PESHAWAR INSTITUTE OF CARDIOLOGY
MEDICAL TEACHING INSTITUTION

STANDARD BIDDING DOCUMENTS
FOR
"Procurement of following Equipment's for the Year 2021-22"
REF: (PIC-027)

S#	Description	Quantity
1	Angiography System	03
2	Continuous Renal Replacement Therapy (CRRT) Machine	01
3	Full HD BRONCHCOVIDEO system	01

(PROCUREMENT SPECIFIC PROVISIONS)

- Invitation for Bids (IFB)
- Bid Data Sheet (BDS)
- Special Conditions of Contract (SCC)
- Schedule of Requirements
- Technical Specifications
- Sample Forms
- Eligibility

Preface

These Bidding Documents have been prepared for use by procuring agencies in the procurement of goods through National Competitive Bidding (NCB).

In order to simplify the preparation of bidding documents for each procurement, the Bidding Documents are grouped in two parts based on provisions which are fixed and that which are specific for each procurement. Provisions which are intended to be used unchanged are in Part one, which includes Section I, Instructions to Bidders, and Section II, General Conditions of Contract. Data and provisions specific to each procurement and contract are included in Part Two which includes Section II, Bid Data Sheet; Section III, Special Conditions of Contract; Section IV, Schedule of Requirements; Section V, Technical Specifications; and the forms to be used in Section I, Invitation for Bids, and Section VI, Sample Forms.

This is Part Two and contains data and provisions specific to each procurement. Care should be taken to check the relevance of the provisions of the Bidding Documents against the requirements of the specific goods to be procured. The following general directions should be observed when using the documents. In addition, each section is prepared with notes intended only as information for the Procuring agency or the person drafting the bidding documents. They shall not be included in the final documents, except for the notes introducing Section VI, Forms, where the information is useful for the Bidder.

a. Specific details, such as the "name of the Procuring agency" and "address for bid submission," should be furnished in the Invitation for Bids, in the Bid Data Sheet, and in the Special Conditions of Contract. The final documents should contain neither blank spaces nor options.

b. Amendments, if any, to the Instructions to Bidders and to the General Conditions of Contract should be made through the Bid Data Sheet and the Special Conditions of Contract, respectively.

c. Footnotes or notes in italics included in the Invitation for Bids, Bid Data Sheet, Special Conditions of Contract, and in the Schedule of Requirements are not part of the text of the document, although they contain instructions that the Procuring agency should strictly follow. The final document should contain no footnotes.

d. The criteria for bid evaluation and the various methods of evaluation in the Instructions to Bidders (Clauses 25.3 and 25.4, respectively) should be carefully reviewed. Only those that are selected to be used for the procurement in question should be retained and expanded, as required, in the Bid Data Sheet or in the Technical Specifications, as appropriate. The criteria that are not applicable should be deleted from the Bid Data Sheet.

e. Clauses included in the Special Conditions of Contract are illustrative of the provisions that should be drafted specifically by the Procuring agency for each procurement.

f. The forms provided in Section VI should be completed by the Bidder or the Supplier; the footnotes in these forms should remain, since they contain instructions which the Bidder or the Supplier should follow.

Table of Contents - Part Two

Part Two
Section I. Invitation for Bids
Notes on the Invitation for Bids

The Invitation for Bids (IFB) has been issued as an advertisement in leading newspapers of general circulation in the Province of Khyber Pakhtunkhwa as well as on the web site of the Peshawar Institute of Cardiology (www.pic.edu.pk) by allowing at least fifteen days for NCB for bid preparation and submission.

The Invitation for Bids provides information that enables interested bidders to decide whether to participate. Apart from the essential items listed in the Standard Bidding Documents (SBD), the Invitation for Bids also indicates the important bid evaluation criteria or qualification requirement (for example, a requirement for a minimum level of experience in manufacturing a similar type of goods for which the Invitation for Bids is issued) so that the bidders should give their best and final prices as no negotiations are allowed.

The Invitation for Bids is incorporated into these Standard Bidding Documents (SBDs). The information contained in the Invitation for Bids (IFB) conforms to the bidding documents and in particular to the relevant information in the Bid Data Sheet.

INVITATION FOR BIDS
PROCUREMENT OF THE MEDICAL EQUIPMENT FOR THE YEAR 2021-22
(REF NO PIC-027)

1. Peshawar Institute Cardiology– MTI invites sealed bids under National Competitive Bidding from Manufacturers & Importers of below Medical Equipment for the financial year 2021-22

S#	Description	Quantity
1	Angiography System	03
2	Continuous Renal Replacement Therapy (CRRT) Machine	01
3	Full HD BRONCHCOVIDEO system	01

2. Bidding shall be conducted through Single Stage –Two Envelopes Bidding Procedure comprising a single package containing two envelopes as per KPPRA Rules-2014. Each envelope shall contain separately Technical and financial bid clearly marked in bold & legible letters.
3. Financial bid must be accompanied with irrevocable 2 % Bid Security of the total Bid in the name of the undersigned. The Bid security shall be from bank account of the bidder. Ordinary cheque and Payment Order (PO) in the form of bid security will result in bid rejection summarily
4. Interested Bidders must submit sealed bids to office of the Hospital Director Peshawar Institute of Cardiology **11:00 AM, Thursday, March 31, 2021,** which will be opened on the same day at **11:30 AM** in the presence of those bidders or their representatives, who choose to attend the process. Bid submitted after 11:00 AM shall not be entertained.
5. Technical bid must be accompanied an Affidavit on Judicial Stamp paper to the effect that bid security as per Bid Data Sheet is attached in the financial bid, failing which the technical bid will be considered as non-responsive.
6. The Procurement Committee itself or through any other committee or expert/s as the case may be, will evaluate the technical proposal in the manner prescribed, without reference to the Financial Bid and shall reject any proposal which does not conform to the specified requirements as detailed in the SBDs.
7. Interested bidders can obtain the Standard Bidding Documents from the Procurement & Material Management Department of Peshawar Institute of Cardiology or electronically download the same from the official website of Peshawar Institute of Cardiology www.pic.edu.pk (Free of Cost)
8. Pre-bid meeting with the interested bidders will be held on 17 March 2021 at 10:00 am in the office of Manager Material Management Office of this Institute. All reservations in SBDs shall be submitted in writing in the pre-bid meeting by authorized person/representative of the firm.
9. The competent Authority has the right to reject all bids under Rule 47 of the Khyber Pakhtunkhwa Public Procurement Regulatory Authority (KPPRA) Procurement Rules 2014.

Section II. Bid Data Sheet

DATA SHEET		
Reference ITB	Introduction/Description	Detail
ITB 1.1	Name of Procuring Agency of Government of Khyber Pakhtunkhwa.	**Peshawar Institute of Cardiology, Medical Teaching Institution Peshawar.**
ITB 1.1	Loan or credit or Project allocation number. Loan or credit or Project allocation amount.	**Budget allocated by Government Khyber Pakhtunkhwa to Peshawar Institute of Cardiology.**
ITB 1.1	Name of Project.	**Procurement of Medical Equipment (PIC-027)**
ITB 1.1	Name of Contract.	**(PIC-027/2021-22**
ITB 4.1	Name of Procuring agency.	**Peshawar Institute of Cardiology, Medical Teaching Institution Peshawar.**
ITB 6.1	Procuring agency's address, telephone, telex, and facsimile numbers.	**Peshawar Institute of Cardiology - MTI Plot No.5-A, Sector B-3, Phase-V, Hayatabad, Peshawar – Pakistan 091-9219645**
ITB 8.1	Language of the bid.	English
BID PRICE AND CURRENCY		
ITB 11.2	The price quoted shall be	**The bidder must quote FOR and C&F Prices. If both not quoted the bidder will be non-responsive.**
ITB 11.4	The Price shall be fixed	**The quoted prices will be valid till 30th June 2022.**
PREPARATION AND SUBMISSION OF BIDS		
ITB 13.3 (d)	Qualification requirements.	**Manufacturer/Importer**
ITB 14.3 (b)	Spare parts required for years of operation.	• **Five Years free of cost provision of services and spare parts under warranty period.** • **Ten Years parts availability in market**

		and will provide certificate for the same.
ITB 15.1	Amount of bid security.	**2% of the total Bid Value** **The Bid security should be prepared/calculated on FOR prices.** **The Bid security shall be shall be from bank account of the bidder. Ordinary cheque and Payment Order (PO) in the form of bid security will result in bid rejection summarily.** **The copy of the bid security should be placed in Technical Bid not showing the amount.** **An affidavit is also mandatory showing that the bid security is attached in the financial Bid.**
ITB 16.1	Bid validity period.	**180 days from the date of opening of bids**
ITB 17.1	Number of copies.	**One (original bid)**
ITB 18.2 (a)	Address for bid submission.	**Hospital Director** **Peshawar Institute of Cardiology - MTI** **Plot No.5-A, Sector B-3, Phase-V,** **Hayatabad,** **Peshawar – Pakistan**
ITB 18.2 (b)	IFB title and number.	**Procurement of Medical Equipment for the year 2021-22** **(PIC-027/2020-21**
ITB 19.1	Deadline for bid submission.	**11:00 AM Sharp. 31-03-21.**
ITB 19.3	Pre-Bid meeting with the bidders	**17-03-21 At 10:00 am in Peshawar Institute of Cardiology Committee Room**
ITB 22.1	Time, date, and place for bid opening.	**11:30 AM Sharp. 31-03-21.** **Peshawar Institute of Cardiology Committee Room**
BID EVALUATION		
ITB 23.1	Clarification of Bids	The Procuring agency may ask the Bidder in writing, only for clarification regarding the received documents in the bid; however, no change in the prices or substance of the bid shall be sought, offered, permitted or entertained. This communication shall be with the prior approval of chairman T&E committee.

