



**KHYBER COLLEGE OF DENTISTRY
MEDICAL TEACHING INSTITUTION**

STANDARD BIDDING DOCUMENTS

FOR

**THE ESTABLISHMENT OF DEPARTMENTAL STERILIZATION UNITS &
REVAMPING OF OPERATION THEATRE
(TURNKEY PROJECT)**

**THROUGH
E-PADS (E-Pak Acquisition & Disposal System)**

Sr#	Name of item	Bid Security	Tender Process
1	Establishment of Departmental Sterilization Units, Laundry, Revamping of Operation Theatres and Medical Gases System (Turnkey Project)	03 % of total bid value	Single Stage Two Envelope

(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.

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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 Khyber College of Dentistry (www.kcd.edu.pk) and on E-PAK Acquisition & Disposal System (EPADS) 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 E-BIDS Via EPADS

1. Khyber College of Dentistry (KCD-MTI) invites Bids through EPADS (E-Pak Acquisition & Disposal System) from eligible bidder registered with FBR for Income Tax, Sales Tax and reflected on Active Tax Payer (ATL) list of FBR, as well as registered with EPADS, for the Below mentioned Item. Detailed of items, specification, submission, Opening and method of evaluation is provided in bidding documents. Following Bid Security/earnest money is required to be submitted from schedule bank of Pakistan in favour Dean Khyber College of Dentistry.

Sr#	Name of item	Bid Security	Tender Process
1	Establishment of Departmental Sterilization Units & Laundry and Revamping of Operation Theatres and Medical Gases System (Turnkey Basis)	03 % of total bid value	Single Stage Two Envelope

2. A complete set of Bid Solicitation Document can be downloaded by interested Bidder from EPADS (<https://kp.eprocure.gov.pk>), after publication of this advertisement in the newspaper till last day for submission of Bid.
3. A Pre-Bid Meeting will be held on **Aug 18th, 2026 at 10:00 AM (PST) in the Committee Room** Khyber College of Dentistry (KCD-MTI). Prospective Bidders are encouraged to attend the meeting.
4. Interested bidders shall submit bid(s) by uploading scan copy of bid(s) on EPADS on or before **Sep 3rd, 2026 till 11:00 AM (PST)**. The bidders shall upload all relevant/mandatory document on EPADS.
5. Electronic Bids shall be opened on the **same day at 11:30 AM (PST)**
6. The Scan copy of the bid security must be attached with Bids on EPAD.
7. The Original CDR/ Bid Security must be submitted to the office of the Assistant Manager Procurement, Khyber College of Dentistry (KCD-MTI) on or before **Sep 3rd, 2026 till 11:00 AM (PST)**. If the original Bid Security does not reach the aforementioned office by the closing date & Time, the bid will be rejected.
8. Income Tax, stamp duty, Professional Tax and KPRA or any other Government tax will be charged as per rules. (However, KCD-MTI, Peshawar is exempted from the General Sales Tax).
9. Procurements will be carried out as per Act and Rules of Khyber Pakhtunkhwa Public Procurement Regulatory Authority (KP-PPRA).
10. The Bid accompanied by Pay Order (PO) shall be rejected.
11. Bids received through by hand/Post/Courier; E-mail / Fax shall NOT be accepted.

12. Interested bidders who wants to participate in the tender process shall registered themselves with the EPADS for gaining their unique user's name and password
13. The advertisement is also available on the websites of Khyber College of Dentistry (KCD-MTI) (<https://kcd.edu.pk/tenders>) and KP-PPRA (<http://kppra.gov.pk>)
14. Khyber College of Dentistry (KCD-MTI) reserves the right to cancel any or all E-bids by assigning cogent reason under Rule 47 Khyber Pakhtunkhwa public procurement Regulatory Authority.

Dean
Khyber College of Dentistry (KCD-MTI)

Section II. Bid Data Sheet

DATA SHEET		
Reference ITB	Introduction/Description	Khyber College of Dentistry is planning to establish Departmental Sterilization Units in all clinical and relevant departments of the institution in order to improve infection control practices ensure standardized sterilization procedures, and enhance the overall quality of patient care and academic training.
ITB 1.1	Name of Procuring Agency of Government of Khyber Pakhtunkhwa.	Khyber College of Dentistry, 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 Khyber College of Dentistry.
ITB 1.1	Name of Project.	Establishment of Departmental Sterilization Units, Laundry, Revamping of Operation Theatres and Medical Gases System (Turnkey Project)
ITB 1.1	Name of Contract.	Establishment of Departmental Sterilization Units, Laundry, Revamping of Operation Theatres and Medical Gases System (Turnkey Project)
ITB 4.1	Name of Procuring agency.	Khyber College of Dentistry, Medical Teaching Institution Peshawar.
ITB 6.1	Procuring agency's address, telephone, telex, and facsimile numbers.	Khyber College of Dentistry - MTI
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 rates (Included all applicable taxes except GST.) Including, Transportation, Loading Unloading etc.
ITB 11.4	The Price shall be fixed	The quoted prices shall be firm and fixed and not subject to any adjustment during performance of the contract.
PREPARATION AND SUBMISSION OF BIDS		
ITB 13.3 (d)	Qualification requirements.	Manufacturer / Manufacturer Authorized distributor in Pakistan.

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.	The Bid security shall be 03 % from bank account of the bidder from schedule bank of Pakistan excluding micro finance bank. Ordinary cheque and Payment Order (PO) and bid security from Micro Finance Bank will result in bid rejection summarily. Bid Security of the unsuccessful bidders shall be released as promptly as possible upon the successful Bidder's furnishing of the performance security; a. The bid security of successful bidder shall be returned once the successful bidder has signed the contract agreement and furnished the required performance security; b. The Bid security shall be forfeited: • If a bidder withdraws his bid during the period of bid validity; or • If a bidder doesn't accept the correction of his Bid Price; or • In the case of a successful bidder, if he fails to: • Furnish the Performance security in accordance with ITB 15.2 and SCC clause 7.1; • Sign the contract agreement
	Performance Security	The amount of performance security, as a percentage of the Contract Price, shall be 10% i.e. However, the Standard bid security @ 3 percent of the bid value as elaborated in ITB Clause 15.1, of this document, from the successful bidders, as received at the time of bids submission, shall be retained by the Procurement Cell as Bid Security and will be released back to successful bidders after receipt of 10% performance security and will be retained by procuring entity till completion of warranty period.
ITB 16.1	Bid validity period.	One hundred twenty (120) days In exceptional circumstances, KCD may solicit the Bidder's consent to an extension of the period of validity reasons shall be recorded in writing. The request and the responses there to shall be made in writing. The Bid Security provided shall also be suitably extended. A Bidder may refuse the request without forfeiting its bid Security. A Bidder granting the request will not be required

		nor permitted to modify its bid, except as provided in the bidding document.
ITB 17.1	Number of copies.	Interested bidders shall submit bid by uploading scan copy of bid on EPADS on or before the closing date and time. The bidders shall upload all relevant/mandatory document on EPADS.
ITB 18.2 (a)	Address for bid submission.	E-Pak Acquisition & Disposal System (EPADS) by using link https://kp.eprocure.gov.pk
ITB 18.2 (b)	Address for Submission of Original Bid Security	Office of the Assistant Manager Purchase, Khyber College of Dentistry (KCDMTI).
ITB 18.2 (c)	IFB title and number.	Establishment of Departmental Sterilization Units, Laundry, Revamping of Operation Theatres and Medical Gases System (Turnkey Project)
ITB 18.2 (d)	Clarification Date & Time	Prospective bidders Bidder may seek clarifications through EPADS regarding the Tender till August 17 th , 2026 at 10.00 hours
ITB 19.1	Pre-Bid meeting with the bidders	Aug 18th, 2026 at 10:00 am in the office of Assistant Manager Procurement, Khyber College of Dentistry KCD-MTI
ITB 19.2	Deadline for bid submission on EPADS.	September 3rd, 2026 11:00 hours Sharp.
ITB 22.1	Date, Time and place for bid opening through EPADS.	September 3rd, 2026 at 11:30 AM. in the office of Assistant Manager Procurement, Khyber College of Dentistry KCD-MTI
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 procurement will be carried as per KP-PPRA act 2012 section 02 (c) and amendment rules dated 17-08-2022 rules 06 (b) where the best evaluated responsive bid shall be considered for award of contract The bidder ranked highest in merit points (obtained through and based on technical and financial evaluation).
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.

