

**CHIEF EXECUTIVE OFFICER, DISTRICT HEALTH
AUTHORITY, FAISALABAD**

**REFERENCE NO. CEO/DHA Faisalabad (P-II)-Equipment
& Machinery 2023-24**

BIDDING DOCUMENTS

**FOR THE PROCUREMENT OF FURNITURE /
FIXTURE / LABORATORY / MEDICAL / IT
EQUIPMENTS & PLANT / MACHINERY**

(FINANCIAL YEAR 2023-24)

**Address: Chief Executive Office, District Health
Authority, Near Halal-e-Ahmar Hospital, Zila
Council Chowk, Faisalabad.**

Ph#041-9200013

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INTRODUCTION

This template has been derived from Standard Bidding Documents (SBDs) (Goods) notified by Punjab Procurement Regulatory Authority (PPRA). This is guideline-bidding document for the Procuring Agencies (PAs) working under administrative control of Primary & Secondary Healthcare Department (P&SHD). This guideline document may be used by the PAs for the preparation and finalization of Bidding Documents for their procurement of Goods, which may also include other details, as per requirement of the procuring agencies, as far as they are not inconsistent with PPRA Act-09 and PPR-14. In case of any conflict between provision of this document and PPR-14, the later shall prevail.

Section-I: Invitation to Bids

DAILY DUNYA FAISALABAD www.dunya.com.pk

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فصل الثانی

شماره 3455 ب 2080 15-2023 28 1445 جاری الی 14

جلد نمبر 12

فون نمبر: 041-111-177-777، 041-8501297

پتہ: 10-30

THURSDAY, DECEMBER 28, 2023

TENDER NOTICE

FRAMEWORK CONTRACT (PHASE-II) FURNITURE/FIXTURE, LABORATORY/ MEDICAL/ IT EQUIPMENTS & PLANT / MACHINERY FOR THE FINANCIAL YEAR 2023-24

Tender Inquiry No. CEO/DHA Faisalabad(P-II)-Equipment & Machinery 2023-24

1. District Health Authority, Faisalabad invites sealed bids / tenders (Technical & Financial) from Manufacturers / Sole Agents of foreign manufacturers to conclude the Framework Contract for the procurement of Furniture / Fixture, Laboratory / Medical / IT Equipments & Plant / Machinery to the consignee's end on CFR / CPT / DDP / FOR basis (more specifically mentioned in bidding documents). Detailed technical specifications along with quantities of Furniture / Fixture, Laboratory / Medical / IT Equipments & Plant / Machinery are given in the Bidding Documents.
2. Bidders can download the Bidding Documents containing tender's items specifications, quantity, terms & conditions from the PPRA website (www.ppra.punjab.gov.pk) and Primary & Secondary Healthcare Department website (<https://pshealthpunjab.gov.pk/>) also until the closing date for the submission of bids. The bidding documents can be collected from the office of Chief Executive Office, District Health Authority, Near Halai-e-Ahmar Hospital, Zila council chowk, Faisalabad on paying fee of non-refundable bidding document Fee of Rs. 1,000/- (Rupees One Thousand only) for each item.
3. Bidding shall be conducted through Single Stage - Two Envelopes bidding procedure of Punjab Procurement Rules, 2014 amended upto date. The envelopes shall be marked as "FINANCIAL PROPOSAL" and "TECHNICAL PROPOSAL" in bold and legible letters. The outer envelope shall clearly be marked with Tender Enquiry No. for which the proposal is being submitted.
4. Sealed bids are required to be submitted by the Bidders on 11-01-2024 till 01:00PM positively in the Office of Chief Executive Office, District Health Authority, Faisalabad. The bids received till stipulated date & time shall be opened on the same day at 01:30PM in the presence of the bidders or their authorized representatives who choose to attend. Late bids shall not be entertained.
5. All bids should be submitted in Tape Binding. All documents should contain proper page marking, attached in sequence as indicated for evaluation in the Bidding Documents and signatures of authorized person. Moreover, signing and stamping of each page of bidding documents/form is mandatory.
6. In case the date of opening or last date of submission is declared as a public holiday by the government or non-working day due to any reason, the next official working day shall be deemed to be the date of submission and opening of tenders accordingly. The time and venue shall remain the same.
7. The firm is required to submit 2% of Estimated Cost as Bid Security alongwith the bid. Estimated Cost is mentioned in the bidding document against each item.

Note: The Procurement/Bidding Process shall be governed by the Punjab Procurement Rules, 2014 amended upto date. The firm is requested to read the Bidding Document Carefully.

District Health Authority, Faisalabad
Government of the Punjab
Primary & Secondary Healthcare Department
Focal Person: Muhammad Zaid
Cell No.0313-7006744, PTCL No.041-9200013

IPL-11125

Section-II: Instructions to Bidders (ITB)

Note:- All the procurement procedures shall be conducted in accordance with Punjab Procurement Authority Act-2009 and Punjab Procurement Rules-2014. In case of any conflict between the provision of this document and PPRA Act-2009/ PPRA Rules-2014, the later shall prevail.

2.1. Introduction

2.1.1 Scope of Bid

- i) The Procuring Agency (PA), as indicated in the Bid Data Sheet (BDS) invites Bids for the provision of Goods as specified in the Section-IV Bid Data Sheet (BDS) and Section III - Technical Specifications & Section VII-Schedule of Requirements. The successful Bidders will be expected to deliver, install/ commissioning) the goods within the specified period and timeline(s) as stated in the BDS.

2.1.2 Source of Funds

- i) Government of the Punjab

2.1.3 Eligible Bidders

- i) The Invitation to Bids is open to all suppliers i.e. association of firms/companies/sole proprietor registered with relevant Registration Authorities and Tax Departments.
- ii) Bidders should not be associated, or have been associated in the past, directly or indirectly, with a firm or any of its affiliates which have been engaged by the Procuring Agency to provide consultancy services for the preparation of the design, specifications, and other documents to be used for the procurement of the goods to be purchased under this Invitation to Bids [if applicable].
- iii) Government-owned enterprises may participate only if they are duly/ legally authorized in this regard by the respective/relevant competent forum/authority.
- iv) Bidders shall not be under a declaration of blacklisting by the Procuring Agency or PPRA.
- v) In the case of a Joint Venture, Consortium, or Association, all members shall be jointly and severally liable for the execution of the Contract in accordance with the terms and conditions of the Contract. The Joint Venture, Consortium, or Association shall nominate a Lead Member as nominated in the BDS, who shall have the authority to conduct all business for and on behalf of any and all the members of the joint venture, consortium, or association during the Bidding process, and in case of award of contract, during the execution of contract.
- vi) The appointment of Lead Member in the Joint Venture, Consortium, or Association shall be confirmed by

submission of a valid JV or Consortium agreement to the Procuring Agency (JV is not allowed).

