licence) ➢ Authorized Distributor, (Attach valid documents i.e DSL & Authority letter etc)		
05.	Valid/updated document by DRAP related to product registration & give information of quoted product as per attached Proforma. (If not applicable to quoted product then provide proof of exemption by DRAP)		
06.	Undertaking for acceptance of tender document including all Terms & Conditions.		
07.	The bidder will submit call deposit (**CDR**) initially **Rs.2,000,000/-** in favour of Executive Director FGPC along with bid documents. After the issuance of intent letter the supplier will replace the call at **deposit/CDR @ 5%** performance guarantee of total amount of the awarded items. **(CROSS CHEQUE/OPEN CHEQUE NOT ACCEPTABLE).**		
	The Original Stamp paper along with Original CDR must be submitted to FGPC at the date and time of Bid opening by the bidder.		
08.	The bidder will provide Account maintenance certificate from the concerned bank along with bank statement of last 03 (three) years.		
09.	The bidder will provide **audit report** of chartered accountant for the last 03 years.		
10.	**The bidder/vendor should have minimum 03 years relevant experience for supply of Pathology lab items / Blood Bank Items / Kits / Devices / Reagents / Chemical Material or related quoted products** to public sector hospitals/Tertiary care Hospitals independently or through International Agencies and NGO's (attach single purchase order for each year)		
	Compliance to the specifications given for FOC equipment is mandatory.		
11.	i. Free Sale Certificate translated in English attested by foreign office (in case of imported product) from the country origin.		

	OR ii. Certificate of Good Manufacturing Practice (GMP/Satisfactory GMP Inspection Report) issued by DRAP (for manufacturers in Pakistan, for the items quoted in the tender (attach copy whichever is available).		

The Bidder will provide under taking on single judicial paper at least of (Rs.100) for following mandatory clause 13 and its all sub-clauses according to the following template/format:-
(NOTE:- The wording of undertaking should be same as per given template/ format in the sub-clauses. Incomplete / changed wording will not be accepted).
**** The Original Stamp paper along with Original CDR will be submitted to FGPC at the date and time of Bid opening by the bidder.**

S.#	Content of Undertaking	Compliance Status Yes / No	Page #
13.	M/s…… a) ensures / undertakes that it has no Litigation(s) or arbitrary cases, is not insolvent, in receivership, bankrupt or being wound up and its activities or affairs are not suspended or being administered under any Act, by a court or by a judicial officer. b) ensures / undertakes that it is not currently black listed and has not been penalized during last three years by any Govt. Departments /Hospitals / International Agencies and NGO's. c) ensures / undertakes that its owners, beneficial owners, directors and officers have not been convicted for a criminal offence. d) ensures / undertakes that the quoted product shall be made freely available for making the supply in time for the period as mentioned in ToR of tender. e) ensures / undertakes that it has good storage and distribution practice (cold chain) for quoted product. f) ensures / undertakes that the quoted product has not been declared spurious by any laboratory anywhere in Pakistan. g) ensures / undertakes that all documentation submitted with the bid is valid, authentic, genuine.No facts have been hidden and no forgery/false declaration has been made. If any such discrepancy is found at any stage, M/s …….. will be fully responsible for such miscommunication/ concealment of facts and will be liable for disciplinary action under PPRA Rules and tender TORs. h) ensures / undertakes that the price quoted in the tender for the items of same specification, quality /brand etc are not more than the price charged from any other public sector hospital in Islamabad under same terms & conditions. In case of any discrepancy found at any stage, the M/s…… will be bound to refund the excess amount through challan in government treasury or excess amount will be deducted from the outstanding bills/CDR.		

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INSTRUCTIONS TO FILL TECHNICAL EVALUATION PROFORMA.

- The bidder shall fill this checklist carefully & attach the relevant documents in the same Sequence as prescribed in the bid form.
- All the undertaking/affidavit must be on judicial paper (in original).
- All the documents attached must be attested/signed & stamped on behalf of firm.
- All the documents of bid shall be affixed with number.
- Bidders are requested to mention the brand of their quoted product.
- Page number of attached document against every evaluation criteria must be mentioned in the specified column.
- **The bidder will not be eligible to participate if any mandatory documents or judicial papers are missing/not available**.
- **The Original Stamp paper along with Original CDR will be submitted to FGPC at the date and time of Bid opening by the bidder.**

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FEDERAL GOVERNMENT POLYCLINIC, ISLAMABAD

TECHNICAL EVALUATION CRITERIA OF LABORATORY CHEMICAL / REAGENTS / GLASSWARE / BLOOD BANK ITEMS, FOR REMAINING PERIOD OF F.Y 2025-26 &ANNUAL TENDER FOR THE F.Y 2026-2027. (EXTENDABLE)

It will be carried out by Procurement Committee constituted by Executive Director, FGPC consisting of all HODs/ Senior Consultants of the available Specialties, Chief Pharmacist, representatives from M/o NHSR&C and administration of FGPC. The Committee will evaluate the bids in the light of required specifications and documents submitted. The Committee shall be empowered to recommend suitable and appropriate brands / strength in the interest of patient as per given technical evaluation chart:-

			Total Score:100 **Passing Score:70**	
S. No		**DESCRIPTION**	**WEIGHTAGE**	**SCORE ACHIEVED**
A.		**QUALITY MANAGEMENT SYSTEM**	**0 to 50**	
	A-1	End-user Analysis/report of quality on product sample and experience with previous use in FGPC or beyond.	0 to 30	
	A.2	Quality testing report/analysis report of quoted item • FDA or ISOcertification =15 • CE mark or equivalent Certification on product = 10	10 or 15	
	A-3	In case, if the bidder is manufacturer or Sole Agent.	0 or 05	
B.		**SAFETY AND SUPPLY CHAIN INTEGRITY**	**0 to 15**	
	B.1	Any untoward outcomes reported for quoted product as certified by the bidder (Undertaking on stamp paper of amounting at least Rs.100 or more)	0 or 05	
	B-2	Bio-safe and well differentiable packaging (Undertaking on stamp paper of amounting at least Rs.100 or more)	0 or 05	
	B-3	SOP's / Undertaking for cold chain maintenance of the distribution/vendor. where applicable	0 or 05	
C.		**MARKET STANDING/ SERVICES**	**0 to 30**	
	C-1	Annual turnover of vendor / bidder for the last financial year. Scoring Guide Less than 10 Million = 00 Rs. 10-15 Million=05 Above Rs. 15-20 Million=07 Above Rs. 20 Million=10	0 to 10	
	C-2	Minimum 03 years' experience for supply of items to Government Hospitals/ Tertiary Care Hospitals/ Government Departments/International Donor Agencies. Scoring criteria Less than 03 Years =00 03 to 05 Years =05 > 05 to7 Years =07 Above 7 Years =10	0 to10	

	C-3	History of services regarding timely and full supplies in stores of FGPC. *(in case of new bidder/s, they will submit an undertaking on judicial paper of Rs. 100/- regarding their last 05 years experience, clearly showing that regular supplies were given and no show cause/ warning and risk purchase was made against the firm)*. In case of availability of undertaking regarding experience certificate for new supplier to FGPC (5) marks will be given and if it is not available no/zero marks will be given.	0 to 10	
D.		**BAR-CODING**	**0 to 05**	
	D-1	Bar coding /QR of item to ensure tracking & tracing where applicable according to Drug Act 1976 & DRAP Act.2012. (Undertaking on stamp paper of amounting at least Rs.100 or more)	0 or 05	
		TOTAL:-	**100**	

The Committee will recommend the Technically Responsive Firms for opening of their Financial Bids. The recommendations of Procurement Committee will be submitted to Competent Authority for approval before opening of Financial Bids.

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DETAIL OF QUOTED PRODUCTS (TECHNICAL OFFER)

T.S.#	Name of Item/material and also details of (FOC) analyzer (if any)	Brand Name	Manufacturer	DRAP Reg Number (where applicable)	Page No of valid authority letter for the quoted product

Signature and Stamped of authorized person of Firm/supplier.

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DETAIL OF QUOTED PRODUCTS (FINANCIAL OFFER).

T.S.#	Name of Item/material and also details of (FOC) analyzer (if any)	Brand Name	Manufacturer	DRAP Reg Number (where applicable)	Rate (exclusive GST)	Rate (inclusive GST)

Signature and Stamped of authorized person of Firm/supplier.

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Instructions/terms & conditions of tender for supply of Pathology / Blood Bank Items / Kits / Devices / Reagents / Chemical Material on annual contract basis for remaining period of FY 2025-26 and annual tender for the financial year 2026-27 (Extendable)

A. INSTRUCTIONS FOR FILLING OF THE CONTRACT DOCUMENTS:-	
1.	The participant bidders are directed to submit **their bids on-line through EPADS of PPRA which is mandatory, failing which the bids will not be entertained.** The bids (**Technical Bid and Financial Bid**) will be submitted on EPADS with proper page marking and proper binding shape. The competent authority reserves the right to cancel their bids under 33(1) of PPRA Rules 2004.
2.	The item/s are to be quoted on given Proforma duly filled-in, stamped and signed by the authorized representative of Firm. No other Proforma for tender will be accepted. Only those items shall be typed on the Proforma for which the rates are quoted.
3.	The participant Vendors are required to quote rates duly typed, preferably on computer. Hand written quoted rates may lead to disqualification of the bid due to ambiguity. Erasing and overwriting is liable to rejection of bid.
4.	The Vendors/firms are not allowed to change the Serial No. and specification/s of tender schedules after the submission of documents on EPADS. **In case of non-compliance complete bid or item/s will be cancelled by the Chairman Committee.**
5.	Any conditional, ambiguous or incomplete offer in any respect shall be cancelled. After the opening of tender, no supplementary or revised offer shall be entertained.
6.	In case a firm is quoting two or more brands of the same item/s, the bidder is requested to mention each brand in separate lines with same tender serial number.
7.	The supplier/bidder will submit call deposit (**CDR**) initially **Rs.2,000,000/-** in favour of Executive Director FGPC along with bid documents. After the issuance of intent letter the supplier will replace the call at **deposit/CDR @ 5%** performance guarantee of total amount of the awarded items. **(CROSS CHEQUE/OPEN CHEQUE NOT ACCEPTABLE).** It will be released on rejection of tender or completion of successful contract on producing of NOC from Store Incharge.
8.	The contractor/supplier will submit correct postal address with land line telephone number, Cell Number and E-mail address.
9.	Technical brochures /Literature of quoted brand, country of origin of quoted item/material may be attached with the bid where applicable. However, in case any clarification regarding item/s is needed, the committee has rights to get such clarification in written from the bidder.
10.	Supplier will attach all relevant papers/check list (Active GST certificate, Active NTN, Active Drug Manufacturing license, Drug Sale license, valid distribution certificate & Price list of quoted items etc) as asked for with the bid as documentary evidence. Each page should be signed and stamped by the bidder.
11.	If a bidder withdraws his bid during the period of bid validity, his case will be decided as per PPRA rules.
12.	Undertaking on stamp paper of amounting at least Rs.100 or morefor acceptance of tender document including all Terms & Conditions.
13.	If there is any discrepancy found between the following: A. unit price & total price B. total & sub total price C. amounts in figures & words D. grand total of price schedule & amount mentioned on the bid forms The case will be finalized as per PPRA bidding documents.
14.	The bidder will attach Quality testing report from drug testing laboratory or any international ISO