	Award Of Contract:	Contracts shall be confirmed through a written agreement signed between successful bidder and the Khyber College of Dentistry MTI Peshawar attached as “Annex-B”.
	Signing of the Contract Agreement	The successful bidder shall receive an invitation in form of Letter of Award from Khyber College of Dentistry KCD-MTI with the aim to sign an Agreement for Required items as defined. The successful bidder within Fourteen days (14) days of receipt of Letter of Award will sign the agreement.
DELIVERY AND DOCUMENTS		
	Applicable Delivery Mode: Delivered Duty Paid (DDP) as per contract agreement of the Successful bidder with the Procuring Agency. The delivery, loading/unloading/port charges/any duty or any other charges and installation will be responsibility of bidder. No charges will be paid additionally in case of penalty or any other charges.	

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.

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: Khyber College of Dentistry Medical Teaching Institution Peshawar
	1.1 h	The Procuring agency's country is: Pakistan
	1.1 i	The Supplier is: i. Manufacturer/Authorized distributor 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. Authorized distributor of Medical Equipment/ Machinery, Instruments & Medical Devices in Pakistan.
	1.1 j	The Project Site is: Khyber College of Dentistry
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	a. The Supplier shall, within 14 days of receipt of Award Letter/purchase order, provide a Performance Security for the due performance of the Contract to the amount of ten (10%) of contract price in shape of CDR or Bank Guarantee, at the option of bidder, in the name of Dean Khyber College of Dentistry KCD MTI from schedule bank of Pakistan; b. Failure of the successful Bidder to submit the requisite performance security or to sign the contract agreement shall constitute sufficient grounds for the annulment of the award and forfeiture of the bid security. In that event, the Client may award the contract to the next best evaluated bidder whose offer is substantially responsive.
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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 Khyber College of Dentistry 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 Contract Agreement with Procuring Agency. • 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.

	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: - 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 - 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.
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	15.4 15.5	The period for correction of defects in the free warranty period is Five years after installation with free parts and free services, including all incidental charges
Maintenance and calibration		The bidder must perform Preventive maintenance according to given schedule, moreover equipment must be calibrated according to OEM recommendation.
16. PAYMENT	16.1	Method and conditions of payment to be made to the bidder under this Contract shall be as follows: 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. Payment will be made 100% upon successful completion of installation however, Performance Security shall not be released till the warranty period.
17. PRICES	17.1	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 as per rule 47 of KPPRA. iii. In case of single bid after technical evaluation, the procuring agency may carry out the market analysis before issuing a letter of Award 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		If any conflict arises between the parties, the matter will refer to the Committee Comprising of both parties' equal members to conduct inquiry. If the nominated representatives are unable to resolve the Dispute to the satisfaction of the Parties, then the matter will be referred to the Management Committee (MC) of KCD-MTI. 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 contract 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).
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. The Factories Act 1934

31. NOTICES	31.1	Procuring Agency address for notice purposes: Dean Khyber College of Dentistry, University Campus University of Peshawar, University Rd, Rahat Abad, Peshawar, 25000 Phone : (091) 9221393 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, bid security 03% of the bid value 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/ Manufacturer's Authorized Distributors for procurement of quoted Equipment.
3. All certifications (i.e Manufacturer authorization, ISOs, CE MDD, USFDA, 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 considered.
4. Non-Provision of mandatory documents mention in these SBDs shall lead to disqualification of the firm / quoted items.
5. Sub-contracting & sub distribution is not allowed.
6. The supplier shall carry out the services/Supplies with due diligence and efficiency and in conformity with sound practices.
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 supplier shall act at all times so as to protect the interests of the KCD-MTI and shall take all reasonable steps to keep all expenses to a minimum consistent with sound

economic and other practices. The supplier shall furnish the KCD-MTI such information relating to the Services as the Client may from time-to-time reasonably request.

9. 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.
10. Except with the prior written approval of the KCD-MTI, the supplier shall not assign or transfer the Agreement for Goods or any part thereof nor engage any other independent supplier or sub-contractor to perform any part of the services/Goods without prior consent of the service providers
11. The supplier agrees that no proprietary and confidential information received by the supplier from the KCD-MTI shall be disclosed to a third party unless the supplier receives a written permission from the KCD-MTI to do so.
- a. Procuring entity may take any of the following actions if after the placement of the Purchase Order the supplier fails to deliver the goods within the prescribed period, according to the specifications, quantities and other terms and conditions given in the Purchase Order/Contract agreement: -
 - i. Purchase from any other source, at the risk and cost of the supplier, the goods not delivered or other goods of equivalent specifications, without canceling the Purchase Order/contract agreement;
 - ii. Cancel the Purchase Order/contract agreement at supplier's risk and cost. In such case, KCD-MTI reserves the right to take any action against supplier which it may deem fit under the circumstances including the blacklisting of the supplier;
12. or recover any consequential losses/damages incurred by procuring entity by withholding any or all amounts otherwise due to the supplier against this or any other Purchase Order/ Contract

13. Submission of Bids via EPADSs

- i. The Bidder shall submit their bid electronically through the KP-PRA E-Bidding System (EPADS) against the Tender Reference “Establishment of Departmental Sterilization Units, Laundry, Revamping of Operation Theatres and Medical Gases System (Turnkey Project)”
- ii. The bid must be uploaded in accordance with the instructions provided in the Bid Data Sheet, duly mentioning the Project name “Establishment of Departmental Sterilization Units, Laundry, Revamping of Operation Theatres and Medical Gases System (Turnkey Project) ”.
- iii. Bidders must ensure that all required documents are scanned and uploaded in PDF format (or as specified), and that the online submission is completed before the closing time mentioned in the Bid Data Sheet.
- iv. Any bid submitted in **hard form** (paper copy) shall not be accepted. Only bids submitted via EPADS will be considered for evaluation.
14. in case of defect or damage within the warranty period, the supplier must replace the instrument within 45 days from receipt of the notice.
15. 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.
16. In case of the Authorized Distributor, 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.

17. The bidder shall provide an undertaking that the bidder has not been declared black listed by any Governmental/ Semi-Governmental institutions.
18. 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
19. Different models/ prices offered for a single item by the same bidder shall be considered as alternate bid and shall be non-responsive.
20. All reservations in SBDs shall be submitted in writing in the pre-bid meeting by authorized person/representative of the firm.
21. The firm should quote the prices in PKR.

DELIVERY OF ITEMS.

- a. The schedule for supply of goods shall be as under:
 - i. Within 30 days from the date of issuance of supply order by the Purchasing Agency for items to be locally available
 - ii. Within 120 days from the date of issuance of supply order by the Purchasing Agency for items to be imported. (BL bill of lading should be attached)
- b. The Penalty on late supply of goods shall be charged as under
 - i. Penalty @2% For Late Supply within 15 Days from due date of delivery.
 - ii. Penalty @ 5% For Late Supply within 16-30 Days from due date of delivery.
 - iii. Penalty @ 10% For Late Supply beyond 30 Days from the due date of delivery.

Eligibility Criteria

1. Eligible bidder/Mandatory documents:

Bidders must give compliance to the below mentioned clauses as these are mandatory to being eligible for the bidding process. Relevant certificates must be attached.

S#	Mandatory Documents
1.	Manufacturer/ Manufacturer Exclusive Authorized Distributor for main equipment in Pakistan Valid Relevant Documents shall be attached (Sub distribution is not allowed)
2.	The firm/bidder will provide the warranty of the all the quoted items, Parts, Services & Accessories for the period of 5 years. (The Warranty Shall Be Provided on Manufacturer's Letter Head)
3.	The Bidder is not blacklisted from any provincial or federal public entity/department. Bidder shall provide an affidavit of such undertaking on judicial paper;
4.	Registered with FBR for Income Tax and Sales Tax and reflected on the Active Tax Payer List of FBR;
5.	Integrity pact form must be submitted by the bidder
6.	Bid Security as mentioned above.

