



Primary & Secondary
Healthcare Department

BIDDING DOCUMENTS

FOR

**PROCUREMENT OF BIOMEDICAL & NON-
BIOMEDICAL EQUIPMENT FOR
HOSPITALS OF PRIMARY & SECONDARY
HEALTHCARE DEPARTMENT**

PMU/PROC/PO/01-05/2019-2020
(IPL#11829)

(YEAR 2019 - 20)

**PROJECT DIRECTOR
PROJECT MANAGEMENT UNIT
PRIMARY & SECONDARY HEALTHCARE
DEPARTEMENT**

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Primary & Secondary Healthcare Department

INVITATION FOR BIDS PROCUREMENT OF BIOMEDICAL & NON-BIOMEDICAL EQUIPMENT FOR HOSPITALS OF PRIMARY & SECONDARY HEALTHCARE DEPARTMENT.

BID REFERENCE NO: PMU/PROC/PO/01-05/2019-20

Project Management Unit of Primary & Secondary Healthcare Department, Government of Punjab, invites sealed bids from eligible bidders for the supply of Biomedical & Non-Biomedical Equipment to Hospitals of Primary & Secondary Healthcare Department. Technical Specifications have been specified in the bidding documents.

2. Interested eligible bidders can download the Bidding Documents containing Tender's item specifications, Quantities and terms & conditions from the websites (tctetw.ppra.punjab.gov.pk) & (tctetw.pshealth.punjab.gov.pk) free of cost. There is no bid security for this tender.

3. Bidding shall be conducted through Single Stage - Two Envelopes bidding procedure, as per Rule 38(2) (a) of Punjab Procurement Rules, 2014. The envelopes shall be marked as "FINANCIAL PROPOSAL" and "TECHNICAL PROPOSAL" in bold and legible letters in separate envelopes.

4. Sealed Bids are required to be submitted by interested bidders on 07th January, 2020 till 11:00 AM in the Procurement Wing, Project Management Unit, 31/E-1 Shahra-e-Imam Hussain, Gulberg III, P&SHD, Lahore. The Bids received till the stipulated date and time shall be opened on same day at 11:30 AM in the presence of the representative of the firms who choose to attend. Late bids shall not be entertained.

NOTE: The procurement shall be conducted as per Punjab Procurement Rules, 2014.

Project Director

Project Management Unit, Primary & Secondary Healthcare Department
31/E-1, Shahra-e-Imam Hussain, Gulberg III, Lahore
Tel: 042-99231202, Mobile: 0300-4247992

IPL-11829

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A. INSTRUCTIONS TO BIDDERS (ITB)

General Instructions:

1. Content of Bidding Document

1.1 The goods required, bidding procedures, and Contract terms are prescribed in the Bidding Documents. In addition to the Invitation for Bids, the bidding documents include:

- (a) Instructions to Bidders (ITB);
- (b) General Conditions of Contract (GCC);
- (c) Special Conditions of Contract (SCC);
- (d) Schedule of Requirements;
- (e) Technical Specifications;
- (f) Contract Form;
- (g) Authorization Form;
- (h) Performance Guarantee Form;
- (i) Bid Form; and
- (j) Price Schedule

1.2 In case of discrepancies between the Invitation to Bid and the Bidding Documents listed in 1.1 said Bidding Documents shall take precedence.

1.3 The Bidder is expected to examine all instructions, forms, terms, and specifications in the bidding documents. Failure to furnish all information required by the bidding documents or to submit a bid not substantially responsive to the bidding documents in every respect shall be at the Bidder's risk and may result in the rejection of its bid.

2. Source of Funds

2.1 Government of the Punjab.

3. Eligible Bidders

3.1 A Bidder shall be a private, public or government owned legal registered entity with the formal intent (as evidenced by a letter of intent) to enter into an agreement or under an existing agreement.

3.2 The bidder must be an active payer. National Tax Number (NTN) and General Sales Tax Number with documentary proof shall have to be provided by bidder(s).

3.3 A Bidder who has been barred or disqualified/blacklisted either by any Government/ Department/ Agency/ Authority would not be eligible to submit the Bid. The Bidder will submit an affidavit to this effect.

3.4 If the Government of Pakistan prohibits commercial relations with any country, any bidder/goods of such countries/dealing with such countries are ineligible to apply.

3.5 The bidder can submit only one bid against an item. If the bidder quotes an alternative bid or submit two bids then the bidder will be considered as non-responsive.

3.6 The bidder shall provide all information required in the bidding documents (evaluation criteria & specifications etc.) and documents to substantiate its claim for eligibility.

3.7 Additional eligibility requirement (if any) is defined in the Bid Data Sheet.

4. Eligible Goods and Services

4.1 Further, country of origin of goods could be from any geographical region of the world as per laws of Pakistan.

4.2 For the purpose of this clause, (a) the term “Goods” includes any Goods that are the subject of this Invitation for Bids and (b) the term “Services” includes related services such as transportation, insurance, after sale service, spare parts availability, etc. For purposes of this clause, “origin” means the place where the goods are mined, grown, or produced, or the place from which the related services are supplied.

4.3 The quoted electric equipment must comply with the Standard Electrical Power System of the Country i.e., 220 V/50 Hz.

5. Cost of Bidding

5.1 The Bidder shall bear all costs associated with the preparation and submission of its bid, and the Procuring Agency shall in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.

6. Clarification of Bidding Documents

6.1 A prospective Bidder requiring any clarification of the bidding documents may notify the Procuring Agency in writing at the Procuring Agency’s address indicated in the Invitation to Bids. The Procuring Agency shall respond in writing to any request for clarification of the bidding documents, which it receives not later than period (days) specified in Bid Data Sheet.

7. Amendment of Bidding Documents

7.1 At any time prior to the deadline for submission of bids, the Procuring Agency, for any reason, whether at its own initiative or in response to a clarification requested by a prospective Bidder, may modify the bidding documents by amendment. Such amendment/response shall be uploaded on the website of procuring agency or sent to all prospective Bidders that have received the bidding documents, and shall be binding on them.

7.2 The Procuring Agency, at its discretion, may extend the deadline for the submission of bids. Amendment notice to that effect shall be communicated in the same manner as the original invitation to bid.

8. Qualification and Disqualification of Bidders

8.1 The Procuring Agency shall determine to its satisfaction whether the Bidder that is selected as having submitted the lowest evaluated responsive bid is qualified to perform the Contract satisfactorily, in accordance with the criteria listed in ITB Clause 29.2.

8.2 The determination shall take into account the Bidder’s financial, technical or production capabilities (in case of manufacturer), infrastructure of the firm, past performance in similar contracts, engineering staff and their capabilities, inventory of spare parts, repair and calibration tools, workshop facilities to provide the after sales services. It shall be based upon an examination of the documentary evidence of the Bidder’s qualifications submitted by the Bidder, pursuant to ITB Clause 29.2, as well as such other information/ premises visit as the Procuring Agency deems necessary and appropriate.

8.3 An affirmative determination shall be a pre-requisite for Award of the Contract to the Bidder. A negative determination shall result in rejection of the Bidder’s bid, in which event the Procuring Agency shall proceed to the next lowest evaluated bid to make a similar determination of that Bidder’s capabilities to perform satisfactorily.

8.4 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.

8.5 The Procuring Agency shall disqualify a Bidder if it finds, at any time, that the information submitted by him concerning his qualification as Supplier was false, fabricated and materially inaccurate or incomplete.

8.6 Bidders that are found to consistently fail to provide satisfactory performances or are found to be indulging in corrupt or fraudulent practices shall be debarred & blacklisted as provided in Punjab Procurement Rules, 2014.

9. Corrupt or Fraudulent Practices

9.1 The Procuring Agency requires that all Bidders/ Suppliers/ Contractors observe the highest standard of ethics during the procurement and execution of such Contracts. In pursuance of PPR 2014 and its subsequent amendments, if any, the Procuring Agency:

- a. defines, for the purposes of this provision, the terms set forth below as follows:
 - (i) **coercive practice** by impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence the actions of a party to achieve a wrongful gain or to cause a wrongful loss to another party;
 - (ii) **Collusive practice** by arrangement between two or more parties to the procurement process or contract execution, designed to achieve with or without the knowledge of the procuring agency to establish Prices at artificial, noncompetitive levels for any wrongful gain;
 - (iii) **Corrupt practice** by offering, giving, receiving or soliciting, directly or indirectly, of anything of value to influence the acts of another party for wrongful gain;
 - (iv) **fraudulent practice** by any act or omission, including a misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain a financial or other benefit or to avoid an obligation;
 - (v) **obstructive practice** by harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in a procurement process, or affect the execution of a contract or deliberately destroying, falsifying, altering or concealing of evidence material to the investigation or making false statements before investigators in order to materially impede an investigation into allegations of a corrupt, fraudulent, coercive or collusive practice; or threatening, harassing or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation, or acts intended to materially impede the exercise of inspection and audit rights.
- b. shall reject a proposal for Award if it determines that the Bidder recommended for award has engaged in corrupt or fraudulent practices in competing for the Contract in question; shall declare a firm ineligible, either indefinitely or for a stated period of time, to be awarded a Contract if it at any time determines that the firm has engaged in corrupt or fraudulent practices in competing for, or in executing, a Contract.

Preparation of Bids

10. Language of Bid

10.1 The bid prepared by the Bidder, as well as all correspondence and documents relating to the bid exchanged by the Bidder and the Procuring Agency shall be written in English. Supporting documents and printed literature furnished by the Bidder may

be in another language provided they are accompanied by an accurate translation of the relevant passages in English, in which case, for purposes of interpretation of the Bid, the translation shall govern.

11. Documents Comprising the Bid

- 11.1** The bid prepared by the Bidder shall comprise the following components:
- (a)** A Bid Form and Price Schedule completed in accordance with ITB Clauses 12 and 13 (to be submitted along with financial proposal);
 - (b)** Documentary evidence established in accordance with ITB Clause 15 that the Bidder is eligible to bid and is qualified to perform the Contract if its bid is accepted;
 - (c)** Documentary evidence established in accordance with ITB Clause 16 that the goods to be supplied by the Bidder are eligible goods and conform to the bidding documents.

12. Bid Form and Price Schedule

12.1 The Bidder shall complete the Bid Form (**Annex-A**) and an appropriate Price Schedule (**Annex-B**), furnished in the bidding documents indicating the goods to be supplied, a brief description of the goods, specifications, quantity, prices, make, model, country of origin, country of manufacturer and port of shipment in case of imported equipment.

13. Bid Prices

13.1 The Bidder shall indicate on the Price Schedule the Unit Prices and Total Package Price of the goods, it proposes to supply under the Contract.

13.2 Form for Price Schedule is to be filled in very carefully, and should be typed. Any alteration/ correction must be initialed. Every page is to be signed and stamped at the bottom. Serial number/ bid number of the quoted item may be marked or highlighted with red/yellow marker.

13.3 The Bidder should quote the prices of goods according to the technical specifications for complete package/tender. **Optional items are mandatory to quote but will not be considered while determining the lowest bidder.** The specifications of goods, different from the demand of enquiry and packaged items, shall straightway be rejected.

13.4 The Bidder is required to offer competitive price. All prices must include relevant taxes and duties, where applicable. If there is no mention of taxes, the offered/ quoted price shall be considered as inclusive of all prevailing taxes/duties. The benefit of exemption from or reduction in the GST or other taxes shall be passed on to the Procuring Agency.

13.5 While tendering your quotation, the present trend/ inflation in the rate of goods and services in the market should be kept in mind. No request for increase in price due to market fluctuation in the cost of goods and services shall be entertained after the bid has been submitted.

13.6 The bidder shall have to quote the prices as per mode (DDP and CFR/CPT) as specified in the technical specifications.

14. Bid Currencies

14.1 For DDP, price shall be quoted in PKR. In case of CFR/CPT tender, the Prices shall be quoted in \$, £, €, ¥ and CHF.

14.2 State Bank of Pakistan's foreign currency selling rate will be considered from the date of opening of Financial Bid for comparison purposes.

15. Documents Establishing Bidder's Eligibility and Qualification.

15.1 The Bidder shall furnish, as part of its technical bid, documents (as specified in ITB Clause 3 above) establishing the Bidder's eligibility to bid and its qualifications to perform the Contract if its bid is accepted.

15.2 The documentary evidence to be submitted in the Technical Proposal for the purposes of qualification and technical evaluation shall be as specified in the evaluation criteria, technical specifications etc.

16. Documents Establishing Goods' Eligibility and Conformity to Bidding Documents

16.1 Pursuant to ITB Clause 11, the Bidder shall furnish along with technical proposal, as part of its bid, documents establishing the eligibility and conformity to the bidding documents of all goods (as specified in the evaluation criteria, technical specifications etc.), which the Bidder proposes to supply under the Contract.

16.2 The documentary evidence of the eligibility of the goods shall consist of a statement in the Price Schedule of the country of origin of the goods offered.

16.3 The bidder is required to arrange sample (s) of quoted equipment for evaluation on direction of the department; the bidder shall provide the sample or give demonstration as per requirement for evaluation/ satisfaction of the Committee.

17. Bid Security

17.1 The value, validity & shape of Bid Security to be submitted by a bidder along with its bid is indicated in the Bid Data Sheet.

18. Bid Validity

18.1 Bids shall remain valid for a period, after opening of a bid, as specified in the Bid Data Sheet. A bid valid for a shorter period shall be rejected by the Procuring Agency as non-responsive. Any extension in bid validity will be dealt as per mechanism provided in rule 28 of Punjab Procurement Rules, 2014.

Submission of Bids

19. Format and Signing of Bid

19.1 The bid shall be typed and shall be signed by the Bidder or Lead Bidder (in case of tender with the permission of alliance/ Joint venture for the bidding of complete package i.e. more than one item in a single tender) or a person or persons duly authorized to bind the Bidder to the Contract. The person or persons signing the bid shall initial all pages of the bid.

19.2 Any interlineations, erasures, or overwriting shall be valid only if they are initialed by the person or persons signing the bid.

19.3 All bidding documents to be duly attested (signed and stamped) by the authorized person of bidder.

20. Sealing and Marking of Bids

20.1 The envelopes shall be marked as "FINANCIAL PROPOSAL" and "TECHNICAL PROPOSAL" in bold and legible letters to avoid confusion. The envelopes shall then be sealed in an outer envelope. It should contain the package name and its number.

20.2 The inner and outer envelopes shall:

- a) be addressed to the Procuring Agency at the address given in the Invitation to Bids; and
- b) bear the Procuring Agency name and number indicated in the Invitation to Bids, and shall be inscribed by the following sentence: "DO NOT OPEN BEFORE," to be completed with the time and the date specified in the Invitation To Bid.

20.3 The inner envelopes shall also indicate the name and address of the Bidder to enable the bid to be returned unopened in case it is declared as non-responsive or late.

20.4 If the outer as well as inner envelope is not sealed and marked properly, the Procuring Agency shall assume no responsibility for the bid's misplacement or premature opening.

21. Deadline for Submission of Bids

21.1 Bids must be submitted by the Bidder and received by the Procuring Agency at the address, time and date specified in the Invitation to Bids.

22. Late Bid

22.1 Any bid received by the Procuring Agency after the deadline for submission of bids prescribed by the Procuring Agency pursuant to ITB Clause 21 shall be rejected and returned unopened to the Bidder.

23. Withdrawal of Bids

23.1 The Bidder may withdraw its bid prior to the deadline specified in the invitation to bid.

23.2 No bid may be withdrawn in the interval between the deadline for submission of bids and the expiration of the period of bid validity specified in ITB Clause 18.2. Withdrawal of a bid during this interval will make the bidder eligible to be debarred for further procurements for a period as deemed necessary by the Procuring Agency.

The Bidding Procedure

24.1 The procedure for selection of Contractor shall be used for the procurement is specified in the Bid Data Sheet. The detail description of the procedure is described in Rule 38 of Punjab Procurement Rules, 2014.

Opening and Evaluation of Bids

25. Opening of Bids by the Procuring Agency

25.1 The Procuring Agency shall initially open only the envelopes marked "TECHNICAL PROPOSAL" in the presence of Bidders' representatives who choose to attend, at the time, on the date, and at the place specified in the Invitation to Bids. The Bidders' representatives who are present shall sign the Attendance Sheet as evidence of their attendance. However, the envelope marked as "FINANCIAL PROPOSAL" shall remain unopened and be retained in safe custody of the Procuring Agency till completion of the evaluation process.

25.2 The Bidders' names, item(s) for which they quoted their rate and such other details as the Procuring Agency, at its discretion, may consider appropriate, shall be announced at the opening of technical proposal. No bid shall be rejected at technical proposal/ bid opening, except for late bids, which shall be returned unopened to the Bidder pursuant to ITB Clause 21. However, at the opening financial proposals (the date, time and venue would be announced later on), the bid prices, discounts (if any), and the presence or absence of requisite bid Security and such other details as the Procuring Agency, at its discretion, may consider appropriate, shall be announced.

25.3 The Procuring Agency shall read aloud the Unit Price as well as the Bid amount and shall record minutes of bid opening.

26. Clarification of Bids

26.1 During evaluation of the bids, the Procuring Agency may, at its discretion, ask the Bidder for a clarification of its bid, as provided in Rule 33 of PPR 2014. The request for clarification and the response shall be in writing, and no change in the prices or

substance of bid like indication or re-indication of make/model/brand etc. shall be sought, offered, or permitted.

27. Preliminary Examination

27.1 The Procuring Agency shall examine the bids to determine whether they are complete, whether any computational errors have been made (at the time of opening the financial proposal), whether required securities have been furnished, whether the documents have been properly signed, and whether the bids are generally in order.

27.2 In the financial bids (at the time of opening the financial proposal) the arithmetical errors shall be rectified on the following basis. If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail, and the total price shall be corrected. If the Bidders/Suppliers do not accept the correction of the errors, its bid shall be rejected. If there is a discrepancy between words and figures, the amount in words shall prevail.

27.3 The Procuring Agency may waive any minor informality, nonconformity, or irregularity in a bid which does not constitute a material deviation (or changes the substance of the bid), provided such waiver does not prejudice or affect the relative ranking of any Bidder.