- vii) Any agreement that form a Joint Venture, Consortium or Association shall be required to be submitted as part of the Bid and shall be attested (JV is not allowed).
- viii) Any bid submitted by the Joint Venture, Consortium or Association shall indicate the part of proposed contract to be performed by each party and each party shall be evaluated or post qualified with respect to its contribution only and the responsibilities of each party and shall not be substantially altered without prior written approval of the Procuring Agency and in line with any instructions issued by the Authority. (JV is not allowed).
- ix) The invitation for Bids is open to all prospective Supplier, Manufacturers or Authorized Agents/Dealers/Distributors subject to any provisions or licensing/regulatory requirements issued by the respective National/ Provincial Professional Statutory Body established for that particular trade or business as mentioned in bid data sheet.
- x) A Bidder shall not have a conflict of interest. All Bidders found to have a conflict of interest shall be Non-Responsive. A Bidder may be considered to have a conflict of interest with one or more parties in this bidding process, if they:
 - a) Are associated or have been associated for the procurement of the goods to be purchased under this Invitation for Bids, directly or indirectly with a firm or any of its affiliates which have been engaged by the Procuring Agency to provide consulting services for the preparation of the design, specifications and other documents to be used.
 - b) Have controlling shareholders in common; or
 - c) Receive or have received any direct or indirect subsidy from any of them; or
 - d) Have the same legal representative for purposes of this Bid; or
 - e) Have a relationship with each other, directly or through common third parties, that puts them in a position to have access to information about or influence on the Bid of another Bidder, or influence the decisions of the Procuring Agency regarding this Bidding process; or
- xii) A Bidder may be ineligible if –
 - (a) The Bidder is declared bankrupt or, in the case of company or firm, insolvent;

- (b) Payments in favor of the Bidder is suspended in accordance with the judgment of a court of law other than a judgment declaring bankruptcy and resulting, in accordance with the national laws, in the total or partial loss of the right to administer and dispose of its property;
 - (c) Legal proceedings are established against such Bidder involving an order suspending payments and which may result, in accordance with the national laws, in a declaration of bankruptcy or in any other situation entailing the total or partial loss of the right to administer and dispose of the property;
 - (d) The Bidder is convicted, by a final judgment, of any offence involving professional conduct;
 - (e) The Bidder is debarred and blacklisted due to involvement in corrupt and fraudulent practices in accordance with the provision of section 17A of PPRA Act, 2009 and Rule-21, read with Schedule appended with, Punjab Procurement Rules, 2014.
 - (f) The Bidder is debarred and blacklisted in general (i.e. to the extent of all public procurement) due to consistent performance failure in accordance with the section 17A of PPRA Act, 2009 and Rule-21, read with Schedule appended with, Punjab Procurement Rules, 2014.
 - (g) The firm, supplier and contractor is blacklisted/ debarred by any international organization.
- xiii) Bidders shall provide to the Procuring Agency evidence of their eligibility, proof of compliance with the necessary legal requirements to carry out the contract effectively.
 - xiv) Bidders shall provide such evidence of their continued eligibility satisfactory to the Procuring Agency, as the Procuring Agency shall reasonably request.
 - xv) Bidders shall submit proposals relating to the nature, conditions and modalities of sub-contracting wherever the sub-contracting of any elements of the contract amounting to more than ten percent of the Bid price is envisaged.

2.1.4. Eligible Goods and Services

- i) All goods and related services to be supplied under the Contract shall have their origin in eligible source countries, defined in the *Bid Data Sheet (BDS/Technical Specification)*, and all expenditures made under the contract will be limited to such goods and related services.
- ii) 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. Goods are produced when, through manufacturing, processing, or substantial and major assembly of components, a commercially recognized product is obtained that is substantially different in basic characteristics or in purpose or utility from its components.

iii) The origin of goods and services is distinct from the nationality of the Bidder. *In any case, the requirements of Rules 10 & 26 of PPR-14, shall be followed.*

2.1.5. Cost of Bidding

i) The Bidder shall bear all costs associated with the preparation and submission of its Bid, and the Procuring Agency named in the Bid Data Sheet, hereinafter referred to as “the Procuring Agency,” will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the Bidding process.

2.1.6. One person one bid

i) As per Rule 36A of Punjab Procurement Rules 2014, a Bidder shall submit only one Bid in the same bidding process, either individually as a Bidder or as a member in a joint venture or any similar arrangement.

ii) No Bidder can be a sub-contractor while submitting a Bid individually or as a member of a joint venture in the same Bidding process.

iii) A Bidder, if acting in the capacity of sub-contractor in any Bid, shall not submit bid for the same.

2.2. The Bidding Documents

2.2.1. Content of Bidding Documents

i) The goods required, Bidding procedures, and contract terms are prescribed in the Bidding documents. The Bidding documents, inter alia, include:

- (a) Invitation to Bids
- (b) Instructions to Bidders (ITB)
- (c) Technical Specifications
- (d) Bid Data Sheet
- (e) General Conditions of Contract (GCC)
- (f) Special Conditions of Contract (SCC)
- (g) Schedule of Requirements
- (h) Bid Form
- (i) Manufacturer’s Authorization Form
- (j) Bidder Profile Form

- (k) General Information Form
 - (l) Affidavit
 - (m) Bid Security Form
 - (n) Technical Bid Form
 - (o) Contract Form
 - (p) Financial Bid Form / Price Schedule
 - (q) Performance Guarantee Form
 - (r) Check List
- ii) The Bidder is required to examine all instructions, forms, terms, and specifications in the Bidding documents. Failure to furnish all information as required by the Bidding documents or to submit a Bid not responsive to the Bidding documents in every respect will be at the Bidder's risk and may result in the rejection of its Bid.
 - iii) In case of discrepancies between the Invitation to Bid and the Bidding Documents listed in **ITB 2.2.1 (i)** above, the said Bidding Documents, not in conflict with any provision of PPR-14, will take precedence.
 - iv) The Procuring Agency is not responsible for the completeness of the Bidding Documents and their addenda, if they were not obtained directly from the Procuring Agency or from its website or website of PPRA. Re-confirming from the Procuring Agency that all pages/ contents have been properly and clearly received is the prime responsibility of the Bidder.