	certified laboratory or equivalent quality certification (where applicable).
15.	The bidder should mention the brand/s with generic name in the prescribed column according to FGPC tender schedule. (if applicable)
16.	**The sample(s) of items has to be presented by bidder for verification of specifications/technical evaluation. (if desired by the Procurement Committee in written)** a. The committee is authorized to approve a product without sample presentation if not required by virtue of its well-known brand name. b. The committee reserves the right to reject a product if bidder is unable to present the sample if desired.
17.	Bids are to be submitted by the Manufacturers, Sole Agents and Authorized Distributor. In case of importer/s, documents of sole agent for Pakistan, duly verified from the country of origin shall be required.
18.	After submission of bid/s, the bidder cannot request for any change in the price of the A/Unit or the size of the packing & change in the content of the bid/s. Such a request will make the bid liable to rejection and exclusion of that item (s) from the competition. Any increase in market price will be borne by the bidder, however in case of any decrease in the market price (as fixed by the DRAP), the firm will be responsible to revise their price according to DRAP.
19.	**Undertaking on stamp paper that the company shall ensure supply of bar coded items for tracing and tracking the product and company.(where applicable)**
20.	The bidder/vendor should have minimum 05 years experience for supply of Pathology lab items / Blood Bank Items / Kits / Devices / Reagents / Chemical Material or related quoted productsto public sector hospitals/Tertiary care Hospitals independently or through International Agencies and NGO's (attach single purchase order for each year)
21.	The quoted rate in tender schedule will be final, and no change therein will be accepted after opening of tender.
22.	**BID VALIDITY IS 180 DAYS** from the date of opening of the tender.
23.	The Vendor/Firm should submit valid, authentic and genuine documents. In case any vendor submits any forged documents in support of the tender requirement, which is proved at any stage, the vendor would be dealt with as per PPRA Rules&TenderTORs.
24.	In case of any dispute /relaxation, the Executive Director FGPC will be the final authority.
25.	The Executive Director FGPC reserves the right to accept or reject any tender/all tenders without assigning any reason according to PPRA Rules.

B. GENERAL CONDITION

1.	This contract is valid for the remaining period of FY 2025-2026 and annual tender for the FY 2026-2027 (extendable) from the date of commencement & will remain in-force till the finalization of new contract. However, the contract will be extended on the same terms and conditions as per PPRA Rules.
2.	The successful bidder will be awarded contract after submission of 5**% performance guarantee**, agreement on stamp paper, safe guard certificate and undertaking on judicial paper that he agrees to supply the items regularly on approved rates for contract period.
3.	The supplier will submit **Undertaking on stamp paper at least Rs.100 or above** along with bid that he agrees to supply the item (s) regularly on tender approved rates for contract period.
4.	**The Bidder/supplier will quote rates inclusive of taxes. All government taxes will be applicable as per rule/policy. Income/Sales tax will be deducted /charged from the vendor payment according to Government rules, at source.**
5.	All items will be received on FOR basis, FGPC Islamabad.
6.	The supplies must be made **within 30 days** after the issuance of supply order.

7.	The tentative quantities are mentioned in the tender documents, however the subject quantities may vary according to the actual need/requirement of the Institute and fund availability.
8.	The change of distributor during the contract period and change in approved brand is not allowed.
9.	In case of any failure in supply within prescribed period 40 **days**, the bidder must request the hospital for extension of period of delivery with clear reasons.
10.	If vendor fails to supply the items within stipulated period, the 2nd lowest will be approved or purchases will be made from alternate source at the risk and cost of the 1st lowest vendor.
11.	In case of any discrepancy & conflict in submitted online data, the data submitted on EPADS of PPRA will be considered final.
12.	If the product fails to satisfy any clinical/ technical parameter and not agreed upon by the end users/ Procurement committee on clinical grounds, it will be rejected.
13.	Before awarding contract, letter of intent will be issued to firms.
14.	The supplier / bidder will submit **integrity pact + contract agreement on stamp paper** of amounting at least Rs.100 or more **and safe guard certificate before award of contract.**

C. SPECIFIC TERMS & CONDITIONS.

1.	The item/s shall be accompanied by the necessary warranty in accordance with the provision of the Drugs Act 1976 & DRAP act 2012 and rules framed therein if applicable. The warranty shall be supplied at the time of delivery of consignment.
2.	Bill of the supplies will be submitted with the supply/delivery challan and original supply order within 15 days. For late submission of bills, institute will not be responsible for delay in payment.
3.	Prices of items should not be more than market rates. In case of violation, the amount, exceeding the trade price will be deducted from the outstanding bills/CDR of the supplier.
4.	The payment will be made after the satisfactory report of the store authorities.
5.	The approved rates will be valid for the whole contract period and there will be no increase in rates and no escalation clause.
6.	Prices of item/s should not be more than those approved by DRAP. Documentary proof (Printed price lists) should be submitted along with the tender.
7.	Medicinal products that are supplied in vials, bottles and containers must have sealed caps.
8.	Thermo labile items like Vaccines, Sera, Insulin, Ophthalmic preparations and infusions will be supplied under specific storage conditions and the supplier shall be responsible to maintain the cold chain. Contrary to this the delivery will not be accepted and the Hospital will not be responsible for any inconvenience.
9.	All items will be supplied with appropriate packing according to Drug Act 1976 & DRAP Act 2012.
10.	During the financial evaluation, if the quoted rates of any item ties between the two or more bidders, then the case may be decided as per PPRA Rules.
11.	The contractor/supplier will supply the item (s) according to the specifications as laid down in the tender schedule.
12.	The competent authority reserves the right to cancel the purchase order or increase / decrease the quantity at any time without assigning any reason according to the requirement of the hospital to fulfill patients need.
13.	The freight charges will be borne by the suppliers.
14.	Per test cost will be provided by the vendor on the letter head of manufacturer and in case of photo copy the same will be duly attested by the manufacturer. FGPC will also evaluate the per test cost (where necessary) according to the work load.

15.	In case of short/near expiry of pathology/ blood bank reagents, kits and materials, the supplier shall have to replace the stock with long expiry batch, three months before the date of its expiry. In case, any item expires in store, the said item/s will be destroyed by the nominated committee according to drug act 1976 & DRAP Act 2012. The vendor will be bound to provide replacement of expired item/s OR to deposit the value of expired item/s into Government Treasury OR the amount will be deducted from pending bills/ CDR.
16.	The supplier shall pay a penalty equal to **1%** of the total value of the item/s of the short fall in the prescribed shelf life, which is 75% for the locally manufactured and 60% for the imported item/s. No item/s shall be accepted having expiry date of original shelf life less than 75% of locally manufactured & 60% of imported item/s. Manufacturing and expiry date will be written on each pack and without these dates no supply will be accepted.
17.	Tentative annual work load of each test/ estimated quantity is given by Pathology Department and same is the part of tender documents.
18.	Controls, Calibrators, Consumables and allied accessories should be provided by the successful vendor on FOC basis in the best financial interest of FGPC.
19.	The successful vendor (of FOC Analyzer/s) will be responsible for provision of following items/services free of cost: A. Computer with latest hardware/software and printer required for operation of instrument B. HMIS/LMIS interfacing and bi-directional bar-coding support (including barcode reader, barcode scanner & printer) in liaison with FGPC software company/vendor. C. Air Conditioner/s for optimal temperature maintenance of analyzers D. Service and maintenance of above items.
20.	New and latest model analyzer/s (as per given specifications in the bidding documents) will be installed by the successful bidder on FOC basis along with free service including parts of the analyzer/s.
21.	The FOC Analyzer / items must be as per given specifications (particularly throughput) provided by Pathology Department as attached with the bidding documents and would be considered while technically evaluating these analyzers.
22.	Downtime of the Analyzer (FOC) will not be more than 24 hours from the 1st information/call. In case, repair/ activation of Analyzer (FOC) requires more than 24 hours, vendor will be responsible to provide an alternate at the cost of vendor (within 48 hours of 1st information/call).
23.	The earnest money against approved items will not be released till completion of tender i.e. **30-06-2027**, which shall remain extendable by the Executive Director till finalization of next such tenders. However, such extension will be on the same term & conditions.
24.	At any instance, if prices quoted/offered are found higher than trade price (printed on packing) approved by the Drug Regulatory Authority of Pakistan (DRAP), disciplinary action should be initiated under PPRA Rules and tender TORs.
25.	Items should be DRAP registered, where applicable.

D. RESPONSIBILITIES.

01.	The approved supplier will be bound to supply analyzer on FOC basis. The said analyzer will be compatible with HMIS System (LMIS Module) of FGPC and supplier will be responsible /liable to pay the cost of integration of analyzer with HMIS system (LMIS Module). Expenses (if any) required for the integration of the analyzer with HMIS system (LMIS Module) will be borne by the successful vendor.
02.	In case of any discrepancy, less weight, short supply etc, the supplier and concerned store department will be held responsible.
03.	All items supplied will be in accordance with the Drugs Act 1976& DRAP Act 2012 "Labeling and packaging rules".
04.	The words "**NOT FOR SALE, FOR FGPC USE ONLY"** in form of insignia (Large size) should be printed with undeletable ink in bold letter on each outer packing and inner packing , if any
05.	Packing should be worthy of transportation by Road, Sea, or mail so as to ensure their contents being free from loss or damage due to faulty packing.
06.	The expenditure involved on test/analysis of item/s shall be borne by the manufacturer/supplier of the item/s.
07.	In case of short/near expiry of pathology/ blood bank reagents, kits and materials, the supplier shall have to replace the stock with long expiry batch, three months before the date of its expiry. In case, any item expires in store, the said item/s will be destroyed by the nominated Destruction Committee according to drug act 1976 & DRAP Act 2012. The firm will be bound to provide replacement of expired item/s. If the firm fails to provide replacement then the value of expired item/s will be deducted from the pending bills/ CDR
08.	No item/s shall be accepted having shelf life less than 75% in case of locally manufactured and 60% imported item at the time of delivery. Warranty for quality of item/s shall have to be provided at the time of delivery.
09.	Manufacturing and expiry date will be written on each pack and without these dates no supply will be accepted.

E. FORCE MAJEURE.

01.	For the purposes of this clause Force Majeure means an act of God or an event beyond the control of the supplier and not involving the supplier's fault or negligence directly or indirectly purporting to miss planning, miss management and/or lack of foresight to handle the situation. Such events may include but are not restricted to acts of the purchaser in its sovereign capacity, wars or revolutions, fires, floods, earthquakes, epidemics, quarantine restrictions and freight embargoes. If a Force Majeure situation arises, the supplier shall promptly notify the purchaser in writing with sufficient and valid evidence of such condition and the cause thereof. The Force Majeure Committee will examine the pros and cons of the case and all reasonable alternative means for completion of supply order under this Contract and will submit its recommendations to the competent authority. However, unless otherwise directed by the purchaser in writing, the supplier shall continue to perform its obligations under the Contract as far as is reasonably practical and shall seek reasonable alternative means for performance not prevented by the Force Majeure event.