**Evaluation Criteria for Procurement of ESTABLISHMENT OF DEPARTMENTAL
STERILIZATION UNITS**

Total Marks (Technical Criteria + Financial Criteria): TM: 80 + 20 =100

Technical Evaluation Marks: 100

Passing Marks: 64

Sr #	Parameters	Sub-parameters	Total
	Product Evaluation		Marks: 100
1	Compliance to Purchaser's Specifications		35
		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
		Country of Origin and Manufacturing US/ France/ Germany/ Italy/ Japan/ Canada/ UK/ Finland / Spain/ Sweden/ Belgium/ Italy/Netherlands	10
		Country of origin US/ France/ Germany/ Japan/ Italy/ Canada/ UK/ Finland / Spain /Sweden /Belgium/ Italy/ Netherlands but manufacturing facility is in other country	04
		Country of Origin or Manufacturing facility is in any other countries as listed above	02
2	Product Certification		10
	US FDA /US FDA Listing	Valid US Food and Drug Administration (FDA) 510K/ US FDA Listing for the quoted item	4
	CE(MDD) /EU MDR	Valid European Community (CE) MDD/EU MDR	4
	MHLW	Ministry of Health, Labour and Welfare of Japan	2
	One out of Three certifications are mandatory		
3	Product's / Manufacturer Global Performance Certificates		4

		Valid ISO 13485 Quality Management certificate	2
		Valid ISO 9001 Quality Management Certificate	2
4	Product's Local Performance		20
		Satisfactory performance report issued from any JCI/KTQ/ISO Accredited tertiary care teaching hospital in the country of manufacturing, having at-least 01 year of installation. A verifiable online email/official portal link shall be provided. (One certificate having 10 marks).	10
		If the hospital is not JCI accredited then at least 250 bedded MTI or Teaching Level Hospital certificate should preferably be for the same equipment with same or upgraded / previous model for which the marks are requested. In-case the equipment provided is not of the same make and model, the closest category with the quoted item shall attract marks. Minimum 250 Bedded Hospital, having atleast 03 years of installation. Each Certificate having 02 Marks. Maximum 05 Certificates. (2 x 5)	10
	Supply Order / Purchase Order / Installation reports / Delivery challan will not be considered as satisfactory performance certificate. The participated firm name and product details must be mentioned on the performance certificate. Each institute will be counted only once		

	Firm Evaluation		
5	Legal Requirement		10
		PKR 901 million and above	4
		PKR 701-900 Million	2
		PKR 501-700 Million	1
		Financial soundness of the bidder/firm. The marks will be allocated according to the last three years Audited Balance Sheet Duly attested by registered Chartered Accounting firm.	3
		Sales Tax (Last 36 months)	3
6	Technical Staff		13
		Diploma Engineer each carry 01 mark (Diploma must be attached)	2

		Graduate Bio-Medical / Electronics / Electrical Engineers (Registered Engineer with PEC) each engineers carries 02 marks (Degree must be attached)	4
		Graduate Engineers (Professional Engineer) Each Engineer carries 5 marks	5
		Manufacturer Trained Engineer in Pakistan on quoted Equipment. (Visa and certificates should be attached.) Note : Visa Exit and In date to Pakistan must match with certificate)	2
7	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. List of Major Components/parts of the Inventory Shall be readily available in the warehouse anywhere in Pakistan. The list of such spare parts duly verifiable through import documents and/or local warehouse logs shall be provided.	2
	Post warranty		04
		Post Warranty with Parts & Services Maintenance Percentage shall be provided as Mandatory, which will be applicable from the 4th year till 10th year. a. 0.1-1.99 % = 04 marks, b. 2-3.99 % = 03 marks, c. 4-5.99 % = 02 marks, d. 6-9.99% = 01 marks. e. 10%-15% = 00 marks. It is mandatory to mention Post Warranty even if it is more than 10%.	04
10	Pakistan Engineering Council	The PEC Registration of the firm shall be mandatory. Category ME-06	Mandatory
11	DRAP	Valid active Drug Regulatory Authority of Pakistan (DRAP)	Mandatory

Total Marks in Technical Criteria: 100
 Qualifying Percentage in Technical Criteria: 70%
 Qualifying Marks: 70

Financial Criteria (20 Marks):

S #	Parameters	Sub-Parameters	Total Marks: 20
	Price		20
		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 0.20	20

Total Marks (Technical Criteria + Financial Criteria): 100

The bidders achieving a minimum of 70 marks (i.e., 70%) out of 80 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 nonprice 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: 80
 Financial Score: 20

IMPORTANT NOTES - LOT STRUCTURE & TURNKEY RESPONSIBILITIES

1. Sections A, B, C, D, E and F constitute LOT-1. Each item shall be quoted separately with an individual financial rate; however, it is mandatory to quote all items under LOT-1 as one complete package.
2. Sections G and H constitute LOT-2. Each item shall be quoted separately with an individual financial rate; however, it is mandatory to quote all items under LOT-2 as one complete package.
3. The entire project shall be executed on a turnkey basis. All civil works, MEP (mechanical, electrical and plumbing) works, and the required air-conditioning works within the designated installation sites shall be the vendor's responsibility. Utilities, including electricity and water, shall be provided by the hospital up to the designated installation sites.

A. OPERATIVE + PERIODONTICS DEPARTMENT

S. #	Tendered Specifications	Qty.	UOM
1	CLEANING AND WASHING STATION (Local)	1	NOS
	Made entirely in stainless steel AISI 304, with double-wall doors containing fireproof sound-damping material.		
	Approx. 2000 x 700 x 900 mm (WxDxH), consisting of Stainless-Steel square meter Table Top 40-50 mm backsplash, made of Ni-chrome steel/SS sheet.		
	02 Nos. Sinks each 500/400/250 mm made of stainless steel with the provision of countertop; equipped with drain valve and stand pipe and with siphon trap.		
	02 Nos. of integrated Spray Guns for dematerialized water and air with 08 cleaning nozzles (Imported)		
2	ULTRASONIC CLEANER (Flush Mounted)	1	NOS
	Ultrasonic Cleaner integrated type (Flush Mounted),		
	Cleaning chamber constructed of corrosive resistant 304 SS.		
	Heating thermostatically controlled.		
	Digital display of time and temperature.		
	Control panel window should have degassed time setting, cleaning time from 0-99 min & temperature setting up to 70 OC.		
	The machine should have capacity to memorize 8-10 programs & Quick program function to start quickly.		
	Tank Capacity 22 Ltr or above.		
	System complete with basket, lid and other standard accessories.		
	Operation 220V, 50 Hz.		
	Country of Origin: USA/Europe/Japan		
3	WASHER DISINFECTOR & DRYING UNIT	1	NOS
	Microprocessor control, free standing type system for washing/disinfection/drying of dental instruments & hollow devices.		
	Loading capacity: Instruments for over 40 patients and up to 33 hollow body instruments		
	Automatic sieve recognition		
	water softening		
	Monitoring the rotation speed of the rinse arms for process safety.		

S. #	Tendered Specifications	Qty.	UOM
	Monitoring the rinsing pressure		
	Automatic conductivity measurement		
	display for operating status and acoustic signals		
	Washing chamber & spraying arms made of high quality stainless steel.		
	Must have high-performance circulation pump for higher cleaning outcomes & decontaminate up to 23 hand pieces and turbines per cycle or more.		
	Colored touch screen display 7" inch or better.		
	Temperature measurement by PT1000 class A		
	Memory capacity: cycles as well as malfunction protocols		
	CF card writer		
	Network interface RJ45 at front and rear side		
	Door must remain closed in case of power loss		
	Door is closed and monitored during cycle		
	Temperature sensor against overheating		
	Acoustic and visual alerts in case of malfunction		
	2 x dosing Pumps with flow meters.		
	The machine must have active drying system & Hepa Filter H13 or better.		
	The Unit should be in compliance.		
	EN 15883, 93/42 EEC, 97/23 EEC, EN 60601-1 -2; EMC, EN 61010-1 -2; Electrical safety		
	Power Requirement: 380 - 400V, 50 Hz.		
	Accessories with each machine:-		
	1 x Basket with injector rail		
	1 x Instrument Basket Standards		
	2 x Flex Baskets		
	1 x Insert Rack for hinged instruments & Impressions trays		
	1 x Small Parts Basket\		
	Country Of Origin: USA/Europe/Japan		
4	MEDIUM DUTY STEAM STERILIZER	2	NOS
	Microprocessor Controlled, Fully automatic horizontal standing/Floor unit, double door autoclave with fractionated pre vacuum.		
	Door opening/closing by motor		
	High quality door gasket		
	Built in Double Jacketed automatic flushing electric steam Generator.		
	Should have a very short cycle time.		
	Internal and external chamber made of high-quality stainless steel i.e. (AISI 316 TI or better).		
	High Quality Vacuum pump for deep drying.		