**2.2.2.
Clarification of
Bidding
Documents**

- i) A prospective Bidder requiring any clarification of the Bidding documents may notify the Procuring Agency in writing or by email at the Procuring Agency's address indicated in Invitation to Bid/ Tender Notice/ Advertisement. The Procuring Agency will respond in writing to any request for clarification of the Bidding documents which it receives no later than seven (7) days prior to the deadline for the submission of Bids prescribed in the Bid Data Sheet. Written copies of the Procuring Agency's response (including an explanation of the query but without identifying) will be sent to all prospective Bidders that have received the Bidding documents.
- ii) A prospective Bidder requiring any clarification of the Bidding Documents may notify the Procuring Agency in writing or in electronic form that provides record of the content of communication at the Procuring Agency's address indicated in the **BDS**.

- iii) The Procuring Agency will within three (3) working days after receiving the request for clarification, respond in writing or in electronic form to any request for clarification provided that such request is received not later than seven (7) days prior to the deadline for the submission of Bids. As prescribed in **ITB 2.2.2 (i), above**. However, this clause shall not apply in case of alternate methods of Procurement.
- iv) Copies of the Procuring Agency's response will be uploaded on the website of procuring agency on given date (08.01.2024) and forwarded to identified Prospective Bidders through an expeditious identified source of communication, e.g.: e-mail etc., including a description of the inquiry, but without identifying its source.
- v) Should the Procuring Agency deem it necessary to amend the Bidding Documents as a result of a clarification, it shall do so following the procedure under **ITB 2.2.3**.
- vi) If indicated **in the BDS**, the Bidder's designated representative is invited at the Bidder's cost to attend a pre-Bid meeting at the place, date and time mentioned **in the BDS**. During this pre-Bid meeting, prospective Bidders may request clarification of the schedule of requirement, the Evaluation Criteria or any other aspects of the Bidding Documents.
- vii) Minutes of the pre-Bid meeting, if applicable, including the text of the questions asked by Bidders, including those during the meeting (without identifying the source) and the responses given, together with any responses prepared after the meeting will be transmitted promptly to all prospective Bidders who have obtained the Bidding Documents and by uploading same on the website of the procuring agency. Any modification to the Bidding Documents that may become necessary as a result of the pre-Bid meeting shall be made by the Procuring Agency exclusively through the use of an Addendum pursuant to ITB 2.2.3. Non-attendance at the pre-Bid meeting will not be a cause for disqualification of a Bidder.

**2.2.3.
Amendment of
Bidding
Documents**

- i) At any time prior to the deadline for submission of Bids, but not later than three (3) days before the closing date of the submission of Bid, 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. Any such change/amendment in the Bidding documents shall be provided in a timely manner, preferably through electronic means also, not later than three (3) days, and on equal opportunity basis as per Rule-25(3) OR Rule 25(4) of PPR-14 as the case may be.
- ii) In order to allow prospective Bidders reasonable time in which to take an addendum into account in preparing their

Bids, the Procuring Agency, at its discretion, may extend the deadline for the submission of Bids, as per rule 29 of PPR-14, in the manner similar to the original advertisements, so as to avoid any inconvenience and to doubly ensure level playing field for all prospective bidders.

2.3. Preparation of Bids

- 2.3.1. Language of Bid**
- i) 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 the language specified in the Bid Data Sheet. Supporting documents and printed literature furnished by the Bidder may be in same language.
- 2.3.2. Bid Form**
- i) The Bidder shall complete the Bid Form and the appropriate Price Schedule (Financial Bid) furnished in the Bidding documents, indicating the goods to be supplied, a brief description of the goods, their country of origin, quantity, and prices.
- 2.3.3. Bid Prices**
- i) The Bidder shall indicate on form 8.10 the unit prices (where applicable) and total Bid price of the goods it proposes to supply under the contract.
 - ii) Prices indicated on the Price Schedule shall be item wise
 - iii) The Bidder's separation of price components in accordance with ITB Clause 2.3.3(ii) above will be solely for the purpose of facilitating the comparison of Bids by the Procuring Agency and will not in any way limit the Procuring Agency's right to contract on any of the terms offered.
 - iv) Prices quoted by the Bidder shall be fixed during the Bidder's performance of the contract and not subject to variation on any account, unless otherwise specified in the Bid Data Sheet. A Bid submitted with an **adjustable price quotation** will be treated as non-responsive and may be rejected.
- 2.3.4. Bid Currencies**
- i) Prices shall be quoted in **Pak Rupees** for DDP items unless otherwise specified in the Bid Data Sheet. All DDP prices shall be inclusive of all applicable taxes.
- 2.3.5. Documents Establishing Bidder's Eligibility and Qualification**
- i) Pursuant to ITB Clause 2.1.3, the Bidder shall furnish, as part of its Bid, documents establishing the Bidder's eligibility to Bid and its qualifications to perform the contract if its Bid is accepted.
 - ii) The documentary evidence of the Bidder's eligibility to Bid shall establish to the Procuring Agency's satisfaction that

the Bidder, at the time of submission of its Bid, is eligible as defined under ITB Clause 2.1.3.

- iii) The documentary evidence, of the Bidder's qualifications to perform the contract if its Bid is accepted, shall establish to the Procuring Agency's satisfaction:
 - (a) that, in the case of a Bidder offering to supply goods under the contract which the Bidder did not manufacture or otherwise produce, the Bidder has been duly authorized by the goods' Manufacturer [*Manufacturer's Authorization form No. 8.3*] or producer to supply the same in Pakistan;
 - (b) that the Bidder has the financial, technical, and production capability necessary to perform the contract;
 - (c) that, in the case of a Bidder not doing business within Pakistan, the Bidder is or will be (if awarded the contract) represented by an Agent in that country equipped, and able to carry out the Supplier's maintenance, repair, and spare parts-stocking obligations prescribed in the Conditions of Contract and/or Technical Specifications; and
 - (d) that the Bidder meets the qualification criteria listed in the Bid Data Sheet.