F. PENALTIES.

01.	Test/analysis of item/s from Government Drug Testing Laboratory will be done according to the prescribed procedure as per Drug Act, 1976 & DRAP Act 2012 (where applicable). If item/s is found substandard, adulterated etc., the same will not be returned to the supplier and will be seized or destroyed by the Inspector of Drugs. The payment of defective/batch/item/s will not be made to the supplier. The supplier will be responsible to provide the fresh stock of standard quality against the confiscated stock **within 30 days** against the quantity or amount equivalent to defective items/ will be deducted from the bills of the firm. The case will be dealt with as per Drug Act, 1976 & DRAP Act 2012 and rules framed therein.
02.	No item/s shall be accepted having shelf life less than 75% in case of locally manufactured and 60% imported item at the time of delivery. Warranty for quality of item/s shall have to be provided at the time of delivery.

03.	The supplier shall pay a penalty equal to **1%** of the total value of the item/s of the short fall in the prescribed shelf life,
04.	At any instance, if quoted prices are found higher than trade price approved by the Drug Regulatory Authority (DRAP), the Institute has the right to impose penalty as per tender terms & conditions.
05.	In case of repeated delay in services or short fall in supplies, the contract is liable to penalty as per penalties clause No 09 &10.
06.	In case of any failure in supply within prescribed period of 40 days, the bidder must request the hospital for extension of period of delivery with clear reasons.
07.	The supplier, once awarded product, will be responsible to keep a contact with the organization for supply, within due time. Failure to respond to officially conveyed demand (in writing on given address/ authorized person/ Telephone Number or E-mail) will be considered noncompliance to the supply order as per preceding clause.
08.	If down time exceeds 48 hours from the first call/information and malfunctioning/ issue of the analyzer (FOC) is not rectified, penalty will be imposed @.Rs 20,000/- per day till the replacement/ repair/ activation of analyzer (FOC). (this time period includes Sundays& public holidays)
09.	In case, non-supply/ short supply is established against a firm beyond **40 days** (from supply order) and **final notice for 15 days**, the risk purchase will be made at the cost of supplier and amount of risk purchase will be deducted from the pending bill of supplier/CDR. The matter may also be referred to Procurement Committee for cancellation of said item/s and selection of 2nd lowest from bids received in original tender as per PPRA Rules, 2004.
10.	**Non-compliance of supply order**. If the supply order is not completed **within stipulated period** one or more of the following penalties can be applied against the firm according to the gravity of situation. a. A penalty **@ 0.1%** per day of the amount of pending item (s) of the supply order shall be imposed. b. Risk purchase will be made at the cost of supplier and amount will be deducted from the bills of supplier. c. The matter will also be referred to Procurement committee for cancellation of said items and selection of 2nd lowest from bids received in original tender as per PPRA Rules, 2004. d. The contract of the supplier will be treated as cancelled and the order for supply of item (s) will be placed to the next lowest. e. Total or partial earnest money (CDR) will be forfeited. f. The firm will be debarred for business at FGPC under PPRA rules. g. The firm will be blacklisted. h. In case of any complaint about the penalty(s) imposed on the firm, the firm can appeal against the decision in the **Grievance Redressal Committee within 15** days of the issue of penalty(s) letter. After the lapse of this period no appeal will be entertained.

G. ARBITRATION AND RESOLUTION OF DISPUTES:-

1	The purchaser and the supplier shall make every effort to resolve amicably any disagreement or dispute arising between them under or in connection with the contract by direct informal negotiation.
2	If, after **thirty (30) days** from the commencement of such informal negotiation, the purchaser and the supplier have been unable to resolve amicably a contract dispute, either party may refer the dispute to the Arbitrator for resolution through arbitration.
3	In such matters, the Arbitrator shall be appointed and will be agreed upon by both parties.

Note:- If at any point in time, any part of this document is found to be different/in contradiction with PPRA rules, the ruling mentioned in PPRA Rules will be considered final.

EXECUTIVE DIRECTOR

I/We have read and agree with the above mentioned terms and conditions.

Name & Stamp of firm Proprietor _____

Witness:-

Name and Signature: - _____
NIC No: - _____

Cell No.

FEDERAL GOVERNMENT POLYCLINIC
(Postgraduate Medical Institution)
ISLAMABAD

FEDERAL GOVERNMENT POLYCLINIC (PGMI) ISLAMABAD

List of Tender of Pathology / Blood Bank Items / Kits / Devices / Reagents / Chemical Materials remaining period of FY 2025-2026 & annual tender for the FY 2026-2027

Note: i. All kits and devices should be CE or FDA Approved
ii. For chemicals the vendor will be bound to submit certificate of analysis with each batch.

(List of items)

T.Sr. No.	NAME OF ITEMS	A/U	Estimated Qty.	Annual work load	Specification
	General Chemistry Section with FOC Analyzer as per FGPC Specification.			No. of tests	
1	Serum Amylase kit (System Pack)	Kit	36	25,000	
2	Alkaline Phosphatase test kit (Kinetic Method) System Pack	Kit	36	100,000	
3	Total Protein kit (System Pack)	Kit	20	20,000	
4	SGPT kit (Kinetic Method) System Pack	Kit	24	110,000	
5	Serum Calcium kit (System Pack)	Kit	18	35,000	
6	CPK kit Kinetic Method (System Pack)	Kit	48	30,000	
7	CKMB kit with control (System Pack)	Kit	40	30,000	
8	CKMB Calibrator (System Pack) (FOC)	Pack	20		
9	LDH (System Pack)	Kit	18	35,000	
10	LDL Direct Cholesterol (System Pack)	Kit	36	25,000	
11	Serum Albumin S/Pack	Kit	20	24,000	
12	Total Serum Bilirubin kit (System Pack)	Kit	30	100,000	
13	Direct Bilirubin kit (System Pack)	Kit	15	6000	
14	Serum Magnesium kit (System Pack)	Kit	20	19000	
15	Blood Sugar kit (God PAP) (System	Kit	24	65000	
16	Blood Urea kit (Urea UV Method) (System Pack)	Kit	20	110000	
17	Uric Acid Blood kit (System Pack)	Kit	24	110000	
18	Triglyceride kit (System Pack)	Kit	20	26000	
19	HDL Direct Method (System Pack)	Kit	36	25000	
20	Phosphorus kit (System Pack)	Kit	15	25000	
21	Serum Creatinine kit (System Pack)	Kit	36	110000	
22	Quality Control Normal (Biochemistry Serum) (System Pack) (FOC)	Kit	2		
23	Quality Control Abnormal (Biochemistry Serum) (System Pack) (FOC)	Kit	2		
24	Serum Cholesterol (System Pack)	Kit	20	27000	
25	SGOT kit (Kinetic Method)	Kit	8	28000	
26	HCL 2.5 lit	Kit	2		

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T.Sr. No.	NAME OF ITEMS	A/U	Estimated Qty.	Annual work load	Specification
27	Hba1c Direct System kit	Kit	24	10000	
28	Hba1c Control System kit (FOC)	Kit	2		
29	Hba1c Calibrator System kit (FOC)	Kit	2		
30	Serum Lipase Kit	Kit	24	15000	
31	HDL Calibrators (FOC)	Kit	2		
32	LDL Calibrators (FOC)	Kit	2		
33	C Calibrator (FOC)	Kit	2		
34	Urine Microalbumin Kit (System Pack)	Kit	1	1000	
35	CSF Protein Kit (System Pack)	Kit	1	1000	
36	Serum ISE Electrolyte (System Pack) a. ISE Buffer b. ISE MID Standard c. ISE Reference Solution	Kit	24	70,000	
37	CRP Quantitative kit	kit	50	36,000	
38	Gamma GT for Chemistry	Kit	3		
39	Compatible Sample Cups Chemistry (FOC)	Each	100000		
	Sr. 01 to sr.39 will be awarded on combined lowest basis				
40	Gluco Strip for adults & Neonate/infants (Free of Cost 300 Glucometers)	Bottle	15000		
	PT and APTT fully automated coagulation FOC analyzer with FOC controls, calibrators & consumables				
41	PT Kit	Kit	50	21000	
42	APTT kit	Kit	50	21000	
43	PT Normal Control	Kit	10		
44	PT Abnormal Control	Kit	10		
45	APTT Normal Control	Kit	10		
46	APTT Abnormal Control	Kit	10		
47	Cuvette Cup-Coag.4D	Pack	25		
48	Cuvettes Racks and balls	Pack	500 pack		
49	Succeeder SF 400 Coagulation Cuvettes with Iron balls	Each	1000		
50	PT LI Thromboplastin	Kit	5 kits		
51	APTT K APTT Kaolin+ CaC12	Kit	5 Kits		
	Sr. 41 to sr.51 will be awarded on combined lowest basis	Kit	500 test		
	Fully automated 3 parts CP with FOC Machine as per FGPC Specification.(06 Machine on FOC for use in different Departments)				
52	Diluent Reagents / Cell Packs	Pack	360		
53	Diff / WBC Reagents	Each	360		
54	Cleaner	Each	3		
55	Controls	Pack	12 set		
	Sr. 52 to sr.55 will be awarded on				

T.Sr. No.	NAME OF ITEMS	A/U	Estimated Qty.	Annual work load	Specification
	combined lowest basis				
	Fully automated 5 parts CP with FOC Machine, facility of fluid analysis as per FGPC Specification.				
56	Diluent Reagents	Pack	300		
57	Diff / WBC Reagents	Each	24		
58	Lyse / HGB Reagents	Each	24		
59	Cleaner	Each	24		
60	Control	Pack	24		
	Sr. 56 to sr.60 will be awarded on combined lowest basis				
	Fully automated 7 parts CP with FOC Machine facility of fluid analysis as per FGPC Specification.				
61	Reagent Cell pack 20ltr	Pack	35	180000	
62	Stromatolyser WH	Bottle	5	180000	
63	Stromatoloyser 4DS	Pack	8		
64	Stromatolser 4DL	Pack	5		
65	Stromaolyser FBA	Pack	5		
66	Sulfolyser SLS	Pack	5		
67	Calibrator	Each	1		
68	Normal Control	Each	10 sets		
69	Abnormal Control	Each	10 sets		
	Sr. 61 to sr.69 will be awarded on combined lowest basis				
	Special Chemistry Section with FOC Analyzer as per FGPC Specification with FOC controls & calibrators				
70	Chemiluminescence based kits for BHCG	Kit	5	500	
71	Chemiluminescence based kits for PSA	Kit	10	800	
72	Chemiluminescence based kits for Ferritin	Kit	36	3000	
73	Chemiluminescence based kits for FSH	Kit	12	800	
74	Chemiluminescence based kits for LH	Kit	12	800	
75	Chemiluminescence based kits for Prolactin	Kit	2	800	
76	Chemiluminescence based kits for Progesterone	Kit	2	800	
77	Chemiluminescence based kits for Testosterone	Kit	2	300	
78	Chemiluminescence based Kit for T3	Kit	36	8000	
79	Chemiluminescence based Kit for T4	Kit	36	11000	
80	Chemiluminescence based Kit for TSH	Kit	36	12000	
81	Chemiluminescence based kits for Estradiol	Kit	5	500	
82	Chemiluminescence based kits for B-12	Kit	10	800	
83	Chemiluminescence based kits for Folic	Kit	10	800	