27.4 Prior to the detailed evaluation, pursuant to ITB Clause 27 the Procuring Agency shall determine the substantial responsiveness of each bid to the bidding documents. For purposes of these Clauses, a substantially responsive bid is one, which conforms to all the terms and conditions of the bidding documents without material deviations. Deviations from, or objections or reservations to critical provisions shall be deemed to be a material deviation for technical proposals. The Procuring Agency's determination of a bid's responsiveness is to be based on the contents of the bid itself without recourse to extrinsic evidence.

27.5 If a bid is not substantially responsive, it shall be rejected by the Procuring Agency and may not subsequently be made responsive by the Bidder by correction of the nonconformity.

28. Evaluation and Comparison of Bids

28.1 The Procuring Agency shall evaluate and compare the bids on the basis of Single items/ Complete package (As demanded in the advertised tender), which have been determined to be substantially responsive, pursuant to ITB Clause 25.

28.2 The Procuring Agency's evaluation of technical proposal/ bid shall be on the basis of evaluation criteria, technical & managerial capabilities and previous performances of quoted product/model.

28.3 All bids shall be evaluated in accordance with the evaluation criteria (ITB Clause 29) and other terms and conditions set forth in these bidding documents.

28.4 For the purpose of comparison of bids quoted in different currencies, the price shall be converted into Pak Rupees in pursuant to ITB Clause 13 & 14.

28.5 A bid once opened in accordance with the prescribed procedure shall be subject to only those rules, regulations and policies that are in force at the time of issue of notice for invitation of bids.

29. Evaluation Criteria

29.1 For the purposes of determining the lowest evaluated bid, factors other than price such as previous performances and such other details as the Procuring Agency at its discretion, may consider appropriate shall be taken into consideration and these should be available with the bidder. The following evaluation factors/ criteria will be employed on **technical proposals**.

29.2 Technical Evaluation Criteria

TECHNICAL EVALUATION CRITERIA

(KNOCKED DOWN CRITERIA)

- i. The Bidder shall attach relevant documents as required in Clause 3 of ITB.
- ii. The bid must comply with the advertised technical specifications of the quoted item. Incomplete offer will straightaway be rejected.
- iii. The firms shall also declare the make, model & country of origin of all accessories to be provided with the equipment.
- iv. The Bidder shall authorize a representative through Authorization or Power of attorney for the procurement process.
- v. The quoted model of the product shall be available on the current official website of the manufacturer (except local manufactured items); otherwise the quoted product shall be considered obsolete/ redundant and will straight away be rejected.
- vi. The quoted product must have at least one-year local market business history. The bidder shall provide Purchase Order/Contract for quoted Product.
- vii. The product must comply with International Quality Standards as indicated in the Technical Specifications.
- viii. Certificate from the manufacturer that the after sales services / backup services shall be provided jointly with the local sole agent and in case of change of local agent, they will provide the after sales services themselves or through newly appointed agent for the period mentioned from the date of commissioning in case of Bio-medical Equipment & Generators).
- ix. A Certificate from the manufacturer that the installation will be conducted in conformity with the system requirements by following the professional approach (For Bio-medical equipment & Generators)
- x. The bidder will attach the list of relevant Test & Tool Equipment required for repair, maintenance and calibration of the quoted product.
- xi. The bidder shall attach Balance Sheets and Income Tax Returns for the FY 2017-18.
- xii. The offer will be considered as responsive if it fully meets the tender requirement and specifications. The offer which will not be as per requirement of tender and specifications is to be declared as non-responsive. The offer which contains the minor deviations from the specifications and the deviations would not have any kind of effect on the quality, efficiency, reliability and durability of products will be declared as substantially responsive, this need to be determined by the Technical Evaluation Committee. The offers which are declared as Responsive and Substantially Responsive will be considered as equivalent for the onward proceedings of tender.
- xiii. The Bidder shall have to present samples of the quoted product within period as mentioned in the Bid Data Sheet on the request of the department for its evaluation.

29.2.1 Bidders are required to submit the information in the following format along with documentary evidence as under.

29.2.2 Profile of the Bidder

The Bidders are required to submit its profile.

Sr.#	Particulars	
1.	Registered Office	
	Address	
	Office Telephone Number	
	Fax Number & E-mail	
2.	Authorized Person	
	Name	
	Personal Telephone Number	
	Email Address	

29.3 Financial proposals would be evaluated as follows:

- i) After technical evaluation is completed, the Procuring Agency shall notify the date, time and location for opening of the financial proposals. All bidders' in attendance at the time of opening of financial proposals shall sign an attendance sheet.
- ii) Financial proposals shall be opened publicly in the presence of the bidders' representatives who choose to attend. The name of the bidders shall be read aloud. The financial proposal of the technically responsive bidders shall then be inspected to confirm that they have remained sealed and unopened. These financial proposals shall be then opened, and the Unit Price as well as the Bid amount read aloud and recorded. Financial proposals of the technically non-responsive bidders shall be returned unopened as per procedure prescribe in PPR 2014.
- iii) Incomplete bid shall stand rejected. All items described in the technical proposal must be priced in financial proposal. Items described in the technical proposal but not priced, shall be assumed to be included in the price of other items.
- iv) Minor oversight, clerical mistakes, other minor inconsistencies that do not alter the substances of the financial bid may be corrected by the Procuring Agency. When correcting computation error in case of discrepancy between a partial amount and the total amount or between the words and figures, the formers will prevail.
- v) The bidders will quote the Price Schedules. The total price of the system will be calculated by converting the price to single currency (PKR) on the exchange rate of date of opening of Financial Proposal; in case of import of item.
- vi) In case where both DDP & CFR/CPT prices are required, lowest will be determined on the basis as indicated in the Bid Data Sheet.

30. Contacting the Procuring Agency

30.1 No Bidder shall contact the Procuring Agency on any matter relating to its bid, from the time of the bid opening to the time the Contract is awarded.

30.2 Any effort by a Bidder to influence the Procuring Agency in its decisions on bid evaluation, bid comparison, or Contract Award will result in the rejection of the Bidder's bid and subsequent black listing. Canvassing by any Bidder at any stage of the Tender evaluation is strictly prohibited.

31. Rejection of Bids

31.1 The Procuring Agency may reject any or all bids at any time prior to the acceptance of a bid. The Procuring Agency shall upon request communicate to any Bidder who submitted a bid, the grounds for its rejection of any or all bids, but is not required to justify those grounds.

31.2 The Procuring Agency incurs no liability, solely by virtue of its invoking Clause 30.1 towards Bidders who have submitted bids.

31.3 Notice of the rejection of any or all bids shall be given promptly to the concerned Bidders that submitted bids.

31.4 The items contained in the tender should be bid in total and technical rejection of any item not complying with the technical specifications may lead to the rejection of complete Tender.

31.5 A procuring agency may for reasons to be recorded in writing, restart bidding process from any prior stage if it is possible without violating any principle of procurement contained in Rule 4 of PPR 2014 and shall immediately communicate the decision to the bidders.

32. Re-Bidding

32.1 If the Procuring Agency rejects all bids in pursuant to ITB Clause 30, it may call for a re-bidding or if deems necessary and appropriate the Procuring Agency may seek any alternative methods of procurement.

32.2 The Procuring Agency before invitation for re-bidding shall assess the reasons for rejection and may revise specifications, evaluation criteria or any other condition for Bidders, as it may deem necessary.

33. Announcement of Evaluation Report

33.1 The Procuring Agency shall announce the results of bid evaluation of a report giving justification for acceptance or rejection of bids at least **Ten Days** prior to the award of procurement Contract.

Award of Contract

34. Acceptance of Bid and Award criteria

34.1 The Bidder with technically evaluated lowest financial bid, if not in conflict with any other law, rules & regulations, policy of the Government shall be awarded the Contract, within the original or extended period of bid validity for complete package/Tender.

34.2 The Bidder having lesser Bid Security (if required in tender) will be rejected as non-responsive and Acceptance of Bid be awarded to next bidder; being the responsive lowest bidder.

35. Quantity of an Item

35.1 The Procuring Agency reserves the right at the time of Contract award to increase the quantity of goods (15% as repeat order) originally specified in the Price Schedule and Schedule of Requirements without any change in unit price or other terms & conditions.

36 Limitations on Negotiations

36.1 Save as otherwise provided there shall be no negotiations with the bidder having submitted the lowest evaluated bid or with any other bidder: provided that the extent of the negotiation permissible shall be subject to the regulations issued by the Punjab Procurement Regulatory Authority and its subsequent amendments, if any.

37. Notification of Award

37.1 Prior to the expiration of the period of bid validity, the Procuring Agency shall notify the successful Bidder in writing that its bid has been accepted.

37.2 The enforcement of the Contract shall be governed by Rule 63 of Punjab Procurement Rules-2014.

38. Signing of Contract

38.1 The Department will issue the Notification of Award/Advance Acceptance of Tender & Contracts may be signed by the Department itself or Concerned end user (District Mianwali) . The firm will submit the required Performance Guarantee within 07(seven) Days after issuance of AAT. After receipt of Performance Guarantee (having validity equivalent to Total warranty period of equipment) and Stamp Duty, the procuring Agency and successful bidder will sign and date the formal Contract.

38.2 If the successful bidder shows inability to sign the contract or failed to deposit Performance Guarantee & Stamp duty etc., then their Bid security/Contract security to the extent of proportionate percentage shall be forfeited and the firm shall be blacklisted minimum for three years for future participation. In such situation, the Procuring Agency may make the Award to the next lowest evaluated Bidder or call for re-bidding.

38.3 The contract is to be made on stamp paper worth of Rs. @ 25 paisa per every one hundred rupees of the total value of the contract, under prevailing clauses of Stamp Act 1899.

38.4 The enforcement of the Contract shall be governed by Rule 63 of Punjab Procurement Rules – 2014.

39. Performance Guarantee

39.1 The shape & value of Performance Guarantee to be submitted is indicated in the Bid Data Sheet.

39.2 Failure of the successful Bidder to comply with the requirement of ITB Clause 37/ 38 shall constitute sufficient grounds for the annulment of the Award, in which event the Procuring Agency may make the Award to the next lowest evaluated Bidder or call for re-bidding.

40. Schedule of Requirement

40.1 The supplies shall be delivered/shipped as per schedule of requirement indicated in the Bid Data Sheet.

40.2 In case of late delivery of goods beyond the periods specified in the Schedule of Requirements, penalty shall be imposed shall be imposed upon the Supplier as indicated in Bid Data Sheet.

40.3 In case of DDP the delivery period will be started from the date of issuance of Purchase order/signing of the Contract and in the case of CFR/CPT it will be from the date of establishment of LC by the Bank in favor of manufacturer/Beneficiary.

41. Redressal of grievances by the Procuring Agency

41.1 The Procuring Agency shall constitute a committee comprising of odd number of persons, with proper powers and authorizations, to address the complaints of bidders that may occur prior to the entry into force of the procurement contract.

41.2 Any bidder feeling aggrieved by any act of the Procuring Agency after the submission of his bid may lodge a written complaint concerning his grievances not later than ten days after the announcement of the bid evaluation report.

41.3 The committee shall investigate and decide upon the complaint within fifteen days of the receipt of the complaint.

41.4 Mere fact lodging of a complaint shall not warrant suspension of the procurement process.

BID DATA SHEET

ITB CLAUSE	DESCRIPTION
3	Basic Eligibility requirements are as indicated in clause 3. Additional Eligibility: i. All Original manufacturer and authorized Sole Agents of Foreign / Local Manufacturer are eligible bidders for Biomedical Equipment (Medical Machinery & Emergency Equipment) / Medical Furniture & Generator. ii. All Original manufacturer / Sole Agents/ Authorized Distributor/ Resellers are eligible bidders for Electricity Plant & Machinery, Furniture & Fixtures & Bedding Clothing.
6	Procuring Agency shall respond to requests for clarification which it received on or before 31-12-2019 in the Office of Project Management Unit, 31-E/1 Sharah-e Imam Hussain, Gulberg-III, Lahore.
7	Any amendment in response to clarifications seek by bidder or as a Department its own initiative will be uploaded on the website www.pshealth.punjab.gov.pk on 01-01-2020 .
10	Language of Bid & correspondence shall be English.
13	The bidder shall have to quote the prices as per mode (DDP and CFR/CPT) specified in the technical specifications. In case both modes are mentioned in the technical specifications, the bidder shall have to quote both DDP & CFR/CPT prices, otherwise offer of the firm will straight away be rejected.
14	For DDP, price shall be quoted in PKR. In case of CFR/CPT tender, the Prices shall be quoted in \$, £, €, ¥ and CHF. Including all Ex-work, Transportation, Storage charges till the destination.
17	Bid Security is NIL .
18	180 Days from the date of opening of bids.
19	Joint Venture is not allowed for this tender.
24	Single Stage-Two Envelope Bidding Procedure as per rule (38) (2) (a) of Punjab Procurement Rules 2014 shall be used for selection of Contractors.
N/A	Address for communication: Project Director Project Management Unit, 31-E/1 Sharah-e Imam Hussain, Gulberg-III, Lahore
29.2 (vi)	The Bidder shall have to submit samples of the quoted equipment within 03 Days, if required.
29.3 (vi)	i. In case where both DDP & CFR/CPT prices are required, lowest will be determined on the basis of CFR price (price of the main unit along with standard accessories including comprehensive warranty as mentioned in the technical specifications of each equipment. ii. In case where only DDP prices are required, lowest bidder will be determined on the basis of DDP price (price of the main unit along

	with standard accessories including comprehensive warranty as mentioned in the technical specifications of each equipment.	
39	Performance Guarantee will be 2% of the Contract Value in the shape of Bank Guarantee from any scheduled bank. Bank Guarantee will be valid for the warranty period of the equipment.	
40.1	Mode of penalty	Shipping/Delivery Period
	Without Penalty	90 Days for CFR/CPT
	Without Penalty	60 Days for DDP
40.2	In case of late delivery of goods beyond the periods specified in the Schedule of Requirements, penalty @ 0.1% per day of the cost not exceeding 10% of the purchase order/contract value for late delivered supply shall be imposed upon the Supplier.	

DRAFT CONTRACT/ AGREEMENT

CONTRACT FORM

(On stamp paper worth Rs. @ 25 paisa per every one hundred rupees of the total value of the contract)

THIS CONTRACT is made at _____ on _____ day of _____ 2019, between the (hereinafter referred to as the “Procuring Agency”) of the First Part; and M/s (*firm name*) a firm having its registered office at (*address of the firm*) (hereinafter called the “Supplier”) of the Second Part (hereinafter referred to individually as “Party” and collectively as the “Parties”).

WHEREAS the Purchaser on behalf of its Procuring Agency invited bids for Procurement of goods, in pursuance where of M/s (*firm name*) being the Manufacturer/ authorized Supplier/ authorized Agent of (*item name*) in Pakistan and ancillary services offered to supply the required item (s); and Whereas the Procuring Agency has accepted the bid by the Supplier for the supply of (*item name*) and services in the sum of Rs (*amount in figures and words*) cost per unit, the total amount of (*quantity of goods*) shall be Rs. _____ (*amount in figures and words*) for free delivery items and/or unit price €/£/\$ _____ for the total price _____ €/£/\$ of the items of CFR/CPT portion for establishing the LC.

NOW THIS CONTRACT WITNESSETH AS FOLLOWS:

1. In this Contract words and expressions shall have the same meanings as are respectively assigned to them in the General Conditions of this Contract hereinafter referred to as “Contract”:
2. The following documents shall be deemed to form and be read and construed as integral part of this Contract, viz: -
 - a. the General Conditions of Contract;
 - b. the Special Conditions of Contract;
 - c. the Procuring Agency’s Notification of Award;
 - d. the Technical Specifications accepted & allied requirements;
 - e. the scope of work;
 - f. the Bid & its clarifications.
 - g. any other documents deem appropriate
3. In consideration of the payments to be made by the Procuring Agency to the Supplier/ Manufacturer as hereinafter mentioned, the Supplier/ Manufacturer hereby covenants with the Procuring Agency to provide the Goods and Services and to remedy defects therein in conformity in all respects with the provisions of this Contract.
4. The Procuring Agency hereby covenants to pay the Supplier in consideration of the provision of the Goods and Services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of this Contract at the time and in the manner prescribed by this Contract.
5. [*The 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 the Punjab or any administrative subdivision or agency thereof or any other entity owned or controlled by it (Government of the Punjab) through any corrupt business practice.

6. Without limiting the generality of the foregoing, [the Seller/ 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 including the procurement of a Contract, right interest, privilege or other obligation or benefit in whatsoever form from Government of the Punjab, except that which has been expressly declared pursuant hereto.
7. [The Supplier] certifies that has made and shall make full disclosure of all agreements and arrangements with all persons in respect of or related to the transaction with Government of the Punjab and has not taken any action or shall not take any action to circumvent the above declaration, representation or warranty.
8. [The 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 right and remedies available to Government of the Punjab under any law, Contract or other instrument, be void able at the option of Government of the Punjab.
9. Notwithstanding any rights and remedies exercised by Government of the Punjab in this regard, [The Supplier] agrees to indemnify Government of the Punjab for any loss or damage incurred by it on account of its corrupt business practices and further pay compensation to Government of the Punjab in an amount equivalent to ten time the sum of any commission, gratification, bribe, finder's fee or kickback given by [The Seller/ 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 Government of the Punjab.
10. In case of any dispute concerning the interpretation and/or application of this Contract shall be settled through arbitration. The decisions taken and/or award made by the Arbitrator shall be final and binding on the Parties.
11. The Contract shall not constitute a partnership between the parties and that the supplier shall not in any manner represent itself as agent or authorized representative of the Procuring Agency of the Government of the Punjab etc. or be considered as such included.
12. This Contract shall be governed by the laws of Pakistan and the courts of Pakistan shall have exclusive jurisdiction.

IN WITNESS Whereof the Parties hereto have caused this Contract to be executed at _____ (the place) and shall enter into force on the day, month and year first above mentioned.

Sign/ Seal by the Supplying firm

Sign/ Seal by Procuring Agency

Witness

1.

1.

2.

2.