S. #	Tendered Specifications	Qty.	UOM
	Twin Chamber for efficient heat management with booster effect		
	Capacity: 100 Liter or more		
	Loading quantity for instruments: 32 kg or more		
	Loading quantity for textiles: 7 kg or more		
	Colored touch display 5 - 7" enables an intuitive operation as well as information & malfunctions.		
	Should have at least 5 Standard Sterilization programs of 121 OC & 134 OC & 3 Test programmes.		
	Measurement of Pressure & temperature highly precised PT1000 sensors.		
	Identification of personnel by PIN code		
	Fully automatic Motorized/Pneumatic door lock.		
	Automatic Water Quality Monitoring Sensor before each cycle.		
	Media Monitoring Sensor in case of low water pressure.		
	Visual and acoustic information on machine in case of any malfunction.		
	Build in thermal degasification system.		
	Independent Documentation system.		
	Should be able to store at least last 120 cycle data.		
	The Unit must have de gassing function.		
	Communication interface, LAN for connecting printer/computer system & built in CF Card for data log.		
	bar code labeling		
	Should Fully compliance according to DIN EN 285: 2009; EN 17665 and 93/42 EEC European Directive for Medical Devices.		
	Standard Accessories for each machine:-		
	1 x Mesh Wire Basket (1 STU)		
	2 x SS/Aluminum Trays for instruments.		
	Power supply: 3x380-416 V, 50 Hz,		
	Optional but mandatory to quote		
	Loading Cart	1	NOS
	Country Of Origin: USA/Europe/Japan		
5	PACKING TABLE (Local)	2	NOS
	Fixed Table height, AISI 304 stainless steel, lined stainless steel table top, 2 shelves, frame with integrated cable guides, 4 leveling feet, 2 standard schuko electrical connections, integrated LED lighting, work bench height 800 mm, table top thickness 45mm.		
	Hanging Cabinet with two drawers & illuminated magnifying Glass. Dimensions = 2000 x 1140 x 800 mm (width x height x depth).		
6	CLOSED TROLLEY TRANSPORT TROLLEY (Local)	4	NOS
	Closed sterile goods transport trolley made from stable, self-supporting body made from high-quality stainless steel, with vertical push handles.		
	Equipped with 2 height adjustable, solid shelves.		
	Double walled hinged doors opening angle and equipped standard		

S. #	Tendered Specifications	Qty.	UOM
	Circumferential door seals offer reliable protection against dust, and a circumferential guard at the bottom of the trolley protects against damage.		
	Easy to clean thanks to easily removable internal parts.		
	Trolley is portable with 2 swivel castors with brakes and 2 fixed castors, in zinc/chrome plated housings, Ø 160 mm. - External dimensions (W x H x D) : 965 x 1469 x 751 mm.		
7	POUCH SEALING MACHINE	2	NOS
	Microprocessor-controlled,		
	Complete Stainless-Steel Body/Painted steel		
	Temperature control: Microprocessor		
	Sealing speed: 10 m/min..		
	Welding Height: 12- 15 mm		
	Sealing temperature 0 - 200°C		
	Country Of Origin: Imported		
8	ROLL DISPENSER WITH WIDE CUTTER	1	NOS
	Holder for storing, trimming, and dispensing sterile goods packaging in the form of film rolls of various widths. Stainless steel.		
	Country Of Origin: Imported		
9	3 LINE LABELING GUN	1	NOS
	The labelling device with 3 printing lines and 12 digits each.		
	Country Of Origin: Imported		
10	STORING RACK (Local)	4	NOS
	High wire shelf, equipped with four shelves made of AISI-304 stainless steel wire. Its construction allows air circulation. - Dimensions: 1000 x 600 x 2000 mm. (length x width x height).		
11	OIL FREE AIR COMPRESSOR	1	NOS
	Compressor oil free, Noiseless, single stage, two cylinders with electric motor, pressure 8-10 bar, Capacity 175 Liter. OR as per same manufacturer recommendations		
	Country Of Origin: Imported		
12	INCUBATOR FOR SELF-CONTAINED BIOLOGICAL INDICATORS (Imported)	1	NOS
	The electronic dry bath incubator is used to incubate biological indicators.		
	Completely programmable with Variable incubation temperature & time.		
	The unit should have Temperature and remaining incubation time is visible on the LCD display		
13	R.O PLANT	1	NOS
	(Locally assembled with imported parts)		

B. TSSU - THEATRE STERILE SUPPLY UNIT

S. #	Tendered Specifications	Qty.	UOM
1	CLEANING AND WASHING STATION (Local)	1	NOS
	Made entirely in stainless steel AISI 304, with double-wall doors containing fireproof sound-damping material.		
	Approx. 2000 x 700 x 900 mm (WxDxH) , consisting of Stainless Steel square meter Table Top 40-50 mm backsplash, made of Ni-chrome steel/SS sheet.		
	02 Nos. Sinks each 500/400/250 mm made of stainless steel with the provision of countertop; equipped with drain valve and stand pipe and with siphon trap.		
	02 Nos. of integrated Spray Guns for dematerialized water and air with 08 cleaning nozzles (Imported)		
2	ULTRASONIC CLEANER (Flush Mounted)	1	NOS
	Ultrasonic Cleaner integrated type (Flush Mounted OR TABLETOP),		
	Cleaning chamber constructed of corrosive resistant 304 SS.		
	Heating thermostatically controlled.		
	Digital display of time and temperature.		
	Control panel window should has degassed time setting, cleaning time from 0-99 min & temperature setting up to 70 C.		
	The machine should have capacity to memorize 8-10 programs & Quick program function to start quickly.		
	Tank Capacity 22 Ltr or above.		
	System complete with basket, lid and other standard accessories.		
	Operation 220V, 50 Hz.		
	Country of Origin: USA/Europe/Japan		
3	WASHER DISINFECTOR & DRYING UNIT	1	NOS
	Microprocessor control, free standing type system for washing/disinfection/drying of dental instruments & hollow devices.		
	Loading capacity: Instruments for over 40 patients and up to 33 hollow body instruments		
	Automatic sieve recognition		
	water softening		
	Monitoring the rotation speed of the rinse arms for process safety.		
	Monitoring the rinsing pressure		
	Automatic conductivity measurement		
	display for operating status and acoustic signals		
	Washing chamber & spraying arms made of high quality stainless steel.		
	Must have high-performance circulation pump for higher cleaning outcomes & decontaminate up to 23 hand pieces and turbines per cycle or more.		
	Colored touch screen display 7" inch or better.		
	Temperature measurement by PT1000 class A		
	Memory capacity: cycles as well as malfunction protocols		
	CF card writer		
	Network interface RJ45 at front and rear side		

S. #	Tendered Specifications	Qty.	UOM
	Door must remain closed in case of power loss		
	Door is closed and monitored during cycle		
	Temperature sensor against overheating		
	Acoustic and visual alerts in case of malfunction		
	2 x dosing Pumps with flow meters.		
	The machine must have active drying system & Hepa Filter H13 or better.		
	The Unit should be in compliance.		
	EN 15883, 93/42 EEC, 97/23 EEC, EN 60601-1 -2; EMC, EN 61010-1 -2; Electrical safety		
	Power Requirement: 380-400V, 50 Hz.		
	Accessories with each machine:-		
	1 x Basket with injector rail		
	1 x Instrument Basket Standards		
	2 x Flex Baskets		
	1 x Insert Rack for hinged instruments & Impressions trays		
	1 x Small Parts Basket\		
	Country Of Origin: USA/Europe/Japan		
4	MEDIUM DUTY STEAM STERILIZER	1	NOS
	Microprocessor Controlled, Fully automatic horizontal standing/Floor unit, double door autoclave with fractionated pre vacuum .		
	Door opening/closing by motor		
	High quality door gasket		
	Built in Double Jacketed automatic flushing electric steam Generator.		
	Should have a very short cycle time.		
	Internal and external chamber made of high-quality stainless steel i.e. (AISI 316 TI or better).		
	High Quality Vacuum pump for deep drying.		
	Twin Chamber for efficient heat management with booster effect		
	Capacity: 100 Liter or more		
	Loading quantity for instruments: 32 kg or more		
	Loading quantity for textiles: 7 kg or more		
	Colored touch display 5 - 7" enables an intuitive operation as well as information & malfunctions.		
	Should have at least 5 Standard Sterilization programs of 121 OC & 134 OC & 3 Test programmes.		
	Measurement of Pressure & temperature highly precised PT1000 sensors.		
	Identification of personnel by PIN code		
	Fully automatic Motorized/Pneumatic door lock.		
	Automatic Water Quality Monitoring Sensor before each cycle.		