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

- i) Pursuant to ITB Clause 2.1.4, the Bidder shall furnish, as part of its Bid, documents establishing the eligibility and conformity to the Bidding documents of all goods and related services which the Bidder proposes to supply under the contract.
- ii) The documentary evidence of the eligibility of the goods and services shall consist of a statement in the Price Schedule/Financial Bid Form of the country of origin of the goods and services offered which shall be confirmed by a **Certificate of Origin** issued at the time of shipment.
- iii) The documentary evidence of conformity of the goods and services to the Bidding documents may be in the form of literature, drawings, data and shall consist of:
 - (a) a detailed description of the essential technical and performance characteristics of the goods;
 - (b) a list giving full particulars, including available sources and current prices of spare parts, special tools, etc., necessary for the proper and continuing functioning of the goods for a period to be specified in the Bid Data Sheet, following commencement of the use of the goods by the Procuring Agency; and
 - (c) an item-by-item commentary on the Procuring Agency's Technical Specifications demonstrating **responsiveness** of the goods and services to those specifications, or a statement of deviations and

exceptions to the provisions of the Technical Specifications.

- iv) For purposes of the commentary to be furnished, the Bidder shall note that standards for workmanship, material, and equipment, as well as references to brand names or catalogue numbers designated by the Procuring Agency in its Technical Specifications, are intended to be descriptive only and not restrictive.
- v) Where a sample(s) is required by a procuring agency, the sample shall be submitted as mentioned in Bid Data Sheet (BDS):
 - (a) submitted as part of the bid, in the quantities, dimensions and other details requested in the **BDS**;
 - (b) carriage paid;
 - (c) received on, or before, the closing time and date for the submission of bids; and
 - (d) Evaluated to determine compliance with all characteristics listed in the **BDS**.
{However, the procuring agency may also opt to ask for samples after submission of technical bids (where required mentioned in BDS)}
- vi) The Procuring Agency may retain the sample(s) of the successful Bidder till the successful delivery of the goods. A Procuring Agency may reject the Bid if the sample(s)-
 - (a) do(es) not conform to all characteristics prescribed in the bidding documents; and
 - (b) is/are not submitted within the specified time clearly mentioned in the Bid Data Sheet.
- vii) Where it is not possible to avoid using a propriety article as a sample, a Bidder shall make it clear that the propriety article is displayed only as an example of the type or quality of the goods being Bided for, and that competition shall not thereby be limited to the extent of that article only.
- viii) Samples made up from materials supplied by a Procuring Agency shall not be returned to a Bidder nor shall a Procuring Agency be liable for the cost of making them.
- ix) All samples produced from materials belonging to an unsuccessful Bidder may be kept by the Procuring Agency till thirty (30) days from the date of award of contract or exhaust of all the grievance forums (including those pending at Authority's Level or in some Court of Law).
- x) **Pursuant to the requirements as indicated in ITB 2.3.6, the Bidder shall furnish, as part of its Bid, all those documents establishing the eligibility in conformity to the terms and conditions specified in the Bidding**

Documents for all goods and related services which the Bidder proposes to deliver.

- xi) The Bidder shall also furnish a list giving full particulars, including available sources and current prices of goods, spare parts, special tools, etc., necessary for the proper and continuing functioning of the Goods during the period **specified in the BDS** following commencement of the use of the goods by the Procuring Agency.
- xii) The required documents and other accompanying documents must be in English. In case any other language than English is used the pertinent translation attested by the embassy in country of manufacturer into English shall be attached to the original version.

2.3.7. Bid Security

- i) The Bidder shall furnish, as part of its Bid, a Bid security in the amount specified in the Bid Data Sheet.
- ii) The Bid security is required to protect the Procuring Agency against the risk of Bidder's conduct which would warrant the security's forfeiture Pursuant to ITB Clause 2.3.8. (vii).
- iii) The Bid security shall be in Pakistan Rupees and shall be in one of the following forms:
 - (a) Bank Guarantee, Bank call-deposit (CDR), Demand Draft (DD), Pay Order (PO) or Banker's cheque valid for 30 Days, beyond the validity of Bid.
- iv) Any Bid not secured in accordance with ITB Clauses 2.3.8 (i) and (ii) may be rejected by the Procuring Agency as non-responsive.
- v) Unsuccessful Bidders' Bid security will be discharged or returned as promptly as possible but not later than 30 days after the expiration of the period of Bid validity prescribed by the Procuring Agency pursuant to ITB Clause 2.3.8 (ii) or along with unopened financial proposal as per rule 38(2)(a)(vii) of PPR-14, which shall take precedence, and is as under:

“38(2)(a)(vii) the financial proposal of the Bids found technically non-responsive shall be retained unopened and shall be returned on the expiry of the grievance period or the decision of the complaint, if any, filed by the non-responsive Bidder, whichever is later:

provided that the Procuring Agency may return the sealed financial proposal earlier if the disqualified or non-responsive Bidder, contractor or consultant submits an affidavit, through an authorized representative, to the effect that he is satisfied with the proceedings of the Procuring Agency”.

- vi) The successful Bidder's Bid security will be discharged upon the Bidder signing the contract, pursuant to ITB

Clause 2.6.1, and furnishing the Performance Guarantee, pursuant to ITB Clause 2.6.2.

- vii) The Bid security may be forfeited:
 - a. If a Bidder withdraws its Bid during the period of Bid validity specified by the Bidder on the Bid Form; or
 - b. In the case of a successful Bidder, if the Bidder:
 - i. Fails to sign the contract in accordance with ITB Clause 2.6.3; **or**
 - ii. Fails to furnish Performance Guarantee in accordance with ITB Clause 2.6.2; or
 - iii. If the blacklisting proceedings under Section-17A of PPRA Act, 2009 read with Rule-21 of PPR-14 are initiated and the bidder is declared blacklisted after due process of law.