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T.Sr. No.	NAME OF ITEMS	A/U	Estimated Qty.	Annual work load	Specification
	Acid				
84	Chemiluminescence based kits for Free T3	Kit	12	800	
85	Chemiluminescence based kits for Free T4	Kit	12	800	
86	Chemiluminescence based kits for HIV	Kit	12	4500	
87	Chemiluminescence based kits for HBV	Kit	36	35000	
88	Chemiluminescence based kits for HCV	Kit	36	35000	
89	Chemiluminescence based kits for Syphillis	Kit	36	4500	
	Sr.70 to sr.89 will be awarded on combined lowest basis				
	Electrolyte Reagents & consumables with FOC analyzer (must have facility of up to 04 digit labelling of samples along with provision of software integration)				
90	Fluid pack 800ml	Pack	24		
91	Daily cleaning Solution (FOC)	Pack	4		
92	Membrane Assembly (FOC)	Each	2		
93	Sample Tubing (FOC)	Tube	2		
94	Internal Fill Sol: (FOC)	Each	2		
95	NA-Electrode (FOC)	Each	1		
96	K-Electrode (FOC)	Each	1		
97	CL-Electrode (FOC)	Each	1		
98	Switch, On-Off (FOC)	Each	1		
	Sr. 90 to sr.98 will be awarded on combined lowest basis				
	Reagent Consumables compatible with already installed analyzer (EDAN-i15)				
99	ABG Kit (All items other than kit like cleaning solution/Control/Electrodes etc will be provided on FOC Basis)	Kit	50 Kits	60000	
	Blood Gases analyzer on FOC Basis				
100	ABG Kit (All items other than kit like cleaning solution/Control/Electrodes etc will be provided on FOC Basis)	Kit	50 Kits	60000	
	Other Items				
101	Thermal paper (all sizes for CP / ABGs/ Urine)	Roll	500 Rolls		
102	Hb Electrophoresis machine by capillary method (on FOC basis) with all reagents and consumables	Kit	600 tests		
103	Fibrinogen test kit	Kit	100 tests		
104	Urine Multi Sticks with FOC strip reader Urine Analyzer with FOC controls and calibrators (for MCH & G-7/3-4 dispensary and main hospital) **Through Put :- ≥ 120 test per hour**	Each strip	3500 strips	3500 tests	
105	Urine Strip 3-4 Parameters manual method (100 strips per bottle)	Bottle	60		
106	Pregnancy test	Each	4000 strips	4000 tests	

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T.Sr. No.	NAME OF ITEMS	A/U	Estimated Qty.	Annual work load	Specification
107	Plastic containers with lids ordinary 2. mouth 40ml capacity	Each	100		
108	Urine Container 100 ml sterile	Each	60000		
109	Hema test (for detection of occult blood in stool)	device	1000 device	1000 test	
110	Vacuum tube Gel	Tube	300000		
111	Vacuum tube sugar	Tube	20000		
112	Centrifuge machine (12 holes)	Each	2		
113	Centrifuge machine (24 holes)	Each	2		
114	Pipette-1-10 UL	Each	3		
115	Pipette-10-50 UL	Each	3		
116	Pipette-20-200 UL	Each	3		
117	Pipette-100-500 UL	Each	3		
118	Pipette-500-1000 UL	Each	3		
119	Electronic DC Cell Counter	Each	4		
120	Vacuum tube EDTA / CP	Tube	300000		
121	Vacuum tube PT/APTT	Tube	50000		
122	Lithium heparin tubes	Tube	20000		
123	Neubauer Chamber	Each	2		
124	ESR test card with FOC auto analyzer with capacity of minimum 30 tests at a time	Each	5 cards	27000 test	
125	ESR Fast Detector tube	Tube	2000		
126	D-Dimer qualitative kit	kit	24 Kits	1000 test	
127	D-Dimer quantitative with FOC Analyzer	device	40 box	1800 test	
128	7.2 PH Buffer Bullet	Pack	1		
129	Gram stain powder sets	Set	2		
130	Filter Paper (Large sheet)	Sheet	1		
131	Probe Cleaner	Each	5		
132	Reticulocyte stain	Each	3		
133	FDP kit	Kit	24 Kits	1000 test	
134	Disposable Bone marrow Aspiration needle 16G	Each	450		
135	Disposable Bone marrow Trephine needle 13G peads	Each	150		
136	Disposable Bone marrow Trephine needle 11G adult	Each	280		
137	ANAE Stain	Kit	2		
	Serology Section				
138	ANA kit	Kit	24 Kits	1500 test	
139	SLE kit	Kit	24 Kits	1500 test	
140	VDRL KIT	Kit	20 kits	1000 test	
141	ASO kit	Kit	10 kits	600 test	
142	RA Factor kit	Kit	36 kits	1800 test	

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T.Sr. No.	NAME OF ITEMS	A/U	Estimated Qty.	Annual work load	Specification
143	Brucella kit (A& M set)	Kit	06 kits	400 test	
144	Typhidot kit Rapid	Kit	70 kits	1000 test	
145	CRP qualitative	Kit	30 kits	6000 test	
146	G-6 PD test with FOC Analyzer	Kit	01 kit	400 test	
147	TB Rapid test	Kit	10 kits	400 test	
148	Dengue Rapid test (NS1 Device)	Kit	300 kits	10000 test	
149	Inculating loops 10ul	Each	4		
150	Slide storage box	Each	4		
151	Dengue Serology IgG + IgM Device	Kit	200 kit	8000 test	
152	Stool for H. Pylori Antigen Device	Kit	200 Kits	15000 test	
153	Blood H. Pylori Antibodies Device	Kit	100 Kits	600 test	
	Blood Bank Items				
154	Sera Anti A	Each	360		
155	Sera Anti B	Each	360		
156	Sera Anti D	Each	360		
157	22%Bovine Albumin	Each	50		
158	Anti-Human Globulins Sera	Each	120		
159	HCV + HBS Ag Rapid device (Combo)	Kit	1 Kits		
160	Blood Bag Double +set	Set	2000		
161	Blood Bag Triple +set	Set	8000		
162	Blood Transfusion set	Set	10000		
163	Device of MP Detection	Kit	600 Kits		
164	ICT Rapid device for HIV (WHO approved)	kit	600 Kits		
165	ICT Rapid device for HCV (WHO approved)	Kit	600 Kits		
166	ICT Rapid device for HBV (WHO approved)	Kit	600 Kits		
167	Plastic disposable dropper 5ml	Each	600		
168	Sterile tube connecting device	Each	1		
169	Automated Component extractors	Each	1		
170	Paediatric blood bags	Each	1		
171	Temperature controlled non-frost freezer & refrigerator	Each	2		
172	Platelet agitator	Each	1		
173	Blood bag stripper	Each	1		
174	Red Top Plain Tube	Each	1000		
	Blood grouping and cross matching by Gel Card technique with FOC machine				
175	Anti-Human Poly specific Gel card (Anti-IgG, C3d Poly specific)	Pack	1800 test		
176	ABD.ABD Gel card for Blood Group	Pack	1000 kit		
177	ABO Rh-D Combo gel card for blood group (forward and reverse)	Pack	3000 test		
178	0.8% Surgiscreen	Pack	1		

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T.Sr. No.	NAME OF ITEMS	A/U	Estimated Qty.	Annual work load	Specification
179	0.8% Affirmagen (A1+B Cells)	Pack	1		
180	CONFIDENCE TM WB	Pack	1		
181	Liss Solution (Bliss)	Set	6 sets		
	Microbiology Section Items				
182	Gram staining kit	Kit	2 Kits		
183	Blood Culture bottle (100capacity) + 50ml capacity (paeds) Manual culture	Bottle	6000		
184	Mac Conkey agar medium without salt Cm7b	Pack	8		
185	Muller Hinton agar medium	Pack	12		
186	S.S Agar	Pack	4		
187	XLD	Pack	4		
188	Brain Heart infusion broth	Pack	2		
189	CLED Media	Pack	8		
190	Triple Sugar Iron agar Media	Pack	2		
191	Crystal Violet powder	Pack	2		
192	Blood Agar Medium	Pack	8		
193	Tripticase soy broth medium	Pack	2		
194	Disposable Plastic Loops |(one micro litre capacity)	Each	2		
195	Media preparator (compatible with 90mm diameter petri dishes/plates)	Each	1		
196	Sterile, Plastic Petri dishes, 90mm. diameter	Box	24 Box		
197	Plastic containers for C/S	Each	2000		
198	Stool container with spoon	Pack	1		
199	Malachite Green Powder Stain	Pack	1		
200	All Sensitivity Discs	Each	1000		
201	Nutrient Broth	Pack	1		
202	Sputum bottle with spoon	Each	400		
203	Tetraethyl P Pheneline Diamine Dihydrochlride (oxidase test reagent)	Pack	1		
204	Disposable Throat swab	Box	4		
205	Methyl Red	Pack	1		
206	Cover slip 18*18	Pkt.	100		
207	API 20 E kit with Reagents	Kit	1		
208	Acetone pure	Pack	1		
209	Carbol-Fuchsin powder	Pack	1		
210	Phenol Crystals	Pack	1		

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T.Sr. No.	NAME OF ITEMS	A/U	Estimated Qty.	Annual work load	Specification
211	Glacial Acetic Acid pure	Pack	1		
212	Slide staining rack SS	Each	10		
213	Oxidase (microbiology) powder	Pack	1		
214	Chromogenic Media	Each	5		
215	Auto Clave for Microbiology	Each	1		
216	Safety Cabinet for Microbiology	Each	1		
217	Cyto Spin Centrifuge for fluid	Each	1		
218	Autoclave	Each	1		
219	Mast bacterium Strips	Bottle	50		
220	Blood culture bottles compatible with *FOC Automated Blood Culture System (as per given specification)*	Each	7000 bottles (Adults:4000+ Peads:3000)		
221	Cards compatible with *FOC Automated bacterial identification and AST system*	Each	6000 Cards		
222	Urine strips & related consumable reagents on fully automated FOC Urine Analyzer with microscopy with FOC controls, calibrators and conical tubes	Each	70000 strips		
	Histopathology Items & Chemicals				
223	Cover Slip 24x50	Box	600		
224	Hematoxylene Powder	Bottle	8		
225	Formalin/Formaldehyde	Pack	50		
226	Cytocolor	Kit	6		
227	Eosin Powder Micro	Bottle	6		
228	Tissue Embedding Cassettes Plastic	Box	80		
229	Parafin Wax	Kg	100 Kg		
230	Disposable Microtome Blades	Pkt.	30		
231	Canada / Balsam	Bottle	8		
232	Cedarwood oil	Bottle	2		
233	Acetone	Ltr.	10		
234	Nitric acid	Ltr.	6		
235	Acetic Acid	Ltr.	6		
236	Sulpuric acid	Bottle	4		
237	Potassium Permagnate	Bottle	1		
238	Sodium Hypochlorite	Bottle	4		
239	PBS Tablet	Bottle	20		
240	India Ink	Ltr.	3		
241	Iron stain kit (Powder form)	Kit	3		