ITB 25.3	Criteria for bid evaluation.	**Merit Point Evaluation** The items ranked highest in merit points (obtained through and based on technical and financial evaluation) will get unit rate central Contract.
ITB 25.4 (a) **ITB 25.4 (b)**	One option only. Delivery schedule. Relevant parameters in accordance with option selected:	Not Applicable
Option (i) **Option (ii)** **Option (iii)**	adjustment expressed as a percentage, or adjustment expressed in an amount in the currency of bid evaluation, or adjustment expressed in an amount in the currency of bid evaluation,	Not Applicable
ITB 25.4 (c) (ii)	Deviation in payment schedule. Annual interest rate.	Not Applicable
ITB 25.4 (d)	Cost of spare parts.	Not Applicable
ITB 25.4 (e)	Spare parts and after sales service facilities in the Procuring agency's country.	Not Applicable
ITB 25.4 (f)	Operating and maintenance costs.	Not Applicable
ITB 25.4 (g)	Performance and productivity of equipment.	Not Applicable
ITB 25.4 (h)	Details on the evaluation method or reference to the Technical Specifications.	As in section on Technical Evaluation of bids.
ITB 25.4 Alternative	Specify the evaluation factors.	Not Applicable
Contract Award		
ITB 29.1	Percentage for quantity increase or decrease.	Number of items can be increased and Decreased as per requirement of the PE within permissible limits under the rules.

Section III. Special Conditions of Contract

Notes on the Special Conditions of Contract

Similar to the Bid Data Sheet in Section II, the clauses in this Section are intended to assist the Procuring agency in providing contract-specific information in relation to corresponding clauses in the General Conditions of Contract.

The provisions of Section III complement the General Conditions of Contract included in Part one, Section II, specifying contractual requirements linked to the special circumstances of the Procuring agency, the Procuring agency's country, the sector, and the Goods purchased. In preparing Section III, the following aspects should be checked:

a. Information that complements provisions of Part One Section II must be incorporated.

b. Amendments and/or supplements to provisions of Part One Section II, as necessitated by the circumstances of the specific purchase, must also be incorporated.

Table of clauses

SPECIAL CONDITIONS OF CONTRACT

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

GCC Ref No		
1. DEFINITIONS	1.1 g	**The Procuring agency is:** Peshawar Institute of Cardiology Medical Teaching Institution Peshawar
	1.1 h	**The Procuring agency's country is:** Pakistan
	1.1 i	**The Supplier is:** i. Manufacturer and/or Importer registered with relevant sales and income tax authorities and have requisite qualification and eligibility for supply of Goods in the specialized categories of health sector; and ii. Manufacture of Medical Equipment/ Machinery, Instruments & Medical Devices in Pakistan; and iii. Importer of Medical Equipment/ Machinery, Instruments & Medical Devices in Pakistan.
	1.1 j	**The Project Site is:** Peshawar Institute of Cardiology
3. COUNTRY OF ORIGIN		All countries and territories as indicated in Part Two Section.VI of the bidding documents Eligibility for the Provisions of Goods, Works, and Services in Government-Financed Procurement. The bidder will provide the details regarding country of origin, Model, Make, manufacturer, along with details of Manufacturing Units and mode of supply, shipment, and any other associated details of the component items and that of the quoted equipment. Bidders are bound to supply the equipment from quoted country of origin only.
7. PERFORMANCE SECURITY	7.1	The amount of performance security, as a percentage of the Contract Price, shall be 10% i.e. of the total value of each individual supply order placed to the successful bidder. However, the Standard bid security @ 2 percent of the bid value as elaborated in Section-IV, Statement of Requirement, of this document, from the successful bidders as received at the time of bids submission under GCC Clause 15 shall be retained by the Procurement Cell as Bid Security and will be released back to successful bidders after receipt of 10% performance security on each individual supply order placed by the respective procuring entity and will be retained by procuring entity till completion of warranty period.

8. INSPECTIONS AND TESTS	8.6	i. The Technical Evaluation shall be conducted by the Technical and Evaluation (T&E) Committee to undertake verification of documents submitted by the bidder/s along with the technical bids as well as to conduct the physical inspection of the various samples/relevant premises as per rent agreement or ownership etc. (Section-V -Technical Specification of the Part II of these SBDs). ii. Sample tests as well as pre-shipment inspections will also be carried out as and when needed before signing of contract agreement with all the successful bidders for Machinery & Equipment, instruments etc.
9. PACKING		In accordance with the GCC Clause 9 as well as provided in the relevant clauses of contract agreement of Peshawar Institute of Cardiology with the Supplier/s (Section-VI of these SBDs)
10. DELIVERY AND DOCUMENTS		Applicable Delivery Mode: Delivered Duty Paid (DDP) as per contract agreement of the Successful with the Procuring Agency. The delivery, loading/unloading and installation will be responsibility of bidder. No charges will be paid additionally in case of penalty or any other charges.
15. WARRANTY	15.1	The Supplier shall provide warranty as per the terms and conditions of the Rate Contract Agreement with Procuring Agency
	15.2	In partial modification of the provisions, the warranty period shall be as per contract terms and conditions. The Supplier shall, in addition, comply with the performance and/or consumption guarantees specified under the Contract. If, for reasons attributable to the Supplier, these guarantees are not attained in whole or in part, the Supplier shall, at its discretion, either: a. Make such changes, modifications, and/or additions to the Goods or any part thereof as may be necessary in order to attain the contractual guarantees specified in the Contract at its own cost and expense and to carry out further performance tests in accordance with SCC 4, or b. Pay liquidated damages to the Procuring agency with respect to the failure to meet the contractual guarantees. The rate of these liquidated damages shall be higher than the adjustment price used in bid evaluation.
	15.4	The period for correction of defects in the free warranty

	15.5	period is Five years after installation with free parts and free services, including all incidental charges
16. PAYMENT	16.1	The method and conditions of payment to be made to the Supplier under this Contract shall be as follows: i. GCC Clause 16 as well as under the terms and condition in Contract Agreement with the Procuring Agency, the goods supplied under the Contract shall be delivered duty paid (DDP) under which risk is transferred to the buyer after the goods having been delivered; hence insurance coverage is seller's responsibility, for which they may arrange appropriate coverage. Payment shall be made in Pak. Rupees in accordance with the relevant and applicable government rules and regulations ii. On Shipment: Eighty (80) percent of the Contract Price of the Goods shipped shall be paid through irrevocable confirmed letter of credit opened in favor of the Supplier in a bank in its country, upon submission of documents specified in GCC Clause 10 iii. Payment shall not be made for partial and incomplete supply of goods. iv. The LC will be opened with the principal/Manufacturer directly. Non Third party will be allowed. v. The payment will be made 80/20 %. The 80% will be made on shipment arrival and the remaining 20% will be made after successful inspection by the committee.
17. PRICES	17.1	i. The bidder will not quote price of any item/s which is/are higher than the prices quoted by the bidder across the country to any procuring entity of the quoted item/s through public funding. ii. In case the bid price is higher than estimated cost, the Procuring agency has the right to reject the bid and scrap the process without any liability. iii. In case of single bid after technical evaluation, the procuring agency may carry out the market analysis before issuing a letter of consent to the successful bidder.
23. LIQUIDATED DAMAGES		As in relevant clauses of the Contract Agreement signed by the Supplier with the Procuring Agency. Penalties shall be imposed as per contract agreement and blacklisting & debarment guidelines of the department if the firm deviates from Rate Contract Agreement.
28. RESOLUTION OF DISPUTES		The dispute resolution mechanism to be applied will be pursuant to relevant clauses of Contract Agreement signed

		by Supplier with the Procuring Agency under KPPRA Regime. If at all required, the jurisdiction of Court shall be of Peshawar, Khyber Pakhtunkhwa. **Bid Tie.** In case of tie in the final score of two bidders, and unless otherwise not in contradiction to any of the terms & conditions and specifications of that item, the rate contracting will be offered to the bidder having higher score in its technical bid and the same will be declared as highest fair bid (successful bidder).if technical and financial score are the same, the contract may be awarded to both firms.
29. GOVERNING LANGUAGE	29.1	The Governing Language shall be: English
30. APPLICABLE LAW	30.1	The Contract shall be interpreted in accordance with the laws of Islamic Republic of Pakistan, which includes the following legislation: i. The KPPRA Act 2012 ii. The KPPRA Rules 2014 iii. The Contract Laws iv. The General Financial Rules of the Govt. of Khyber Pakhtunkhwa and all the v. Relevant laws, rules and regulations pertaining to budgeting & financial management of public fund vi. The Bonded Labor System (Abolition) Act of 1992 vii. vii. The Factories Act 1934
31. NOTICES	31.1	**Procuring Agency address for notice purposes**: Hospital Director Peshawar Institute of Cardiology, MTI Plot No.5-A, Sector B-3, Phase-V, Hayatabad, Peshawar – Pakistan. Email: Shafa.sawal@pic.edu.pk **Supplier's address for notice purposes:** As mentioned in their bidding document
32. Duties & Taxes	32.1	The Unit price quoted by the bidder shall be: inclusive of all applicable duties and taxes. All prices shall include relevant taxes & duties, where applicable. The benefit of exemption from or reduction in the GST or other taxes shall be passed on to the Procuring Agency.