2.3.8. Period of Validity of Bids

- i) Bids shall remain valid for the period specified in the Bid Data Sheet after the date of Bid opening prescribed by the Procuring Agency. A Bid valid for a shorter period may be rejected by the Procuring Agency as non-responsive.
- ii) In exceptional circumstances, the Procuring Agency may solicit the Bidder's consent to an extension of the period of validity (as per rule-28 of PPR-14). The request and the responses thereto shall be made in writing (or by email). The Bid security provided under ITB Clause 2.3.8 shall also be suitably extended. A Bidder may refuse the request without forfeiting its
- iii) Bid security. A Bidder accepting the request will not be required nor permitted to modify its Bid.

2.3.9. Format and Signing of Bid

- i) The Bidder shall prepare an original and the number of copies of the Bid indicated in the Bid Data Sheet, clearly marking each "ORIGINAL BID" and "COPY OF BID," as appropriate. In the event of any discrepancy between them, the original shall prevail.
- ii) The Bidder shall authorize a person/ persons for signing, submission and further correspondence with Procuring Agency on behalf of bidder. Authority letter must be part of bid. However, in case of any issue bidder shall be responsible for all consequences.
- iii) The original and the copy or copies of the Bid shall be typed or written in indelible ink and shall be signed by the Bidder or a person duly authorized to bind the Bidder to the contract. All pages of the Bid, shall be signed and stamped by the authorized person.

- iv) Any interlineation, erasures, or overwriting shall be valid only if they are initialed by the authorized person for signing the Bid.
- v) The original and the copy or copies of the Bid shall be typed or written in indelible ink and shall be signed by the Bidder or a person duly authorized to sign on behalf of the Bidder. This authorization shall consist of a written confirmation as specified in the **BDS** and shall be attached to the Bid. The name and position held by each person signing the authorization must be typed or printed below the signature. All pages of the Bid, shall be signed and stamped by the authorized person.
- vi) Any interlineations, erasures, or overwriting shall be valid only if they are signed by the person or persons signing the Bidder.
- vii) The Bidder shall furnish information as described in the Form of Bid on commissions or gratuities, if any, paid or to be paid to agents relating to this Bid and to contract execution if the Bidder is awarded the contract.

2.4. Submission of Bids

2.4.1 Sealing and Marking of Bids

- i) As per Rule 24, the Bidder shall seal the original and each copy of the Bid in separate envelopes, duly marking the envelopes as "ORIGINAL" and "COPY." The envelopes shall then be sealed in an outer envelope.
- ii) The inner and outer envelopes shall:
 - a. be addressed to the Procuring Agency at the address given in the Bid Data Sheet; and
 - b. bear the title of procurement Activity indicated in the Bid Data Sheet, the Invitation to Bids (ITB) title and number indicated in the Bid Data Sheet, and a statement: "DO NOT OPEN BEFORE..... (time and date)," *[to be completed with the time and the date specified in the Bid Data Sheet, pursuant to ITB Clause 2.4.2.]*
- iii) 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 "late".
- iv) If the outer envelope is not sealed and marked as required by ITB Clause 2.4.1 (i), the Procuring Agency will assume no responsibility for the Bid's misplacement or premature opening.
- v) In case of Single Stage One Envelope Procedure, the Bidder shall seal the original and each copy of the Bid in separate envelopes, duly marking the envelopes as "ORIGINAL" and "COPY." The envelopes shall then be sealed in an outer envelope securely sealed in such a

manner that opening and resealing cannot be achieved undetected.

Note: The envelopes shall be sealed and marked in accordance with the bidding procedure adopted as referred in Rule-38 of PPR-2014, which shall have precedence.

- vi) The inner and outer envelopes shall:
 - a) Be addressed to the Procuring Agency at the address given in the **BDS**; and
 - b) Bear the title of the subject procurement or Project name, as the case may be as indicated in the **BDS**, the Invitation to Bids (ITB) title and number indicated in the **BDS**, and a statement: "DO NOT OPEN BEFORE," to be completed with the time and the date specified in the **BDS**, pursuant to **ITB 2.4.2**.

- vii) In case of Single Stage Two Envelope Procedure, The Bid shall comprise two envelopes submitted simultaneously, one called the Technical Proposal and the other Financial Proposal. Both envelopes to be enclosed together in an outer single envelope called the Bid. Each Bidder shall submit his bid as under:
 - a) Bidder shall submit his **TECHNICAL PROPOSAL** and **FINANCIAL PROPOSAL** in separate inner envelopes and enclosed in a single outer envelope.
 - b) **ORIGINAL** and each copy of the Bid shall be separately sealed and put in separate envelopes and marked as such.
 - c) The envelopes containing the **ORIGINAL** and copies will be put in one sealed envelope and addressed / identified as given in **BDS**.

- viii) The inner and outer envelopes shall:
 - a) be addressed to the Procuring Agency at the address provided in the **BDS**;
 - b) bear the name and identification number of the contract as defined in the **BDS**; and provide a warning not to open before the time and date for bid opening, as specified in the **BDS**, pursuant to **ITB 2.4.2**;
 - c) In addition to the identification required in Sub- Clause (b) hereof, the inner envelope shall indicate the name and address of the Bidder to enable the bid to be returned unopened in case it is declared "late" pursuant to **ITB.2.4.3**.

- ix) If all envelopes are not sealed and marked as required by **ITB 2.4.1** or incorrectly marked, the Procuring Agency will assume no responsibility for the misplacement or premature opening of Bid.

2.4.2 Deadline for Submission of Bids

- i) Bids must be received by the Procuring Agency at the address specified under BDS no later than the time and date specified in the Bid Data Sheet. Bids received through courier services shall not be entertained.
- ii) The Procuring Agency may, at its discretion and as per rule 29 of PPR-14, extend this deadline for the submission of Bids by amending the Bidding documents in accordance with ITB Clause 2.2.2 & 2.2.3 in which case all rights and obligations of the Procuring Agency and Bidders previously subject to the deadline will thereafter be subject to the deadline as extended.

2.4.3. Late Bids

- iii) Bids shall be received by the Procuring Agency at the address specified under **BDS** no later than the date and time specified in the **BDS**.
- i) Any Bid received by the Procuring Agency after the deadline for submission of Bids prescribed by the Procuring Agency pursuant to ITB Clause 2.4.2 will be rejected and returned unopened to the Bidder.
- ii) The Procuring Agency shall not consider for evaluation any Bid that arrives after the deadline for submission of Bids.
- iii) Any Bid received by the Procuring Agency after the deadline for submission of Bids shall be declared late, recorded, rejected and returned unopened to the Bidder.