B. GENERAL CONDITIONS OF CONTRACT (GCC)

1. Definitions

1.1 In this Contract, the following terms shall be interpreted as indicated:

- a. "The Contract" means the agreement entered into between the Procuring Agency and the Supplier, as recorded in the Contract Form signed by the Parties, including all attachments and appendices thereto and all documents incorporated by reference therein.
- b. "The Contract Price" means the price payable to the Supplier under the Contract for the full and proper performance of its contractual obligations.
- c. "The Goods" means equipment and machinery and other items which the Supplier is required to supply to the Procuring Agency under the Contract.
- d. "The Services" means those services ancillaries to the supply of above goods, such as printing of special instructions on the label and packing, design and logo of the Procuring Agency, Insurance, transportation of goods up to the desired destinations, commissioning, training and other such obligations of the supplier covered under the Contract.
- e. "GCC" mean the General Conditions of Contract contained in this section.
- f. "SCC" means the Special Conditions of Contract.
- g. "The Procuring Agency" means the Project Director, Project Management Unit, P&SHD/District Health Authority Mianwali/Medical Superintendent THQ Piplan/ Medical Superintendent THQ Kalabagh.
- h. "The Supplier" means the individual or firms or joint venture supplying the goods under this Contract.
- i. "Day" means calendar day.

2. Application

2.1 These General Conditions shall apply to the extent that they are not superseded by provisions of other parts of the Contract.

3. Country of Origin

3.1 Country of origin of goods could be from any geographical region of the world as per laws of Pakistan, unless otherwise any country of manufacturer mentioned in the specifications.

4. Standards

4.1 The items should comply with the relevant international product quality standards or as per standards mentioned in the specifications.

Use of Contract Documents and Information

5.1 The Supplier shall not, without the Procuring Agency's prior written consent, disclose the Contract, or any provision thereof, or any specification, plan, drawing, pattern, sample, or information furnished by or on behalf of the Procuring Agency in connection therewith, to any person other than a person employed by the Supplier in the performance of the Contract. Disclosure to any such employed person shall be made in confidence and shall extend only so far as may be necessary for purposes of such performance.

5.2 The Supplier shall not, without the Procuring Agency's prior written consent, make use of any document or information enumerated in GCC Clause 5.1 except for purposes of performing the Contract.

5.3 Any document, other than the Contract itself, enumerated in GCC Clause 5.1 shall remain the property of the Procuring Agency and shall be returned (all copies) to

the Procuring Agency on completion of the Supplier's performance under the Contract if so required by the Procuring Agency.

6. Patent Rights

6.1 The Supplier shall indemnify the Procuring Agency against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the Goods or any part thereof in the country.

7. Submission of Samples

7.1 The samples shall be submitted as per mentioned in the ITB/Evaluation Criteria/Specifications.

8. Ensuring Storage/ Installation Arrangements

8.1 To ensure storage and installation arrangements for the intended supplies, the Supplier shall inform end user for pre-requisites well in time for proper installation. The cost of any minor changes in the site of installation will be borne by the supplier. In case the Supplier abides by the given time frame he shall not be penalized for delay.

8.2 In case of late delivery of goods beyond the periods specified in the Schedule of Requirements, penalty @ 0.1% per day of the cost not exceeding 10% of the purchase order/contract value for late delivered supply shall be imposed upon the Supplier.

9. Inspections and Tests

9.1 The Procuring Agency or its representative shall have the right to inspect and/or to test the goods to confirm their conformity to the Contract specifications at no extra cost to the Procuring Agency.

9.2. For the purpose of inspections and tests of equipment. The Supplier shall furnish all reasonable facilities and assistance, to the inspectors at no charge to the Procuring Agency. The inspection team will inspect & test the equipment prior to dispatch (where specified) and categorically mentioned in the LC clauses, the goods shall not be supplied unless a satisfactory inspection report has been issued in respect of those Goods by the Procuring Agency. However, if the Supplier proves an undue delay in conduct of inspection on the part of Procuring Agency, the Supplier shall not be liable for penalty on account of that delay. The cost of such inspection/ lab tests shall be borne by the Manufacturer/ Supplier.

9.3 The Procuring Agency's right to inspect, test and, where necessary, reject the goods after the goods have been installed at Procuring Agency's destinations.

9.4 Nothing in GCC Clause 9 shall in any way release the Supplier from any warranty or other obligations under this Contract.

10. Physical Examination/ Inspection of Goods

10.1 The goods shall be acceptable subject to physical inspection, tests and/ or in accordance with the approved sample as decided by the Procuring Agency.

10.2 The Inspection Team will be designated by the Procuring Agency which will inspect each of the equipment/ goods as per contracted specifications and installation protocols recommended by the manufacturers.

11. Delivery and Documents

11.1 The Supplier in accordance with the terms specified in the Schedule of Requirements shall make delivery of the goods which is maximum 60 Days (DDP) & 90 Days (CFR/CPT) from the date of issuance of this contract or opening/ Establishment of LC. The details of original documents to be furnished by the Supplier is indicated in Technical Specifications.

12. Insurance

12.1 The goods supplied under the Contract shall be delivered duty paid (DDP) or CFR/CPT as mentioned under which risk is transferred to the buyer after having been delivered to final destination; hence, marine and inland insurance coverage is Supplier's responsibility. The Supplier shall ensure insurance in advance in full on prevailing premium rates at the time of shipment of the Goods on the behalf of the Purchaser for which the cost is inclusive in the Contract Price.

13. Transportation

13.1 The Supplier shall arrange such transportation of the goods as is required to prevent their damage or deterioration during transit to their final destination as indicated in the Schedule of Requirement.

13.2 Transportation including loading/ unloading of goods shall be arranged and paid for by the Supplier, and related cost shall be inclusive in the Contract price. The addresses of destinations/ offices shall be provided at the time signing of Contract.

14. Incidental Services

14.1 The Supplier shall be required to provide all the incidental service charges and the cost of such incidental services include in total Contract price.

14.2 The Procuring Agency will not pay any extra amount against any expenditure incurred on it, as the Contract shall be construed as fixed amount Contract and includes all costs.

14.3 The Procuring Agency will provide all the necessary documentations for facilitation but no amount to be given in any case except the Contracted amount.

14.4 The Procuring Agency will provide all necessary documents for facilitation and Custom Clearance (imported by the Procuring Agency) but no amount be given in any case except the Contracted amount. The Octroi, Clearing Charges, transportation etc. will be borne by the Contracting firm.

15. Warranty

15.1 The firm shall maintain the equipment for total comprehensive warranty period for complete system including parts & labour. The supplier will categorically mention the disposable/consumable items of the equipment good in advance along with the submitted tender, any item declaration as consumable/ disposable after the submission of bid/quotation will not submitted.

15.2 The comprehensive warranty shall be monitored by Biomedical Equipment Resource Centre/Concerned end user of P&SH Department.

16. Payment

16.1 The method and conditions of payment to be made to the Supplier under this Contract shall be specified in SCC.

16.2 In case of imported goods to be procured on CFR/CPT basis; the payment will be made 100% via establishing the LC in favor of manufacturer/beneficiary at sight and receiving shipping documents/ Bill of lading Insurance, Inspection certificate of the manufacturer, Country of origin, compliance of International standards of quality as per INCOTERMS of latest version. The payment will be made in the following manner through a letter of credit to be opened by the Procuring Agency.

(A) Payment shall be made after pre-shipment inspection at the manufacturing site (where applicable). If charges incurred on extension of L/C to next quarter it will be on part of contracting firm.

16.3 In case of DDP; the payment will be made 100% after presentation of the delivery/ Installation/commissioning/execution report of the contract and all other works described in Contract. Part payment, part delivery may be admissible in case of huge quantity of the goods.

17. Prices

17.1 Prices charged by the Supplier for goods delivered under the Contract shall not vary from the prices quoted by the Supplier in its bid and shall remain the same till expiry of the bid validity period provided the Procuring Agency's request for bid validity extension.

18. Contract Amendments

18.1 No variation in or modification of the terms of the Contract shall be made.

18.2 No variation in finalized brands/ makes/models shall be allowed except in special conditions where the manufacturer has stopped producing or suspended that model or the latest model of similar series or version has been launched by the manufacturer or non-availability due to international mergers of the manufacturers or similar unavoidable constraints.

19. Assignment

19.1 The Supplier shall not assign, in whole or in part, its obligations to perform under this Contract, except with the Procuring Agency's prior written consent.

20. Subcontracts

20.1 The Supplier shall not be allowed to sublet the job and award subcontracts under this Contract.

21. Delays in the Supplier's Performance

21.1 Delivery of the goods shall be made by the Supplier in accordance with the time schedule prescribed by the Procuring Agency in the Schedule of Requirements.

21.2 If at any time during performance of the Contract, the Supplier should encounter conditions impeding timely delivery of the goods, the Supplier shall promptly notify the Procuring Agency in writing of the fact of the delay, its likely duration and its cause(s). As soon as practicable after receipt of the Supplier's notice, the Procuring Agency shall evaluate the situation and may at its discretion extend the Supplier's time for performance, with liquidated damages, in which case the extension shall be ratified by the Parties by amendment of Contract.

21.3 Except as provided under GCC Clause 8.2, a delay by the Supplier in the performance of its delivery obligations shall render the Supplier liable to the imposition of liquidated damages pursuant to GCC Clause 22, unless an extension of time is agreed upon pursuant to GCC Clause 21.2 without the application of liquidated damages.

22. Penalties/Liquidated Damages

22.1 In case of late delivery beyond the presented period, penalty as specified in SCC shall be imposed upon the Supplier/ Manufacturer. The above Late Delivery (LD) is subject to GCC Clause 24, including late delivery for reasons beyond control. Once the maximum is reached, the Procuring Agency may consider termination of the Contract pursuant to GCC Clause 23.

22.2 If the firm provide substandard item and fail to provide the item, the payment of risk purchase (which will be purchased by the procuring agency/indenter) the price difference shall be paid by the Firm.

23. Termination for Default

23.1 The Procuring Agency, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the Supplier, may terminate this Contract in whole or in part:

- a. if the Supplier fails to deliver any or all installments of the goods within the period(s) specified in the Contract, or within any extension thereof granted by the Procuring Agency pursuant to GCC Clause 8.2; or
- b. if the Supplier fails to perform any other obligation(s) under the Contract.
- c. if the Supplier, in the judgment of the Procuring Agency has engaged in corrupt or fraudulent practices in competing for or in executing the Contract. For the purpose of this clause: **“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.

“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 Procuring Agency, 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 Procuring Agency of the benefits of free and open competition.

23.2 Mechanism of blacklisting provided in rule 21 of Punjab Procurement Rules, 2014.

24. Force Majeure

24.1 Notwithstanding the provisions of GCC Clauses 21, 22, and 23, the Supplier shall not be liable for forfeiture of its Performance Guaranty/ bid Security, or termination/ blacklisting for default if and to the extent that its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure. For the purposes of this clause Force Majeure means an act of God or an event beyond the control of the Supplier and not involving the Supplier's fault or negligence directly or indirectly purporting to mis-planning, mismanagement and/or lack of foresight to handle the situation. Such events may include but are not restricted to acts of the Procuring Agency in its sovereign capacity, wars or revolutions, fires, floods, earthquakes, strikes, epidemics, quarantine restrictions and freight embargoes. If a Force Majeure situation arises, the Supplier shall promptly notify the Procuring Agency in writing with sufficient and valid evidence of such condition and the cause thereof. The Committee of Health, constituted for Redressal of grievances, shall examine the pros and cons of the case and all reasonable alternative means for completion of purchase order under the Contract and shall submit its recommendations to the competent authority. However, unless otherwise directed by the Procuring Agency in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical and shall seek reasonable alternative means for performance not prevented by the Force Majeure event.

25. Termination for Insolvency

25.1 The Procuring Agency may at any time terminate the Contract by giving written notice of one-month time to the Supplier if the Supplier becomes bankrupt or otherwise insolvent. In this event, termination shall be without compensation to the Supplier, provided that such termination shall not prejudice or affect any right of action or remedy which has accrued or shall accrue thereafter to the Parties.

26. Arbitration and Resolution of Disputes

26.1 The Procuring Agency and the Supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract.

26.2 If, after thirty (30) days from the commencement of such informal negotiations, the Procuring Agency and the Supplier have been unable to resolve amicably a Contract dispute, either party may require that the dispute be referred to the Arbitrator for resolution through arbitration.

26.3 In case of any dispute concerning the interpretation and/or application of this Contract shall be settled through arbitration. The arbitrator will be appointed with mutual consent of both the parties. The decisions of the Arbitrator shall be final and binding on the Parties.

27. Governing Language

27.1 The Contract shall be written in English language. Subject to GCC Clause 28, the version of the Contract written in the specified language shall govern its interpretation. All correspondence and other documents pertaining to the Contract, which are exchanged by the Parties, shall be written in English.

28. Applicable Law

28.1 This Contract shall be governed by the Laws of Pakistan and the Courts of Pakistan shall have exclusive jurisdiction.

29. Notices

29.1 Any Notice given by one party to the other pursuant to this Contract shall be sent to the other party in writing and confirmed to other party's address specified in SCC.

29.2 A notice shall be effective when delivered or on the notice's effective date, whichever is later.

C. SPECIAL CONDITIONS OF CONTRACT (SCC)

Special Conditions of Contract shall be concluded between the Procuring Agency and the successful bidder(s) as per specific requirement of the specific Product. In case where there is a conflict between the general conditions of the contract and the special conditions of contract, the special condition of contract shall prevail.

1. General:

1.1 Country of origin of goods could be from any geographical region of the world as per laws of Pakistan, unless otherwise any country of manufacturer mentioned in the specifications.

1.2 The fee of all necessary licenses required to install and operate the equipment shall be borne by the Supplier and Procuring agency will facilitate through documents only.

1.3 The Bank Guarantee will be discharged after successful installation, commissioning, servicing and completion of standard warranty period. A clearance letter/NOC will be issued by the head of concerned institution in this regard.

1.4 The Supplier shall be deemed to have obtained all the information regarding facilities and charges, in respect of port clearance, loading and unloading, storage, transportation, congestion, Octroi, licensing fee and confirmed the requirements thereof at his own responsibility and all such costs and charges are deemed to be included in the rates and prices mentioned in the Priced BOQ and the Procuring Agency will not pay any amount over this contracted amount whether in case of CFR/CPT or Delivered Duty Paid consignments.

1.5 Certificate from the manufacturer of foreign/ Local Principal that they will provide after sales services through its agent and in case of change of its agent, it will provide the services itself or newly appointed Sole agent/ Sole distributor (For Biomedical equipment & Generator).

2. Insurance of Local Goods

2.1 Insurance of Goods and other materials from factory to Site shall include all insurance costs covering the responsibility of all losses or damages, while loading, unloading, storing, trimming on the carrier and transporting to site up to the installation, testing & commissioning.

2.2 Checking and verifying of consignments, issuance of receiving reports and damage reports (when applicable) shall be the Contractor's responsibility.

2.3 The cost of insurance shall be quoted on the basis of insurance through National Insurance Company (NIC) of Pakistan or any other Insurance company operating in Pakistan acceptable to the Procuring Agency.

3. Payment

3.1 In case of CFR/CPT; the payment will be made 100% via establishing the LC in favor of manufacturer/beneficiary at sight and receiving shipping documents/ Bill of lading Insurance, Inspection certificate of the manufacturer, Country of origin, compliance of International standards of quality as per INCOTERMS of latest version. The payment will be made in the following manner through a letter of credit to be opened by the Procuring Agency.

(A) Payment shall be made after pre-shipment inspection at the manufacturing site (where applicable). If charges incurred on extension of L/C to next quarter it will be on part of contracting firm.

3.2 The amount of Letter of Credit shall be paid to beneficiary/Manufacturer on production of the following non-negotiable documents.

- i. Draft.
- ii. Three original and two copies of the Supplier's Invoice showing purchaser as Program Director, IRMNCH & NP, Government of Punjab, Pakistan, the Contract No., Goods description, quantity, unit price and total amount. Invoice must be signed in original stamped or sealed with company stamp or seal.
- iii. Four Copies of packing list identifying content of each package.
- iv. One original and two copies of the negotiable, clean, on board through bill of lading marked "freight prepaid" and showing purchaser as Project Director, PMU.
- v. Copy of Insurance Certificate showing purchaser as the beneficiary;
- vi. The original manufacturer's warranty certificate covering all items supplied;
- vii. One original copy of the Supplier's Certificate of origin covering all items supplied.
- viii. Copy of Pre-Shipment inspection furnished to Supplier by the purchaser representative/third party, where applicable
- ix. Test/ Inspection Certificate of manufacturers.
- x. Compliance Report of Internal Quality Standards.
- xi. Product model, serial numbers.
- xii. Manufacturer's Guarantee Certificate to the effect that:
 - a) the goods supplied by them are strictly in conformity with the specifications stipulated in the contract.
 - b) the goods have been packed and marked suitable for transport by Sea, Rail, Road and Air in terms of the contract.
 - c) the stores supplied by them are brand new and absolutely free from any material or manufacturing defects.
 - d) Manufacturer's test certificate in respect of each consignment.

3.3 In case of DDP; the payment will be made 100% after presentation of the delivery/ Installation/commissioning/execution report of the equipment and all other works described in Contract.

4. Execution of Warranty

4.1 A Log Book for the equipment shall be maintained by the Supplier Service Engineer in consultation with the end user department. This will include the name of the equipment, down time, preventive maintenance schedule, replacement of parts, down time etc.

4.2 The Warranty will start from the date of acceptance of equipment (properly installed, as per contracted specifications and handing over of related documents mentioned in GCC and will last for its warranty period at 95% uptime.

4.3 The maintenance will be the responsibility of the manufacturer / their agent. An annual optimal uptime of 95% is considered as acceptable level of performance.

4.4 Software and hardware up gradation of the computing system should be carried out as available during warranty period as recommended by the manufacturer.

4.5 Manufacturer/Supplier shall be responsible for rectifying with all possible speed at their own expense any defect or fault in the system which may develop at any time during installation, commissioning period.

4.6 Manufacturer will guarantee the availability of spare parts and accessories for the system for ten years.

4.7 Uptime shall be defined as the time available to the user for doing procedures/ data acquisition and processing during working hours throughout the year except holidays (from 9.00 am to 5.00pm).