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T.Sr. No.	NAME OF ITEMS	A/U	Estimated Qty.	Annual work load	Specification
242	Giemsa stain powder (Powder form)	Bottle	1		
243	EDTA Powder	Bottle	1		
244	PAS Staining kit	Kit	3		
245	Brilliant crystal blue Reticulocyte count	Kit	10		
246	Crystal violet for gram staining	Bottle	2		
247	Field Stain A liquid	Bottle	1		
248	Field Stain B liq	Bottle	1		
249	Leishman Stain Powder (Powder form)	Bottle	10		
250	Malachite Green	Bottle	1		
251	Schiff Reagent	Bottle	1		
252	Fuchsin Basic	Bottle	1		
253	Methylene blue	Bottle	1		
254	Methylene Green	Bottle	1		
255	DPX	Ltr.	6		
256	Hematognost (Iron staining Bone marrow blood smear)	Pack	2		
257	Acetate Buffer Tablet PH 6	Each	100		
258	Glass slide	Each	2400		
259	Frosted end slide	Each	100		
260	Sodium Hydroxide	Each	1		
261	Ammonia solution	Bottle	1		
262	Mercuric Oxide	Pack	1		
263	Potash Alum	Ltr.	1		
264	PotasiumHydoxide (KOH)	Ltr.	1		
265	Picric Acid	Pack	1		
266	Acid Fuchsin	Pack	1		
267	Chromic Acid	Pack	1		
268	Borax Powder	Pack	1		
269	Tri-Sodium Citrate	Pack	1		
270	Xylene	Each	30		
271	Propanol	Each	50		
272	Methanol	Each	12		
273	Haemacolor	Each	2		
274	MPO (Myeloperoxidase)	Each	1		
275	Filter Paper Large Sheet	Each	1		
276	Reticulin Stain	Pack	1		
277	Trichrome stain	Pack	1		
278	PASD Stain (Periodic Acid Schiff Diastase stain)	Pack	1		
279	OCT Compound	Pack	1		
	Plastic & Glassware Items				
280	Glass Flask Size 100ml, auto cleavable Graduated Conical	Each	5		

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T.Sr. No.	NAME OF ITEMS	A/U	Estimated Qty.	Annual work load	Specification
281	Glass Flask Size 500ml, auto cleavable Graduated Conical	Each	5		
282	Glass Flask Size 1000ml, auto cleavable Graduated Conical	Each	5		
283	Centrifuge tubes plastic, sterile with Lid, 10ml Capacity	Each	10		
284	Conical tube with lid Plastic 5ml Local	Each	10		
285	Test Tube 4. Glass Auto cleavable (Pyrex)	Each	5		
286	Test Tube 6. Glass Auto cleavable (Pyrex)	Each	5		
287	Bulb (30W) 220-240 Volt for Nikon Microscope and other specification	Each	5		
288	Bulb for Olympus Microscope /Ema (30W)220 Volt) and other Specifications	Each	5		
289	Bulb for China Microscope (20W)220 Volt and other Specifications	Each	5		
290	Disposable Tip 1-5ml	Each	100		
291	Disposable Plastic Tube with Stopper 2.5ml	Each	100		
292	Plastic Ampules with Lids-1.00ml capacity	Pkt.	240		
293	Yellow Tips	Pkt.	130		
294	Disposable tips blue	Pkt.	100		
295	Filter for thermo Shandon Gross Station	Each	5		
296	Filter for tissue processor Sakura VIP5-jr	Each	5		
297	Diamond pencil imp	Each	5		
298	Filter Paper 9cm	Each	10		
299	Methenamin	Pack	5		
300	Sodium phosphate(monobasic)	Pack	5		
301	Sod: Phosphate (dibasic)	Pack	5		
302	Wright stain (Powder form)	Kit	5		
303	Sudan black stain	Kit	5		
304	Multi channel Pipette	Each	5		
305	DiatroHypocleaner solution	Each	1		
306	Plastic tube 13*75	Tube	36		
307	Pricker (Paeds)	Each	100000		
308	Tourniquet	Each	100		
	Cardiology				
309	Pro-BNP with point of care FOC Analyzer	Kit	24	600	
310	Normal Sensitivity Trop-I with point of care FOC Analyzer	Kit	140	3500	
	Consumables & Reagents for Easylyte Analyzer (Medica) (FGPC purchased Analyzer FGPC)				
311	Fluid pack 800ml (Compatible with Analyzer)	Pack	20 pks		
312	Daily cleaning Solution (Compatible with Analyzer)	Pack	03 pks		

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T.Sr. No.	NAME OF ITEMS	A/U	Estimated Qty.	Annual work load	Specification
313	Membrane Assembly (Compatible with Analyzer)	Set	02 set		
314	Sample Tubing set (Compatible with Analyzer)	Set	02 set		
315	Internal Filling Solution (Compatible with Analyzer)	bottle	01 Bottle		
316	Sodium (NA) Electrode (Compatible with Analyzer)	Each	2		
317	Potassium (K) Electrode (Compatible with Analyzer)	Each	2		
318	Chloride (CL) Electrode (Compatible with Analyzer)	Each	2		
319	Reference Electrode (Compatible with Analyzer)	Each	2		
320	Switch, On-Off (Compatible with Analyzer)	Each	1		
	Sr. 311 to sr.320 will be awarded on combined lowest basis				

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TECHNICAL SPECIFICATIONS/ TERMS & CONDITIONS FOR THE TENDER OF BLOOD BAGS (SINGLE, DOUBLE, TRIPLE) FOR POLYCLINIC BLOOD BANK ISLAMABAD (FOR REMAINING PERIOD OF F.Y 2025-26 &ANNUAL TENDER FOR THE FINANCIAL YEAR 2026-27.

S#	TECHNICAL SPECIFICATIONS/ TERMS & CONDITIONS	DESCRIPTION
1	**SINGLE BLOOD BAG CAPACITY**	• Single Blood Bag 450/500 ml
2	**DOUBLE &TRIPLE BLOOD BAG CAPACITY**	• Primary bag (450/500ml) • One (for double) &Two (for triple) satellite bags of upto300 ml capacity for components
3	**MATERIAL USED**	• Blood collection bag Made up of DEHP (Di-2-ethylhexyl phthalate) plasticized PVC (polyvinylchloride), collapsible non-vented sterile containers complete with collecting tube for completely closed system avoid the chances of contamination.
4	**DESIGN AND SHAPE**	• Flexible pre-sterilized • Pyrogen free • Nontoxic, non-hemolytic, bio compatible material No risk of contamination and air embolism (close system) with leaks proof seals • The capacity of the bag should be enough to prevent any ballooning/rupture of the bag from seam when it is filled up with their requisite volume of blood
5	**TUBING OF BAG**	• Flexible non kinking • Non sticking • Transparent • Leak proof • The minimum length of tubing from primary bag to the needle should be 80 cm. • The tube should have multiple printed ID/Segment number. The number should be Eligible and clear. • A clamp should be provided for closed system
6	**NEEDLE**	• 16/ 17gauge ultra-thin walled and straight • Sharp, regular and smooth margins and beveled tip • Rustproof • Tightly fixed with hub covered with sterile guard • Hermetically sealed • The needle should not separate from the tube at any point of time,

		especially while removing it from the vein for the donor safety
7	**EXTERNAL PORT**	• Tamper proof and should not be re-capped • Easily accessible
8	**PACKAGE**	• Protective packaging (Aluminium) eliminating microbial contamination on surface maintaining the contents of the bag • Easy to handle
9	**ANTICOAGULANT**	• CPDA-1 • The quantity of anticoagulant (63/70 ml) • Clear & colorless • No discoloration on storage at room temperature • Manufacturer to supply anticoagulant quality check certificate
10	**AIR BUBBLES**	• Air bubble content in blood bag should be less than 15 ml
11	**LABEL**	• Non peel-off • Heat sealed/pressure embossed labels • Remain attached between room temperature to - 80 ˚C with a transparent adhesive • **Following information should be printed (permanent) on label of blood bag** i. Date of manufacturing ii. Date of expiry iii. Lot number iv. Batch number v. Donor number vi. ABO group vii. Rh type viii. Serology report ix. Manufacturer name and address x. Anticoagulant symbol and chemical formulation • The expiry date should be at least 2 years from the date of manufacturing of blood bags and residual shelf life at the time of supply should be at least 3/4th of the total shelf life.
12	**RESISTANCE TO DISTORTION**	• Bag shall with stand an acceleration of 5000g for 30 min at temperature4˚C to 24˚C • Bag should be able to with stand temperature upto-80˚C without breakage
13	**CERTIFICATION AND APPROVAL**	• CE marking or any equivalent certification • Registered with DRAP
14	**REFERENCES**	• Must have references of at least three tertiary care hospitals/ blood banks of Pakistan. Satisfactory reports with address and contact number required.
15	**SOLE DISTRIBUTION/ AUTHORIZED DISTRIBUTION/ LOCAL OFFICES**	• The company/bidder should have authorization letter for distribution with local office and available stock.

NOTE: Clause# 13, 14 & 15 are mandatory

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PARAMETERS FOR TECHNICAL EVALUATION BY THE END USER FOR THE TENDER OF BLOOD BAGS FOR POLYCLINICBLOOD BANK ISLAMABAD(FOR REMAINING PERIOD OF F.Y 2025-26 &ANNUAL TENDER FOR THE FINANCIAL YEAR 2026-27.

S#	GENERAL SPECIFICATIONS PARAMETERS	DESCRIPTION
1	**Brand Name**	
2	**Country of origin**	
3	**Sample Lot Number**	
4	**Sample Expiry date**	
5	**Total Capacity**	
6	**CE marked or any equivalent certification**	
7	**Registered with DRAP**	
8	**References (At least 03)**	
9	**Sole Distributor/ Authorized Distributor/ Local Office**	

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	TECHNICAL SPECIFICATIONS PARAMETERS	Distribution of Marks	Scoring
01	**Material used**	02	
02	**Design and Shape**	02	
03	**Tubing of bag**	02	
04	**Needle**	04	
05	**External port**	02	
06	**Package**	02	
07	**Anticoagulant**	02	
08	**Air Bubbles**	02	
09	**Label**	04	
10	**Resistance to distortion**	02	
11	**Hemolysis**	02	
12	**HCT**	02	
13	**Platelets Yield**	02	
	TOTAL	30	

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TECHNICAL SPECIFICATIONS FOR THE TENDER OF BLOOD TRANSFUSION (BT) SET FORPOLYCLINICBLOOD BANK ISLAMABAD (FOR REMAINING PERIOD OF F.Y 2025-26 & ANNUAL TENDER FOR THE FINANCIAL YEAR 2026-27.		
S#	**TECHNICAL SPECIFICATIONS**	**DESCRIPTION**
1	**Purpose of Equipment**	Used for transfusion of RCC
2	**Type of Blood Transfusion Set**	Double chamber with filter
3	**Material**	Natural rubber latex
4	**Shelf Life**	At-least 02 Years from the date of manufacture
5	**Spike**	ABS Material
6	**Drip Chamber**	PVC Material
7	**Connector**	Luer Slip
8	**Injection Port**	Latex Injection Port
9	**Air Vent**	Without built-in air vent
10	**Roller thumb controller**	Specially designed roller (thumb) controller after accurate regulation of infusion rate

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TECHNICAL SPECIFICATIONS FOR TENDER OF BLOOD GROUPING ANTI SERA (A, B & D) FOR POLYCLINIC BLOOD BANK ISLAMABAD (FOR REMAINING PERIOD OF F.Y 2025-26 &ANNUAL TENDER FOR THE FINANCIAL YEAR 2026-27.