2.4.4. Modification and Withdrawal of Bids

- i) The Bidder may modify or withdraw its Bid after the Bid's submission, provided that written notice of the modification, including substitution or withdrawal of the Bids, is received by the Procuring Agency prior to the deadline prescribed for submission of Bids.
- ii) The Bidder's modification or withdrawal notice shall be prepared, sealed, marked, and dispatched in accordance with the provisions of Clause (i) A withdrawal notice may also be sent by email, but followed by a signed confirmation copy, postmarked not later than the deadline for submission of Bids.
- iii) No Bid may be modified after the deadline for submission of Bids.
- iv) 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 by the Bidder on the Bid Form. Withdrawal of a Bid during this interval may result in the Bidder's forfeiture of its Bid security (along with other remedies available under PPR-14), pursuant to the ITB Clause 2.3.8 (vii).
- v) A Bidder may withdraw its Bid after it has been submitted, provided that written notice of the withdrawal of the Bid, is received by the Procuring Agency prior to the deadline for submission of Bids.

- vi) Revised bid may be submitted after the withdrawal of the original bid before the deadline for submission of Bids.

2.5. Opening and Evaluation of Bids

2.5.1. Opening of Bids by the Procuring Agency

- i) The Procuring Agency will open all Bids, in public, in the presence of Bidders' or their representatives who choose to attend, and other parties with a legitimate interest in the Bid proceedings at the place, on the date and at the time, specified in the **BDS**. The Bidders' representatives present shall sign a register/attendance sheet as proof of their attendance.
- ii) First, envelopes marked "WITHDRAWAL" shall be opened and read out and the envelope with the corresponding bid shall not be opened, but returned to the Bidder. No bid withdrawal shall be permitted unless the corresponding Withdrawal Notice contains a valid authorization to request the withdrawal and is read out at bid opening-
- iii) Second, outer envelopes marked "SUBSTITUTION" shall be opened. The inner envelopes containing the Substitution Bid shall be exchanged for the corresponding Original Bid being substituted, which is to be returned to the Bidder unopened. No envelope shall be substituted unless the corresponding Substitution Notice contains a valid authorization to request the substitution and is read out and recorded at bid opening.
- iv) Next, outer envelopes marked "MODIFICATION" shall be opened. No Technical Proposal and/or Financial Proposal shall be modified unless the corresponding Modification Notice contains a valid authorization to request the modification and is read out and recorded at the opening of the Bids. Any Modification shall be read out along with the Original Bid except in case of Single Stage Two Envelope Procedure where only the Technical Proposal, both Original as well as Modification, are to be opened, read out, and recorded at the opening. Financial Proposal, both Original and Modification, will remain unopened till the prescribed financial bid opening date.
- v) Other envelopes holding the Bids shall be opened one at a time, in case of Single Stage One Envelope Procedure, the Bidders names, the Bid prices, the total amount of each Bid, the presence or absence of Bid Security, Bid Securing Declaration and such other details as the Procuring Agency may consider appropriate, will be announced by the Procurement Evaluation Committee.
- vi) In case of Single Stage Two Envelope Procedure, the Procuring Agency will open the Technical Proposals in public at the address, date and time specified in the **BDS**

in the presence of Bidders` designated representatives who choose to attend and other parties with a legitimate interest in the Bid proceedings. The Financial Proposals will remain unopened and will be held in custody of the Procuring Agency until the specified time of their opening.

- vii) The envelopes holding the Technical Proposals shall be opened one at a time, and the following read out and recorded: (a) the name of the Bidder; (b) the presence of a Bid Security, if required; and (c) Any other details as the Procuring Agency may consider appropriate.
- viii) Bidders are advised to send in a representative with the knowledge of the content of the Bid who shall verify the information read out from the submitted documents. Failure to send a representative or to point out any un-read information by the sent Bidder's representative shall indemnify the Procuring Agency against any claim or failure to read out the correct information contained in the Bidder's Bid.
- ix) No Bid will be rejected at the time of Bid opening except for late Bids which will be returned unopened to the Bidder, pursuant to **2.4.3 (i)**.
- x) The Procuring Agency shall prepare minutes of the Bid opening. The record of the Bid opening shall include, as a minimum: the name of the Bidder and whether or not there is a withdrawal, substitution or modification, the Bid price if applicable.
- xi) The Bidders' representatives who are present shall be requested to sign on the attendance sheet. The omission of a Bidder's signature on the record shall not invalidate the contents and affect the record.
- xii) Minutes of the Financial Bid Opening shall be recorded and uploaded by the procuring agency on its website or shared to all bidders through e-mail.
[if Procuring Agency opts for single stage one envelope procedure as per rule 38(1) of PPR-14, clause (vi) to (xiii) should be formulated accordingly by the procuring agency.]

2.5.2. Confidentiality

- i) Information relating to the examination, clarification, evaluation and comparison of Bids and recommendation of contract award shall not be disclosed to Bidders or any other persons not officially concerned with such process until the time of the announcement of the respective evaluation report in accordance with the requirements of rule 37 of PPR-14.

- ii) Any effort by a Bidder to influence the Procuring Agency processing of Bids or award decisions may result in the rejection of its Bid.
- iii) Notwithstanding **ITB Clause 2.2.2** from the time of Bid opening to the time of contract award, if any Bidder wishes to contact the Procuring Agency on any matter related to the Bidding process, it should do so in writing or in electronic forms that provides record of the content of communication.