4.8 Manufacturer /Supplier shall check system performance during and after every 4-months. An “Optimal Percentage” will be calculated by dividing “System in Service” hours by hours available, both measured on the basis of working hours as detailed above.

4.9 If the uptime percentage for the measurement period (04-months) shall fall short of 95% the following formula will be applied to determine additional days in the warranty / service contract period.

a.	100% - 95%	No Penalty
b.	95% - 90%	The warranty period will be extended by 2.0 times the number of days as extra down time.
c.	90% - 80%	The warranty period will be extended by 3.0 times the number of days as extra down time
d.	Below 80%	The warranty period will be extended by 4.0 times the number of days as extra down time

4.10 Down time is defined as the failure in the equipment operation to acquire or process the data or procedure, resulting in inability to carry out the required procedure properly.

4.11 The firm will be bound to make arrangements for availability of qualified technical staff in hospital / site for prompt execution/coordination of after sale services.

4.12 Down time will start when the end user/ Staff In-charge notifies the designated service facility verbally or in writing.

4.13 Down time will end once the repairs have been affected and the system is again available for use.

4.14 The firm will provide the recommended preventive maintenance schedule of each of the equipment at the time of delivery.

4.15 The firm will bound to execute the installation/ maintenance according to the installation/ service protocol and will replace the components/ kits recommended by the manufacturers for installation and Periodic Preventive maintenance.

4.16 The scheduled preventive maintenance shall be in accordance with Service Protocol recommended/ advised by the manufacturer.

4.17 Remote service via modem shall be preferred if provided by the manufacturer to pick-up early faults at no cost to the end user.

4.18 The manufacturer / supplier will be responsible for preventive maintenance of equipment as per manufacturers’ Service Manuals and shall keep a check for electrical / magnetic / temperature and humidity conditions. Such a check should be made monthly and record should be maintained in the log book available with the end user.

5. Packing & Marking

5.1 Packing: Usual export packing to ensure safe journey up to the site of consignee.

Marking: Each packing should be clearly marked in suitable size in bold letters as per requirement.

6. Trans-shipment

6.1 Trans-shipment is not allowed.

7. Place of delivery:

7.1 Central Warehouse at Lahore or District Mianwali.

8. Port of Clearance

8.1 Port of Clearance will be any port in Pakistan.

9. Correspondence addresses

Procuring Agency

Contracting Firm

M/S-----

PERFORMANCE GUARANTEE FORM

To: *[Name & Address of the Procuring Agency]*

Whereas *[Name of Supplier]* (hereinafter called “the Supplier”) has undertaken, in pursuance of Contract No. *[Number]* dated *[date]* to supply *[description of goods]* (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 scheduled bank for the sum of as defined in Bid Data Sheet of the total Contract amount as a 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/Bank

Address

Date

Note:

1. It should be valid for a period equal to the total warranty period.
2. The Contract will be signed/ issued after submission of this Performance guarantee.

Annexure-A

BID FORM

Date:

Tender No:

Name of the Item:

To: *[Name and address of Procuring Agency]*

Respected Sir

Having examined the bidding documents including Addenda Nos. [insert numbers & Date of individual Addendum], the receipt of which is hereby acknowledged, we, the undersigned, offer to supply and deliver the Goods under the above-named Contract in full conformity with the said bidding documents for the sum of *[Total Bid Amount]*, *[Bid Amount in words]* and at the rates/unit prices described in the price schedule or such other sums as may be determined in accordance with the terms and conditions of the Contract. The amounts are in accordance with the Price Schedules attached herewith and are made part of this bid.

We undertake, we have no reservation to these Bidding Documents, 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 undertake to provide a performance security/guarantee in the form, in the amounts, and within the times specified in the bidding documents.

We agree to abide by this bid, for the Bid Validity Period specified in the Bid Data Sheet and it shall remain binding upon us and may be accepted by you at any time before the expiration of that period.

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

We understand that you are not bound to accept the lowest or any bid you may receive. We undertake that, in competing for (and, if the award is made to us, in executing) the above contract, we will strictly observe the laws against fraud and corruption in force in Pakistan.

We confirm that we comply with the eligibility requirements as per the bidding documents.

Name and address of bidder

Amount and Currency

(if none, state "none")."

Dated this day of , 2019

Signature

(in the capacity of)

Duly authorized to sign bid for and on behalf of

Attachment

Annexure-B**PRICE SCHEDULE**
(CFR/CPT Basis)

Name of Bidder _____

Tender No. and the name of the Item -----

Item. No.	Name of Item (As listed in invitation of bid)	Make	Model	Country of Origin	Country of Manufacturer	Supplier	Name of Port of dispatch	Qty	Unit CIF Price (€/£/\$)	Total Price for each item (€/£/\$)	Name of beneficiary bank
Total Price (Foreign currency for imported equipment/instrument) Main equipment with standard accessories including comprehensive warranty as mentioned in technical specifications of each item											

Sign and Stamp of Bidder _____

Note: 1. In case of discrepancy between unit price and total, the unit price shall prevail.
2. Foreign currency rate will be considered on the date of opening of Financial Bid
as per selling rate announced by the State Bank.

Annexure-B**PRICE SCHEDULE**
(DDP Basis)

Name of Bidder _____

Tender No. and the name of the item -----

Item. No.	Name of Item (As listed in invitation of bid)	Make	Model	Country of Origin	Country of Manufacturer	Supplier	Qty	Unit Price (Pak Rs)	Total Price for each item (Pak Rs)
Total Price (DDP for Local & Imported Equipment) Main equipment with standard accessories including comprehensive warranty as mentioned in technical specifications of each item									

Sign and Stamp of Bidder _____

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

(TEMPLATE)

BID EVALUATION SHEET

Package No/Tender Number: -----

Name of the Equipment and Qty: -----

PART- I**KNOCK DOWN CRITERIA - (COMMERCIAL EVALUATION)****(All evaluation parameters defined below are mandatory for compliance)**

Sr. No.	Evaluation Parameters	M/S ABC	M/S XYZ
1	Legal registered entity	Yes / No	Yes / No
2	Active Tax Payer (NTN & GST) as per clause 3 ITB	Yes / No	Yes / No
3	One person One Bid	Yes / No	Yes / No
4	Manufacturer/Sole Distributor	Yes / No	Yes / No
5	Past performance	Yes / No	Yes / No
7	Balance Sheet, Financial Statement & Annual Turnover	Yes / No	Yes / No
8	Complete item with accessories and optional	Yes / No	Yes / No
9	Certificate from the Manufacturer regarding after Sales Services and Installation (where applicable)	Yes / No	Yes / No
10	Testing/Calibration equipment	Yes / No	Yes / No
12	Affidavit from Bidder (as per Supplier Declaration Template)	Yes / No	Yes / No
13	Bid Validity	Yes / No	Yes / No
14	Delivery Period	Yes / No	Yes / No
15	Compliance of Warranty as per tender	Yes / No	Yes / No
Remarks:		(Eligible/ Not Eligible for further evaluations of PART-II)	(Eligible/ Not Eligible for further evaluations of PART-II)

PART – II**KNOCK DOWN CRITERIA - PRODUCT EVALUATION****(All evaluation parameters defined below are mandatory for compliance.)**

Item Sr. No	SPECIFICATION COMPLIANCE /EVALUATION PARAMETERS			
1	Name of Equipment	Brand		
		Model		
Country of Manufacturer				
Country of Origin of Product/Model Number				
Product Local Market Business History as mentioned in criteria				

Compliance with defined quality standards (FDA 510k, MDD, Jp MHLW as mentioned in the specifications)		
Specifications/Sample Evaluation:	Technically Acceptable /Not (Mention the reasons)	Technically Acceptable /Not (Mention the reasons)
Technical Eligibility of Product:	Eligible / Not Eligible	Eligible / Not Eligible
Technical Eligibility of Firm:	Eligible / Not Eligible	Eligible / Not Eligible
BID STATUS:	Responsive/ Substantially Responsive/Non- Responsive	Responsive/ Substantially Responsive / Non- Responsive

NOTE:

1. Noncompliance of any of above evaluation parts will lead to the rejection of bid straight way.
2. The bids declared either as Responsive or Substantial Responsive will be considered as acceptable bid for further processing.
3. Sample, where required by the procuring agency will be evaluated by the Technical Evaluation Committee by analyzing its Production quality, Design, Reliability, Conformance to the specification and safe for the usage etc. This report will become the part of above Performa as sample evaluation report.

SUPPLIER DECLARATION

(on the Letter Head of the Bidder)

To

Dated: _____

Project Director
 Project Management Unit
 31-E/1, Sharahe Imam Hussain, Gulberg-III
 Lahore.

I declare that:

- I am authorized to represent the Firm _____ as the "Firm" for the purpose of Procurement of goods as per following detail;

SR. NO.	NAME OF THE EQUIPMENT	NAME OF MANUFACTURER/ COUNTRY	DATE OF SOLE AUTHORIZATION (WHERE APPLICABLE)	VALIDITY DATE OF SOLE AUTHORIZATION (WHERE APPLICABLE)

- All information provided in this Bid is current and correct and the firm has no reservations with this Bidding Documents.
- This Bid contains all the information as is prescribed in the *Bidding Document*.
- The Firm will abide by all the rules and regulations, formulated by the Government of Punjab, Primary & Secondary Healthcare Department.
- The firm will notify you of all changes and variations to the Product / its manufacturing status.
- The firm has not been declared ineligible/blacklisted by any Government/ Semi Government Department or Private Organization.
- If the Firm does not abide by the above stated Declaration then the Government of Punjab has every right to Blacklist our Firm.

Name of the Firm: _____

Name & capacity of the Authorized Contact Person: _____

Signature of the Authorized Contact Person: _____

Date: _____ Stamp of the Firm: _____

Note: Any variation in information provided in this bid/tender and already provided will lead toward disqualification of bidder and legal action against the firm as per Punjab Procurement Rules, 2014.

TECHNICAL SPECIFICATIONS

The successful bidder shall provide the following along with the supply of equipment/ instruments etc.:

- i. Operational and Repair & Service Manuals indicating step by step service/ maintenance protocols of each of the equipment.
- ii. Periodic Preventive Maintenance schedules with recommended list of parts/ kits to be replaced during PPM (where applicable).
- iii. Quality test certificate by the manufacturer.
- iv. Operation training to the operating staff Clinical & paramedics
- v. Basic Service Training to Biomedical Engineers of the Department.

SR #	NAME & DETAIL	QTY
MEDICAL MACHINERY & EMERGANCY EQUIPMENT		
1	EMERGENCY / PROCEDURE STRETCHER TROLLEY Patient's trolley for use in patient's recovery areas/ transportation/ minor procedures. Upholstered top, with adjustable approx. head 1900 x 600mm, at 890mm high, inc. 750mm head, 75mm thick, with full upholstery. Adjustable height Side rails- collapsible Bumper bar/ push handle IV pole 150- 200mm approx. base plate castors Safe Working Load 150-175 kg Back section adjustable. Oxygen cylinder holder Country of Manufacturer: USA/EU/Japan Quality Certificate: FDA510K/CE MDD/ Jp MHLW Mode: DDP Warranty: Comprehensive 01 Year	3
2	LARYNGOSCOPE PEADS Straight type. Blade set of 4. Blade Sizes 00,0,1, 2. SS/ corrosion free Blades.	1

SR #	NAME & DETAIL	QTY
	Dry Battery handle. Blades of stainless steel with integral light carrier. Fiber optic light carrier. Xenon/LED illumination of light source. Complete with batteries and carrying case. LOCAL/Imported Mode: DDP Warranty: Comprehensive 01 Year	
3	LARYNGOSCOPE ADULT Macintosh type. Blade set of 4. Blade Sizes 1, 2, 3, 4. SS/ corrosion free Blades. Dry Battery handle. Blades of stainless steel with integral light carrier. Fiber optic light carrier. Xenon/LED illumination of light source. Complete with batteries and carrying case. LOCAL/Imported Mode: DDP Warranty: Comprehensive 01 Year	1
4	SUCTION PUMP Mobile Suction Unit with twin jar system having capacity up to 2 or 3 litre each jar, autoclavable (polysulfone). 25 – 30 liters/minutes at 640-750mm Hg. Noise level 50dB or better. Vacuum continuously adjustable. 10X bacterial filter Complete aspiration set with tubing Overflow safety Device 220V/50Hz. I Phase Trolley with lockable wheels Country of Manufacturer: USA/EU/Japan Quality Certificate: FDA510K/CE MDD/ Jp MHLW Mode: CFR/CPT & DDP Warranty: Comprehensive 02 Year	6
5	HOT AIR OVEN Microprocessor based PID control Inner stainless steel and outer powder coated	1

SR #	NAME & DETAIL	QTY
	<p>Stainless steel chamber with adjustable shelves and a tough ended glass inner viewing door At least two shelves made of stainless steel with adjustable height positions</p> <p>The outer cabinet is to be rust resistant. Chamber Capacity: 50-60 Liters or more</p> <p>Adjustable temperatures from ambient +50C up to 2500C</p> <p>Stability: 0.50C</p> <p>Insulated control box</p> <p>Temperature Control display for accurate results</p> <p>Digital display to show the chamber temperature and time</p> <p>Indicator lamps to show when the heater is active and if an over temperature condition exists The over temperature safety cutout to be set by the user</p> <p>Power Source 220V, 50Hz AC</p> <p>Country of Manufacturer: USA/EU/Japan</p> <p>Quality Certificate: FDA510K/CE MDD/ Jp MHLW</p> <p>Mode: DDP</p> <p>Warranty: Comprehensive 01 Year</p>	
6	<p>INSTRUMENT CABINET</p> <p>Instrument and medicine cabinet of mild steel with EPC finish.</p> <p>Floor standing with double locking.</p> <p>Made of 20G steel .</p> <p>Glazed doors and 6 glass shelves.</p> <p>Size of 150 X 90 X 40cm approx..</p> <p>Local/Imported</p> <p>Mode: DDP</p> <p>Warranty: Comprehensive 01 Year</p>	1
7	<p>ICU MOTORIZED BED</p> <p>The mattress platform consists of four sections: a backrest, a fixed lying surface, a knee rest and a footrest.</p> <p>Backrest in solid laminate for x-ray translucency</p> <p>Built in Rechargeable Battery</p> <p>Sleeping position by means of one button</p> <p>Relax Position by means of one button</p> <p>Bed Length: Approx: 7 ft</p> <p>Bed Width and Side rails: Approx 3 ft</p> <p>Bedside rails: Approx: 3 ft</p> <p>Height Electrically adjustable</p> <p>Electric High Low Position (Height adjustment from 450-750mm)</p> <p>The electrically adjustable backrest</p>	8

SR #	NAME & DETAIL	QTY
	<p>Electric Trendelenburg/ Anti-Trendelenburg The angle between the backrest and knee rest is always at least 90°. Castors Ø 125 mm. with central brake system. Safe working load 230KG approx. Quick release for CPR. Hand Remote Control system (Back Rest, Knee Rest, High /Low) 220VAC, 50Hz Operation. Receptacles for IV rod. Horizontal protective bumpers. IV Rod Fixed Double Curve MATTRESS: Mattress (pressure reduction), High elasticity (resilience), Progressive hardness increase at deeper indentation (better bearing power), Small dynamic fatigue, Fire-retardant characteristics and with washable cover. BED SIDE CABINET: Laminated bedside table with MDF top panel, door, drawer and open space, castors dia 40 mm. OVER-BED TABLE: Reading/ meal table on base Colum at the left side Height adjustable</p> <p>Country of Manufacturer: USA/EU/Japan Quality Certificate: FDA510K/CE MDD/ Jp MHLW Mode: CFR/CPT & DDP Warranty: Comprehensive 01 Year</p>	
8	<p>ECG MACHINE THREE CHANNEL Three Channel ECG machine with at least 4 inches LCD display. Automatic Operation with Interpretation Variable gain: 1/2, 1, 2 cm/mV Thermal recorder for printing out three channels simultaneously. Recording Trace speed: 10, 25 and 50 mm/sec, Muscle artifact and AC (50Hz) interference filters Defibrillator protection Mains AC as well as battery operation. Built-in AC interference, noise filter and baseline drift control. Complete with standard accessories, including patient cable with paediatric & adult re-usable electrodes. Paper Roll 50. Conductive Jell 1.0L in small packing. Trolley (Local) with two shelves having antistatic lockable wheels.</p> <p>Country of Manufacturer: USA/EU/Japan Quality Certificate: FDA510K/CE MDD/ Jp MHLW Mode: DDP Warranty: Comprehensive 02 Years</p>	2

SR #	NAME & DETAIL	QTY
9	PULSE OXIMETER Non-invasive measurement of oxygen saturation and pulse rate with LED/ LCD display. Large display screen for plethysmography waveform Desktop model Display of Oxygen Saturation and Pulse Rate. Oxygen Saturation measurement range from 0 -100%. Pulse strength perfusion indication Pulse Rate measurement from 20-250 bpm. Visual and audible indication of alarms. High and low alarms settings. Adult finger and pediatric sensor (reusable type) 220 V/50Hz with minimum 2 hours battery backup. Country of Manufacturer: USA/EU/Japan Quality Certificate: FDA510K/CE MDD/ Jp MHLW Mode: DDP Warranty: Comprehensive 02 Years	11
10	HOSPITAL GRADE NEBULIZER HEAVY DUTY For nebulization of respiratory tracts. Hospital grade for continuous operation. Ultrasonically generated uniform and highly dense particles of 0.5-5 to 1.0-5.0 microns size. Approximately 65-70% of particles of less than 4 micron size. Autoclave able delivery pipes. Air flow of 20 L/min. Aerosol heating facility. Quiet operation with noise level of less than 40dB. Nebulizing time setting from 0-30 min. Medication Cup Capacity: 150 ml Power: 220 V, 50 Hz Delivery pipe/masks (all sizes). Stainless steel arm for flexible hose. Complete with bacteria filter Trolley, Local made Country of Manufacturer: USA/EU/Japan Quality Certificate: FDA510K/CE MDD/ Jp MHLW Mode: DDP Warranty: Comprehensive 01 Year	1
11	ICU MONITOR Operating Features and Characteristics: Non-fade TFT/LCD color display	3