S#	TECHNICAL SPECIFICATIONS	DESCRIPTION
1	**Description**	Blood grouping sera (A, B & D) are used for detecting the blood group by slide and tube test
2	**Type of antibodies**	Monoclonal human or animal antibodies
3	**Volume**	10 ml/ Bottle
4	**Color of reagents**	• Anti A Blue • Anti B Yellow • Anti D Colorless
5	**Preservative**	< 0.1 % sodium azide
6	**Agglutination Titer**	i. Titer result of monoclonal Anti A and Anti B anti sera must be 1:256 or above ii. Titer result of monoclonal anti D anti sera must be 1:128 or above
7	**References**	Should have two references of a tertiary care hospital.
8	**Certification**	It should be FDA approved, CE Marked or any other equivalent certification
09	**DRAP registration**	Registered with DRAP
10	**Anti sera A, B & D must be of one brand**	All anti sera A, B & D must be of one brand

TECHNICAL SPECIFICATIONS FOR THE TENDER OF DISPOSABLE PASTURE PIPETTES FOR POLYCLINICBLOOD BANK ISLAMABAD (FOR REMAINING PERIOD OF F.Y 2025-26 &ANNUAL TENDER FOR THE FINANCIAL YEAR 2026-27.

S#	TECHNICAL SPECIFICATIONS	DESCRIPTION
1	**Description**	Known as dropper used for transferring of blood samples or liquids
2	**Material**	Plastic
3	**Size**	Upto 3.0 ml
4	**Graduation**	Must be graduated upto 3.0 ml
5	**Type**	Disposable

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TECHNICAL SPECIFICATIONS FOR THE TENDER OF FINGER LANCETS FOR POLYCLINICBLOOD BANK ISLAMABAD (FOR REMAINING PERIOD OF F.Y 2025-26 & ANNUAL TENDER FOR THE FINANCIAL YEAR 2026-27.		
S#	**TECHNICAL SPECIFICATIONS**	**DESCRIPTION**
1	**Description**	Used to obtain blood from finger for blood grouping
2	**Needle Size**	Diameter should be 28 to 30 Gauge Length 2.8 to 3.2 mm
3	**Sharpness**	Must have sharp point needle
4	**Sterility**	Must be sterile
5	**Cap**	Must have a sealed cap

TECHNICAL SPECIFICATIONS FOR TENDER OF TEST TUBES (GLASS) FOR POLYCLINIC BLOOD BANK ISLAMABAD (FOR REMAINING PERIOD OF F.Y 2025-26 & ANNUAL TENDER FOR THE FINANCIAL YEAR 2026-27.		
S#	**TECHNICAL SPECIFICATIONS**	**DESCRIPTION**
1	**Description**	Plain transparent glass tube to be used for blood grouping and cross matching
2	**Material**	Glass
3	**Size**	
4	**Transparency**	Must be transparent to check visible agglutination of blood grouping

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TECHNICAL SPECIFICATIONS FOR PURCHASE OF HBsAg DEVICES (ICT) FOR POLYCLINICBLOOD BANK ISLAMABAD (FOR REMAINING PERIOD OF F.Y 2025-26 &ANNUAL TENDER FOR THE FINANCIAL YEAR 2026-27.

S#	TECHNICAL SPECIFICATIONS	DESCRIPTION
1	**Description**	Device for testing of HBsAg by Immuno Chromatographic Technique (ICT)
2	**Analytical sensitivity**	Preferably 0.1 IU/mL
3	**Specificity**	Preferably 99.6%
4	**Sample volume**	Preferably upto 50 µl
5	**Time to result**	Preferably<15 min
6	**Sample types**	Serum/Plasma, Finger stick Whole Blood, Venipuncture Whole Blood
7	**Certification**	FDA approved or CE Marked or any equivalent certification.

TECHNICAL SPECIFICATIONS FOR THE TENDER OF ANTI HCV DEVICES (ICT) FOR POLYCLINICBLOOD BANK ISLAMABAD (FOR REMAINING PERIOD OF F.Y 2025-26 &ANNUAL TENDER FOR THE FINANCIAL YEAR 2026-27.

S#	TECHNICAL SPECIFICATIONS	DESCRIPTION
1	**Description**	Device for testing of Anti HCV by Immuno Chromatographic Technique (ICT)
2	**Analytical sensitivity**	Preferably 0.1 IU/mL
3	**Specificity**	Preferably 99.6%
4	**Sample volume**	Preferably upto 50 µl
5	**Time to result**	Preferably<15 min
6	**Sample types**	Serum/Plasma, Finger stick Whole Blood, Venipuncture Whole Blood
7	**Certification**	FDA approved or CE Marked or any equivalent certification.

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TECHNICAL SPECIFICATIONS FOR THE TENDER OF ANTI HIV DEVICES (ICT) FORPOLYCLINICBLOOD BANK ISLAMABAD (FOR REMAINING PERIOD OF F.Y 2025-26 & ANNUAL TENDER FOR THE FINANCIAL YEAR 2026-27.

S#	TECHNICAL SPECIFICATIONS	DESCRIPTION
1	**Description**	Device for testing of Anti HIV by Immuno Chromatographic Technique (ICT)
2	**Analytical sensitivity**	Preferably 0.1 IU/mL
3	**Specificity**	Preferably 99.6%
4	**Sample volume**	Preferably upto 50 µl
5	**Time to result**	Preferably<15 min
6	**Sample types**	Serum/Plasma, Finger stick Whole Blood, Venipuncture Whole Blood
7	**Certification**	FDA approved or CE Marked or any equivalent certification.

TECHNICAL SPECIFICATIONS FOR THE TENDER OF SYPHILIS DEVICES (ICT) FOR POLYCLINIC BLOOD BANK ISLAMABAD (FOR REMAINING PERIOD OF F.Y 2025-26 & ANNUAL TENDER FOR THE FINANCIAL YEAR 2026-27.

S#	TECHNICAL SPECIFICATIONS	DESCRIPTION
1	**Description**	Device for testing of Syphilis Antibodies by Immuno Chromatographic Technique (ICT)
2	**Analytical sensitivity**	Preferably 0.1 IU/mL
3	**Specificity**	Preferably 99.6%
4	**Sample volume**	Preferably upto 50 µl
5	**Time to result**	Preferably<15 min
6	**Sample types**	Serum/Plasma, Finger stick Whole Blood, Venipuncture Whole Blood
7	**Certification**	FDA approved or CE Marked or any equivalent certification.

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TECHNICAL SPECIFICATIONS FOR THE TENDER OF MP DEVICES (ICT) FOR POLYCLINIC BLOOD BANK ISLAMABAD (FOR REMAINING PERIOD OF F.Y 2025-26 &ANNUAL TENDER FOR THE FINANCIAL YEAR 2026-27.		
S#	**TECHNICAL SPECIFICATIONS**	**DESCRIPTION**
1	**Description**	Device for testing of Malaria Parasite by Immuno Chromatographic Technique (ICT)
2	**Analytical sensitivity**	Preferably 0.1 IU/mL
3	**Specificity**	Preferably 99.6%
4	**Sample volume**	Preferably up to 50 µl
5	**Time to result**	Preferably<15 min
6	**Sample types**	Serum/Plasma, Finger sticks Whole Blood, Venipuncture Whole Blood
7	**Certification**	FDA approved or CE Marked or any equivalent certification.

TECHNICAL SPECIFICATIONS FOR PURCHASE FOR CP TUBES FOR LAB AND BLOOD BANKOF POLYCLINICISLAMABAD (FOR REMAINING PERIOD OF F.Y 2025-26 & ANNUAL TENDER FOR THE FINANCIAL YEAR 2026-27.		
S#	**TECHNICAL SPECIFICATIONS**	**DESCRIPTION**
1	**Description**	K2/K3 EDTA

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TECHNICAL SPECIFICATIONS FOR THE TENDER OF COOMB'S SERA FOR POLYCLINIC BLOOD BANK ISLAMABAD (FOR REMAINING PERIOD OF F.Y 2025-26 &ANNUAL TENDER FOR THE FINANCIAL YEAR 2026-27.

S#	TECHNICAL SPECIFICATIONS	DESCRIPTION
01	**Description**	Coomb's sera/ Anti-Human Globulins (Anti-IgG) are used in the direct anti globulin test to detect the *in vivo* coating on human red blood cells with IgG, and for indirect anti globulin test for antibody screening and identification, and Cross match.
02	**Type of antibodies**	Monoclonal/ Polyclonal human or animal antibodies
03	**Volume**	10 ml/ Bottle
04	**Agglutination Titer**	Sera with greater titer will be preferred
05	**References**	Should have two references of a tertiary care hospital.
06	**Certification**	FDA approved or CE Marked or any equivalent certification
07	**DRAP registration**	Registered with DRAP

TECHNICAL SPECIFICATIONS FOR PURCHASE OF BOVINE ALBUMIN FOR POLYCLINIC BLOOD BANK ISLAMABAD (FOR REMAINING PERIOD OF F.Y 2025-26 & ANNUAL TENDER FOR THE FINANCIAL YEAR 2026-27.

S#	TECHNICAL SPECIFICATIONS	DESCRIPTION
01	**Description**	Bovine Albumin Sera is used for compatibility testing, for unexpected antibody testing and antigen-antibody interactions enhancement
02	**Type of antibodies**	Monoclonal human or animal antibodies
03	**Volume**	10 ml/ Bottle
04	**Agglutination Titer**	Sera with greater titer will be preferred
05	**References**	Should have two references of a tertiary care hospital.
06	**Certification**	FDA approved or CE Marked or any equivalent certification
07	**DRAP registration**	Registered with DRAP

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TECHNICAL SPECIFICATIONS FOR THE TENDER OF 3 part HEMATOLOGY ANALYZER (FOC) ON REAGENT RENTAL (RR) BASIS AT POLYCLINIC ISLAMABAD(FOR REMAINING PERIOD OF F.Y 2025-26 & ANNUAL TENDER FOR THE FINANCIAL YEAR 2026-27.