**2.5.3.
Clarification of
Bids**

- i) As per rule 33(2) of PPR-14, to assist in the examination, evaluation and comparison of Bids and post-qualification of the Bidders, the Procuring Agency may, at its discretion, ask any Bidder for a clarification of its Bid including breakdown of prices to determine its reasonability. Any clarification submitted by a Bidder that is not in response to a request by the Procuring Agency shall not be considered.
- ii) The request for clarification and the response shall be in writing or in electronic forms that provide record of the content of communication. In case of Single Stage Two Envelope Procedure, no change in the prices or substance of the Bid shall be sought, offered, or permitted. Whereas in case of Single Stage One Envelope Procedure, only the correction of arithmetic errors discovered by the Procuring Agency in the evaluation of Bids should be sought in accordance with ITB Clause 2.5.6.
- iii) The alteration or modification in The Bid which in any way affect the following parameters will be considered as a change in the substance of a bid:
 - a) Evaluation & qualification criteria;
 - b) Required scope of work or specifications;
 - c) All securities requirements;
 - d) Tax requirements;
 - e) Terms and conditions of bidding documents.
 - f) Change in the ranking of the Bidder
- iv) From the time of Bid opening to the time of Contract award if any Bidder wishes to contact the Procuring Agency on any matter related to the Bid it should do so in writing or in electronic forms that provide record of the content of communication.

**2.5.4.
Preliminary
Examination**

- i) The Procuring Agency will examine the Bids to determine whether they are complete, whether any computational errors have been made, whether required sureties have been furnished, whether the documents have been properly signed, and whether the Bids are generally in order.

- ii) Arithmetical errors will be rectified on the following basis:-
 - a. 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 Supplier does not accept the correction of the errors, its Bid may be rejected, and its Bid security may be forfeited.
 - b. If there is a discrepancy between words and figures, the amount in words will prevail.
- iii) Prior to the detailed evaluation, the Procuring Agency will determine the responsiveness of each Bid to the Bidding documents, pursuant to ITB Clause 2.5.5. For purposes of these Clauses, a 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, **such as** those concerning **Bid Security** (ITB Clause 2.3.8), **Applicable Law** (GCC Clause 30), **Taxes and Duties** (GCC Clause 32) & mandatory Registrations/ Renewals will be deemed to be a material deviation. 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.
- iv) If a Bid is not responsive, it will be rejected by the Procuring Agency and may not subsequently be made responsive by the Bidder by correction of the non-conformity.
- v) Prior to the detailed evaluation of Bids, the Procuring Agency will determine whether each Bid:
 - a) Meets the eligibility criteria defined in **ITB 2.1.3** and **ITB 2.1.4**;
 - b) Has been prepared as per the format and contents defined by the Procuring Agency in the Bidding Documents;
 - c) Has been properly signed;
 - d) Is accompanied by the required securities; and
 - e) Is responsive to the requirements of the Bidding Documents.

The Procuring Agency's determination of a Bid's responsiveness will be based on the contents of the Bid itself.

**2.5.5.
Examination of
Terms and
Conditions;
Technical
Evaluation**

- i) The Procuring Agency shall examine the Bid to confirm that all terms and conditions specified in the **GCC** and the **SCC** have been accepted by the Bidder without any material deviation or reservation.
- ii) The Procuring Agency shall evaluate the technical aspects of the Bid submitted to confirm that all

requirements specified in **Section III-Technical Specifications, Section VII – Schedule of Requirements & Evaluation Criteria as provided in BDS**, have been met without material deviation or reservation.

- iii) If after the examination of the terms and conditions and the technical evaluation, the Procuring Agency determines that the Bid is not responsive in accordance, it shall reject the Bid.

2.5.6. Correction of Errors

- i) Bids determined to be substantially responsive will be checked for any arithmetic errors. Errors will be corrected as follows: -
 - a) If there is a discrepancy between unit prices 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, unless in the opinion of the Procuring Agency there is an obvious misplacement of the decimal point in the unit price, in which the total price as quoted shall govern and the unit price shall be corrected;
 - b) If there is an error in a total corresponding to the addition or subtraction of sub-totals, the sub-totals shall prevail and the total shall be corrected; and
 - c) Where there is a discrepancy between the amounts in figures and in words, the amount in words will govern.
 - d) Where there is discrepancy between grand total of price schedule and amount mentioned on the Form of Bid, the amount referred in Price Schedule shall be treated as correct subject to elimination of other errors.
- ii) The amount stated in the Bid will, be adjusted by the Procuring Agency in accordance with the above procedure for the correction of errors. The concurrence of the Bidder shall be considered as binding upon the Bidder. If the Bidder does not accept the corrected amount, its Bid will then be rejected, and the Bid Security may be forfeited or the Bid Securing Declaration may be executed in accordance with **ITB 2.3.8**.

2.5.7. Conversion to Single Currency

- i) As per rule 32(2) of PPR-14, to facilitate evaluation and comparison, the Procuring Agency will convert all Bid prices expressed in the amounts in various currencies in which the Bid prices as follows:

For the purposes of comparison of bids quoted in different currencies, the price shall be converted into a single currency specified in the bidding documents. The rate of exchange shall be the selling rate, prevailing on the date of opening of bids specified in the bidding documents, as notified by the State Bank of Pakistan on that day, in case of holiday in State Bank of Pakistan on the day of opening financial bids, then previous working day's ex-change rates will prevail.

2.5.8. Post- Qualification & Evaluation of Bids

- i) In the absence of **prequalification**, the Procuring Agency will determine to its satisfaction whether the Bidder is qualified to perform the contract satisfactorily, in accordance with the evaluation criteria listed in BDS & pursuant to ITB Clause 2.1.3.
- ii) The determination will take into account the Bidder's financial, technical, and production/ supplying capabilities. It will be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the Bidder, pursuant to ITB Clause 2.3.6, as well as such other information required for eligibility/qualification expressed in Bid Data Sheet as the Procuring Agency deems necessary and appropriate.
- iii) The Procuring Agency will **technically evaluate** and compare the Bids which have been determined to be responsive, pursuant to ITB Clause 2.5.5, as per Technical Specifications required.
- iv) The **financial evaluation** of a Bid will be on the basis of form of Price Schedules/ Financial Bid Form 8.10 to be decided by the Procuring Agency which must include clear cut instruction regarding item wise or package wise evaluation inclusive of prevailing taxes, duties, fees etc.

2.5.9. Contacting the Procuring Agency

- i) Subject to ITB Clause 2.5.3, 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 evaluation report is made public i.e. 10 days before the contract is awarded. If the Bidder wishes to bring additional information or has grievance to the notice of the Procuring Agency, it should do so in writing.
- ii) Any effort by a Bidder to influence the Procuring Agency during Bid evaluation, or Bid comparison may result in the rejection of the Bidder's Bid.