S. #	Tendered Specifications	Qty.	UOM
	Media Monitoring Sensor in case of low water pressure.		
	Visual and acoustic information on machine in case of any malfunction.		
	Build in thermal degasification system.		
	Independent Documentation system.		
	Should be able to store at least last 120 cycle data.		
	The Unit must have de gassing function.		
	Communication interface, LAN for connecting printer/computer system & built in CF Card for data log.		
	bar code labeling		
	Should Fully compliance according to DIN EN 285: 2009; EN 17665 and 93/42 EEC European Directive for Medical Devices.		
	Standard Accessories for each machine:-		
	1 x Mesh Wire Basket (1 STU)		
	2 x SS/Aluminum Trays for instruments.		
	Power supply: 3 x 380-416 V, 50 Hz,		
	Optional but mandatory to quote		
	Loading Cart	1	NOS
	Country Of Origin: Imported		
5	PACKING TABLE (Local)	1	NOS
	Fixed Table height, AISI 304 stainless steel, lined stainless steel table top, 2 shelves, frame with integrated cable guides, 4 leveling feet, 2 standard schuko electrical connections, integrated LED lighting, work bench height 800 mm, table top thickness 45mm.		
	Hanging Cabinet with two drawers & illuminated magnifying Glass. Dimensions = 2000 x 1140 x 800 mm (width x height x depth).		
6	CLOSED TROLLEY TRANSPORT TROLLEY (Local)	6	NOS
	Closed sterile goods transport trolley made from stable, self-supporting body made from high-quality stainless steel, with vertical push handles.		
	Equipped with 2 height adjustable, solid shelves.		
	Double walled hinged doors opening angle and equipped standard		
	Circumferential door seals offer reliable protection against dust, and a circumferential guard at the bottom of the trolley protects against damage.		
	Easy to clean thanks to easily removable internal parts.		
	Trolley is portable with 2 swivel castors with brakes and 2 fixed castors, in zinc/chrome plated housings, Ø 160 mm. - External dimensions (W x H x D) : 965 x 1469 x 751 mm.		
7	POUCH SEALLING MACHINE	2	NOS
	Microprocessor-controlled,		
	Complete Stainless-Steel Body		
	Temperature control: Microprocessor		
	Sealing speed: 10 m/min..		
	Welding Height: 12- 15 mm		
	Sealing temperature 0 - 200°C		

S. #	Tendered Specifications	Qty.	UOM
	Country Of Origin: Imported		
8	ROLL DISPENSER WIDE CUTTER	1	NOS
	Holder for storing, trimming, and dispensing sterile goods packaging in the form of film rolls of various widths. Stainless steel.		
	Country Of Origin: Imported		
9	3 LINE LABELING GUN	1	NOS
	The labelling device with 3 printing lines and 12 digits each.		
	Country Of Origin: Imported		
10	STORING RACK (Local)	2	NOS
	High wire shelf, equipped with four shelves made of AISI-304 stainless steel wire. Its construction allows air circulation. - Dimensions: 1000 x 600 x 2000 mm. (length x width x height).		
11	OIL FREE AIR COMPRESSOR	1	NOS
	Compressor oil free, Noiseless, single stage, two cylinders with electric motor, pressure 8-10 bar, Capacity 175 Liter. OR as per same manufacturer recommendations		
	Country Of Origin: Imported		
12	INCUBATOR FOR SELF-CONTAINED BIOLOGICAL INDICATORS (Imported)	1	NOS
	The electronic dry bath incubator is used to incubate biological indicators.		
	Completely programmable with Variable incubation temperature & time.		
	The unit should have Temperature and remaining incubation time is visible on the LCD display		
13	R.O PLANT	1	NOS
	(Locally assembled with imported parts)		

C. TSSU - GROUND FLOOR STERILE SUPPLY UNIT

S. #	Tendered Specifications	Qty.	UOM
1	B-Class Autoclave	1	NOS
	Chamber Size: Ø 25 cm x 45 cm		
	Chamber volume: 23 litres		
	Capacity		
	Max. load instruments: 6 kg / 13.2 lb		
	Max. load textiles: 2.0 kg / 4.4 lb		
	EN 13060 table top autoclave with type B and S programs		
	Triple pre-vacuum (totally 5 fractions) and post vacuum for efficient drying		
	Double head membrane vacuum pump		
	Possibility of replacing the membranes if worn out		
	Built-in water tanks, for fresh water not less than 5.3 liter and waste water not less than 4.8 liter		
	Water re-use (automatic water recycling) would not be allowed		
	Simple set up		
	Construction		
	Chamber from stainless steel AISI 316 with no weld seams therefore less susceptible to corrosion,		
	Tubes and fittings from heat and corrosion resisting material		
	Air removal by fractionated pre-vacuum		
	Deep vacuum drying		
	Direct steam generation in chamber, no separate built-in steam generator necessary		
	Heaters must be within the chamber		
	Energy-saving mode		
	Possibility for connection of an external water treatment unit & automatic waste water drainage		
	Built-in automatic preheating system		
	Long lasting HEPA sterile filter, at least for 3000 cycle or 24 months		
	Programs		
	134°C Universal-B program		
	134°C Quick-S program		
	134°C Quick-B program		
	121°C Gentle-B program		
	134°C Prion-B program		
	Vacuum-test (leak-test) program		
	Bowie & Dick-test program		

S. #	Tendered Specifications	Qty.	UOM
	Possibility to change parameters, in order to be prepared for future demands		
	Change of parameters shall be protected and shall not be possible for the user		
	Output of batch number after each cycle		
	Control		
	Microprocessor controlled sterilization process		
	Pressure measurement by absolute pressure sensor class 0.5		
	Temperature measurement by PT1000 class A		
	4.3 inch multi-colour capacitive touch display		
	Additional independent LED indicator of program result & device status		
	Automatic water quality measurement before starting every cycle and displaying on demand		
	Internal memory to store at least 100 sterilisation cycles data		
	Load check by PCD „helix“ according to EN867-5 possible		
	Selection of additional drying for multi-wrapped loads		
	Independent monitoring system: including two temperature sensors (T1, T2) and theoretical temperature (T3, via pressure sensor)		
	Firmware in-house development		
	Interface		
	Documentation cycle log file with date, time, cycle number, as well as temperatures, pressure and times of each program steps in clear text message. Output via USB/Ethernet (RJ45) connected protocol printer and/or flash drive		
	Double USB-Port (Front/ Back) for documentation/maintenance purposes		
	Ethernet port (RJ45, in the back) for network integration and communication to documentation software (e.g. MELAtace)		
	Safety requirements		
	Additional independent safety controller to monitor the sterilization process		
	In case of malfunction, the door opening must be prevented		
	During sterilisation the door must be electrically and mechanically locked		
	Option of emergency door opening without need of external batteries		
	Safety valve against over pressure		
	Safety temperature limiter against over heating		
	Sensor against low water and full waste water container		
	Acoustic and visual alarm in case of malfunction		
	Electrical supply, accessories		
	AC 220 V- 230 V / 50/60Hz, 2100 watts		
	Turnable tray rack for at least 5 trays or 3 dental container		
	Standard set of trays & Tray holder.		
2	Ultrasonic Cleaner	1	NOS

S. #	Tendered Specifications	Qty.	UOM
	Ultrasonic cleaner, cleaning chamber constructed of corrosive resistant 304 SS.		
	Heating thermostatically controlled.		
	Microprocessor controlled,		
	Digital display of time and temperature.		
	Jet programme.		
	Tank Capacity 9.5 Liter.		
	System complete with basket,		
	LID and other standard accessories.		
	Operation 220V, 50 Hz.		
3	Pouch Sealing Machine	1	NOS
	After a brief preheating time of about 2 minutes, the foils can be sealed without a pause and with a width of sealing seam of 10 mm (EN 868-5 requires a minimum width of only 6 mm).		
	The new electronics tests the sealing time and the sealing temperature, while an optical and acoustic signal is made if there is a deviation. The infinitely variable thermostat enables the use of packages from different manufacturers.		
	Technical Data:		
	Device Dimensions (incl. grip, WxHxD): 41.5x15x24 cm		
	Electrical Connection: 230 V / 50 Hz		
	Weight: 5.4 Kg		
4	Manual Washing Counter with Spray Guns and Nozzles	1	NOS
	Dimensions (WxHxD): 2000x800x700mm		
	Material: SS 304		
	Twin Sink with Focet		
	2x Spray Guns with Eight Nozzles for Air / Water		