S #	TECHNICAL SPECIFICATIONS/ TERMS & CONDITIONS	DESCRIPTION
1	**Manufacturer /Analyzer name**	Manufacturer and Analyzer name with model must be provided
2	**Type of Analyzer**	3 Parts, Bench top hematology analyzer with random access
3	**Analysis Principle**	WBC, RBC & Platelets: DC Detection Method Hb %: Non-Cyanide hemoglobin analysis method
4	**Throughput**	≥40 samples/hour
5	**Sample probe washing**	Automatic
6	**Distribution of Sample**	Sample distribution for analysis through sample rotor valve SRV to precise and accurate the sample volume
7	**Sample volume for whole Blood**	Upto 100 ul
8	**Sample Volume for Capillary Blood**	Upto 50 ul
9	**Sample tube type**	Regular sample tube, capillary tube, micro-container vacuum tube
10	**Predilution Mode**	Analyzer must have pre-dilution mode
11	**Sample ID**	>10 Characters
12	**Histogram**	3 Histogram
13	**Data storage**	≥ 5000
14	**Interfacing**	LIS interface
15	**Certification**	Analyzer and reagents both must be FDA approved or CE Marked or any equivalent certification .
16	**Quality Control**	Two QC Program including LJ
17	**Main Parameters**	**18 Reportable parameters (whole blood):** WBC, Lym %, Mxd %, Neu %, Lym#, Mxd#, Neu#, RBC, HGB, HCT, MCV, MCH, MCHC, RDW, PLT, MPV, PDW, P-LCR
18	**Operating Environment**	Temperature: 15°C – 32°C

		Humidity: 30% - 85%
19	**Reagent Barcode**	Barcode reader availability for reagent
20	**References**	Must have at least 3 references in a tertiary care hospital or reputed lab with highly satisfactory results with reference address and telephone numbers.
21		Analyzer must have ability to measure platelets from platelet concentrates
22	**Condition of Instruments**	Instruments should be brand new and not a used or refurbished (Shipping documents moved by manufacturer should be furnished)
23	**Printout Feature**	Analyzers must have built-in printout feature along with attached external laser printer
24	**UPS Backup**	Analyzer must be supplied with 15 minutes UPS (uninterrupted power supply) backup and other electrical connections. In case of any malfunctioning/ problem in UPS, it must be replaced immediately but not repaired. UPS batteries must be changed by the vendor as and when required.
25	**Maintenance of equipment**	Maintenance of equipment will be according to manufacturer booklet i.e. daily, weekly and monthly. Maintenance sticker to be applied on the analyzers and regularly updated. This will be documented in log book signed by the vendor engineer and checked and verified by concerned store keeper and "biomedical department
26	**Consumables/ parts/ accessories will be provided by the vendor free of cost**	Consumables (i.e. Calibrators, Quality Controls& cleaning solutions etc.)/ Parts/ accessories and printer papers will be provided by the vendor free of cost. FGPC will not be liable for additional payments in respect of consumables/ parts/ accessories etc..
27	**Repair, training & documentation of analyzer**	All repairs of analyzer, training and documentation will be vendor's responsibility. This must be verified by concern store
28	**Up-gradation of analyzers**	Analyzer will be upgraded to higher version as and when available by manufacturer if specifications and test cost remains same.
29	**Transportation of Reagents**	Transportation of the reagents to the hospital/ center according to standard protocol will be responsibility of vendor.
30	**Service Workshop**	Must have service workshop at Islamabad/ Rawalpindi with adequate engineering services and back up facilities with adequate spare parts, reagents and consumables.
31	**Interfacing & Installation of computers with Analyzer**	Installation of new latest computer & interfacing of analyzer with will be responsibility of vendor at the time of installation.
32	**Maintenance of room temperature**	Maintenance of room temperature will be the responsibility of vendor
33	**Provision of technical services**	Successful vendor will be responsible to depute one technical assistant in pathology for smooth functioning of analyzer.

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TECHNICAL SPECIFICATIONS FOR FULLY AUTOMATED (FOC) COAGULATION ANALYZER FORPOLYCLINICLAB ISLAMABAD (FOR REMAINING PERIOD OF F.Y 2025-26 & ANNUAL TENDER FOR THE FINANCIAL YEAR 2026-27.

S#	TECHNICAL SPECIFICATIONS	DESCRIPTION
1	**Sample throughput**	≥50 tests/hour
2	**Samples Capacity**	>30
3	**On Board Cuvettes Capacity**	>200
4	**Display**	Separate LED Display
5	**Machine Operations Control**	Through computer
6	**Voltage**	100-240 v
7	**Reloadable**	At any time cuvette, Reagent and samples
8	**Stat Sample**	Availability
9	**Sample identification**	External Barcode reader
10	**Method**	Clotting, chromogen, immunologic tests
11	**Repetition**	Automatic test repetition
12	**Data**	>100,000
13	**LIS**	Bi-directional

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SPECIFICATION FOR MEDIA PREPARATOR AND MEDIA FILLER ALONG WITH ALL ITS REQUIRED ACCESSORIES

S.#	Basic Specification	Detail
1	Capacity of media preparator	20-30 Liter.
2	Rapid cooling feature	Required.
3	Mixing feature	Required.
4	Blood addition feature	Required.
5	Petri-plate compatibility of media filler	90 mm plates.
6	Open system	Petri plates of any company should be compatible.
7	Additional requirement of accessories	There should be no additional requirement for any running item which we may have to procure on regular basis.
8	Maintenance services	Company should have rapid response engineering and spare part services.
9	Certifications	The instruments should be CE Marked/FDA Approved.
10	Sole Distributor/ Authorized Distributor/ Local Office	Principal Multinational company or sole/authorized distributors can only apply Note: - Documentary proof of distributor certificate must be furnished.
11	Model:	Company/Vendor will have to submit name of the model of the instrument.
12	Condition of instrument	Instrument must be latest OR Brand new Note:- Shipment OR Relevant document must be submitted.

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DEPARTMENT OF PATHOLOGY

TERMS, CONDITIONS & TECHNICAL SPECIFICATIONS FOR THE INSTALLATION OF FULLY AUTOMATED FOC ANALYZERS/ EQUIPMENTS

Sr.#	TERMS AND CONDITIONS	Description
1	Type of Contract	FOC analyzers/ equipment on Reagent Rental (**RR**) basis.
2	Participation criteria	Principal multinational company or sole agents/authorized distributors can apply. **Note: Relevant documentary proof will be required.**
3	Number of Instruments	Routine chemistry 02: (Main lab 01, ER lab 01) Immunoassay analyzer: 01 Haematology: 7/5-part analyzer: 01 main lab, 3-part analyzers: 06 (Main lab 03, Blood bank 01, MCH 01, G-7 ¾ dispensary 01) Automated Blood Culture System: 01 for microbiology section, Bacterial Identification System: 01 for microbiology section, Fully automated Urine analyzer with microscopy: 01 for microbiology section
4	Make: Country where Designed/ Manufactured/ Reagents manufactured	Open for all countries around the world.
5	Model	Company/vendor will have to submit name of the model of instrument.
6	Condition of instrument	Instrument must be latest model and brand new. **Note: Shipping or relevant document must be submitted.**
7	Maintenance services	Company/vendor should have **local** engineering services to provide prompt response. Company/vendor should have trained technical staff.
8	Maintenance of equipment	Maintenance of equipment will be according to manufacturer booklet i.e. daily, weekly, monthly, annually. Maintenance sticker to be applied on the analyzers and regularly updated. This will be

		documented in log book, signed by the company/vendor's engineer and checked by Biomedical deptt., FGPC
9	Computer, Printers, Air-conditioners & accessories	Computer with latest hardware/software and printer required for operation of instrument will be provided by the vendor. Vendor shall also be responsible for HMIS/LMIS interfacing and bi-directional bar-coding support in liaison with FGPC software company/vendor. ACs for optimal temperature maintenance of analyzers will be responsibility of vendor. Service and maintenance of these items will be company/vendor's responsibility.
10	UPS, batteries and voltage stabilizer	Instrument must be supplied along with electricity failure backup facility and Voltage stabilizer. Its maintenance and service will be of company/vendor's responsibility.
11	Calibrators/ Controls/ Consumables/ parts/ accessories	All calibrators, controls, consumables, parts, and accessories required for analyzers will be provided by the company/vendor. FGPC will not be liable for additional payments in respect of consumables, parts and accessories.
12	Test Backup facility	In case of any breakdown/ failure of analyzers etc, company/vendor will be responsible to provide suitable alternative within assigned time limit, keeping in view the turnaround time.
13	Technical details and supportive documents	Technical data sheet of instrument (original brochures) should be provided. Original user manual should be in English/ translated in English. Note: Company/ vendor will provide user manual, service manual at a time of installation
14	References	Company/vendor will provide list of references, accompanied with performance certificate from source of reference. Local References will be preferable. Preferably, the analyzers should have been installed previously/currently in at least 3 tertiary care hospitals/ reputed labs.
16	Miscellaneous	The analyzer shall be installed in the Pathology Deptt. after the initial receiving of analyzer and the accompanying equipment by the relevant store.

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S. No.	TECHNICAL SPECIFICATIONS FOR ROUTINE CHEMISTRY ANALYZER	DESCRIPTION
1	System Description	Fully automated system with random access/continues loading & with facility of stat tests.
2	Assay Types	Endpoint, Kinetic & Indirect ISE
3	Analytical Methods & Principles	Calorimetric/Spectrophotometric ISE (Na, K, Cl), Turbid metric
4	Test Throughput	≥ 1200 tests per hour; ≥ 800 Tests /hour photometric & 400 tests / hour ISE
5	Sample Types	Serum, Plasma, CSF, Urine etc.
6	Sample volume per test	1-25 µl per test
7	Sample Integrity control	Must have Liquid level sensing, Clot detection, Short sample detection, Hemolysis, Icterus &Lipemia checks
8	Auto Repeat	Automatic repeat testing from the retained pre-diluted sample of original sample.
9	Sample carryover prevention	Should have extensive washing protocols to minimize carryover.
10	Reaction Cuvettes	Disposable or reusable / washable cuvette system
11	Reagent Capacity	Must have more than or equal to 60 refrigerated reagents positions Plus ISE Positions
12	Reagent type	Must be liquid ready to use.
13	Onboard cooling of reagents	Must have onboard cooling for the reagents
14	Reagents onboard stability	Should be more than 30 days with stability override option
15	Calibration Frequency	Maximum of 60 days
16	Sample Clot/Bubble detection	Must be present
17	Onboard maintenance record	Must be present
18	Online error code help	Must be present
19	Barcode facility	Must be present
20	Calibration & Quality control review	- Graphic display of calibration curves & Advanced QC package with graphical display of QC in real time. - Including Levey Jennings plots, westgard rules.
21	Data Storage	System should have capacity of data storage of equal to or more than 10,000 patient's samples.
22	Operating System	Latest windows based computer system with touch screen monitor
23	Water requirements	Upto 35 liters per hour
24	Drain Requirements	Built in waste pump
25	Certification	The Principal company/ kits should be ISO/ FDA/CE marked (Certificate must be provided)