SR #	NAME & DETAIL	QTY
	<p>Electro-surgical interference suppression/protection Defibrillator protection Freeze and cascade facility. Waveform traces speed; 25 / 50mm/sec. Screen size: min. 12" TFT/LCD colour display. Parameters: ECG : Numeric: heart rate. Waveform : Real time and freeze ECG trace NON-INVASIVE BLOOD PRESSURE (NIBP): Method: Oscillometric principle Numeric: systolic, diastolic and mean pressure Selectable auto inflate interval settings Rising cuff/continuous pressure display. Temperature: Numeric: temperature selectable in °C/°F. Pulse Oximetry: Numeric: 0-100% oxygen saturation measuring range. Waveform-plethysmograph pulse with pulse strength indication. Reusable sensor electrode. Arrhythmia Analysis: Arrhythmia analysis and ST analysis. Respiration: Breathe rate display and settable apnea alarms. Sweep speed; 6.25, 12.5 mm/sec. INVASIVE BLOOD PRESSURE (IBP): IBP Dual Channel /Three Channel CAPNOGRAPHY (etCO2) Main or side Steam measurement Other Features: 48 Hours Trend data; graphical and tabular Alarms: High & low (settable) on all parameters Visual and audible indication of alarms. Printer Built in Printer Two / Three Channel Operating Requirements: AC 220 V/50Hz Built-in rechargeable battery for at least 1 - 2-hour AC power failure at full parameter. Note: The system must be complete with all sensors, probes, cables or any other accessories required for measuring all the above selected parameters for</p>	

SR #	NAME & DETAIL	QTY
	<p>adult and paediatrics; reusable type.</p> <p>Country of Manufacturer: USA/EU/Japan Quality Certificate: Compliance of minimum two quality standards from FDA510K/CE MDD/ Jp MHLW Mode: DDP Warranty: Comprehensive 03 Years</p>	
12	<p>CENTRIFUGE MACHINE</p> <p>Speed 4400 – 6000 rpm. Capacity 6 / 8x15ml of fixed angle rotor. Built in speedometer Variable speed control Lid locking and braking device Time switch 0 to 30 minutes' Digital display of time and speed. Brushless Motor system 220 VAC 50 Hz</p> <p>Country of Manufacturer: USA/EU/Japan Quality Certificate: FDA510K/CE MDD/ Jp MHLW Mode: DDP Warranty: Comprehensive 01 Year</p>	2
13	<p>CLINICAL MICROSCOPE</p> <p>Standard microscope with infinity color corrected optics Binocular head, adjustable inter papillary distance. Tube head with an inclination of 30 Degree or more. Rotating quadruple/ quintuple nose piece. Adjustable stage with Vernier scale and spring clip for slides, Co axial controls. Condenser carrier, vertically/horizontal adjustable. Bright field condenser Aperture iris diaphragm. Kohler illuminator LED. Variable intensity control system Eyepiece lenses: - X 10 wide field, focusable Objective lenses (Plan Achromat) 4x, 10x, 40x &100x</p> <p>Country of Manufacturer: USA/EU/Japan Quality Certificate: FDA510K/CE MDD/ Jp MHLW Mode: DDP Warranty: Comprehensive 01 Year</p>	3
14	<p>COMPUTERIZED HEAMODIALYSIS MACHINE</p> <p>Computerized programmable with LCD TFT display Variable Bicarbonates/ Acetate concentration Automatic Control of various set bicarbonates proportions Programmable</p>	4

SR #	NAME & DETAIL	QTY
	<p>Ultra Filtration with control or varying rate Automatic priming with Display Display for service diagnostic and calibration Automatic clean and rinsing mechanism Automatic disinfectant mechanism Blood pump 20-400 ml/ min Machine capable to adjusts blood pump as per diameter of tubes. Heparin pump 0-10 cc/hour Selectable Dialysate Flow, 300 - 600ml/ min or better Temperature control up to 39°C (Adjustable) Arterial Pressure Monitor -200mmHg to + 200mmHg or better Venous Pressure Monitor - -60mmHg to + 400mmHg or better Ultra filtration control rate control, 0-4 L/hour Air Bubble Detector, Air bubble detector alarm threshold Blood leak detection, infrared type Automatic battery backup 15 min or better Conductivity Control: Acetate and Acid Solution 13-15 µS/cm and for Bicarbonate solution 20-40 µS/cm Different type of Dialysate Solution preparation Endotoxin Filter Module Integrated B.P Monitor Battery/ backup time for 15 minutes Should have integrated disinfection facility for chemical and temperature with short and long-term programs.</p> <p>Water Treatment Unit (for 06 Dialysis Machines): Complete with pre-filtration of charcoal, sand water softener, ultraviolet sterilize able automatic water pressure system and R.O. Including all special high-quality P.V.C Pipes/fittings/tanks, motors, stainless steel pumps and other fittings. The quality of the water standard must be certified or as per recommendations of the manufacturer of Dialysis machines. Capacity of water treatment Unit will be 180 Liters per hour. Continuous online monitoring of pH and conductivity. All components of System will be imported and can be assembled locally. The Water Treatment Unit should be compatible (as per requirement of the quoted product) to the Computerized Hemodialysis Machine and should be suitable according to the site requirements of District Mianwali Hospitals.</p> <p>Note: Lowest will be determined as follows;</p> <p>Lowest bid = Total Price of Four Main Units with three years comprehensive warranty + One water treatment Unit DDP Price</p> <p>Country of Manufacturer: USA/EU/Japan</p>	

SR #	NAME & DETAIL	QTY
	Quality Certificate: FDA510K/CE MDD/ Jp MHLW Mode: CFR/CPT & DDP Warranty: Comprehensive 03 Years	
15	INFANT WARMER (Mobile Type) Mobile Baby warming system with bassinet. Microprocessor controlled heating system. Fail safe system. Mobile with castors, lockable, bumper guard. Manual heat output control: 0% to 100% Skin and Manual temp control settings Digital Display range of temperature: LCD / LED Heating power/ source: 500 W or better Selection for operating modes: Skin or Manual Audio Visual Safety Alarms for power failure, over temperature Pivot arm technology for heating. Head should be moved in both directions allowing X- Ray procedure without moving the baby. Power : 220V, 50Hz Secured side panels Country of Manufacturer: USA/EU/Japan Quality Certificate: FDA510K/CE MDD/ Jp MHLW Mode: DDP Warranty: Comprehensive 03 Years	1
16	RESUSCITATION TROLLEY/ CRASH CART Dedicated Crash Cart for emergencies Dished stainless steel / Polymer top. Approx. 630 x 445mm. 25mm dished. Lift-up laminated work flap Approx. 300 x 450 Three size drawers 9 inch (01), 6inch (01) & 3 inch (3). Lower cupboard with central locking/securing all drawers and cupboard. Operated by cupboard door and use of security seals. Double hook stainless steel I.V. Pole. Double push handle Low level plastic bumper bar Quality cushion castors (2 x braking) 1x stainless steel cylinder holders for D or E size cylinders. Cardiac board 600 x 400 x 55mm with stainless steel housing brackets at rear of trolley. Universal rail system fitted to width of trolley. 6" aneroid sphygmomanometer with adult velcro cuff and rail clamp (Riester/W.A Baum or equivalent). Venturi suction unit with O ₂ outlet and 2.0 liter jar (Flowmeter/DeltaP/TM or equivalent) O ₂ flow meter fitted to O ₂ venturi outlet 0-15 lpm.	7

SR #	NAME & DETAIL	QTY
	<p>(Flowmeter/DeltaP/TM or equivalent) Intubation set comprising:</p> <ul style="list-style-type: none"> • Macintosh laryngoscope with 4/5 blade set. (Riester/Welch Allyn or equivalent) • Magill introducing forceps (Local as per approved sample) • Adult resuscitator (Brand: Ambu/ VBM or equivalent) • Set disposable E.T. tubes (Local as per approved sample) • Set Guedel airways (Local as per approved sample) • Pen torch (Camelion or equivalent) • Artery forceps (Local as per approved sample) • Dressing scissors (Local as per approved sample) • Set plastic tubes (BD or equivalent) <p>Examination light to rail clamp</p> <p>Country of Manufacturer: USA/EU/Japan Quality Certificate: FDA510K/CE MDD/ Jp MHLW Mode: DDP Warranty: Comprehensive 01 Years</p>	
17	<p>VACUUM EXTRACTOR</p> <p>Oil free and noise free, vibration free suction unit Noise level 50dB or less. Aspiration rate of 30 liter per min at 0-640 mmHg Vacuum continuously adjustable Vacuum meter in mmHg or kPa and regulator, on / off switch Casing with carry handle and fitting rail Suction tubing (2) silicone tubing with coupling connection Suction bottle (2), autoclave able 2 liters each (polysulfone). 10X bacterial filter Vaccum Extractor with various combination of silicon cups Silicon cup 50 mm & Silicon 60 mm; sterilizable/ autoclave able, Foot Vacuum Regulator 220V/50Hz. I Phase Trolley with lockable wheels</p> <p>Country of Manufacturer: USA/EU/Japan Quality Certificate: FDA510K/CE MDD/ Jp MHLW Mode: DDP Warranty: Comprehensive 02 Years</p>	1
18	<p>MOBILE OPERATION LIGHT</p> <p>Mobile emergency shadow less operation light with hermetically dust proof lamp head. LED lamps with 30,000hrs life.</p>	3

SR #	NAME & DETAIL	QTY
	<p>Minimum light output 120,000 lux or more at 1-meter Colour rendering index, 93 (at least). Colour temperature min. 4300-4500 Kelvin. Field of illumination focusable: 15-20 cm. Complete with Two sterilizable handles Maintenance free battery with charger. Automatic change over to battery in case of mains failure and back again. Atleast 2-hours battery backup time. 220 V / 50 Hz 1 Phase and battery operation.</p> <p>Country of Manufacturer: USA/EU/Japan Quality Certificate: FDA510K/CE MDD/ Jp MHLW Mode: CFR/CPT & DDP Warranty: Comprehensive 03 Years</p>	
19	<p>BABY COT Acrylic transparent Baby Tub with mattress size 2 inch. 12 degrees Trendelenburg, 6 degrees reverse Trendelenburg. Four 75 mm individually braking castors. All structural parts to be finished with durable nylon polyester coating. To be supplied with mattress, I.V. pole and bracket. One Lower compartment with door for storage of baby belongings.</p> <p>Local/Imported Mode: DDP Warranty: Comprehensive 01 Year</p>	4
20	<p>DELIVERY TROLLEY STAINLESS STEEL Overall Approx. Dimension: (L) 24" x (W) 18" x (H) 32" Stainless Steel tubular frame 16SWG Mounted on four 125 mm dia castors wheels with synthetic body, two with brakes and two without brakes. Two Stainless Steel drawers one 4" second should be 6" with protective Railings on three sides.</p> <p>Local/Imported Mode: DDP Warranty: Comprehensive 01 Year</p>	5
21	<p>STRETCHER/PATIENT SHIFTING TROLLEY Complete SS Structure 2 sections Patient Shifting Trolley/Stretcher. Oxygen Bottle Holder Wire basket Bumper at all corner to protect trolley</p>	20

SR #	NAME & DETAIL	QTY
	<p>Patient Safe Working Load capacity min 150 kg or more. (Local)</p> <p>Local/Imported Mode: DDP Warranty: Comprehensive 01 Year</p>	
22	<p>WHEEL CHAIR</p> <p>Made of heavy gauge steel seem less tubing. Manual self-propelling. Single hand brake for both wheels Push handles with anti-slip material. Seat width of 50cm with washable material. Suitable for patient's up to 125kg. 20cm Solid front swivel able wheels and 60cm rear wheels. Seat height of 50cm.</p> <p>Local/Imported Mode: DDP Warranty: Comprehensive 01 Year</p>	14
23	<p>B.P APPARATUS (DESKTOP ,MERCURY)</p> <p>Mercury with die cast metal housing. Large reservoir with spilling over arrangement (auto lock), tube with 3 mm silicone. Molded latex free inflation bladder of high quality. Latex free inflation bulb fitted with filter to reduce dust build up. Air release valve with filter for precise deflation control. High visibility graduations. Rubber bulbs. Velcro cuff with marking for Adult & Peads.</p> <p>Country of Manufacturer: USA/EU/Japan Quality Certificate: FDA510K/CE MDD/ Jp MHLW Mode: DDP Warranty: Comprehensive 01 Year</p>	17
24	<p>CPAP (PEADS)</p> <p>A device for delivery of continuous positive airway pressure (CPAP) through servo control mechanism for constant flow of oxygen/air to the patient at a preselected pressure Display to display the digital data. Airway pressure range to be user settable Controls to be easy to operate, numbers and displays to be clearly visible. Display of CPAP Pressure, Alarms Level, O2 concentration and</p>	1

SR #	NAME & DETAIL	QTY
	<p>Spontaneous breathing frequency. Alarms to alert user to" not in connection, Overpressure, Supply pressure of O2 and Air, O2 concentration, upper and lower CPAP Pressure. CPAP range: 2-10 mbar FiO2 : 21-100% Provision of overpressure safety valve Humidifier with patient circuit (reuse able). Air compressor internal / external to produce air for making air/ oxygen mixture. Noise level less than 50dB Trolley with lockable wheels Rechargeable battery with at least 4hrs backup time 220V, 50Hz Accessories: Continuous flow with breathing circuits Continues flow breathing kits Flow masks</p> <p>Country of Manufacturer: USA/EU/Japan Quality Certificate: FDA510K/CE MDD/ Jp MHLW Mode: CFR/CPT & DDP Warranty: Comprehensive 02 Years</p>	
25	<p>X-RAY FILM PROCESSOR</p> <p>High throughput. Continuous roller transport Sheet film, 10x10cm-35x43cm sizes (14"x17") High through put more than 90 sheets (35 x 43cm). Forced hot air circulation method Piping installed in the DEV and FIX racks. Processing solution temperature; Controlled by the temperature control tank with heater heating and wash water cooling. Drying temperature; Controlled automatically according to a fixed temperature setting. 220 V, 50 Hz. Original Trolley/Stand.</p> <p>Country of Manufacturer: USA/EU/Japan Quality Certificate: FDA510K/CE MDD/ Jp MHLW Mode: DDP Warranty: Comprehensive 03 Years</p>	2
26	<p>HAND WASH SCRUB (Double bay)</p> <p>Stainless steel construction of non-magnetic material 304. Stainless Steel gauge 16, argon welded. Two bay system, bay size 5-6'x3'x2'. Mechanical water valve Stopped basin anti splash ends. Elbow operating water flow.</p>	2

SR #	NAME & DETAIL	QTY
	Soap dispensing wall mounted LOCAL Mode: DDP Warranty: Comprehensive 01 Year	
27	B.P APPRATUS WALL TYPE Mercury with die cast metal housing. Large reservoir with spilling over arrangement (auto lock), tube with 3 mm silicone. Molded latex free inflation bladder of high quality. Rubber inflation bulb fitted with filter to reduce dust build up. Air release valve with filter for precise deflation control. High visibility graduations. Rubber bulbs. Velcro cuff with marking for Adults/ Peads. Complete with basket for storage of cuffs. Country of Manufacturer: USA/EU/Japan Quality Certificate: FDA510K/CE MDD/ Jp MHLW Mode: DDP Warranty: Comprehensive 01 Year	4
28	DEFIBRILLATOR Biphasic transthoracic (external) defibrillator with LCD color display Synchronized output with ECG. Energy selection on control panel and paddles for external defibrillation. Energy delivery on paddles for external defibrillation. Energy selection and delivery on control panel for internal defibrillation. Charging Indicators. The energy range should be adjustable for peads and adults up to 200 Joules. Charging Time for full energy will be less than 06 sec. Colour Screen Size of approx. 5 inch. Display of HR, ECG through paddles and Lead I, II & III patient cable. Built in recorder for printing of full summery on standard 50mm paper. Alarms for High and low Heart rate, low battery warning. Built-in Rechargeable battery with charger for minimum 50 shocks at max. energy. Auto tester/ self-check. External adults Paddles AC 220V / 50Hz operated. Set of pediatric paddles Trolley (Local) with two shelves having antistatic lockable wheels. Country of Manufacturer: USA/EU/Japan Quality Certificate: FDA510K/CE MDD/ Jp MHLW	1

SR #	NAME & DETAIL	QTY
	Mode: DDP Warranty: Comprehensive 03 Years	
29	ICU VENTILATOR Ventilation: Microprocessor controlled powerful ventilation system mounted on trolley LCD/TFT color screen 15" Minimum. Patient Range: Neonates, Pediatrics and Adult capability Breathing classification: Pressure control, Volume control and pressure control with set Volume Breath. Autoclavable reusable patient tubing circuit for peds and adult (01 each) Modes of Ventilation: Volume control Assisted CMV Pressure control PS Assist Pressure support CPAP SIMV+ Pressure support Non-invasive ventilation Bi-level Ventilation Control: Set & measured parameters simultaneously. Measurement range/ specification: Inspiratory tidal volume :10 to 2000ml or better. Respiratory frequency :10-100 bpm SIMV breath frequency :1-50 bpm Inspiratory pressure :10-80 cm H2O Inspiratory flow :80 cm H2O I : E ratio :1:4/4:1 PEEP :0 -20 cm H2O FiO2/ O2 delivery: 21 - 100% (through paramagnetic sensor- non-consumable) Monitoring Parameters for set and measured value simultaneously: Total breath rate. Oxygen concentration measurement FIO2 CO2 monitoring capability Expired minute volume Peak expiratory flow I : E ratio Peak Pressure Mean pressure Lung Mechanics with pressure and volume loops.	3