D. TSSU - FIRST FLOOR STERILE SUPPLY UNIT

S. #	Tendered Specifications	Qty.	UOM
1	B-Class Autoclave	1	NOS
	Chamber Size: Ø 25 cm x 45 cm		
	Chamber volume: 23 litres		
	Capacity		
	Max. load instruments: 6 kg / 13.2 lb		
	Max. load textiles: 2.0 kg / 4.4 lb		
	EN 13060 table top autoclave with type B and S programs		
	Triple pre-vacuum (totally 5 fractions) and post vacuum for efficient drying		
	Double head membrane vacuum pump		
	Possibility of replacing the membranes if worn out		
	Built-in water tanks, for fresh water not less than 5.3 liter and waste water not less than 4.8 liter		
	Water re-use (automatic water recycling) would not be allowed		
	Simple set up		
	Construction		
	Chamber from stainless steel AISI 316 with no weld seams therefore less susceptible to corrosion,		
	Tubes and fittings from heat and corrosion resisting material		
	Air removal by fractionated pre-vacuum		
	Deep vacuum drying		
	Direct steam generation in chamber, no separate built-in steam generator necessary		
	Heaters must be within the chamber		
	Energy-saving mode		
	Possibility for connection of an external water treatment unit & automatic waste water drainage		
	Built-in automatic preheating system		
	Long lasting HEPA sterile filter, at least for 3000 cycle or 24 months		
	Programs		
	134°C Universal-B program		
	134°C Quick-S program		
	134°C Quick-B program		
	121°C Gentle-B program		
	134°C Prion-B program		
	Vacuum-test (leak-test) program		
	Bowie & Dick-test program		

S. #	Tendered Specifications	Qty.	UOM
	Possibility to change parameters, in order to be prepared for future demands		
	Change of parameters shall be protected and shall not be possible for the user		
	Output of batch number after each cycle		
	Control		
	Microprocessor controlled sterilization process		
	Pressure measurement by absolute pressure sensor class 0.5		
	Temperature measurement by PT1000 class A		
	4.3 inch multi-colour capacitive touch display		
	Additional independent LED indicator of program result & device status		
	Automatic water quality measurement before starting every cycle and displaying on demand		
	Internal memory to store at least 100 sterilisation cycles data		
	Load check by PCD „helix“ according to EN867-5 possible		
	Selection of additional drying for multi-wrapped loads		
	Independent monitoring system: including two temperature sensors (T1, T2) and theoretical temperature (T3, via pressure sensor)		
	Firmware in-house development		
	Interface		
	Documentation cycle log file with date, time, cycle number, as well as temperatures, pressure and times of each program steps in clear text message. Output via USB/Ethernet (RJ45) connected protocol printer and/or flash drive		
	Double USB-Port (Front/ Back) for documentation/maintenance purposes		
	Ethernet port (RJ45, in the back) for network integration and communication to documentation software		
	Safety requirements		
	Additional independent safety controller to monitor the sterilization process		
	In case of malfunction, the door opening must be prevented		
	During sterilisation the door must be electrically and mechanically locked		
	Option of emergency door opening without need of external batteries		
	Safety valve against over pressure		
	Safety temperature limiter against over heating		
	Sensor against low water and full waste water container		
	Acoustic and visual alarm in case of malfunction		
	Electrical supply, accessories		
	AC 220 V- 230 V / 50/60Hz, 2100 watts		
	Turnable tray rack for at least 5 trays or 3 dental container		
	Standard set of trays & Tray holder.		
2	Ultrasonic Cleaner	1	NOS

S. #	Tendered Specifications	Qty.	UOM
	Ultrasonic cleaner, cleaning chamber constructed of corrosive resistant 304 SS.		
	Heating thermostatically controlled.		
	Microprocessor controlled,		
	Digital display of time and temperature.		
	Jet programme.		
	Tank Capacity 9.5 Liter.		
	System complete with basket,		
	LID and other standard accessories.		
	Operation 220V, 50 Hz.		
3	Pouch Sealing Machine	1	NOS
	After a brief preheating time of about 2 minutes, the foils can be sealed without a pause and with a width of sealing seam of 10 mm (EN 868-5 requires a minimum width of only 6 mm).		
	The new electronics tests the sealing time and the sealing temperature, while an optical and acoustic signal is made if there is a deviation. The infinitely variable thermostat enables the use of packages from different manufacturers.		
	Technical Data:		
	Device Dimensions (incl. grip, WxHxD): 41.5x15x24 cm		
	Electrical Connection: 230 V / 50 Hz		
	Weight: 5.4 Kg		
4	Manual Washing Counter with Spray Guns and Nozzles	1	NOS
	Dimensions (WxHxD): 2000x800x700mm		
	Material: SS 304		
	Twin Sink with Focet		
	2x Spray Guns with Eight Nozzles for Air / Water		

E. TSSU - SECOND FLOOR STERILE SUPPLY UNIT

S. #	Tendered Specifications	Qty.	UOM
1	B-Class Autoclave	1	NOS
	Chamber Size: Ø 25 cm x 45 cm		
	Chamber volume: 23 litres		
	Capacity		
	Max. load instruments: 6 kg / 13.2 lb		
	Max. load textiles: 2.0 kg / 4.4 lb		
	EN 13060 table top autoclave with type B and S programs		
	Triple pre-vacuum (totally 5 fractions) and post vacuum for efficient drying		
	Double head membrane vacuum pump		
	Possibility of replacing the membranes if worn out		
	Built-in water tanks, for fresh water not less than 5.3 liter and waste water not less than 4.8 liter		
	Water re-use (automatic water recycling) would not be allowed		
	Simple set up		
	Construction		
	Chamber from stainless steel AISI 316 with no weld seams therefore less susceptible to corrosion,		
	Tubes and fittings from heat and corrosion resisting material		
	Air removal by fractionated pre-vacuum		
	Deep vacuum drying		
	Direct steam generation in chamber, no separate built-in steam generator necessary		
	Heaters must be within the chamber		
	Energy-saving mode		
	Possibility for connection of an external water treatment unit & automatic waste water drainage		
	Built-in automatic preheating system		
	Long lasting HEPA sterile filter, at least for 3000 cycle or 24 months		
	Programs		
	134°C Universal-B program		
	134°C Quick-S program		
	134°C Quick-B program		
	121°C Gentle-B program		
	134°C Prion-B program		
	Vacuum-test (leak-test) program		
	Bowie & Dick-test program		

S. #	Tendered Specifications	Qty.	UOM
	Possibility to change parameters, in order to be prepared for future demands		
	Change of parameters shall be protected and shall not be possible for the user		
	Output of batch number after each cycle		
	Control		
	Microprocessor controlled sterilization process		
	Pressure measurement by absolute pressure sensor class 0.5		
	Temperature measurement by PT1000 class A		
	4.3 inch multi-colour capacitive touch display		
	Additional independent LED indicator of program result & device status		
	Automatic water quality measurement before starting every cycle and displaying on demand		
	Internal memory to store at least 100 sterilisation cycles data		
	Load check by PCD „helix“ according to EN867-5 possible		
	Selection of additional drying for multi-wrapped loads		
	Independent monitoring system: including two temperature sensors (T1, T2) and theoretical temperature (T3, via pressure sensor)		
	Firmware in-house development		
	Interface		
	Documentation cycle log file with date, time, cycle number, as well as temperatures, pressure and times of each program steps in clear text message. Output via USB/Ethernet (RJ45) connected protocol printer and/or flash drive		
	Double USB-Port (Front/ Back) for documentation/maintenance purposes		
	Ethernet port (RJ45, in the back) for network integration and communication to documentation software (e.g. MELAttrace)		
	Safety requirements		
	Additional independent safety controller to monitor the sterilization process		
	In case of malfunction, the door opening must be prevented		
	During sterilisation the door must be electrically and mechanically locked		
	Option of emergency door opening without need of external batteries		
	Safety valve against over pressure		
	Safety temperature limiter against over heating		
	Sensor against low water and full waste water container		
	Acoustic and visual alarm in case of malfunction		
	Electrical supply, accessories		
	AC 220 V- 230 V / 50/60Hz, 2100 watts		
	Turnable tray rack for at least 5 trays or 3 dental container		
	Standard set of trays & Tray holder.		
2	Ultrasonic Cleaner	1	NOS

S. #	Tendered Specifications	Qty.	UOM
	Ultrasonic cleaner, cleaning chamber constructed of corrosive resistant 304 SS.		
	Heating thermostatically controlled.		
	Microprocessor controlled,		
	Digital display of time and temperature.		
	Jet programme.		
	Tank Capacity 9.5 Liter.		
	System complete with basket,		
	LID and other standard accessories.		
	Operation 220V, 50 Hz.		
3	Pouch Sealing Machine	1	NOS
	After a brief preheating time of about 2 minutes, the foils can be sealed without a pause and with a width of sealing seam of 10 mm (EN 868-5 requires a minimum width of only 6 mm).		
	The new electronics tests the sealing time and the sealing temperature, while an optical and acoustic signal is made if there is a deviation. The infinitely variable thermostat enables the use of packages from different manufacturers.		
	Technical Data:		
	Device Dimensions (incl. grip, WxHxD): 41.5x15x24 cm		
	Electrical Connection: 230 V / 50 Hz		
	Weight: 5.4 Kg		
4	Manual Washing Counter with Spray Guns and Nozzles	1	NOS
	Dimensions (WxHxD): 2000x800x700mm		
	Material: SS 304		
	Twin Sink with Focet		
	2x Spray Guns with Eight Nozzles for Air / Water		