Section IV. Schedule of Requirements

1. As detailed elsewhere in this document, 2 % of bid security of the total bid value of the quoted equipment shall be submitted by each bidder on the total quantity of items for which bid is being submitted. The mode of provision of bid security shall be in accordance with the modalities as laid down in the relevant KPPRA Rules and these Revised Standard Bidding Documents.
2. Manufacturers/ Importers/Authorized Dealers for procurement of quoted Equipment.
3. All certifications (i.e Manufacturer authorization, ISOs, CE MDD, USFDA, JIS/MLHW, DRAP) and data/ documents shall be valid. T&E committee will carry out the verifications before award of contract and in case of any fraudulent practice; legal action will be taken against the bidder concerned. Any certificate expires before bid opening will not be consider.
4. Non-Provision of mandatory documents mention in these SBDs shall lead to disqualification of the firm / quoted items.
5. Bid document and required documents must be submitted in Hard Tap binding.
6. The order may increase / decrease as per requirement / decision of the procuring entity and in this connection no claim shall be entertained.
7. The Procuring Agency, at any stage of the procurement proceedings, having credible reasons for or prima facie evidence of any defect in Supplier's capacities may require the Suppliers to provide information concerning their professional, technical, financial, legal or managerial competence.
8. The Procuring Agency has the right to inspect the premises of bidder to inspect the setups ensuring proper after sales services, documents mentioned in technical bids and any other relevant details. Premises (office/workshop) of bidder shall be insured through ownership/or Rent agreement.
9. The Bid security shall be shall be from bank account of the bidder. Ordinary cheque and Payment Order (PO) in the form of bid security shall result in bid rejection.
10. The Unit price quoted by the bidder shall be **inclusive** of all applicable duties and taxes. All prices shall include relevant taxes & duties, where applicable. The benefit of exemption from or reduction in the GST or other taxes shall be passed on to the Procuring Agency.
11. The bidder must be registered with Income / Sales Tax Department, reflected as Active Tax Payer on the list of FBR.NTN/KNTN and KP Professional tax
12. In case of the Importers/Authorized Dealers, the firm will ensure that the items are acquired from the original manufacturer and are procured through proper channel as advised by the original manufacturer.
13. The bidder shall provide an undertaking that the bidder has not been declared black listed by any Governmental/ Semi-Governmental institutions.
14. Bidders shall not be eligible to bid if they are under a declaration of Ineligibility for corrupt and fraudulent practices issued by any government organization in accordance with the Section 44(1) KPPRA Rules 2014

15. Different models/ prices offered for a single item by the same bidder shall be considered as alternate bid and shall be non-responsive.
16. All reservations in SBDs shall be submitted in writing in the pre-bid meeting by authorized person/representative of the firm.
17. The firm should quote Both prices CNF and FOR. Single price will be considered as non-responsive.
18. The schedule for supply of goods shall be as under:
    a. Within 90 days from the date of issuance of supply order by the Purchasing Agency for items to be imported.
    b. Within 60 days from the date of issuance of supply order by the Purchasing Agency for items to be locally manufactured.
19. The Penalty on late supply of goods shall be charged as under
    i. Penalty @ 2% for late supply up to 15 days.
    ii. Penalty @ 5% for late supply after 15 days up to 30 days.
    iii. Penalty @ 07 % for late supply beyond 30 days

List of Equipment

S#	Description	Quantity
1	Angiography System • SINGLE PLANE CARDIAC ANGIOGRAPHY MACHINE (02) • Bi-PLANE DIGITAL ANGIOGRAPHY / INTERVENTIONAL SYSTEM (01)	03
2	Continuous Renal Replacement Therapy (CRRT) Machine	01
3	Full HD BRONCHCOVIDEO system	01

Evaluation Criteria for Procurement of Medical Equipment

Total Marks (Technical Criteria + Financial Criteria): TM: 70 + 30 =100

(Technical Evaluation Marks: 70)

S #	Parameters	Sub-parameters	Total Marks: 45
	Product Evaluation		
	Conformance to Specification		
1	**Compliance to Purchaser's Specifications**		**25**
		Fully compliance with the required specifications as per statement of Requirement (Up to a maximum of four Minor deviations may be accommodated subject to the condition that main function and performance in any aspect would not affect. However, up to four marks will be deducted	25
	Special features		**1**
		Additional features of the product if it enhances the Performance of equipment in required Field or Additional Software Provided Free of cost	1
3	**Product Certification**		**9**
	US FDA	US Food and Drug Administration (FDA) 510K	4
	CE(MDD)	European Community (CE) MDD	2
	JIS/MHLW	Japanese industrial standard/ Ministry of Health, Labour and Welfare of Japan	3
	Performance Specifications		
4	**Product's Global Performance Certificates**		**3**
		• Valid ISO 9001 Quality Management Certificate • Valid ISO 13485 Quality management certificate • Certificate of Origin of Equipment on letter head of the manufacturer.	1 1 1
5	**Product's Local Performance**		**7**

		One mark for each after sale satisfactory performance certificate (verifiable) on letter head of medical institution, signed and stamped letter for the quoted model of equipment from medical institution of Pakistan. Supply Order / Purchase Order / Installation reports / Delivery challan will not be considered as satisfactory performance certificate.	4
		One mark for each after sale satisfactory performance certificate (verifiable) on letter head medical institution, signed and stamped letter for the Previous models of equipment from medical institution of Pakistan. Supply Order / Purchase Order / Installation reports / Delivery challan will not be considered as satisfactory performance certificate.	3
	Firm Evaluation		**Total Marks: 25**
6	**Legal Requirement**		6
		Manufacturer Authorization Certificate, or Partnership Deed with manufacturer	Mandatory
		Most Recent Audit Report duly signed by external Auditor (from charted accountant)	1
		Firm Must have Registration with (GST, NTN,KPRA)	Mandatory
		Sales Tax (Last 1 Year)	1
		Income tax (Last 3 years)	3
		Firm registered with PEC / DRAP (Drug Regularity Authority of Pakistan) to import / manufacture of medical devices where applicable.	1
7	**Technical Staff**		5
		Diploma Engineer	1
		Graduate Engineers.	1
		Graduate Engineers (PEC certificate should be attached)	1
		Manufacturer Trained Engineer in Pakistan on quoted Equipment. (Visa and certificates should be attached)	2
8	**Networking and Training**		**4**

	Supplier's office for maintenance and 24/7 support	Availability of workshop in Peshawar to be verified with Ownership / Rent Agreement with Owner / Rent Agreement with Company Name.	2
		Availability of workshop at National level to be verified with Ownership / Rent Agreement with Owner/ Rent Agreement with Company Name.	1
		Certificate to the affect that the firm will provide training in the use of equipment to the relevant technical staff. Training plan must be attached with certificate	1
9	**Testing & Calibration Equipment**		**2**
		List of tools, testing equipment and calibration equipment relevant to the product	1
		Spare Parts readily availability (Inventory list)	1
10	**Warranty Period Extension**		**4**
	With parts and services	Warranty Period five years with parts and services from the date of installation. Warranty must be from original manufacturer.	4
11	**Post warranty Maintenance Services**		**4**
	With parts and services	Post warranty maintenance contract, including service and parts, rates (companies to offer percentage (%) of the contract value in the technical bid. The lowest will get the full marks. The rates must come from the original manufacturer	4

Total Marks in Technical Criteria: **70**
Qualifying Percentage in Technical Criteria: **70%**
Qualifying Marks: **49**

Financial Criteria (30 Marks):

S #	Parameters	Sub-Parameters	Total Marks: 30
	Price		**30**
		Lowest Price will get full marks. The formula to calculate the marks for the price submitted is: [Lowest Price (Fm)/Price of Bid under consideration (F)] x100 x 0.30	30

Total Marks (Technical Criteria + Financial Criteria): 100

The bidders achieving a minimum of **49** marks (i.e., 70%) out of **70** marks in the Technical Evaluation will be declared technically qualified. Financial bids of only technically qualified bidders will be opened publicly at the time to be announced by the Procuring Agency. The Financial Bids of technically disqualified bidders will be returned un-opened to the respective Bidders. After getting the financial score from the remaining **30** marks, the two scores will be combined to identify the highest ranking firm.

Merit Point Evaluation Methodology: Contract will be awarded to the lowest evaluated responsive firm which gets the maximum marks and becomes the highest ranking in the Combined Evaluation calculated through the Merit Point Average Methodology which puts greater emphasis on non-price factors like stringent global certifications on Conformance Specifications (i.e., meeting the required technical specifications), Performance Specifications (i.e., meeting the requirements the product is designed for) leading to customer satisfaction verification, certifications of the technical staff, provision of maintenance & services, provision of training on equipment and post-warranty services etc. The following weightages will be given to the technical and financial scores:
Technical Score: 70
Financial Score: 30

Statement of Requirement with Specification

1. ANGIOGRAPHY SYSTEM

SINGLE PLANE CARDIAC ANGIOGRAPHY MACHINE (02)

A fully digital flat panel single plane Cardio-Vascular Angiography system, dedicated for diagnostic & interventional Cardiology examinations. Head to toe patient coverage without patient re-positioning should be possible. The Angiography system should comprise of the following Configuration:

POSITIONING ARM:

STAND:

Ceiling mounted stand with motorized movements, providing free access to patient table from all 3x sides

Real time display of rotation angulations.