SR #	NAME & DETAIL	QTY
	<p>Others Control And Functions: Back up ventilation Pause time INSP Microprocessor gas delivery system Breath circuit Compliance Compensation Expiratory hold/ Inspiratory hold Panel lock for safety Pressure and flow trigger sensitivity Trigger sensitivity indication Alarms: Apnea AC power failure High and low Expired minute volume High and low peak air way pressure High and low breath rate FiO2 variation Low and high base line pressure Gas supply source failure Low battery</p> <p>Humidifier: Automatic compensation controlled heated humidifier with temperature monitoring at air way and humidification camber with alarm for low/ high limits with water tarp in the patient circuit. Nebulizer: Nebulization mode of the patient during ventilation Supply requirements: Electric 220V/50Hz with internal chargeable battery backup min for 1.0 hr. Compressor Low Noise external Compressor system for powerful ventilation.</p> <p>Note: THE WARRANTY OF EQUIPMENT WILL INCLUDE ALL CONSUMABLES LIKE BATTERIES, OXYGEN SENSOR AND FLOW SENSOR ETC.</p> <p>Country of Manufacturer: USA/EU/Japan Quality Certificate: Compliance of minimum two quality standards from FDA510K/CE MDD/ Jp MHLW Mode: CFR/CPT & DDP Warranty: Comprehensive 03 Years</p>	
30	<p>MANUAL RESUSCITATOR ADULT Resuscitation bag for adult with masks Autoclaveable silicon resuscitator for adult consisting of 1,500-2,000 ml (approx) Bag with Mask for adult (large) Reservoir bags of 2-liter capacity approx... Complete set in carrying case</p> <p>Country of Manufacturer: USA/EU/Japan Quality Certificate: FDA510K/CE MDD/ Jp MHLW Mode: DDP Warranty: Comprehensive 01 Year</p>	4

SR #	NAME & DETAIL	QTY
31	<p>MANUAL RESUSCITATOR PEADS</p> <p>Resuscitation bag for Paeds with masks Autoclaveable silicon resuscitator for Paeds consisting of 600-700 ml Bag with Mask for Paeds Reservoir bags of 1.0-liter capacity approx...</p> <p>Complete set in carrying case</p> <p>Country of Manufacturer: USA/EU/Japan Quality Certificate: FDA510K/CE MDD/ Jp MHLW Mode: DDP Warranty: Comprehensive 01 Year</p>	4
32	<p>MORTUARY REFRIGERATOR</p> <p>Fully hygienic construction for body cooling. Fully automatic cooling system with built-in automatic defrost system and evaporator Deep freezing cells temperature range to -20°C or less Ambient temperature: max. + 35°C Tier / 2 doors system Capacity: 2 corpses Door: Hermetically sealing, chromed fittings and individual key locks. Body trays: Made of heavy gauge stainless steel with each body-tray positioned on a pair of one end opening mortuary cooling chamber. Protections to avoid contact with rear wall. Insulation: 75-80mm polyurethane (100% CFC free) or better The joints between the panels shall be closed hygienically. Electronic temperature controller with digital temperature display showing temperature of inside of cell including temperature alarm. Inner light with Light switch. Automatic dew water elimination& melting ice drainage outlets Doors; Single door open to the outside with magnetic profile gasket with jacket for name tag. Lock system. Emergency inner opening device when door is locked from outside Insulation: 75-80mm or better Door frame made of stainless steel. Refrigeration Refrigerating unit: Hermetically sealed, air-cooled, vibration-free, adjusted to interior temperature. Compact, ready to plug in refrigeration unit adjustable temperature down to -20°C Installation on top of cold room or behind cold room. Time controlled automatic defrost cycles. Sound level: 60 dB approx. or better</p>	1

SR #	NAME & DETAIL	QTY
	<p>Refrigerant: R404a/ Green Gas Power: AC 220V / 50Hz Complete unit with Body Loading Trolley</p> <p>AUTOPSY TABLE: Dissecting / Autopsy Table Fixed type. Glue underlay to reduce noise, Inclined in direction of sink. Support column made from stainless steel with water- protected plug-in socket and lever mixing battery for cold and hot water with hose-shower. With telephone showers. Built in sprinklers to wash the body. Slid able body support on table. Dimension Table Length x Width x Height 2600 x 850 x 850 mm approx.</p> <p>Country of Manufacturer: USA/EU/Japan Quality Certificate: FDA510K/CE MDD/ Jp MHLW Mode: CFR/CPT & DDP Warranty: Comprehensive 02 Years</p>	
33	<p>DENTAL UNIT Dental Chair with hydraulic / electric chair movement, headrest and standard backrest. Preset chair positions: start and rinsing position. Programmable chair positions. Last memory holds function. Low chair position with emergency treatment position. Chair movement will be controllable by dentist and assistant touch panels, as well as the multifunctional foot control. Main switch to control air, water and power. Chair-instrument lock enables safe operation; the chair is locked while an instrument is working. With safety system, backrest and seat movement can be stopped once it meets obstacle.</p> <p>Dentist Element Hanging arm hoses, instrument side tray. Height of dentist element will be adjustable. Control panel can be used for operating functions, such as chair movement, preset and programmable positions. Cup filler, bowl rinsing, operating light on/off and intensity adjustment.</p> <p>Equipped With:</p>	2

SR #	NAME & DETAIL	QTY
	<p>1 three way syringe. 3 hand piece hoses for air turbine or air motor. 1 air pressure guage. 1 silicon mat which can be sterilized.</p> <p>Assistant Element With an angle adjustable support arm. With suction filter system for easy cleaning Full-functional touch panel mounted on the assistant element.</p> <p>Equipped With: 2 High speed Non-Fiber Optic Air turbine (Push type) with two spare rotors 1 High speed Fiber Optic Air turbine (Push type) 1 slow speed air motor with straight & contra angle attachments (Push type) 1 built in Electric scalar (Peizo Type) with three tips 1 Air Compressor oil free minimum tank capacity 24 liter 1 three-way syringe 1 saliva ejector Water Unit Fresh Water bottle (1.5L) A switch to choose city water or fresh water bottle Programmable cup filler and bowl rinsing systems. Air venturi / motorized system and air water separator Extra safe hygiene distilled water bottle attachment.</p> <p>Operating Light (LED Type) Brightness is 23,000 Lux, LED type Light on/off and intensity can be controlled both from dentist as well as assistant's side</p> <p>Dental Working Stools (Qty-02) Mobile on 5 castors Height of seat and backrest is adjustable. Backrest angle is adjustable and lock able</p> <p>Water Treatment Unit Water treatment unit for supplying the treated water to the unit. Locally assembled with USA/Europe/Japan Parts.</p> <p>DENTAL INSTRUMENT SETS (03 sets with each Unit) LOCAL, FDA Approved) Dental Forceps Kit (1x12) Teeth extraction forceps, upper anterior, straight, upper premolar, upper molar, (right and left), lower anterior, BD forceps, lower full molar forceps Bannet forceps, cross bar elevators (right and left), Filling Instruments</p>	

SR #	NAME & DETAIL	QTY
	<p>Amllagam gun, burnisher (Small, Medium, and Large), carver, matrix band retainer and strips, pastel and mortar, glass slab, cement spatula, plugger all sizes, condenser (Small, Medium, and Large), Examination Sets Diagnostic kit : mouth mirror, probe, twizer, excavator, plastic instruments, Cross Bar Elevator Periostial Elevator all sizes (Small, Medium, and Large), Guage Elevator (1x3) (Small, Medium, and Large) curve root elevators, Bone Files (Small, Medium, and Large), Wire Cutter (Small, Medium, and Large), carbide tips Plaster Instrument (Spatula) Impression bowl, Spatula, trays all sizes Wax Knife Wax Carver Measurement Gauge Blade Handle Hand Scaling Instrument Periodontal scaler Inter Dental Scaler Periodontal measuring Probe</p> <p>Note: The firm will be responsible for complete installation including minor civil works related to water draining system.</p> <p>OPTIONAL ;</p> <p>Light Cure Unit (OPTIONAL SEPRATE PRICE) LED type Light curing unit consist of Base unit with holder for hand piece Hand piece Digital Timer for adjusting of different time settings. Standard cable operation Standard light probe.</p> <p>Digital Intra Oral Camera (OPTIONAL SEPRATE PRICE) Computer assisted Digital intra oral camera with high definition LCD monitor 19 Inch, Mounted on unit. The monitor will also display the X-Rays from X-Ray Units.</p> <p>Cautery Unit (OPTIONAL SEPRATE PRICE) Dental Cautery machine</p> <p>Country of Manufacturer: USA/EU/Japan Quality Certificate: FDA510K/CE MDD/ Jp MHLW</p>	

SR #	NAME & DETAIL	QTY
	Mode: CFR/CPT & DDP Warranty: Comprehensive 03 Years	
34	AUTOCLAVE Portable Horizontal Steam Sterilizer Water feeding system with water tank sensor to check the water quality and a water distiller for production of water for the Sterilizer. Stainless Steel Chamber of 304/316L Temperature Range upto 134 ⁰ C at least Digital display Fully automatic, programmable microprocessor type Capacity 20-25 liters/ 5-7kg load/ cycle 4-5 piece of stainless steel/ Aluminum trays compatible with the steam sterilization. One piece of holder for unloading of trays. Country of Manufacturer: USA/EU/Japan Quality Certificate: FDA510K/CE MDD/ Jp MHLW Mode: DDP Warranty: Comprehensive 03 Years	3
35	DENTAL X RAY MACHINE Compatible with Digital Sensors and Traditional Films 100% imported Scissor arm and mobile stand from the original manufacturer Short exposure times especially suitable for digital imaging Microprocessor controlled Tube Current 3.5 mA or better Tube voltage 60-70 kV or better Focal point 0.8mm or better with filtration system Exposure time automatic adjustable Patient types: Child and Adult Automatic Selection of dose by Tooth selection Timer with integrated circuit Tube head with 360° rotations with beam limiter Power on light signal, x-ray emission light signal Country of Manufacturer: USA/EU/Japan Quality Certificate: FDA510K/CE MDD /Jp MHLW Mode: DDP Warranty: Comprehensive 03 Years	2
36	ULTRASONIC SCALER Ultra-sonic dental scalar unit with replaceable scaling tip Power input: 220-240 VAC, 50Hz Water irrigation system	1

SR #	NAME & DETAIL	QTY
	<p>Detachable scaling tips can be sterilized at 134°C Works on scaling modes Operating Frequency: 28,000-32,000 Hz At least 3 Scaling tips along with wrench and foot switch</p> <p>Country of Manufacturer: USA/EU/Japan Quality Certificate: FDA510K/CE MDD /Jp MHLW Mode: DDP Warranty: Comprehensive 01 Year</p>	
37	<p>LIGHT CURING LIGHT UNIT LED type Light curing unit consist of Base unit with holder for hand piece Hand piece Digital Timer for adjusting of different time settings. Standard cable operation Standard light probe.</p> <p>Country of Manufacturer: USA/EU/Japan Quality Certificate: FDA510K/CE MDD /Jp MHLW Mode: CFR/CPT & DDP Warranty: Comprehensive 01 Year</p>	1
38	<p>ENDOMOTOR Clinical Purpose Use in Root Canal Treatment (R.C.T) Portable unit to perform root canal preparation in several treatment rooms. Battery-powered unit and can be used during charging. The machine should have file library User interface for easy operation with tillable display for optimum view. Integrated/Separate apex locator for optimal measuring accuracy without a file clamp when using the Contra-angle hand piece. Automatic Motor Stop Rotation Clockwise and anticlockwise Wire / Wireless Treatment The unit should be equipped with a storage battery with the backup time of 2 hours or better. Frequency: 50-60Hz Power: 30W or better Motor Speed: 1000 -13000 rpm or better Torque: 0.3 - 5 N cm</p> <p>Country of Manufacturer: USA/EU/Japan</p>	1

SR #	NAME & DETAIL	QTY
	Quality Certificate: FDA510K/CE MDD /Jp MHLW Mode: DDP Warranty: Comprehensive 01 Year	
39	DENTAL INSTRUMENT SETS Dental Forceps Kit (1x12) Teeth extraction forceps, upper anterior, straight, upper premolar, upper molar, (right and left), lower anterior, BD forceps, lower full molar forceps Bannet forceps, cross bar elevators (right and left), Filling Instruments Amalgam gun, burnisher (Small, Medium, and Large), carver, matrix band retainer and strips, pastel and mortar, glass slab, cement spatula, plugger all sizes, condenser (Small, Medium, and Large), Examination Sets Diagnostic kit : mouth mirror, probe, twizer, excavator, plastic instruments, Cross Bar Elevator Periosteal Elevator all sizes (Small, Medium, and Large), Gauge Elevator (1x3) (Small, Medium, and Large) curve root elevators, Bone Files (Small, Medium, and Large), Wire Cutter (Small, Medium, and Large), carbide tips Plaster Instrument (Spatula) Impression bowl, Spatula, trays all sizes Wax Knife Wax Carver Measurement Gauge Blade Handle Hand Scaling Instrument Periodontal scaler Inter Dental Scaler Periodontal measuring Probe Local FDA Approved Mode: DDP	8
40	SPINE BOARD Dimensions: 16" x 72" x 2.5" ($\pm 10\%$) Thickness, 2.3 inches 14 handholds belts/straps Handhold width of 2 inches Handhold length of 5.25 inches Minimum storage space for 2 boards of approximately 4.00 inches	1

SR #	NAME & DETAIL	QTY
	Country of Manufacturer: USA/EU/Japan Mode: DDP Warranty: Comprehensive 01 Year	
41	PATIENT FOOT STEP Construction of frame out of 1" steel pipe 16 SWG Finish with decomposition paint Top out of 5/8th solid wood pressed with quality Vinyl tile on face Two steps LOCAL Mode: DDP Warranty: Comprehensive 01 Year	10
42	DENTAL CABINET MULTI DRAWER Cabinet to give the optimum working conditions for the dentist and assistant. This unit to have sides and back panels manufactured from sheet steel. The four legs to have height adjustable feet to allow self-leveling, the feet to be hidden by plastic coated wooden bases. Length 1.5-2m approx. The unit to have three shallow and three other drawers, to be molded plastic with rounded corners for easy cleaning. Suitable drawer inserts. The top to be post formed and to fit over all the units to give a seamless working surface. Local Mode: DDP Warranty: Comprehensive 01 Year	1
43	OPERATING MICROSCOPE (EYE) Operation microscope for ophthalmology Floor stand mount microscope body with 5 step magnification changer XY coupling Built-in coaxial illumination with red reflex. Motorized Fine focusing Coarse focusing manual or motorized Objective f=175-200mm Binocular tube: inclined Eyepiece: 10 X or 12.5X with dioptric adjustment Dust cover sterilize-able protective caps for all drive knobs	1

SR #	NAME & DETAIL	QTY
	<p>LED illumination/Halogen with Fiber Optic cable with controllable intensity Water proof foot control with Multi-Function) with complete adjustment functionality</p> <p>Country of Manufacturer: USA/EU/Japan Quality Certificate: FDA510K/CE MDD/ Jp MHLW Mode: CFR/CPT & DDP Warranty: Comprehensive 03 Year</p>	
44	<p>ELECTROSURGICAL UNIT</p> <p>Microprocessor based electrosurgical unit for normal and under water cutting usages. Automatic self-test function. Operation in Radio Frequency range. Controls for cutting, coagulation, spray and blends. Mono polar cutting power of 300 watts. Mono polar coagulation power of 100 Watts. Bipolar coagulation power of 50 Watts. Spray coagulation mode. Floating output with bipolar coagulation. Different gradations of blending of cutting and coagulation power. Digital display of all controls and set values of cutting and coagulation power. Audio and visual alarms on fault occurrence. Earth free patient circuit. Reusable Silicon patient plate (Adult and Paeds one each). Double paddle foot switch, explosion proof. Monopolar handle with cord. Bipolar forceps with cord. Trolley (local) with two shelves having anti-static lockable wheels. 220V, 50 Hz.</p> <p><u>Accessories/ electrodes:</u></p> <ul style="list-style-type: none"> • Attachment for Monopolar Coagulation Handle with 2 Activating Buttons • Knife Electrode, 25mm Long • Surgical Electrode, Ball-Shaped, 4mm Dia Wire Loop Electrode, 10mm Dia • Needle Electrode, Str. Isolated, 125 mm Ball Electrode, 5mm Dia • Needle Electrode, 100mm • Bipolar Cable for Forceps with Flat Socket • Bipolar Coagulation Forceps, 220mm 	1

SR #	NAME & DETAIL	QTY
	Country of Manufacturer: USA/EU/Japan Quality Certificate: FDA510K/CE MDD/ Jp MHLW Mode: DDP Warranty: Comprehensive 03 Years	
45	OPERATION TABLE Mechanical/ Hydraulic Operation Table. Table Top (Radiolucent) with antistatic mattress 4/5 sections and equipped with X-Ray cassette holder. Sturdy table for minimum patient weight of 150 kg handling capability. Stainless steel base cover, 4 swivel castors Table Top: <ul style="list-style-type: none"> • Head plate • Back plate • Seat plate • Leg plate. Movement: <ul style="list-style-type: none"> • Full Length Radio translucent table top with X-Ray Cassette • Up and down movement height range: Approx 750-1000mm • Trendelenberg/Reverse Trendelenberg position • Lateral tilt Approx 15° • Back plate: Approx up 70° /down 40-50° • Manual Leg plate movement: Approx up 20°/down 90° Accessories: <ul style="list-style-type: none"> • Arm rest with clamp • Anesthesia screen • Large width body strap • Adjustable bottle holder rod Optional; <ul style="list-style-type: none"> • Divided Leg Section Country of Manufacturer: USA/EU/Japan Quality Certificate: FDA510K/CE MDD/ Jp MHLW Mode: CFR/CPT & DDP Warranty: Comprehensive 03 Years	1
46	CLINICAL MICROSCOPE Standard microscope with infinity color corrected optics Binocular head, adjustable inter papillary distance. Tube head with an inclination of 30 Degree or more. Rotating quadruple/ quintuple nose piece. Adjustable stage with Vernier scale and spring clip for slides, Co axial controls.	1