F. LAUNDRY DEPARTMENT

S. #	Tendered Specifications	Qty.	UOM
1	WASHER EXTRACTOR	1	NOS
	The Washer Extractor Electric heating free standing type, Fully automatic with front loading/unloading.		
	Fully programmable, microprocessor control,		
	Stainless steel in all vital part for high degree of rust protection. Stainless steel front panels and side panel's AISI 304		
	The system consisting of following:		
	Capacity/Load: 17 Kg or More		
	Capacity will be considered as 1:10 as per ISO 9398:2003 (Drum volume/10) Extraction: 987rpm		
	Electric drain valve		
	Cycle Time: Max. 45-60 min customizable as per requirement. Frequency controlled motor		
2	DRYING TUMBLER	1	NOS
	Drying Tumbler with Electric heating, fully automatic Fully programmable, microprocessor control,		
	LCD display having stainless steel drum.		
	Error codes for easy trouble shooting.		
	Service program for adjustment of parameters, Temperature and cool down time.		
	The tumbler is factory painted with enameled paint and have the following		
	Specifications:		
	Capacity of drying tumbler: 17 Kg. Capacity will be considered as 1:20.		
	Cycle Time: 27 min. including loading & unloading or adjustable as per requirement.		
	Reversing Drum.		
	Anti-Wrinkle linen at end of cycle. Airflow (radial & Axial) inside the drum		
	Machine has a feature to set customizes moisture level, duration of cycle, when set moisture level achieved machine & stop automatically.		
3	FLAT WORK DRYER IRONER	1	NOS
	Flat Work Dryer Ironer Electric heating, cylindrical		
	Type having single roller/cylinder. The user electronically selects		
	the desired temperature and adjusts the speed of the cylinder from a control panel.		
	digital display.		
	Front loading and Front return and have cylinder following minimum specifications:		
	Speed: 2 - 4 m / min		
	Drive: Electrical Motor Feeding: Through Belts		
	Cylinder Dia: 250 mm Approximately Working Width: 1400 mm Approximately		
	The Dryer Ironer is a compact free stand and self- contained unit and to be supplied in factory assembled state.		
4	UTILITY PRESS	1	NOS

S. #	Tendered Specifications	Qty.	UOM
	Air operated laundry press adjustable squeezing pressure Between head and buck.		
	Integrated boiler. separate air compressor		
	Fitted with timer and two hand push buttons		
5	HAND IRON WITH IRONING TABLE		
	Electric heated.		
6	WATER TREATMENT UNIT Model : CUSTOMISED	1	NOS
	Make : Local		
	Country of Origin: LOCALLY ASSEMBLED WITH IMPORTED PARTS		
	RO system compatible with the Laundry equipment		
	Requirement and in accordance with the quality of the local water where it is being installed storage as per requirement.		
	Locally assembled with imported parts.		
	Capacity as per working load		
7	SEWING MACHINE	1	NOS
	Make : Local		
	Motorized, Heavy duty with sewing machine table. (Supplied Locally).		
8	PACKING/SORTING TABLE Model : CUSTOMISED	1	NOS
	Make : Local		
	Local made		
	The main structure is completely built with tubular profiles in Stainless Steel with plain in plate strengthened and supported in the underlying part.		
	4 plastic feet in the corners.		
	Dimensions: Length: 1400 mm, Width: 800 mm, Height: 900 mm		
9	DIRTY LINEN COLLECTION TROLLEYS Model : CUSTOMISED	1	NOS
	Make : Local		
	Local made		
	Completely closed with double front door.		
	Mounted on 4 rubber wheels, (2 fixed and 2 swivels) arranged at the corners.		
10	DIRTY LINEN TROLLEYS FOR WORKING INSIDE DIRTY AREA Model : CUSTOMISED	1	NOS
	Make : Local		
	Local made		
	Made with SS plate, walls, and bottom. Mounted on n.3 rubber wheels.		
	Dimensions: LENGTH: 1030 mm, DEEPNESS: 630 Mm, HIGHNESS: 710mm		
	Material Stainless steel.		
11	CLEAN LINEN TROLLEYS FOR WORKING INSIDE CLEAN AREA Model : CUSTOMISED	1	NOS
	Make : Local		

S. #	Tendered Specifications	Qty.	UOM
	Local made		
	Made with SS plate, walls, and bottom. Mounted on n.3 rubber wheels.		
	Dimensions: LENGTH: 1030 mm, DEEPNESS: 630 Mm, HIGHNESS: 710mm		
	Material Stainless steel.		
12	STORAGE RACKS Model : CUSTOMISED	1	NOS
	Make : Local		
	Local made		
	Entirely built with Stainless Steel.		
	Dim: Length: 1000 mm, Width: 500 mm, Height: 1800 mm (approx)		
13	Floor Weighing Scale Model : Customised Make : Pak Made Capacity: 120kg	1	NOS
	Locally assembled		

G. SUPPLY & INSTALLATION OF HYGIENIC OPERATING THEATRES X4

S. #	Tendered Specifications	Qty.	UOM
1	Anti microbial 1.5mm Poly Carbonate	1840	Sqft
	Substructure GS 18 gauge -		
	Custom Printed Glass Panels on 1 wall		
2	Featured Wall in Tempered Glass (with Vinyl Printing at Back)	320	Sqft
3	Aluminum Non perforated ceiling 0.6-0.8mm 24 inch x 24 inch tile-	896	sqft
4	Anitistatic Vinyl 2mm thick flooring, with selfleveling at least 2mm thick, with coved corner, pasted with condutive imported glue, gaps filled with pvc welding rods of matching colors	1080	Sqft
5	Ceiling Led Panel Lights 600x600mm, IP20, 3800 lumens,color temperature 6500K life:30,000 hours, 38 watt	32	NOS
6	Anesthesia Pendant Aluminum Powder coated frame, ABS Plastic Cover, with 800mm+600mm arms motorized, 180kg, 8x (multipin and sucko) socket, 1x RJ45 connector 1x Basket, 1xDrawer, 1xN2O, 1xAGSS, MA4x2, O2x2, Vaccumx2 outlets 1xIV Pole	4	NOS
7	Surgical Pendant, Aluminum Powder coated frame, ABS Plastic Cover, with 800mm+600mm arms motorized, 180kg, 8x (multipin and sucko) socket, 1x RJ45 connector 1x Basket, 1xDrawer, 1xMA7, MA4x2, O2x2, Vaccumx2, CO2 x2 outlets 1xIV Pole	4	NOS
8	Dual Dome OT Light 30k to 160k lux, Adjustable brightness 10levels, less than 1 degree celcius rise in temperature on surgeons head, adjustable color temperature 3700-5000 K, 50,000 hours LED Light-Color Rendering More than 85, Adjustable Focus, Shadow compensation, Red and Green Light Mode, endomode,deepcavity mode, superficial mode, touch control panel, minimum 64 leds of OSRAM,Spot diamter adjustable 16cm -28cm	4	NOS
9	Electric OT Table-IMPORTED	4	NOS
	Height adjustment: 700-1000mm, Length (mm): 2010, Width (mm): 500, Reverse trendelenburg: 25°, Trendelenburg: 20°, Left/Right tilt: 20°/20°, Back board adjustment: Up≥75°,Down≥10°, leg board adjustment: Down≥90°,Removable, Leg board outward: 0/90°, Head rest adjustment: Up≥50°/Down≥90°,Removable, Kidney bridge lifting: ≥110mm, Safe loading: ≥200kgs		
	Standard accessories:1x anesthetic screen holder, 2x shoulder supports , 2x waist supports, 2x foot supports, 2x arm supports, 9x fixers, 1x mattress,1x manual controller,1x power cord,1x manual		
10	Recessed Type LED Slim X-Ray viewer Two Film with Dimming Option, & film detection	4	NOS
11	Surgeon Control Panel 22 inch ON/OFF Ceiling & Surgical Lights, Gas Alarms, Ambient & Differential Pressure monitoring, Door Control,	4	NOS
12	Scrub Sink 2 bay in AISI SS304 with Auto Taps & Auto soap dispensor, Hot & Cold Water Mixer	1	NOS
13	Automatic Hermetic/ Airtight Sliding Door Stainless Steel 1mm AISI SS304 with German Door Drive Motor, Size 1500x2100mm, 1mm thick, Inside filled with Alluminum Alloy Honey Comb/PU foam,Frameless Smart Tempered Glass Oberservation Window 400x800mm, with Hermetic Handles D-type outside and recess type inside,Two Hand sensors & Safety Sensors	4	NOS