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S. No.	TECHNICAL SPECIFICATIONS FOR IMMUNOASSAY ANALYZER	DESCRIPTION
1	System Description	- Analyzer must be based on Chemiluminescence technology offering enhanced assay sensitivity and extended linearity. - Fully automated system having random access / continues loading of the samples
2	STAT Processing & assay availability	Should have capability of STAT reporting.
3	Operating system	Latest window based computer with touch screen monitor
4	Sample carryover prevention	Should have extensive washing protocols to minimize carryover.
5	Onboard capacity & refrigeration	Onboard capacity of equal to or more than 40 reagents at a time along with onboard refrigeration
6	Test Throughput	Throughput must be ≥ 200 tests per hour.
7	Sample types	Serum, Plasma & whole blood.
8	Sample tube type	System must be capable of handling multiple types of tubes and sizes at the same time like gel tube, serum cups etc.
9	Sample quality analysis	Lipemia, Hemolysis, Icterus, Clot detection, Short sample detection and bubble detection will be preferred.
10	Barcode facility	Must be present
11	Reagent type	Must be liquid ready to use.
12	Automated re-test facility	Must have management of retest and dilution testing without operator intervention.
13	Onboard Immunoassay tests	System should have complete range of IA including Thyroid function tests, Tumor markers, Fertility profile, Cardiac profile, Viral profile etc.
14	Data Storage	System should have capacity to store data of up to 10,000 patient sample data.
15	Integration with clinical chemistry analyzer	System should allow integration with clinical chemistry analyzer at any time (if required)
16	Quality Control	Must have built in automatic QC management & Levy Jennings graphs preparation.
17	Interfacing	Must be compatible for FGPC LMIS Interfacing
18	Certification	The Principal company/ kits should be ISO/ FDA/CE marked (Certificate must be provided)

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S. No.	TECHNICAL SPECIFICATIONS FOR THE AUTOMATED BLOOD CULTURE SYSTEM (ABCS)	DESCRIPTION
1	Principle of detection	Comprehensive Detection Technology (CDT) **OR** Colorimetric **OR** Fluorescence based **OR** Gas Detection **OR** any other standard methodology.
2	Certification	Instrument, methodology and reagent must be CE-IVD marked **OR** FDA approved. **Note: Relevant certificates must be provided.**
3	Bottle loading interface and interface of instrument software	Bottle loading must be user friendly and user directed. Interface of instrument's software must also be user friendly.
4	Number of sample handling	Sample capacity must be **≥180**, extendable according to the increasing workload. In case the instrument does not support extension of additional units the vendor is bound to furnish commitment of provision of additional machine/instrument to handle increasing workload.
5	Printout feature	Instrument must have printout feature with attached external printer for custom reporting ***(It will be vendor's responsibility to provide printer and its installation if required)***.
6	Build in calibration check and QC check	Instrument must have built in calibration and QC Check.
7	LMIS interfacing	LMIS interfacing is required and vendor will be responsible for the LMIS interfacing and its maintenance.
8	Data Management, Backup, Retrieval, Transmission Capability and Custom Reporting capabilities	All required.
9	Data Storage	System should have capacity to store maximum patient data (≥10,000).
S. No.	**Technical specifications of ABCS compatible bottles**	**DESCRIPTION**
1	Shelf life of media bottles	Minimum shelf life of media bottle should be six months. Bottles with long shelf life will be **preferred**. No item shall be accepted having shelf life less than 60% at the time of delivery.
2	Effect of neutralization of antibiotic on recovery of isolate	Most efficient neutralization of antibiotic and host factors is required to support the recovery of isolate.
3	Blood culture bottle inventory	Blood culture bottle inventory must be simple.
4	Culture media support to wide range of organisms	Same culture bottle supporting growth of wide range of Bacteria, Candida and other Fungi is **preferable**.

5	Blood sample volume	Minimum blood sample volume required for culturing will be **preferred**.
6	Compatible to handle sterile body fluids and other samples.	Same bottle is required to support multiple sample types *(vendor will provide supporting documents to handle samples other than blood also).*
7	Time to detection	Minimum turnaround time required in detection of pathogen. This may be aided by vortexing, agitation or other standard technique.
8	False Positive and False Negative culture	False Positive and False Negative rate must be minimum or zero.

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S#	TECHNICAL SPECIFICATIONS FOR FULLY AUTOMATED SYSTEM FOR BACTERIAL IDENTIFICATION AND ANTIBIOTIC SUSCEPTIBILITY TESTING (MIC)	DESCRIPTION
1	**Analytical Methods &principles**	**Colorimetric/ Nephelometric / Fluorometric or any other standard method** • Detection principle should able to highly discriminate between species with low rate of multiple choice and misidentified species. • Ambiguous results should be minimal in both ID/AST. **Note: Vendor will clearly mention method of ID/AST.**
2	**Analytical System Description**	Automated closed system with integrated ID & AST required. • Instrument must be fully integrated covering maximum steps including Inoculum preparation, Inoculum inoculation, incubation, reading and interpretation. • There should be minimal human intervention and reduced hands-on time.
3	**Throughput and sample handling capability at a time**	Throughput of at least 30 tests is required.
4	**Certification**	Instruments and kits should be CE marked or FDA approved.
5	**Sample type**	Pure bacterial cultures
6	**Software Description**	• Software should be user friendly. • Software should be able to regularly update itself according to microbiological databases and guidelines from internet. **OR** it will be company/vendor's responsibility to update regularly whenever required. • AST formulations and MIC determination should be according to EUCAST and CLSI. • It should provide Anti biograms. • Real-time information of ID/AST is preferable. • It should have result searching option through sample identifiers and ID/AST results.
7	**TAT for ID/AST results**	Instrument with least processing time for ID/AST will be preferred.
8	**Host Interfacing& Bi-directional Barcode facility**	• Bi-directional barcode facility is required at the time of instrument installation. Company/vendor will be responsible for interfacing and its maintenance. • Instrument should have barcode system which could be integrated with LMIS. • Should have both barcode and manual entry option. • Barcode-identified samples, controls and reagents are required.
9	**In-Put, Out-Put**	LED/LCD with touch input is required. Instrument must have printout feature with built-in or attached external printer for custom reporting.
S #	**KIT SPECIFICATION**	**DESCRIPTION**
1	**Assay menu**	1. Identification (ID) 2. Antimicrobial Susceptibility Testing (AST)
2	**Result and Report Format**	• AST determination should be in numeric values preferably through Minimal Inhibitory Concentration (MIC) • ID/AST should have broad, expanding and customizable ID/AST test menu with determination of common resistant mechanisms like ESBL, ICR, CR, high level aminoglycoside resistance test etc. • System should provide a resulting range of at least five to seven MIC doubling dilutions per antibiotic with extended MIC range to enable low-level resistance

		detection.
3	**Certifications**	Kits should be FDA approved OR CE marked **Note: Relevant certificates must be provided for all parameters.**

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S#	TECHNICAL SPECIFICATIONS FOR URINE FULLY AUTOMATED SYSTEM WITH MICROSCOPY	DESCRIPTION
1	**Analytical Methods &principles**	**Physical & chemical:**Colorimetry**OR**Refractometry**OR**Turbidimetry**OR**photoelectric **OR** any other standard detection method. **Microscopic:** Digital flow morphology (digital imaging) **OR** Flow cytometry with fluorescent stain **OR** any other comparative standard methodology.
2	**Analytical System Description**	Instrument should be fully integrated with physical, chemical and microscopic examination with minimal human intervention. • Must have continuous, random. STAT access is preferable. Automated management of retest is preferable. • Sample auto loading is required. • Artificial intelligence (AI) is must
3	**Throughput and sample handling capability at a time**	• Throughput of equal or more than **60** Tests per hour with physical, chemical **AND** microscopy is required. • Sample handling capacity of more than **60** samples at a time is required.
4	**Certification**	• Instrument should be CE marked **OR** FDA approved. Test strips **MUST** be CE marked **OR** FDA approved • **(Certificate must be provided).**
4	**Sample type**	Urine, fluids
5	**Sample Tube types**	System must be capable handling standard tube type/container.
6	**Sample carryover**	Sample carryover is not acceptable. Disposable tips or perfect washing of probes or any standard method is required.
7	**Sample Quality Analysis and sensors**	Analyzer must have reagent/sample/liquid level detection, bubbles detection, tip detection, and foam detection sensors.
8	**Quality Control**	Built-in & automatic QC management, Westgard rules, plotting and Levy Jennings graph generation.
9	**Calibration Stability**	Calibration can be dry or liquid. Extended calibration stability required.
10	**Onboard features**	Reagent Inventory and onboard capability of reagent/strip tracking is required. The system should provide the capability of tracking reagents onboard stability in days/ hours for efficient reagent management.
11	**Sample interference substances detection**	Detection of interference substances will be preferred.
12	**Host Interfacing& Bi-directional Barcode facility**	• Bi-directional barcode facility is required at the time of instrument installation. Company/vender will be responsible for interfacing and its maintenance. • Instrument should have barcode system which could be integrated with LMIS. • Should have both barcode and manual entry option. • Barcode-identified samples, controls and reagents are required.
13	**Data Storage and management**	• Data storage of ≥100,000 samples OR ≥ one year is required. If data storage capacity is less than the required, then vender/company will

		provide written "consent letter" to take full responsibility of data management. • Data Management, Backup, Retrieval, Transmission Capability and Custom Reporting capabilities, all are required.
14	**In-Put, Out-Put**	LED/LCD with touch input is required. Instrument must have printout feature with built-in or attached external printer for custom reporting.

TEST STRIP SPECIFICATIONS		
S #	**TERM / CONDITION**	**DESCRIPTION**
1	**Assay menu**	**Physical & mandatory chemical analysis parameters with detection ranges are as under**: 1. Bilirubin (neg – ≥6 mg/dL) 2. Glucose (normal– ≥1,000 mg/dL) 3. Hemoglobin (neg– ≥1 mg/dL) 4. Ketone (neg.–≥150 mg/dL) 5. Leukocyte esterase (neg.–≥500 leukocytes/µL) 6. Nitrite (positive/negative or grading) 7. pH (5–9) 8. Protein (neg.–≥500 mg/dL) 9. Red blood cells (neg.– ≥250 erythrocyte/µL), 10. Specific gravity (≤1.005- ≥1.030) 11. Urobilinogen (normal– ≥12 mg/dL) **Microscopy/sediment analysis parameters**: should include all of the following with quantitative detection of casts & cast sub typing, crystals & crystal sub typing, epithelial cells & epithelial cell sub typing, RBCs & RBC sub typing, WBCs & WBC clumps, yeast-like cells, mucus, sperm, bacteria, parasites etc.
2	**Result and Report Format**	**Chemical results** should be semi-quantitative. **Microscopy/sediment results** should be in numeric values. Report format should be customizable. Abnormal results should be flagged. Thresholds level should be customizable.
3	**Certifications**	Test strips must be FDA approved OR CE marked. **Note: Relevant certificates must be provided for all parameters.**
4	**Sensitivity & Specificity**	All above chemical parameters should have acceptable maximum sensitivity and specificity. Test interference by interfering substances (ascorbic acid etc) and cross contamination should be minimal. **Note: Vender will provide test strips insert.**
5	**Reagent description**	Reagents/strips should have longer stability. Reagents/strips and controls should be ready to use.