SR #	NAME & DETAIL	QTY
	<p>Condenser carrier, vertically/horizontal adjustable. Bright field condenser Aperture iris diaphragm. Kohler illuminator LED.</p> <p>Variable intensity control system</p> <p>Eyepiece lenses: - X 10 wide field, focusable</p> <p>Objective lenses (Plan Achromat) 4x, 10x, 40x &100x</p> <p>Country of Manufacturer: USA/EU/Japan</p> <p>Quality Certificate: FDA510K/CE MDD/ Jp MHLW</p> <p>Mode: DDP</p> <p>Warranty: Comprehensive 01 Year</p>	
47	<p>LAB INCUBATOR</p> <p>Microprocessor based PID control</p> <p>Inner stainless steel and outer powder coated</p> <p>Stainless steel chamber with adjustable shelves</p> <p>At least two shelves made of stainless steel with adjustable height positions</p> <p>The outer cabinet is to be rust resistant.</p> <p>Chamber Capacity: 50-60 Liters or more</p> <p>Adjustable temperatures upto 60°C</p> <p>Stability: 0.50°C Insulated control box Temperature Control display for accurate results. Digital display to show the chamber temperature and time Indicator lamps to show when the heater is active and if an over temperature condition exists the over temperature safety cutout to be set by the user Power Source 220V, 50Hz AC</p> <p>Country of Manufacturer: USA/EU/Japan</p> <p>Quality Certificate: FDA510K/CE MDD/ Jp MHLW</p> <p>Mode: DDP</p> <p>Warranty: Comprehensive 01 Year</p>	1
48	<p>ELECTROLYTE ANALYZER</p> <p>ISE System, For measuring electrolytes K, Na, Cl in, plasma, Serum and Urine Sample Volume according to design.</p> <p>Simultaneous display of measured values.</p> <p>Complete with standard and operation accessories including pack of reagents.</p> <p>Built-in Printer.</p> <p>Suitable online Sine wave UPS with Battery backup for 30 minutes (APC/EMERSON/WRL/MGE or equivalent)</p> <p>220V, 50 Hz operated.</p> <p>The reagents should be freely available in the market.</p> <p>Country of Manufacturer: USA/EU/Japan</p>	1

SR #	NAME & DETAIL	QTY
	Quality Certificate: FDA510K/CE MDD/ Jp MHLW Mode: DDP Warranty: Comprehensive 02 Years	
49	WATER BATH Capacity: 4-6 Liters. Thermostatically controlled: up to 80°C. Accuracy: $\pm 0.5^{\circ}\text{C}$. Inner stainless steel, Digital Display, gabled cover, over-temperature protection, digital indication, timer. Complete with all standard accessories. Power: 220V, 50Hz. Country of Manufacturer: USA/EU/Japan Quality Certificate: FDA510K/CE MDD/ Jp MHLW Mode: DDP Warranty: Comprehensive 01 Year	1
50	AUTOMATIC PIPPETT SETS Automatic Pipette set Micro pipettes with tip ejector. 100-1000 μl , 10-100 μl , 0.5-10 μl . Digital display for instant read out of volume setting. Disposable tips (10 x 100) Nos. Country of Manufacturer: USA/EU/Japan Quality Certificate: FDA510K/CE MDD/ Jp MHLW Mode: DDP Warranty: Comprehensive 01 Year	10
51	SLIDE VIEWER Laboratory Slide viewer. LED Light. 220V, 50Hz Mode: DDP Warranty: Comprehensive 01 Year	1
52	PHOTOTHERAPY UNIT Overhead infant phototherapy unit; LED type Selectable irradiance intensity levels Spectral irradiance High irradiance mode: 45-50 $\mu\text{W}/\text{cm}^2/\text{nm}$ Low irradiance mode: 20-25 $\mu\text{W}/\text{cm}^2/\text{nm}$ Wavelength range between 430-465 nm LED lamps life 30,000 – 40,000 hours Maximum noise level 25 dB (A) Height adjustment 1200 mm to 1600 mm from light Head unit dimensions 350 mm x 225 mm	1

SR #	NAME & DETAIL	QTY
	Head unit tilting position Effective surface area 50 cm x 30 cm at 35 cm from the light source Operating Voltage 220 V/ 50Hz . Country of Manufacturer: USA/EU/Japan Quality Certificate: FDA510K/CE MDD/ Jp MHLW Mode: DDP Warranty: Comprehensive 01 Year	
53	STEAM STERILIZER Horizontal type Steam Sterilizer, One door Built-in Electric Steam Generator Stainless Steel Chamber of 316L Water Tank Sensor for water quality checking Temperature Range upto 134 ⁰ C at least Digital touch screen/key pad display min 4" for pressure, cycle, time etc. Fully automatic, programmable microprocessor type There should be Vacuum, Bowie Dick tests facility. Capacity 100 Liters Approx with 30-40kg instrument load in a cycle Stainless steel compatible trays for sterilization. System should be with water treatment unit Country of Manufacturer: USA/EU/Japan Quality Certificate: FDA510K/CE MDD/ Jp MHLW Mode: CFR/CPT & DDP Warranty: Comprehensive 03 Years	1
54	DELIVERY SET Containing the following Instruments: 1 Episiotomy Scissors 22 cm (Qty: 1) 2 Scissors Straight Mayo 6 1/4" (Qty: 1) 3 Plain Forceps 7" (Qty: 1) 4 Tooth Forceps 7" (Qty: 1) 5 Needle Holder 6 1/4" (Qty: 1) 6 Needle Holder 8" (Qty: 1) 7 Sponge Holding Forceps 10" (Qty: 2) 8 Straight Clamps 8" (Qty: 4) 9 Sims Sepculum (Qty: 2) 10 Kidney Tray 10" (Qty: 1) 11 Bowl 8" (Qty: 1) 12 Bowl 4" (Qty: 1) 13 Artery Forceps cvd 5" Mosquito (Qty: 4) 14 Artery Forceps CVD 8" (Qty: 4) 15 Metal Catheter 6" (Qty: 2)	5

SR #	NAME & DETAIL	QTY
	16 Outlet Forceps Wrigley (Qty: 1) Local, FDA Approved	

SR #	NAME & DETAIL	QTY
ELECTRICITY / PLANT AND MACHINERY		
55	<p>IMPORTED DIESEL GENERATOR WITH IMPORTED CANOPY (200 KVA)</p> <p>Supplying, Installation, Commissioning and Testing at site of brand new "Fully Imported" water cooled 220 KVA Stand By and 200 KVA Prime Powered Diesel Generator Set suitable for operation at 50 Degree Centigrade and 90% relative humidity consisting of painted welded steel bed plate frame-work to accommodate engine and alternator complete with electronic / mechanical governor to give regulation to BS-5514 Class A1 or Equivalent, Fly wheel, heater energized by the incoming main supply from heavy duty maintenance free batteries, battery charger, air / oil / fuel filters, control panel with voltage regulator, radio interference suppressor, frequency meter, voltmeter, ammeter, hours run meter, KWH meter, emergency stop push button, radiator, fuel tank with ancillary piping works with gauge, fuel pump, exhaust system, heavy duty residence grade silencer suitable for 200KVA prime rating 400 / 230 Volts 50 Cycles / sec at 1500 RPM for 3-phase 4-wire system, sound proof / weather proof canopy / housing, free standing / wall mounted Automatic Transfer Switch (ATS) Panel consisting of all best quality branded controls and monitoring instruments, power & control cable for making connection with the main electrical panel of the building I/C cost of all material, labor & accessories and commissioning spares, all related civil works/ RCC Foundation / Earthing to first water level, all accessories (best quality) etc required for normal operation and functioning complete in all respects as per requirement of the Manufacturer and as approved by the client.</p> <p>i. GENERATOR TYPE:</p> <p>Generator should be fully imported with imported canopy in (Europe/USA/JAPAN)</p> <p>Heavy duty fabricated steel skid type base-frame with anti-vibration mounting/ isolators.</p> <p>Skid mounted radiator, fan & protecting guards.</p> <p>Diesel day fuel tank for minimum 8 hours of continuous run with gauge.</p> <p>Earthing & Neutral connections up-to first water level.</p> <p>Automatic / Manual start-up option</p> <p>10% Overload capability for ONE hour in 12 hours period of operation.</p> <p>Generator Mounted Mains Control Circuit Breaker</p>	1

SR #	NAME & DETAIL	QTY
	<p>ii. ENGINE Country of Origin (EUROPE/USA/JAPAN) Standby Power 220 KVA Prime Power 200KVA 4 Stroke Diesel Engine with Electronic / Mechanical Fuel Governor Water Cooled Direct coupled with Alternator Self-Ventilated / Regulated Speed 1500 RPM No. of Cylinder: Vertical or Inline 6 Aspiration: Natural / Turbo charged. Ambient Temperature: 50 Degree Centigrade Cooling system: Water cooled. Tropical Radiator with water level switch or indicator Exhaust System: Heavy Duty Residential Grade Silencer with suitable Exhaust pipe Governor: Electronic / Mechanical</p> <p>iii. ALTERNATOR Country of Origin (EUROPE/USA/JAPAN) Brushless Self-excited Automatic Voltage Regulated Automatic Frequency Regulated 400/230 Volt 3-Phase, 4 Wire, 50 Hz (Nominal frequency) H Type Insulated</p> <p>iv. PROTECTIONS Overload Shutdown Short Circuit Shutdown Low Oil Pressure Shutdown High Water Temperature Shutdown Under / Over Speed Shutdown Under-Voltage Shutdown Over-Voltage Shutdown Over-Winding Temperature Shutdown Over-Voltage Monitoring and Tripping Low-Voltage Monitoring and Tripping Phase Sequence Monitoring and Tripping Phase Failure Monitoring and Tripping Any other protection deemed essential or available with the equipment</p> <p>v. CONTROL PANEL: MONITORING AND METERING</p>	

SR #	NAME & DETAIL	QTY
	<p>Microprocessor Based Control Panel equipped with a minimum of following monitoring and metering features:</p> <p>A. MONITORING</p> <ol style="list-style-type: none"> 1. Automatic Alarm Monitor or Indication 2. Under / Over Voltage and Current 3. Speed / RPM 4. Temperature 5. Frequency 6. Low Oil Pressure 7. High Coolant Temperature 8. Fail to Start 9. Low / High Battery Voltage Meter <p>B. METERING</p> <ol style="list-style-type: none"> 1. Voltage 2. Current / Amperes 3. Frequency 4. Hours Run 5. Power (KWH) 6. Oil Pressure 7. Temperature 8. Speed (RPM) <p>vi. SOUND PROOF CANOPY</p> <ol style="list-style-type: none"> 1. Imported (Europe /USA/Japan) sound proof / weather proof canopy/ housing made with 14-16 SWG MS sheet compatible with the supplied equipment and generator manufacturer company's standards to reduce the noise level to 65dB(A) at 7 meter.(Preferably Hospital Grade) 2. Shall be accessible all around made in accordance with the generator manufacturer's standards having suitable size doors (say 40x48" or appropriate) open-able, detachable and lockable on both sides to provide adequate access to the generator for repair and maintenance purposes and suitable openings for radiator exhaust, silencer exhaust and fuel tank etc and proper insulation with fire proof material on the inner side to maintain heat levels to permissible limits, duly painted with good quality water proof and weather proof paint. Similarly a suitable lockable arrangement required for control panel. 3. Any other provisions in accordance with generator manufacturer's requirements. <p>vii. BATTERIES</p> <ol style="list-style-type: none"> 1. Maintenance Free 2. Battery Rack and Cable / Leads 	

SR #	NAME & DETAIL	QTY
	<p>3. Auto Battery Charger when Generator is operational</p> <p>4. Auto Battery Charger when Generator is non-operational</p> <p>viii. STANDARD ACCESSORIES</p> <p>1. Standard Tool Kit</p> <p>2. Technical and Operation Manual (Two Sets)</p> <p>ix. AUTOMATIC TRANSFER SWITCH (ATS) PANEL</p> <p>Cabinet Type Free Standing / Wall Mounted Imported or Local ATS Panel System according to Manufacturer's Standards consisting of all necessary controls and monitoring instruments with all internal wiring and Auto Start / Stop and Auto Transfer arrangements suitable for 200 KVA Prime Powered Generating Set using best quality branded electrical / electronic components, internal wiring and box including all accessories complete in all respects.</p> <p>(Components being used in Control Panel must of EUROPE/USA/Japan Origin)</p> <p>x. POWER CABLE AND CONTROL CABLE</p> <p>1. Power Cable: 150 mm², 4-core = 1 meters or as per site requirement</p> <p>2. Control Cable: 2.5mm² 4-core = 1 meters or as per site requirement</p> <p>xi. CIVIL WORKS</p> <p>Complete RCC foundation for 200 KVA Generator in accordance with the Manufacturer's Design / Specifications or as approved by the client including cost of all material, labor and transportation / carriage charges etc complete in all respect.</p> <p>xii. EARTHING</p> <p>Earthing up-to water level as per prevailing standards i/c the cost for Boring, Pipe, Copper Strip, Copper Wire, making connections and all other related materials and labor complete in all respect.</p> <p>xiii. WARRANTY</p> <p>Comprehensive 12 months or 2000 hours of operation (whichever occurs Later) Parts and Labour / Replacement Warranty from the date of commissioning / Issuance of delivery certificate excluding the cost of consumables as described.</p> <p>xiv. SERVICE LEVEL AGREEMENT (SLA)</p> <p>A comprehensive Service Level Agreement (SLA) will be signed by Successful bidder separately for 5 years which will cover general/periodical service and maintenance.</p>	

SR #	NAME & DETAIL	QTY
	<p>Note: the firm will mention the complete detail make, model, origin of all the main components of Generator including Alternator, Engine, Genset etc.) Otherwise the offer of the firm will be rejected.</p> <p>Country of Manufacturer: USA/EU/Japan Mode: DDP Warranty: Comprehensive 03 Years</p>	
56	<p>2 TON AIR CONDITIONER (SPLIT) Split Type, Cooling capacity 24000 BTU/H, Invertor , Efficient air throw, remote control, Low voltage startup, Eco-friendly refrigerant, Energy efficient class, Energy saving technology, auto voltage adaptation 160V-260V, Must capable to work at 50°C environment temperature, Standard installation kit with outdoor unit mounting. Additional installation kit including pipes, Power cable, gas charging & etc. where required Heat &Cool function, 24 hour timer Piping (refrigerant & drain) ten feet length.</p> <p>Optional: The firm is directed to quote the price of piping (refrigerant & drain) per foot basis other than standard. Warranty: Standard One year Compressor : 03 year warranty Local/Imported Mode: DDP</p>	14
57	<p>2 TON AIR CONDITIONER (CABINET) Cabinet Type, Cooling capacity 24000 BTU/H, Invertor , Efficient air throw, remote control, Low voltage startup, Eco-friendly refrigerant, Energy efficient class, Energy saving technology, auto voltage adaptation 160V-260V, Must capable to work at 50°C environment temperature, Standard installation kit with outdoor unit mounting. Additional installation kit including pipes, Power cable, gas charging & etc. where required Heat &Cool function, 24 hour timer Piping (refrigerant & drain) ten feet length.</p> <p>Optional: The firm is directed to quote the price of piping (refrigerant & drain) per foot basis other than standard. Warranty: Standard One year</p>	06

SR #	NAME & DETAIL	QTY
	Compressor : 03 year warranty Local/Imported Mode: DDP	
58	4 TON AIR CONDITIONER (CABINET) Cabinet type Cooling Capacity 48000 BTU, Invertor, Heat and Cool, Rust resistant cabinet, Complete Copper Wiring/ Coiling/ Piping, Fire Proof Electric Box Precise Temperature Control, Low Startup Voltage Remote Control, Econo Cool, Easy Clean Super Quiet Fuzzy Logic, Powerful Cool Wide and Long Airflow, Computerized Dehumidification, Auto Restart, Self-diagnostic Function Electronic Metal Housing Box, 24 Hour Timer, Anti-Rust Anti-Allergy Enzyme Filter Catechin Plus Air Purifying System, Valve Protection Cover, LED Display. Piping (refrigerant & drain) ten feet length. Optional: The firm is directed to quote the price of piping (refrigerant & drain) per foot basis other than standard. Warranty: Standard One year Compressor : 03 year warranty Local/Imported Mode: DDP	02
59	CEILING FAN Type. Ceiling Fan Sweep. 56" or 1400MM Related Power . 75-80Watt Related Voltage. 230 ±10V Speed 330 RPM Air Delivery 8825 to 10595 cubic ft ³ /min or 3000 m ³ /min Frequency 50Hz Colour White Winding wire 99.9% super enameled copper Local/Imported Mode: DDP Warranty: Comprehensive 01 Year	15
60	BRACKET FAN Type. Bracket Fan Sweep. 18" or 450MM Related Power . 55-65Watt Related Voltage. 230 ±10V	30

SR #	NAME & DETAIL	QTY
	Speed 1350- 1475 RPM Air Delivery 3532 cubic ft ³ /min or 100 m ³ /min Frequency 50Hz Colour White Winding wire 99.9% super enameled copper Local/Imported Mode: DDP Warranty: Comprehensive 01 Year	
61	REFRIGERATOR 16CFT Double Door, Non-glass shelves, Compartment for fruits & vegetables, Direct Cool, Heavy insulation Thermostat control Eco-friendly refrigerant, Energy efficient class, Auto voltage adaptation 150V-240VAC. Built in Stabilizer Local/Imported Mode: DDP Warranty: Comprehensive 01 Year	02
62	LED TV 55" Resolution: Full HD (1080p) Color or Higher resolution, Aspect Ratio:16:9, Back-lit LED Technology, View angle 178/178 or appropriate Screen Diagonal Size = 55" or Higher, Narrow / Thin Bezel, Slim Screen, HD formats Supported, Video System: PAL/SECAM, Min.20W Sound Output, I/O Connectivity: AV In & Out, Component AV, HDMI Min. 2, VGA, Cable/Antenna-In, Auto Tuning, Min.1 USB(Video, Audio, Picture) Audio-Out, Screen Control Panel, OSD=English, Energy Saving Technology. 110~220VAC 50Hz, Fully Functional Remote Control. Wall Mounting kit. Onsite Installation of all Units Local/Imported Mode: DDP Warranty: Comprehensive 01 Year	10