Geometry: C-arm / G-arm

C arm depth of 86cm or more

RAO / LAO +/- 105 ° or more

C-arm permits 50° cranial and 90° caudal angulation of the imaging system

3D Rotational angiography with a speed of up to 50°/sec or more. It should be possible to achieve rotational scan with Carm positioned at head end or nurse end as per user preference and clinical requirement

Isocentric Height: Variable / Fixed. Variable / Fixed. Focus spot to iso-center should be 75 cm or more

Auto Positioning: Programmable auto positioning of selected angulations. (50 or more programmable positions.). Ability to recall stand position by reference image should be possible.

The control panel can be mounted at any side of the patient table.

All the rotational / angles should be available and digitally displayed in the control and examination room.

Motorized / manual parking of the positioning arm should be possible

DIGITAL FLAT PANEL:

Image matrix of 2480 x 1920 x 16 bits or more. Systems with higher matrix will be preferred

30 x 40cm or more sized detector with five formats or more

Air/ liquid cooling with temperature stabilization

Digital flat panel detector with pixel pitch of 160 micron or better and DQE of 70% or better

Integrated collision protection feature.

All other standard accessories according to this digital flat panel.

Removable Antiscatter grid for lowering dose to infants & paeds

Operating mode 3 to 60fps

Dose management with **automatic fluoro** filters range of 0.1/0.2mm to 0.9/1.0 mm Cu **(Based on patient weight)**

PATIENT SUPPORT/ TABLE:

Interventional Table:

Floor mounted with up down / vertical, longitudinal table top length of minimum 280 cm or more

Longitudinal travel.: 1200 mm or more

Lateral Travel + - 14 cm or more
Table Tilting should be provided
CPR: with tabletop In any table longitudinal position, without the need of retraction
Table side movement control with one additional control to control the movements from any side of the table.
Table top should be of such construction in material and durability to accept patients weight of not less than 220 kg or more
Table top should have large metal free over hand for unobstructed image coverage.
complete accessories should be provided including arm holder(Radial Support),
hand grip, arm support and arm rest and positioning aids
Table top should be of such construction in material and durability to accept patents weight of
not less than 200Kg plus 100 kg for resuscitation.
Table dimensions should be able to accommodate patients of all ages.
.

Pivot +/- 90Deg or better

X-RAY GENERATOR:

Microprocessor based high frequency using fiber optic for data communication between each imaging system.
Dedicated X-Ray generator of 100 kW.
Radiographic rating minimum 1000 mA at 100KV
Serial filming exposures, Auto exposure optimization with shortest exposure of 1ms, with automatic kV and mA control for optimum image quality or high pulse fluro technology
The system should have capability of digital radiography and fluoroscopy.
Should have capability of doing digital pulsed fluoroscopy at at 3.75/7.5/ 15 / 30 pulses per second or better, Automatic kV,mA & pulse width regulation facility.

DIGITAL IMAGING AND ACQUISITION / FLUOROSCOPY.

DIGITAL SYSTEM:

Pulse Fluoroscopy at 30/25 FPS, 15/12.5 FPS, 7.5/6 FPS or better with 2k x 1.5k resolution
Parallel processing capability / multitasking facility.
Real time filtering and road map function.
10 sec or more default storage, programmable up to 999 images or more of fluoroscopy for reference or archiving
Cine Acquisition at 3.75, 7.5, 15 and 30 pulses per seconds or better
Storage capacity 50,000 images or more in 1024x1024 matrix
Integrated dose monitoring and dose structured reporting in DICOM.

X-RAY TUBE:

Dual focal or better with at least 5 MHU or better anode heat storage capacity
Dual/Triple focus, rotating anode. Focal spot sizes 0.3/0.4, and 1.0 mm or better:
Anode cooling rate 1500 KHU/min or more

MONITORS:

HD Flat Screen 18" supplied in control room.
Monitors should be ceiling mounted in the operation room.

One 55" or better 8MP medical grade monitor with integrated tableside control in touch panel in operation room.
All black & white monitors will be of Medical Grade, complied with international standards for

medical monitors.

Two monitors for live images and road mapping in the control room 18 inch or larger LCD/LED.

All the monitors will be of Medical Graded, complied with international standards for medical

monitors

RECORDING / ARCHIVING & COMMUNICATION SYSTEM:

Recording / archiving system should be DICOM-3 compatible.

DICOM (send/storage, commitment, retrieve/query)

Ethernet connection to connect with other terminals.

Integrated Intercom system.

REVIEW STATIONS (01):

Dedicated cardiovascular Workstation quoted should be from the original manufacturer of the cath lab with integrated tableside controls for reviewing prior data

DICOM-3 Compatible.

Edge enhancement, adjustable view speeds & post processing,

High resolution 18" or better LCD/LED Monitor.

Online workstations to review studies directly and the facility to review studies on workstations

with lossless compression and original image quality as on console.

CD. DVD writer and CD/DVD ROM Drive.

Image storage capacity 3x80 GB with at least 10,000 rpm speed.

And SCSI (SATA/IDE) or equivalent controller at each review station.

Laser black & white printer, **2400 DPI** or better (HP, LEXMARK, XEROX, CANON) network ready x1

All Licenses software with part numbers. (Verifiable direct from Manufacturer)

SOFTWARE/HARDWARE PACKAGES:

Dual/single axis coronary rotation angiogram

Automatic loop replay after acquisition or fluoroscopy.

Dynamic real time pan / zoom.

DSA

real-time and live stent enhancement. The feature should be controllable from the tableside touch panel of the angio table. All the quoted advance clinical applications should be offered with OEM catalogue no

All controls of digital imaging system incl. Post-processing & Quantification shall be in the examination as well as control room.

Single axis rotation

All the advance clinical packages offered by the vendor should be from the OEM of the angio system

The feature should be controllable from the tableside touch panel of the angio table. All the quoted advance clinical applications should be offered with OEM catalogue no

Planning and guidance TAVI procedure along with Structure Heart Procedure software with all necessary hardware and software.

All the advance clinical packages offered by the vendor should be from the OEM of the angio system

Facility to review previous studies in the examination room from the patients old CD.

All controls of digital imaging system incl. Post-processing & quantification (QCA) shall be in the
examination as well as control room. Automatic positioning of the c-arm corresponding to reference image. Store fluoro facility to store fluoroscopy. Stent visualization system latest version by the company. 3-D Coronary visualization/reconstruction or similar/equivalent software and workstation.
Should be compatible with EP, IVUS/OCT and Rotablattor with all necessary software, IFR/FFR

Ceiling suspended tilt able lead glass large size for radiation protection of operators head / neck regions. (
Collision tolerant.
Lower body radiation protection flaps (2 pieces full coverage).

PHYSIOLOGICAL HAEMODYNAMIC MONITORING SYSTEM:

should be for peads and adults having control on single touch screen which also controls all other functionality
Multichannel (12 channels or more) to record at least 2 channels IBP, Cardiac output with thermo dilution method, Surface ECG in any configuration and simultaneous 12 lead ECG, NIBP and SpO2 measurement.
Digital display of all the parameters like IBP, Heart rate, cardiac output parameter.
Bidirectional communication between hemodynamic and angio system.
It should be possible to store the waveforms on the hard disk of the physiological recording system.
The hemodynamic monitoring system should include following accessories :
2x invasive blood pressure reusable transducer.
Reusable interface for 12 lead ECG (2 Nos)
NIBP cuffs (02 Nos)
Holder for mounting the IBP transducer alongside the patient table.

ACCESSORIES:

150 KVA or more or (as per manufacturer recommended) true on line sine wave Double conversion UPS MGE, APC, Chloride, GE, Eaton,REILLO,EMERSON). for whole system with a minimum back up time of 20 minutes including room lights, microprocessor based IGBT technology. Display and alarms of parameters. Three phase line voltage of 220 50Hz with all necessary standard parts including batteries.
200KVA Diesel Generator (or as per manufacturer recommendation) with ATS Switch/panel

Offline QVA Quantifications on Workstation should be offered (**should be offered as optional**)
Single head Power Injector with disposable syringes 500((Medrad bayer/Angiomat/Guerbet/Nemoto/Medtrone).
Wall mounted / trolley mounted/Mobile hangers for lead aprons
10 lead aprons VEST and SKIRT (As per end user demand, these should be a combination of different styles, single and double pieces)
10 thyroid Collars with gonadal shields (as per end user demand)
Eye radiation protection goggles(top of the class as per end user demands).

Cupboard for aprons and other items

Lead glass (according to hospital specs)

Ceiling suspended For Angiographic and related surgical procedures.

WARRANTY:

5 Years Comprehensive with tube and detector from the manufacturer

QUALITY AND SAFETY STANDARDS:

FDA 510 K approval & CE Marking for the offered Angiography system, Hemodynamic Monitoring system & Cardiovascular workstation should be available.

INSTALLATION:

Complete building/civil work/electrical work for state of the art Angio suite including storage aluminum racks, aluminum doors with elbow action controls, paneling , lead lining , flooring , paints etc.

Negative Pressure Room should be developed for one of single plane angiography machine

Complete Audiovisual system including video recording for live streaming and remote telecast both within the institute and to other location outside e.g medical conferences

Oxygen and suction system connection with the existing hospital pipeline.