H. MEDICAL GAS PIPELINE SYSTEM

S. #	Tendered Specifications	Qty.	UOM
1	Compressed Air Station	1	NOS
	Three-phase units Piston type (oil injected) are equipped with two solid rubber wheels and two rubber feet		
	Technical Data:		
	Free air delivery 510 L/M @ 10 bar		
	Compressor Max. Pressure 10 bar		
	Compressor Noise (@ 1m) 75 db		
	Voltage 400V/3Ph/50Hz		
	Output (HP) 5.5		
	Output (kw) 4		
	Tank 140 Liter		
	Refrigerant Air Dryer		
	Air Flow 1.3 m3/min		
	Power Supply 230V/50HZ		
	Air Connection G3/4"		
	Air Treatment Filtration, Pre & Post line filters		
	Reducer Panel (10bar to 4 /7 bar)		
	Parallel regulator/reducer with gauge, pressure relief valve & isolation valves.		
2	Gas Outlets		
	Gas outlets, complete in Box/casing gas Specific, Self sealing valve, indexed to eliminate interchangeability /erroneous tapping of gas, Filter and cover plate with following colour coding;		
i	Oxygen; White	20	NOS
ii	Nitrous Oxide; Blue	10	NOS
iii	Medical Air 4 BAR; B/W	20	NOS
iv	AGSS Active Type Venturi Based	4	NOS
3	Multiple Zone Valve Box with Alarm	4	NOS
	Each wall type zone valve box with integrated alarm consisting of steel valve box with shut off ball valves, pressure gauges to display the pressure of various gases. Area alarm Individual display and sensor module, self diagnostic& error message display readable for ease of maintenance psi, kPa or bar read out. Test & Mute Button, low alarm condition.		
i	3 Gases		
4	Automatic Manifold for Oxygen 2x4 (without cylinder)	1	NOS
	LCD display for the left bank, the right bank for the supply pressure.		
	(2 X 10) with capacity of 100, m3/h.		
	Input pressure:15MPa		

S. #	Tendered Specifications	Qty.	UOM
	Output pressure : 0.4-0.8MPa		
	Input connection:High Pressure hose		
	Working pressure:DC24V/AV220V		
	2x10(20cylinder header) for Oxygen		
	High pressure hose is stainless steel and size is G5/8 connect cylinder		
	Can be supply gas when power off and contrl circuit fault		
	Fully enclosed metal box ,anti interference,simple and beautiful appearance debugging and maintenance convenient		
	Input pressure:15MPa		
	Output pressure : 0.4-0.8MPa		
5	Sami Automatic Nitrous Oxide Manifold 2 X 2 (without cylinder)	1	NOS
	Input pressure:0-25MPa		
	Output presure:0-2.5MPa		
	female G5/8 for up side		
	Pressure Relief Valve:1.6MPa		
	Gauge :MPa		
	Male M33*2 for left and right side		
	Complete with header & tail pipes		
6	Anesthesia Pendant (Double Arm)	1	NOS
	Ceiling Mounted Mechanical Anesthesia Pendant		
	Max Load Capacity: 200 Kg		
	Pneumatic Breaking System		
	Max Degree of Rotation Is 330°		
	4 X Electric Socket Multipin		
	6 X Schuko Socket		
	2 X Schuko Socke (Red Color For Ups)		
	Swivel Arms 1000 + 800		
	Double Arm Length: 1000 Mm + 800		
	2 X Lan Data Port Rj45		
	2 X O ² Outlets		
	2 X Medical Air (4 Bar) Outlet		
	1 X N ₂ O Outlet		
	2 X Vacuum Outlet		
	1 X AGSS Outlet Active (Vacuum Plant Based)		

S. #	Tendered Specifications	Qty.	UOM
	1 X IV Pole With 4 Hooks		
	2 X Shelves		
	1 X Drawer		
	1 X Basket for Accessories		
	8 X Earthing Pins		
7	Copper Pipe		
	Supply and installation of seamless copper pipe, deoxidized and degreased along with required fitting. Comply BS-EN 13348.		
	12mm	500	RFT
	15mm	500	RFT

1.	BID FORM AND PRICE SCHEDULES
2.	BID SECURITY FORM
3.	CONTRACT FORM
4.	PERFORMANCE SECURITY FORM
5.	BANK GUARANTEE FOR ADVANCE PAYMENT
6.	INTEGRITY PACT
7.	VIS-À-VIS FORM

1. Bid Form and Price Schedules

Date: _____

IFB No: _____

To:

Dean,
Khyber College of Dentistry,
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	7
Item	Description	Country of Origin	Quantity	Unit price DDP (PKR) Inclusive of all Taxes (Without GST)	Total price DDP (PKR) Inclusive of all Taxes (Without GST)

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]

Draft
AGREEMENT DEED
FOR PROCUREMENT, INSTALLATION & MAINTENANCE OF EQUIPMENT

THIS AGREEMENT DEED is made on this day _____ of _____ in the year 2025 by and between;

Khyber College of Dentistry, Medical Teaching Institute, Peshawar through its Dean (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 name and address*] (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:

NOW THIS AGREEMENT TO BE WITNESS AS FOLLOWS:

1. The following documents shall be deemed to form and be read and construed as part of this agreement, viz
 - Award Letter
 - Financial Quotation
 - Bid Solicitation Documents (BSD) (Final)

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 Khyber College of Dentistry on DDP 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, by the Second Party's at their Head-office, in assembly, start-up, operation, maintenance, and/or repair of the supplied Goods.

vi. Training of the First Party's personnel, on need basis, by the Second Party's on-site (KCD-MTI), in assembly, start-up, operation, maintenance, and/or repair of the supplied Goods

5. 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.

6. 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.

7. The Second Party shall be required to guarantee that the equipment including the accessories will be maintained in good working condition (i.e., 95% uptime on yearly basis throughout the warranty period.

uptime %	Penalty
<95% & >93%	3 months increase in Warranty Period
<93% & >90%	6 months increase in Warranty Period
<90%	12 months increase in Warranty Period

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

9. The second party must furnish a backup unit to the first party within 10 days if the repair of the supplied sternum saw exceeds a two-week timeframe.

10. 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.

11. DELIVERY OF ITEMS.

c. The schedule for supply of goods shall be as under: iii. Within 30 days from the date of issuance of supply order by the

Purchasing Agency for items to be locally available iv. Within 90 days from the date of issuance of supply order by the Purchasing Agency for items to be imported. (BL bill of lading should be attached)

d. The Penalty on late supply of goods shall be charged as under

v. Penalty @2% For Late Supply within 15 Days from due date of delivery. vi. Penalty @ 5% For Late Supply within 16-30 Days from due

date of delivery. vii. Penalty @ 10% For Late Supply beyond 30 Days from the due date of delivery.

12. 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.

13. 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.

14. 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.

15. 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.

16. 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.

17. 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.

18. 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.

19. 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.

20. The Second Party shall be bound under this Agreement Deed to provide the warranty, maintenance and services of Equipment which must be Five (05) 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.

21. Warranty shall be five years, for maintenance contract, including service and parts & Accessories.

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

23. The schedule for supply of Parts under Warranty shall be 90 days.

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

25. 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.

26. 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.

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

28. 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.

29. Second Party shall attach all the Import Documents along with the bill to process the payment.

30. 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.

31. 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.

32. 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.

33. 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.

34. 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

35. 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.

Dean
Khyber College of Dentistry
For & On Behalf of First Party

[Mention Name]
[Designation]
M/S (Provide Name)

WITNESSES

FOR FIRST PARTY

No.1.: _____
Name _____
C.N.I.C No.: _____
Contact No.: _____

No.2.: _____
Name _____
C.N.I.C No.: _____
Contact No.: _____

FOR SECOND PARTY

No.1.: _____
Name _____
C.N.I.C No.: _____
Contact No.: _____

No.2.: _____
Name _____
C.N.I.C No.: _____
Contact No.: _____

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]

INTEGRITY PACT
DECLARATION OF FEES, COMMISSION AND BROKERAGE ETC. PAYABLE BY THE
SUPPLIERS OF GOODS, SERVICES & WORKS IN CONTRACTS

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 times 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