SR #	NAME & DETAIL	QTY
63	BENCHES 3 Sitter Imported Bench Poly urethane with metal stand powder coated frame. Size 6'X2' (Blue color) Local/Imported Mode: DDP Warranty: Comprehensive 01 Year	100
64	ELECRIC WATER COOLER STAINLESS STEEL BODY 20 GALLON CAPACITY Stainless Steel Body (20-22 SWG energy efficient) Best quality imported compressor With two (2) outlets Stainless Steel top and body. Imported stainless steel and leak proof water tank Adjustable thermostat from 8 C - 14 °C High quality tank insulation Rust proof condenser (Preferably Copper Pipe) With copper pipe evaporator Imported no-capacitor fan motor Food grade tank Power up to 3400 BTU/hr Rated Capacity 19-22 USG/hr Capacity with room temp 32.2°C and inlet water 26.6°C 65 Litres/hr Compressor rating 385-400 watts Local/Imported Mode: DDP Warranty: Comprehensive 01 Year	08
65	DOCTORS ROOM FURNITURE EXECUTIVE TABLE Size: 1600 x 800 x 760 mm Structure made of 700 density chipboard pressed with shisham veneer on both sides. Wooden part with solid seasoned wood. With 3 drawers lockable Complete with NC lacquer dark finish. SIDE RACK-COMPUTER ENABLED Size: 1065 x 460 x 760 mm With keyboard tray, CPU box (tower casing) and with one lockable door. Complete structure made of 700 density chipboard pressed with shisham veneer on both sides. Complete finish with NC lacquer.	33

SR #	NAME & DETAIL	QTY
	<p>EXECUTIVE REVOLVING CHAIR High back revolving chair, seat/back cushioned with 1st quality foam. Complete with 5-leg revolving pedestal.</p> <p>EXECUTIVE VISITOR CHAIR Structure should be made of solid seasoned shisham wood. Seat/back with 1st quality foam covered with leatherite. Wooden parts should be finished with N. C. Lacquer</p> <p>Local/Imported Mode: DDP Warranty: Comprehensive 01 Year</p>	
66	<p>EXAMINATION COUCH Patients Examination couch made of stainless steel structure. Manually operated. Upholstery with washable material. Manual Head raise. Stainless Steel Foot step (two steps) with antistatic top</p> <p>LOCAL Warranty: One Year Comprehensive Mode: DDP</p>	15
67	<p>FIRE EXTINGUISHER (WATER BASED) Fire Extinguisher (Portable) Capacity 9 Ltr. (Foam) Minimum Period for Which Throw of Jet Maintained 25 sec Minimum Period to Discharge At Least 90% of Contents 60 sec Range Of Jet 6 mtr. Empty. Wt. (Approx.) 5.35 Kg. Full Wt. (Approx) 14.35 Kg. Fire Rating 4 A, 89 B Working Pressure 15 KGF/CM2 Hydro Pressure 35 KGF/CM2 Bursting Pressure 55 KGF/CM2</p> <p>LOCAL Warranty: One Year Comprehensive Mode: DDP</p>	60
68	<p>CPAP (ADULTS) A device for delivery of continuous positive airway pressure (CPAP) to the patient at a preselected pressure for adults. Airway pressure range to be user settable Display of CPAP Pressure. CPAP range: 4-20 mbar</p>	1

SR #	NAME & DETAIL	QTY
	Adjustable Ramp time and pressure Provision of overpressure safety valve Humidifier with patient circuit (reuse able). Noise level less than 50dB Rechargeable battery with at least 4hrs backup time 220V, 50Hz Accessories; Humidifier Pollen filter Reusable Continuous flow with breathing circuits Flow mask Country of Manufacturer: USA/EU/Japan Quality Certificate: FDA510K/CE MDD/ Jp MHLW Mode: DDP Warranty: Comprehensive 02 Years	
69	ACRYLIC BOARD Acrylic Board frame single glass with fitting Glass : Colorless Size: 20" x 25" Color : Black LOCAL Warranty: One Year Comprehensive Mode: DDP	94
70	ROSTRUM Size 24"X16"X42" made up of solid Sheshem wood, structure must be covered with lamination 700 density. Subject to sample approval. Local Mode: DDP Warranty: Comprehensive 01 Year	02
71	BLINDS FOR WINDOWS Translucent/Perforated Roller Blinds with suspension system. Made up of PVC, Chain Operated, Bottom edge should have sufficient weight to ensure blind remains in vertical position. Color: Light Blue, or Light Grey Unit of Measure (UOM) Sft. The price should be quoted in sft. All the blinds should include underlay. Local/Imported Mode: DDP Warranty: Comprehensive 01 Year	6,000
72	REFRIGERATOR GLASS DOUBLE DOOR	03

SR #	NAME & DETAIL	QTY
	Type: Cabinet Ambient Temperature Tolerant, Maximum at 49°C, Cooling Type : Forced air cooling Defrost Mode: Auto Refrigerant: CFC-Free Performance Noise level(idb): 42 Temperature Range : 2- 8C° Control: (Controller – Microprocessor) Display :LED Power Supply(V/Hz): 220-240/50 Power (W): 900 Capacity (Lit./Cu-Ft): 800-900/30-32. Functions: High/Low Temperature , Remote Alarm Accessories: Shelves/Inner doors, Temperature Recorder, Foot Built in Stabilizer. Local/Imported Mode: DDP Warranty: Comprehensive 01 Year	
73	REFRIGERATOR GLASS SINGLE DOOR CABINET TYPE Type: Cabinet Ambient Temperature Tolerant, Maximum at 49°C, Modern and up to dated Insulation, European or Equivalent technology Compressor, Solid Freezer, Twin evaporators and fans, energy saving, Good Interior, Adjustable Shelves, Grill Shelves, Vegetable Crisper, Environment Friendly, Energy Efficient, free from chlorofluorocarbons (CFCs), Low Noise, Display: LED Refrigerant: CFC – Free Defrost Mode: Auto Power Supply(V/Hz): 220-240/50-60 Capacity(Lit/Cu-Ft): 350-400/12-14 Controller: Microprocessor Power(W): 420-430 Functions: High/Low Temperature , Remote Alarm Accessories: Shelves/Inner doors, Temperature Recorder, Foot Built in Stabilizer Local/Imported Mode: DDP Warranty: Comprehensive 01 Year	07

SR #	NAME & DETAIL	QTY
74	AIR CURTAIN ON DOOR 5FT 150mm Single Phase, 50Hz 220-240V Fan Speed High/Low, High 1440-1560(m ³ /h), Low 1190-1350(m ³ /h), Input 165-180W, Air Velocity 13-17.5 m/sec, Starting Current 1.3 to 1.4A Weight 12-15Kg Complete with Supply & Installation of Air Curtains Local/Imported Mode: DDP Warranty: Comprehensive 01 Year	15
75	FIRE EXTINGUISHER (DCP) Stored pressure type; complete with controllable and discharge operating lever, delivery hose, discharge nozzle, Wall Bracket and initial fill; made under ISO 9001: 2008 Quality Control System; Certified by Pakistan Standard & Quality Control Authority 8 KG, Portable Type Subject to sample approval Local Mode: DDP Warranty: Comprehensive 01 Year	15
76	INDUSTRIAL EXHAUST Air Flow: 25000 m ³ /h Out Put: 0.55kw Voltage: 380V 50Hz Impeller Size: 54" to 54 " or 72-90" Impeller Material: Fiberglass /Steel Blades: 6-8 Blades Rotating Speed: 560 RPM Noise: ≥65db Size: 106x106x55cm Shutter: Yes Local/Imported Mode: DDP Warranty: Comprehensive 01 Year	2
77	PILLOWS Standard Size Pillows Length: 30" Width: 20" with Govt. of the Punjab insignia Hollow Fiber balls Weight: 800gm ±10gm Local/Imported Mode: DDP	180

SR #	NAME & DETAIL	QTY
78	BLANKETS WITH COVERS Fine quality single bed double ply blankets with cover Colour: Mehroon color/ Blue/ as per requirement Local/Imported Mode: DDP	124
79	MEDICINE IRON RACKS 8x6x2 Steel bolted sections should be manufactured from the best quality of raw material. Standard paint finish must be etched primed and stove. Electroplated nuts, bolts and washers shall be used. Upright frame. Manufacturing standard -Roll formed Upright size- 8' (External), Depth 2' (External) and Width 6' Total number of shelves is 05 Cross bracing 18 G Shoe 3MM Sturdy structure with beam, row spacer, column guard, frame and protector etc. Local Mode: DDP Warranty: Comprehensive 01 Year	30
80	MOVEABLE IRON STAIRS Aluminum Type Foldable and Moveable Height and Platform 6' Bottom Width 27" approx. Approx. Spread 56" Weighing Capacity 400kg Anti-slip footrest and base Local Mode: DDP Warranty: Comprehensive 01 Year	04
81	LIFTER Lifter Pallet manual hydraulic Lifting capacity of 2000kg. 4mm thick steel C/U Channel Fork width 500-550MM Powder Coated paint finish yellow Poly /Steel steer wheel	02

SR #	NAME & DETAIL	QTY
	<p>Cushioned handle Grooved lever plate and fool release pedal for quick and convenient lowering option Articulating axle for load stabilizing and acting as a shock absorber.</p> <p>Local/Imported Mode: DDP Warranty: Comprehensive 01 Year</p>	
82	<p>PALLETS 3'x4' RACKABLE Size, 1200 X 1000 X 150 MM Design, open bottom deck & plain single top deck Lift ability, 2-way entry + rack able Weight, 18.5 Kg ± 2 Kg Color Blue / Grey Static load 1.5 Metric Ton Racking load 1.0 Metric Ton Material Polypropylene Date-o-graph, available Corporate logo available Temperature Resistance centigrade, -30°-80° Rubber Stopper, No</p> <p>Local/Imported Mode: DDP Warranty: Comprehensive 01 Year</p>	30
83	<p>DEHUMIDIFIER The Extraction capacity : 25 litre /day or better Compressor type : DC Invertor , Digital Display, Humidistat from 30-80% RH, Minimum tank capacity 05 litres or better, Sound level less than 45 Db</p> <p>Country of manufacturer :USA/EU/Japan Mode: DDP Warranty: Comprehensive 01 Year</p>	02
84	<p>INSECT KILLER Input 220V-240V, 50HZ 6-8 Watt uv-lamp 2 lights, No poisonous Vapours irritating odour or contamination. Easy to install and clean low power consumption. Easy to replace tubes. High quality electronic components</p> <p>Local/Imported Mode: DDP</p>	45

SR #	NAME & DETAIL	QTY
	Warranty: Comprehensive 01 Year	
85	<p>FOWLER BED</p> <p>Over all dimensions: 39" W x 90" L x 21" H Approx</p> <p>Main Frame: Made of 16 SWG pipe 1" x 2" rectangular pipe section CO2 welded together at corners.</p> <p>End of Pipes be covered with special plastic bushes</p> <p>Mattress Frame: Should be in 4 parts</p> <p>The 2nd part fixed and 3 moveable parts made of 1" x 1" longitudinal & 3/4" cross pipes of steel square pipe of 16SWG.</p> <p>The end of each moveable part should be attached to the main frame by means of bolt having metal reinforced ABS plastic hinges.</p> <p>FIXED SIZES (Approx):</p> <ol style="list-style-type: none"> 1) Head Raise part: 24 3/4" x 33" 2) Fixed Part: 7" x 33" 3) Knee Bridge Part: 11 1/2" x 33" 4) Leg Rest part: 24 1/2" x 33" <p>Bedding area made of ABS mesh.</p> <p>Head Raise & Knee Raise by means of two crank</p> <p>The moving lifting pipe at both places be of 16SWG 1 - 1/4" rounded pipe across Head part with triangular brackets of 5/16" thick x 1- 1/4" x 12 plate and knee bridge part with triangular bracket of 3/8" thick steel plate at ends panel.</p> <p>The foot part should have vascular position with a comb mechanism for moving of foot part in knee bridge position.</p> <p>A surface bearing must be fixed for friction free movement</p> <p>The handle of the cranks should be retractable and collapsible and be made in one piece of 1/2" steel rod.</p> <p>Cranks main screw made of dia: 3/4" for knee steel rod with square / ACMI type of threading with safe limit mechanism.</p> <p>Head & Foot Part of Mattress frame have (Mattress stay) steel brackets CO2 welded for keeping the mattress in proper place.</p> <p>High quality head & foot panels made of ABS material. The height of head panel is greater than foot side; imported.</p> <p>The panels of both ends are protected by MS pipe from being damaging while moving/ pushing of the bed.</p> <p>Foundation Frame:</p> <p>Made of 16 SWG 1" x 2" Rectangular pipe welded together at corner.</p> <p>Bed is provided with I.V. Rod, S.S 5/8" dia, adjustable from (36" to 50"), with 4Nos Non traumatic prongs/ hooks. The provision is made to attach the IV rod on both side of the patient between mid and foot end area. Foot end should have hooks for urine bags hanging on both sides and N.G bag</p>	25

SR #	NAME & DETAIL	QTY
	<p>hook at head end of both sides.</p> <p>Bumpers: Four 6" rounded bumpers of made of flexible material at all corners.</p> <p>Castors: 5 " ball bearing rust proof, water proof , high quality Tante twin wheel castors with individual & swivel brake .</p> <p>Finish: All metals part to be chemically degreased / derusted through phosphate treatment and covered with Antimicrobial polyester powder coating.</p> <p>Welding: All metal parts should be welded by CO2 gas.</p> <p>Side Rails: Foldable side guards with smooth rounded plastic top and steel bars. Fixed to the bed on both sides covering 70% of platform length when engaged. Steel locking mechanism for strength. Minimum height when in use 30 cm from mattress platform; imported.</p> <p>Mattress: Best quality mattress foam of 4" thickness having density of 35-36 kg/m³. Water proof Rexene cover having best quality jersey and Zipper (as per approved sample).</p> <p>BED SIDE LOCKER: Powder coated sheet steel construction. Galvanized steel sheet 20 SWG. Two drawers with one bottom compartment. Built-in handles for durability. Plastic top laminated with raised edges on 3 side's .75mm twin castors rust proof waterproof, two lockable. Casters with rubber tires for noise free operation on floors. Buffers on all four corners. Compatible with the offered bed in color and functionality. All metal parts should be welded by CO2 gas. Approx. overall size: 18" W x 15" D x 34" H (Approx).</p> <p>OVER BED TABLE: Powder coated Mild steel construction. Stainless steel internal column. Gas spring assisted height. Height adjustable from 70 to 100cm adjustment. Compatible with the offered bed in color and functionality. Plastic top laminated with rounded edges and cup/glass holders Approx. top size: 80 x 32 cm (Approx). 50mm twin casters. Casters with rubber tires for noise free operation on floors. Base covered with stainless steel sheet for use as foot rest. All metal parts should be welded by CO2 gas.</p>	

SR #	NAME & DETAIL	QTY
	<p>ATTENDANT BENCH: MS Pipe/ tube base structure (1"x1½") with aluminum paint. Full Wooden Top of rose wood ¾" thick (best quality). Size of the bench is 60" x18"x15" (LxHxW) approx.</p> <p>Colour: The theme colour of all the items is blue, blue shades.</p> <p>LOCAL Mode: DDP Warranty: Comprehensive 01 Year</p>	
86	<p>THERMOMETER Mercury free type, clinical thermometer, graduated in centigrade and fahrenheit , digital display, with safety package case</p> <p>Country of manufacturer :USA/EU/Japan Mode: DDP Warranty: Comprehensive 01 Year</p>	40
87	<p>PATIENT CLINICAL STOOL (REVOLVING) Stainless steel structure Rust free 12" dia 18 SWG Height Adjustable for 43 to 55 cm Easy revolving on four-legged base made of steel tabular pipe 1x16 SWG. All four legs welded together with central 2" dia pipe having heavy duty nut inside.</p> <p>Local Mode: DDP Warranty: Comprehensive 01 Year</p>	08
88	<p>OFFICE TABLE Size: 1600 x 800 x 760 mm Structure made of 700 density chipboard pressed with shisham veneer on both sides. Wooden part with solid seasoned wood. With 3 drawers lockable Complete with NC lacquer dark finish.</p> <p>Local Mode: DDP Warranty: Comprehensive 01 Year</p>	05

SR #	NAME & DETAIL	QTY
89	OFFICE CHAIR Structure should be made of solid seasoned shisham wood. Seat/back with 1st quality foam covered with leatherite. Wooden parts should be finished with N. C. Lacquer. Local Mode: DDP Warranty: Comprehensive 01 Year	20
90	EXECUTIVE REVOLVING CHAIR High back revolving chair, seat/back cushioned with 1st quality foam. Complete with 5-leg revolving pedestal. Subject to approval of sample Local Mode: DDP Warranty: Comprehensive 01 Year	02
91	SOFA CHAIR Double Sofa Chair having dimensions 1750 W x 840 D x 800 H Fully upholstered with best quality foam and leatherite. Inner structure made of solid acacia wood. Local Mode: DDP Warranty: Comprehensive 01 Year	05
92	COMPUTER TABLE Computer Table having dimensions 1350 W X685 D X760 H Made of laminated Board with matching PVC edging and metal fins with powder coated finish. Local Mode: DDP Warranty: Comprehensive 01 Year	02
93	COMPUTER CHAIR Structure made on nylon seat & plywood back upholstered with best quality foam an fabric + arm in pp+ revolving reclining PU get lift mechanism pedestal. Local Mode: DDP Warranty: Comprehensive 01 Year	2
94	THREE SEATER BENCH 3 Sitter Imported Bench Poly urethane with metal stand powder coated frame. Size 6'X2' (Blue color) Local Mode: DDP	10

SR #	NAME & DETAIL	QTY
	Warranty: Comprehensive 01 Year	
95	WASTE BIN SET (3BINS) Material: Fiber glass reinforced plastic chopped with stranded mat Unsaturated polyester resin, Gel coated Pigment green/yellow/red. Upper end of cylinder folded outwards to fix the lid socket. Base of the cylinder reinforced to make the bin stable. Volume: 45-50 liters. Cylinder size (approx.): Height: 20inches, Diameter14-15 inches Cylinder Weight: 470-490 grams. Metal pins to be used for lid hinges Every bin required to be labeled in legible writing "Only for Hospital Waste" and/ or additional Text. Local/ Imported Mode: DDP Warranty: Comprehensive 01 Year	20
96	BED SHEET AND PILLOW COVERS Bed Sheet Length: 108 Bed Sheet Width: 66 With Govt. of the Punjab insignia woven (one in center) and 1.5 sides woven (Govt. Of the Punjab name) Best quality required, Subject to sample approval Pillows Cover: Standard Size Color: White, Light Blue, Light Grey, beige or any other color required by the Procuring Agency. Bed sheets and pillows cover should be printed with insignia of Govt. of The Punjab. Local Mode: DDP	12