Split air conditioner units for whole suite.

Complete electricity works from power station to Angio room including earthling(70mm PSCIR cable, tested cable must be of (fast/ pak cable or as per end user demand) , Main power cable (must be of (fast/ pak cable or as per end user demand) with PCSIR certificate.)

Racks, breakers, DB etc. (only original schnider,legrand , siemens) ,Lead lining of walls, windows and doors complete full length. it must be turn key in all aspects.

Warranty: 5years with parts including all accessories

At least 2 certificates are mandatory

1. US FDA
2. CE(MDD)
3. JIS/MHLW

Bi-PLANE DIGITAL ANGIOGRAPHY / INTERVENTIONAL SYSTEM (01)

The Bi-plane C-arm system for digital acquisition designed to meet the requirements of modern general angiography, cardiac angiography, and interventional cardiac/peripheral and carotid procedures with Flat Panel Detector.

Consisting of:

POSITIONING ARMS:

a) Frontal floor mounted C-arm with motorized movements. Real time display of rotation angulations. The C-arm should have the possibility of head to toe coverage of the patient without repositioning the patient.

a. Right anterior oblique (RAO) /Left Anterior Oblique (LAO): +/- 105^0 or more.
b. Cranial / Caudal: Minimum + 50 / -45 or more (Capable of achieving Spider position).
c. Rotation speed: 25^0 / sec. or more in LAO /RAO at single plane setting
d. isocentric Height: Variable / Fixed. Variable / Fixed. Focus spot to iso-center should be 75 cm or more
e. Motorized parking
f. Synchronized Flat Detector and collimator rotation

b) Ceiling mounted C-arm/omega arm for lateral plane

a. LAO/RAO 0 – 115 deg or more

b. C-arm LAO/RAO & Cran/Caud speed with C-arm sliding: 10 deg / sec or better
c) Auto Positioning: Programmable to positioning and also with reference to a selected reference image through Auto Positioning Controller (APC) Integrated, computer-aided collision monitoring / Protection
d) Collision Protection: Patient sensing without touching patient (non-contact detection of patient)
e) Parking in Emergency: The stand should have automatic parking features and have ability to be fully parked away from the patient. The system should also have: -
a. Table side control
b. All the rotational angles be clearly displayed on screen
c. Pre-programmable stand positions through APC setting

FLAT DETECTOR (Plane A & Plane B)

The high resolution dynamic flat panel detector (cardiac size) with integrated detachable grid especially designed to fulfill the requirements for diagnostic and interventional cardiology & radiology.

Size:

Frontal Detector :30cm x 40 cm Detector

Lateral Detector :20cm x20cm or better

Pixel size: 160 µm or less

Spatial resolution: 2.5 LP/mm or more.

Removable grid for dose saving in pediatric procedures.

PATIENT SUPPORT / TABLE

- Floor mounted examination table for angiography and interventions.
- Motorized height adjustment with variable speed. Floating tabletop with longitudinal and transverse movements.
- Left / right pivotal table rotation +/- 90 deg. or more
- Patient weight bearing capacity 200 kg or more. Capability to handle additional load (100 kg) for CPR procedure.

Accessories

- Arm cradles (pair), Unilateral armrest, Infusion bottle holder,
- Table Tilting should be provided
- Pivot +/- 90Deg or better

X-RAY GENERATOR FOR EACH TUBE

- Microprocessor based high frequency X-ray generator
- Output Power 100 KW. Radiographic rating minimum 1000 mA at 100 KV.
- The system should have capability of digital radiography and fluoroscopy. Should have capability of doing digital pulsed fluoroscopy at 4/7.5/ 15 / 30 pulses / sec. or better
- Maximum continuous fluoro output power to be 2.2 KW or more to ensure good image quality during fluoro at oblique angles.
- shortest exposure of 1ms, with automatic kV and mA control for optimum image quality or high pulse fluoro technology
- Should be capable of providing 200 mA or more current during digital pulsed fluoroscopy

X-RAY TUBE FOR EACH TUBE

- Dual focus or better X-ray tube with anode heat storage capacity of at least 5.0 MHU or better.
- Dual Focus/triple focus 0.4 mm/0.5mm, 1mm or better.
- Anode cooling rate 1500 KHU/min or more

DIGITAL IMAGING SYSTEM (ACQUISITION / FLUROSCOPY)

- Acquisition, processing and display in 2kX 2k X 16 bits for frontal detector
- Real time filtering, online edge enhancement, noise reduction (spatial filtration), pixel shift / remasking, and dynamic real time Pan / zoom.
- Hard Disk/Magnetic Disk Capacity for storage of 60,000 frames with 1024x1024 x12 bits matrix or better
- DICOM 3.0 with standard exchange media.
- The system must have DICOM send & DICOM Query / Retrieve facility
- Display of scene directory for easy selection of any image or scene from the examination room or control room
- Radiation-free positioning of the primary and semi-transparent diaphragms by means of graphic display in the LIH (Last Image Hold).
- Variable Copper filtration during fluoroscopy and acquisition for radiation protection from 0.2 mm to 0.9 mm Cu. The selection of the Cu filters must be automatic by the system based on patient weight / absorption without any user interaction.
- Display of the measured dose-area product and the calculated patient air kerma reference on the flat screen display in ceiling suspension
- Monitoring of the skin entry dose, taking into account the geometric conditions of the system (device angulation, table position) to ensure that the skin entry dose applied to a specific region of the patient's body will not exceed a specified threshold.
- The system to display the dose information in DICOM format after every examination.
- Scientific Coronary / Cardiac Vessel analysis with determination of degree of stenosis, distance measurement and calibration.
- LVA analysis SW
- Dedicated processing software / Application to display image for real-time and live stent enhancement, stent visibility with display and control in control room as well as in examination room. Any related hardware, if needed is to be included in the offer. The application should be able to utilize online fluoro, stored fluoro runs or fluoro images for stent boosting. Online table-side processing like windowing, Image invert, Zoom / pan, edge enhancement. The application should be able to view images and fade vessels or stents in and out for vessel / stent comparison at the table side and control room.
- Automatic positioning of the c-arm corresponding to reference image and vice versa.
- Simultaneous display of fluoroscopy and reference images.
- Overlay fade feature i.e., on-line superposition of active fluoroscopy and reference image
- The system must have online image density (gray scale) correction i.e., Automatic online image density correction of dynamic scenes and single images for clear view in the bright and dark areas of the image.

- Automatic Exposure control/x-ray optimization should be available
- Fast digital acquisition module for cardiac acquisition / angiography.
- Facility to review previous studies in the examination room from the patient's old CD.
- The system should have the capability for retrieval of angio/CT/MR images back into the digital imaging system from the CDs and/or the network.
- Special reconstruction SW and related HW for calculating a 3D coronary model complete with display in the control room and examination room. The controls of this package should also be available both in the control room and on the table side in the examination room.
- All the advance clinical packages offered by the vendor should be from the OEM of the angio system
- Should be compatible with EP, IVUS/OCT and Rotablattor with all necessary software

interactive 3D reconstruction and visualization of coronary segments, including bifurcations or similar/equivalent software should be available for support in interventional cardiology; especially during stenting procedures

Controls of Digital Imaging System:
All controls of digital imaging system must be available in the examination as well as control room.

RECORDING / ARCHIVING & COMMUNICATION SYSTEM:

Recording / archiving system should be DICOM-3 compatible.
DICOM (send/storage, commitment, retrieve/query)
Ethernet connection to connect with other terminals.
Integrated Intercom system.

REVIEW STATIONS (01):

Dedicated cardiovascular Workstation quoted should be from the original manufacturer of the cath lab with integrated tableside controls for reviewing prior data
DICOM-3 Compatible.

Edge enhancement, adjustable view speeds & post processing,

High resolution 18" or better LCD/LED Monitor.
Online workstations to review studies directly and the facility to review studies on workstations
with lossless compression and original image quality as on console.
CD. DVD writer and CD/DVD ROM Drive.
Image storage capacity 3x80 GB with at least 10,000 rpm speed.
And SCSI (SATA/IDE) or equivalent controller at each review station.
Laser black & white printer, **2400 DPI** or better (HP, LEXMARK, XEROX, CANON) network ready x1

MONITORS FOR THE SYSTEM

- Monitor should be ceiling –mounted in the operating/examination room. A full color 55''-inch medical-grade screen or better.

- Two 19-inch active matrix TFT monitors for live and reference images in the control room.
- Data for display of system and table geometry, system messages as well as dose is to be displayed either on the imaging monitors or on a separate monitor integrated into the ceiling suspension system.

PHYSIOLOGICAL HAEMODYNAMIC MONITORING SYSTEM:

- should be for peads and adults having control on single touch screen which also controls all other functionality
- Integrated Hemodynamics system having multichannel (12 channels or more) to record at least 2 channels IBP. Surface ECG in any configuration and simultaneous 12 lead ECG, NIBP and SaO2 measurement.
- The system must be complete with software for pediatric & adult, right / left heart, angio / valvular homodynamic examinations including functionality for homodynamic calculations such as gradients, valve areas, shunt. Including annotations and 12 channel ECG.
- Digital display of all the parameters like IBP, Heart rate etc. It should be possible to print the waveforms simultaneously while acquiring the data in the background.
- It should be possible to store the waveforms on the hard disk / CD of the physiological recording system. The system should include following:
  - o 2 x invasive blood pressure reusable transducer.
  - o Reusable interface for 12 lead ECG.
  - o NIBP cuffs (2 Nos.)
  - o Holder for mounting the IBP transducer alongside the patient table.
- The system should have 40 GB or more hard disk for permanent storage.
- Two color monitors 19-inch Active matrix TFT inside the control room.
- DVD / CD writer for archiving of study data and wave form stored on the hard disk.
- Facility of freezing the homodynamic data and simultaneous recovery of recent data / compare stored data with current waveform.
- Must have tableside control of the Hemodynamics system in the examination room
- Bi-directional communication between Hemodynamics system and Digital System of Main angio machine for transfer of patient demographic- and X-ray data such as Acquisition time, RAO/LAO angle, Cran./Caud. Angle, SID, Time of scene, Frame frequency, Total area dose and Fluoroscope time.
- Must have capability for Integrated measurement of FFR,IFR (Fractional Flow Reserve The FFR application should have
  - FFR data to be measured directly during the examination
  - FFR results and the FFR waveform image to be stored in the Haemodynamic system.
  - the FFR measurement to be postprocessed
  - Compatible with the FFR pressure wires

The Hemodynamic system should be from original manufacturer of angio system.
Surgical shadow-less light ceiling suspended.
Ceiling suspended Lead Glass for Upper Body Radiation Protection
Lower body radiation protection flaps
1 x Fully programmable latest model contrast medium injector with 500 disposable syringes
Other Allied Accessories

- One Postscript level Network Laser Printer for taking image printouts on paper. This printer is to be connected with the Main Digital Imaging System. Paper for 500 prints should be delivered with the printer.
- 1000 write-able CDs should be delivered with the system (according to end user specs)
- Lead Glass Window (according to end user specs)
- Single head Power Injector with disposable syringes 500((Medrad bayer/Angiomat/Guerbet/Nmoto/Medtrone).
- Wall mounted / trolley mounted/Mobile hangers for lead aprons
- 10 xLead aprons VEST and SKIRT (As per end user demand)
- 10 xThyroid Collors with gonadal shields (as per end user demand)
  - 10 eye protection goggles
- Cupboard for aprons and other items
- Intercom for communication between control and exam room
  - 150 KVA or more or (as per manufacturer recommended) true on line sine wave Double conversion UPS MGE, APC, Chloride, GE, Eaton,REILLO,EMERSON). for whole system with a

minimum back up time of 20 minutes including room lights, microprocessor based IGBT technology. Display and alarms of parameters. Three phase line voltage of 220 50Hz with all necessary standard parts including batteries.

200KVA Generator (or as per manufacturer recommendation) with ATS Switch/panel

INSTALLATION:

Complete building/civil work/electrical work for state of the art Angio suite including storage aluminum
racks, aluminum doors with elbow action controls, paneling , lead lining , flooring , paints etc.

Oxygen and suction system connection with the existing hospital pipeline.

Complete Audiovisual system including video recording for live streaming and remote telecast both within the institute and to other location outside e.g medical conferences

Split air conditioner units for whole suite.

Complete electricity works from power station to Angio room including earthling(70mm PSCIR tested ,cable must be of (fast/ pak cable or as per end user demand , Main power cable (must be of fast/ pak cable or as per end user demand with PCSIR certificate.) Racks, breakers, DB etc. (only original schnider,legrand , siemens) ,Lead lining of walls, windows and doors complete full length. It must be turnkey in all aspects.

System completes with 5 years warranty including spare parts, X-ray tube and Flat detector.

At least 2 certificates are mandatory

1. US FDA
2. CE(MDD)
3. JIS/MHLW

2. CONTINUOUS RENAL REPLACEMENT THERAPY (CRRT) MACHINE

- **Therapy Options**

✓ Continuous Venovenous Hemodiafiltration (CVVHDF)
✓ High-Volume Continuous Venovenous Hemofiltration (HV-CVVH)
✓ Calcium Citrate Continuous Venovenous Hemodiafiltration (Calcium Citrate CVVHDF)
✓ Calcium Citrate Continuous Venovenous Hemodialysis (Calcium Citrate CVVHD)

- ✓ Continuous Venovenous Hemofiltration (CVVH)
- ✓ Continuous Venovenous Hemodialysis (CVVHD)
- ✓ Slow Continuous Ultrafiltration (SCUF)
- ✓ Membrane Plasma Separation (MPS)/ Therapeutic Plasma Exchange (TPE)
- ✓ Hemoperfusion (HP)
- ✓ High resolution Color TFT/LCD/touchscreen with graphical user interface
- ✓ Automatic start-up and self-test
- ✓ On-Screen user guidance with online help function
- ✓ Arterial pressure, Venous pressure, Pre-filter pressure and Transmembrane pressure (TMP) monitoring.
- ✓ Both visual and audible alarms. Instruction giving on the display for responding abnormal conditions should be provided.
- ✓ Built-in integrated heaters or warmers separate for dialysate and substitution solution.
- ✓ 4 independent high precision robust scales with loading capacity of 10 Liter or' more for each scale.
- ✓ Emergency operation with built-in back-up battery for atleast 15 minutes
- Flow rates:
  - Blood Flow: 10 ~ 450 ml/min or higher with increment of 10 ml/hr
  - Dialysate Flow: 600 ~ 4800 ml/hr or better with increment of 50 ml/hr
  - Substituate Flow: 600 ~ 8000 ml/hr or better with increment of 50 ml/hr
  - Ultrafiltration Rate: 0 ~ 1800 ml/hr with increment of 10 ml/hr

- ✓ Integrated safety devices including Air-Detector and Optical Detector
- ✓ 4 pumps for standard therapies and 1 pump for Citrate and Calcium infusion.
- ✓ Integrated Heparin Pump with Continuous flow of 0.1 to 20 ml/hr and bolus function of 0.1 to 5 ml/ bolus
- ✓ Integrated Citrate-Calcium (CiCa) Anticoagulation pumps for citrate anticoagulation
- ✓ Citrate dose: 2.0-6.0mmol/L blood
- ✓ Calcium dose: 0-3.0 mmol/L filtrate
- ✓ Availability of Bicarbonate buffered solution with different potassium concentrations
- ✓ Availability of calcium free dialysate solution and Sodium Citrate solution for Citrate anticoagulation
- ✓ Machine should capable for Paeds CRRT with extracorporeal blood volume of less than 75 ml
- ✓ The individual kits for TPE (plasma exchange) and Calcium Citrate should be available.
- ✓ Single kit or multiple kit for CVVH, CVVHD, CVVHDF, CVVHD and Calcium Citrate CVVHDF treatments should be available.

Only the latest model should be quoted

Accessories:

- All standard accessories with servo motor voltage stabilizer
- 5x Kit along with 10 solution bags should also be provided.

Power:
220Vac
Optional (must be quoted):

Rates for Kits and solution bags must also be quoted separately

Warranty: 5years with parts including all accessories
At least 1 certificates is mandatory

4. US FDA
5. CE(MDD)
6. JIS/MHLW

3. FULL HD BRONCHCOVIDEO SYSTEM

HIGH-DEFINITION VIDEO SYSTEM FULL HD (1920X1080)

Only the Latest model should be quoted

High-Definition video having following features:
HD-SDI & DVI outputs
HD Image Quality with 1920 x 1080 Resolution
White balance adjustment is using the white balance button on the front panel/auto white balancing
Automatic gain control
Freeze screen display
45 or more patient data can be registered & Up to 20 user settings can be registered
Image enhancement techniques (NBI/ISCAN/FICE)
Picture-in-picture, Portable memory compatible
Programmable functions through endoscopes switches
16:9/16:10 output for a HDTV/ FULL HD monitor
Color tone adjustment • Red: ±8 steps • Blue: ±8 steps • Chroma: ±8 steps
Three contrast modes Low/ Normal/ High
Keyboard for data handling
DV output to compatible documentation devices
The freeze function selects the clearest still image automatically, saving time
Waterproof or fully immersible

XENON/LED LIGHT SOURCE 300 WATTS

Separate advanced 300W Xenon light source for Video scopes

Average lamp life: 500 hours
Emergency lamp: Halogen lamp (within mirror)/led
Automatic brightness adjustment
High intensity mode
Air Pump
Monitoring of lamp usage
NBI, ISCAN, FIC
Automatic control, Iris & Average peak with advance light filters & high intensity light bands

for visual enhancement and differentiation of vessels and capillaries, method Examination lamp: Xenon short-arc lamp (ozone-free) 300 W

LCD HIGH-DEFINITION COLOR MONIOTOR 26"
Wall mounted for teaching
Aspect ratio 16:09/16:10
LCD Panel type: a-Si TFT Active-Matrix LCD
Resolution: Full HD
Colors: Approx. 16.7 million colors
DVI-D INPUT: DVI-D (X 2) TMDS single link
SDI INPUT: BNC (X2) 3G/HD/SD-SDI
Composite Input: BNC (X1)
DVI-D Output: DVI-D (X1)
SDI Output: BNC (X1)

WORKSTATION FOR ENDOBRONCHOSCOPY (Local/imported)
Trolley based workstation and printer with the latest OEM Provided software
Swivel arm for monitor
Electrical wiring with sockets & Base Unit isolation transformer
Sliding Keyboard Tray
Placement provision of printer

DISINFECTOR
LOCAL AUTO DISINFECTOR
Fully automatic, for all flexible endoscopes, Leakage test facility incorporated
BRONCHO VIDEOSCOPE (ADULT):(FULL HD 1920×1080) FULL HD
NBI (Narrow Band Imaging, ISCAN, FIC)
Electronic magnification
Waterproof One-touch Connector
Ergonomic scope cable direction
Field of view: 120°
Depth of field: 3-100mm
Insertion Tube O.D: **6.4 mm or better**
Working Length: 600 mm
Channel inner diameter: 2.8 mm
Direction of view: Forward Viewing
Distal End O.D: 6.2 mm
Angulation range: Up 180° Down 130°

Angulation range: Up 180°
Electro-cautery instrument compatibility: Yes
Laser compatibility Nd: YAG, 810 nm diode

BRONCHO VIDEOSCOPE(PEADS)
Ultra slim design videoscope

Wider angulation range
Easier approach to support lobe bronchi
Field of view: 110°or better
Depth of field: 3-50 mm or better
Insertion Tube O.D: 5.1 mm or better
Working Length: 600 mm
Channel inner diameter: 2.0 mm or better
Direction of view: Forward Viewing
Distal End O.D: 4.3 mm or better
Angulation range: Up 210° Down 130°
Insertion tube rotation function
Electro-cautery instrument compatibility: Yes
Image enhancement technology (NBI, ISCAN, FIC)

Accessories:

- All standard accessories with servo motor voltage stabilizer

Power:
220Vac

Warranty: 5years with parts including all accessories
At least 2 certificates are mandatory

1. US FDA
2. CE(MDD)
3. JIS/MHLW

1. Bid Form and Price Schedules

Date:_____
IFB No:_____

To:

Hospital Director,
Peshawar Institute of Cardiology,
Medical Teaching Institution,
Peshawar.

Sir,

Having examined the bidding documents including Addenda Nos. [insert numbers], the receipt of which is hereby duly acknowledged, we, the undersigned, offer to supply and deliver [description of goods and services] in conformity with the said bidding documents for the sum of [total bid amount in words and figures] or such other sums as may be ascertained in accordance with the Schedule of Prices attached herewith and made part of this Bid.

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

If our Bid is accepted, we will obtain the guarantee of a bank in a sum equivalent to _____ percent of the Contract Price for the due performance of the Contract, in the form prescribed by the Procuring agency.

We agree to abide by this Bid for a period of [number] days from the date fixed for Bid opening under Clause 22 of the Instructions to Bidders, and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

Until a formal Contract is prepared and executed, this Bid, together with your written acceptance thereof and your notification of award, shall constitute a binding Contract between us.

Commissions or gratuities, if any, paid or to be paid by us to agents relating to this Bid, and to contract execution if we are awarded the contract, are listed below:

Name and address of agent	Amount and Currency	Purpose of Commission or gratuity

(if none, state “none”)

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

Price Schedule in Pak. Rupees

Name of Bidder_____ IFB Number_____ Page of_____

1	2	3	4	5	6	7
Item	Description	Country of Origin	Quantity	Unit price DDP named place	Total DDP per item	Unit price of Delivered duty paid (DDP) to final destination plus price of other incidental services if required[3]

Signature of Bidder _____

Note: In case of discrepancy between unit price and total, the unit price shall prevail.

2. Bid Security Form

Whereas [name of the Bidder] (hereinafter called "the Bidder") has submitted its bid dated [date of submission of bid] for the supply of [name and/or description of the goods] (hereinafter called "the Bid").

KNOW ALL PEOPLE by these presents that WE [name of bank] of [name of country], having our registered office at [address of bank] (hereinafter called "the Bank"), are bound unto [name of Procuring agency] (hereinafter called "the Procuring agency") in the sum of for which payment well and truly to be made to the said Procuring agency, the Bank binds itself, its successors, and assigns by these presents. Sealed with the Common Seal of the said Bank this _____ day of _____ 20____.

THE CONDITIONS of this obligation are:

1. If the Bidder withdraws its Bid during the period of bid validity specified by the Bidder on the Bid Form; or

2. If the Bidder, having been notified of the acceptance of its Bid by the Procuring agency during the period of bid validity:

   a. fails or refuses to execute the Contract Form, if required; or
   b. fails or refuses to furnish the performance security, in accordance with the Instructions to Bidders;

We undertake to pay to the Procuring agency up to the above amount upon receipt of its first written demand, without the Procuring agency having to substantiate its demand, provided that in its demand the Procuring agency will note that the amount claimed by it is due to it, owing to the occurrence of one or both of the two conditions, specifying the occurred condition or conditions.

This guarantee will remain in force up to and including twenty eight (28) days after the period of bid validity, and any demand in respect thereof should reach the Bank not later than the above date.

_____

[signature of the bank]

3. AGREEMENT DEED

FOR PROCUREMENT, INSTALLATION & MAINTENANCE OF EQUIPMENT

THIS AGREEMENT DEED is made on this day st day of September in the year 2021 by and between;

Peshawar Institute of Cardiology, **Medical Teaching Institute, Peshawar**
situated at Phase-V, Hayatabad, Peshawar
through its Hospital Director
(hereinafter referred to as **'First Party'** which expression shall unless repugnant to the context mean and include its heirs, executors, administrators, successors and assigns)
And

M/s **[Mention Second Party]**
(hereinafter referred to as **'Second Party'** which expression shall unless repugnant to the context mean and include its heirs, executors, administrators, successors and assigns).

(both the above hereinafter collectively referred to as **'Parties')**

WHEREAS the Second Party has agreed to supply **[Mention Goods]** (hereinafter referred as 'Equipment') out of the fresh stock to the First Party on the following terms and conditions:

DEFINITIONS:

a. **'Consideration'** means the price payable to the Second Party by the First Party under this Agreement Deed for the full and proper performance of its contractual obligations.

b. **'Equipment'** means all of the equipment, machinery, and/or other materials which the Second Party is required to supply to the First Party under this Agreement Deed.

c. **'Services'** means those services ancillary to the supply of the Equipment, such as transportation and insurance, and any other incidental services, such as installation, commissioning, provision of technical assistance, training, and other such obligations of the Second Party.

d. **'Project Site'** where applicable, means the place or places named in this Agreement Deed.

e. **'Day'** means a calendar day.

f. **'Corrupt Practice'** means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution.

g. **'Fraudulent Practice'** means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the

Borrower, and includes collusive practice among Bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the Borrower of the benefits of free and open competition.

h. **'Force Majeure'** means an event beyond the control of the Parties and not involving the Parties fault or negligence and not foreseeable. Such events may include, but are not restricted to, acts of the First Party in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.

TERMS AND CONDITIONS:

1. Second Party shall deliver and install the Equipment at the premises and precincts of Peshawar Institute of Cardiology on CNF basis.

2. The specification, quality, quantity of goods shall be in conformity to purchase order, which shall be made part of this Agreement Deed. The Second Party shall include the ancillary Services attached with the Equipment.

3. The Equipment supplied under this Agreement Deed shall conform to the standards mentioned in the Technical Specifications, and, when no applicable standard is mentioned, it shall conform to the authoritative standards appropriate to the Equipment's country of origin. Such standards shall be the latest issued by the concerned institution.

4. The Second Party shall be required to provide any or all of the following services, including additional services, if any, specified in contract:

    i. performance or supervision of on-site assembly and/or start-up of the supplied Equipment;

    ii. furnishing of tools required for assembly and / or maintenance of the supplied Equipment;

    iii. furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied Equipment;

    iv. performance or supervision or maintenance and/or repair of the supplied Equipment, for a period of time indicated in purchase order, provided that this service shall not relieve the Second Party of any warranty obligations under this Agreement Deed; and

    v. Training of the First Party's personnel, at the Second Party's plant and/or on-site, in assembly, start-up, operation, maintenance, and/or repair of the supplied Goods.

5. The Second Party will be liable to complete the supply within stipulated time limit i.e. 90 days after the confirmation of LC from the respective manufacturer of the Equipment.

6. The Second Party will liable to complete the supply within stipulated time limit by confirming quality, quantity and timeline up to the entire satisfaction of First Party.

7. The Second Party warrants that the Equipment supplied under this Agreement Deed are brand new, unused, of the most recent or current models and that they incorporate all recent improvements in design and materials unless provided otherwise in this Agreement Deed. The Second Party further warrants that all Equipment supplied under this Agreement Deed shall have no defect, arising from design, materials, or workmanship (except when the design and/or material is required by the First Party specifications) or from any act or omission of the Second party, that may develop under normal use of the supplied Equipment in the conditions prevailing in the country of First Party.

8. The First Party shall promptly notify the Second Party in writing of any claims arising under this warranty.

9. The First Party, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the Second party, may terminate this Agreement Deed in whole or in part:

   a. if the Second Party fails to deliver any or all of the Equipment within the period(s) specified in this Agreement Deed, or within any extension thereof granted by the First Party; or

   b. if the Second Party fails to perform any other obligation(s) under this Agreement Deed.

   c. if the Second Party, in the judgment of the First Party has engaged in corrupt or fraudulent practices in competing for or in executing this Agreement Deed.

10. In case the Second Party failed to complete the supply till the due date i.e. 90 days from confirmation of LC from the respective manufacturer of the Equipment, a penalty as per detail below will be charged from the Second Party;

   i. Penalty @ 2% for late supply up to 15 days.
   ii. Penalty @ 5% for late supply after 15 days up to 30 days.
   iii. Penalty @ 07 % for late supply beyond 30 days

Once the maximum is reached, the First Party may consider termination of the contract.

11. The Second Party shall be responsible for the transportation of the Equipment and the transportation charges incurred thereof. The Second Party shall complete the

supply and installation of goods within the stipulated period as mentioned in the supply order (Imported Items) from the date of execution of this agreement or as extended or reduced by the First Party. In case of failure of Second Party to supply the goods within the stipulated period, the First Party will be at liberty to make an alternate arrangement at the risk and cost of Second Party and the Second Party shall be liable to pay the entire cost/amount to the alternate supplier according to the demand of the First Party. In the event of commuting a default the First Party will be at liberty to take any civil/criminal legal action against the Second Party in accordance with law. A fine up to ten percent (10%) of the Consideration shall also be inflicted against the Second Party.

12. The Second Party shall be responsible for any defect in goods or supply of goods. The entire goods will be free of any charges and encumbrance of what so nature and the First Party or its agent will be authorized at all reasonable time to view, check and examine the conditions of the supplied Equipment.

13. Upon demand made by the First Party at any time or from time to time, to execute all such instruments, deeds or documents which the First Party may in its sole discretion require, the Second Party will do the needful.

14. The First Party will be furnishing all such information as the Second Party may at any time or from time to time required relating to the position of goods and pecuniary liability of the First Party or otherwise whatever.

15. The Second Party shall not, without the prior written consent of First party, disclose this Agreement Deed, or any provision thereof, or any specification, plan, drawing, pattern, sample, or information furnished by or on behalf of the First Party in connection therewith, to any person other than a person employed by the Second Party in the performance of this Agreement Deed. Disclosure to any such employed person shall be made in confidence and shall extend only as far as may be necessary for purposes of such performance.

16. The Second Party shall provide such packing of the Equipment as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the Agreement Deed. The packing shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit, and open storage. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the Equipment's final destination and the absence of heavy handling facilities at all points in transit.

17. The packing, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Agreement Deed, including additional requirements, if any, and in any subsequent instructions ordered by the First Party.

18. The First Party will be at liberty, at all times and shall have the right to return the Equipment, provided/delivered by the Second Party with regard to quality, quantity, value or otherwise fitness for use. Notwithstanding anything contained hereinabove, it is hereby agreed by both Parties that the First Party at all times be at liberty and shall have the right to cancel or reduce the quantity, without assigning any reason.

19. The Second Party shall be bound under this Agreement Deed to provide the warranty, maintenance and services of Equipment which must be seven (----) years with spare parts including accessories from the date of installation. The Second Party shall be bound to keep available the spare parts for 10 years.

20. Post warranty shall be ------ % of the contract value per year, for maintenance contract, including service and parts.

21. The Second Party shall deposit an amount of **10%** of the Consideration as service security, which will be refundable after expiry of the period of warranty/guarantee and services after necessary adjustments.

22. The Second Party shall not be liable for forfeiture of its performance security, liquidated damages, or termination for default if and to the extent that its delay in performance or other failure to perform its obligations under this Agreement Deed is the result of an event of Force Majeure.

    If a Force Majeure situation arises, the Second Party shall promptly notify the First Party in writing of such condition and the cause thereof. Unless otherwise directed by the First Party in writing, the second Party shall continue to perform its obligations under this Agreement Deed as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

23. Any notice given by one party to the other pursuant to this Agreement Deed shall be sent to the other party in writing or by cable, telex, or facsimile and confirmed in writing to the other party's address specified in contract.

24. A notice shall be effective when dispatched on the given address of the Parties in this Agreement Deed via above means.

25. Payment to the Second Party shall be on presenting a bill in the shape of summary duly verified by Finance Department. The bill shall be counter verified from the end using department before clearance. Demand in violation of this clause of agreement may lead to imposition of reasonable amount of fine.

26. The Equipment shall be open to inspection at all times during the agreement period. The inspection of Equipment shall be carried out by a representative from purchase, legal, quality control, finance or end using department.

27. Besides the above conditions the Second Party shall be bound to fulfill the defacing if found at any time and for the purpose shall be ready to sign and execute a fresh agreement if needed.

28. Each Clause of this Agreement Deed shall be and remain separate from and independent of and severable from all and any other Clauses herein except where otherwise indicated by the context of this Agreement Deed. The decision or declaration that one or more of the Clauses are null and void shall have no effect on the remaining Clauses of this Agreement Deed.

29. In the event of any difference or dispute arising between the Parties or their representative agents regarding rights and liabilities of the parties or any other matter relating to this Agreement Deed may be referred to the Board of Governors of the First Party and their decision will be final in all aspects and the Second Party warrants to abide by the decision of the Board of Governors of the First Party and will be bound by the decisions.

30. This Agreement Deed may be reviewed at any stage with mutual consultation of both Parties, if required. All amendments or addition to this Agreement Deed must be in writing and signed by both Parties through addendum to this Agreement**.** No amendment of any provision of this Agreement Deed shall be valid unless the same shall be in writing and signed by the Parties

31. The validity, interpretation, construction and performance of this Agreement Deed shall be governed by the Laws of Khyber Pakhtunkhwa in Pakistan. This Agreement Deed shall be interpreted with all necessary changes in gender and in number as the context may require and shall convey to the benefit of and be binding upon the respective successors and assigns of the parties hereto.

IN WITNESS WHEREOF the Parties mentioned above have carefully pursued the terms and condition embodied in this Agreement Deed and have executed the same, setting their signatures below, on the date and place mentioned above.

4. Performance Security Form

To: [name of Procuring agency]

WHEREAS [name of Supplier] (hereinafter called "the Supplier") has undertaken, in pursuance of Contract No. [reference number of the contract] dated _____ 20_____ to supply [description of goods and services] (hereinafter called "the Contract").

AND WHEREAS it has been stipulated by you in the said Contract that the Supplier shall furnish you with a bank guarantee by a reputable bank for the sum specified therein as security for compliance with the Supplier's performance obligations in accordance with the Contract.

AND WHEREAS we have agreed to give the Supplier a guarantee:

THEREFORE WE hereby affirm that we are Guarantors and responsible to you, on behalf of the Supplier, up to a total of [amount of the guarantee in words and figures], and we undertake to pay you, upon your first written demand declaring the Supplier to be in default under the Contract and without cavil or argument, any sum or sums within the limits of [amount of guarantee] as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

This guarantee is valid until the _____ day of _____20_____.

Signature and seal of the Guarantors

[name of bank or financial institution]

[Address]

[date]

5. Bank Guarantee for Advance Payment

To: [name of Procuring agency]

[name of Contract]

Gentlemen and/or Ladies:

In accordance with the payment provision included in the Special Conditions of Contract, which amends Clause 16 of the General Conditions of Contract to provide for advance payment, [name and address of Supplier] (hereinafter called "the Supplier") shall deposit with the Procuring agency a bank guarantee to guarantee its proper and faithful performance under the said Clause of the Contract in an amount of [amount of guarantee in figures and words].

We, the [bank or financial institution], as instructed by the Supplier, agree unconditionally and irrevocably to guarantee as primary obligator and not as surety merely, the payment to the Procuring agency on its first demand without whatsoever right of objection on our part and without its first claim to the Supplier, in the amount not exceeding [amount of guarantee in figures and words].

We further agree that no change or addition to or other modification of the terms of the Contract to be performed thereunder or of any of the Contract documents which may be made between the Procuring agency and the Supplier, shall in any way release us from any liability under this guarantee, and we hereby waive notice of any such change, addition, or modification.

This guarantee shall remain valid and in full effect from the date of the advance payment received by the Supplier under the Contract until [date].

Yours truly,

Signature and seal of the Guarantors

[name of bank or financial institution]

[Address]

[date]

6. INTEGRITY PACT

DECLARATION OF FEES, COMMISSION AND BROKERAGE ETC. PAYABLE BY THE SUPPLIERS OF GOODS, SERVICES & WORKS IN CONTRACTS WORTH RS. 10.00 MILLION OR MORE

Contract No._____ Dated _____Contract Value: [To be filled in at the time of signing of Contract] Contract Title: _____

[name of Supplier] 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 Khyber Pakhtunkhwa (GoKP) or any administrative subdivision or agency thereof or any other entity owned or controlled by GoKP through any corrupt business practice.

Without limiting the generality of the foregoing, [name of Supplier] 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 from GoKP, except that which has been expressly declared pursuant hereto.

[name of Supplier] 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 GoKP and has not taken any action or will not take any action to circumvent the above declaration, representation or warranty.

[name of Supplier] 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 rights and remedies available to GoKP under any law, contract or other instrument, be voidable at the option of GoKP.

Notwithstanding any rights and remedies exercised by GoKP in this regard, [name of Supplier] agrees to indemnify GoKP for any loss or damage incurred by it on account of its corrupt business practices and further pay compensation to GoKP in an amount equivalent to ten time the sum of any commission, gratification, bribe, finder's fee or kickback given by [name of Supplier] 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 GoKP.

Name of Buyer: …… Name of Seller/Supplier: ……

Signature: ……[Seal] Signature: ……{Seal]

The bidders will quote the technical bids on the format/ Form given below.
Technical Bid Quotation (Form):

S.No in SBD	
Name of the Equipment	
Make	
Model	
Country of origin.	
Vis-à-vis (mandatory)	
Hospital Specification	**Quoted Specification of the firm**