2.5.10. Grievance Redressal

- i) As per Rule-67 of PPR-14, Procuring Agency shall constitute a Grievance Redressed Committee (GRC) comprising of odd number of persons with proper powers and authorization to address the complaints. The GRC shall not have any of the members of the Procurement Evaluation Committee. The Committee may preferably have one subject specialist depending upon the nature of the procurement in addition to one person with legal background as per their availability to the Procuring Agency.
- ii) Any Bidder feeling aggrieved can file its written complaint against the eligibility parameters or any other terms and conditions prescribed in the Bidding documents found

contrary to provision of Rule 33, and the same shall be addressed by the Procuring Agency well before the proposal submission deadline.

iii) Any party can file its written complaint against the eligibility parameters or any other terms and conditions prescribed in the bidding documents found contrary to provision of Rule 34 and the same shall be addressed by the Procuring Agency well before the proposal submission deadline.

iv) 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 reports. In case of single stage - two envelope bidding procedure following provision for uploading of Technical Bid Evaluation Report (TBER), Grievance Redressal Mechanism and Bid Evaluation Report shall be followed;

- Technical Bid Evaluation Report (TBER) shall be uploaded on official website of the PPRA and Department (if available)

- Opening of Financial Bids (after one clear day from the date of announcement of TBER)

- Announcement & uploading of Bid Evaluation Report on PPRA & PAs website (s) (Technical + Financial)

- 10 days for submission of grievances against Bid Evaluation Report

- Uploading of GRC Report and opening of Financial Bids (if any) after that Award of Contract may be issued where grievance is received

- Where there is no grievance received against Bid Evaluation Report within 10 days, Department may proceed for Award of Contract

v) The GRC shall investigate and decide upon the complaint within fifteen days of the receipt of the complaint. Mere fact of lodging of a complaint shall not warrant suspension of the procurement process.

2.6. Award of Contract

2.6.1. Notification of Award

i) Prior to the expiration of the period of Bid validity, the Procuring Agency will notify the successful Bidder in writing by registered letter and by email to be confirmed in writing by registered letter, that its Bid has been accepted.

- ii) The notification of award will constitute the formation of the Contract.
- iii) Upon the successful Bidder's furnishing of the Performance Guarantee pursuant to ITB Clause 2.6.2 (i), the Procuring Agency will promptly notify each unsuccessful Bidder and will discharge its Bid security, pursuant to ITB Clause 2.3.8 (v).

2.6.2. Performance Guarantee

- i) Within ten (10) days of the receipt of notification of award from the Procuring Agency, the successful Bidder shall furnish the Performance Guarantee in accordance with the Conditions of Contract, in the Performance Guarantee Form provided in the Bidding documents, or in another form acceptable to the Procuring Agency.
- ii) Failure of the successful Bidder to comply with the requirement of ITB Clause (i) above or ITB Clause 2.6.3 shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid security along with other remedies available under PPR-14. After that, the Procuring Agency may decide to award the contract to the next lowest evaluated Bidder, keeping in view the Bid validity time, or call for new Bids keeping in view the concept of value for money as defined under rule-2(ae) read with Principles of Procurement as enunciated in rule-4 of PPR-14.

2.6.3. Signing of Contract/ Issuance of Purchase Order

- i) At the same time as the Procuring Agency notifies the successful Bidder that its Bid has been accepted, the Procuring Agency will send the Bidder the Contract Form provided in the Bidding documents, incorporating all agreements between the parties or will issue the purchase order *[as the case may be]*.
- ii) Under rule-63 of PPR-14, where the Procuring Agency requires formal signing of contract, within ten (10) days of receipt of the Contract Form, the successful Bidder shall sign and mention date of the contract and return it to the Procuring Agency.
- iii) Where no such formal signing is required by the procuring agency, the procuring agency shall issue purchase order after the receipt of required performance guarantee, as per rule 55 of PPR-14.

2.6.4. Award Criteria

- i) Subject to ITB Clause 2.6.2, under rule-55 of PPR-14, the Procuring Agency will award the contract to the successful Bidder whose Bid has been determined to be responsive and has been determined to be the lowest evaluated Bid, provided that the Bidder has been determined to be qualified to perform the contract satisfactorily.

2.6.5. Procuring Agency's Right to Vary Quantities at Time of Award

- i) The Procuring Agency reserves the right at the time of contract award to increase or decrease the quantity of goods and services originally specified in the Schedule of Requirements without any change in unit price or other terms and conditions, on the analogy of rule-59 (c)(iv) of PPR-14 (not more than 15%).

2.6.6. Procuring Agency's Right to Accept or Reject All Bids

- i) As per rule 35 of PPR-14, the Procuring Agency reserves the right to accept or reject all Bids or proposals (and to annul the Bidding process) at any time prior to the acceptance of any Bid or proposal, without thereby incurring any liability towards the Bidders.
- ii) The Bidders shall be promptly informed about the rejection of the Bids, if any
- iii) The Procuring Agency shall upon request communicate to any Bidder, the grounds for its rejection of all Bids or proposals, but shall not be required to justify those grounds.

2.6.7. Re-Bidding

- i) If the Procuring Agency rejects all the Bids under rule 35, it may proceed with the process of fresh Bidding but before doing that it shall assess the reasons for rejection and may, if necessary, revise specifications, evaluation criteria or any other condition for Bidders.

2.6.8. Corrupt or Fraudulent Practices

- i) The Procuring Agency Bidders, Suppliers, and Contractors observe the highest standard of ethics during the procurement and execution of contracts.

“Corrupt practices” in respect of procurement process, shall be as given in S-2 (d) of PPRA, Act, 2009, which is as follows:

“(d) “corrupt practice” means the offering, giving, receiving, or soliciting of anything of value to influence the action of a public official, bidder or Contractor in the procurement process or in Contract execution to the detriment of the procuring agency; or misrepresentation of facts in order to influence a procurement process or the execution of a Contract, collusive practices among bidders (prior to or after bid submission) designed to establish bid prices at artificial, noncompetitive levels and to deprive the procuring agency of the benefits of free and open competition and any request for, or solicitation of anything of value by any public official in the course of the exercise of his duty; it may include any of the following:

- 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. Offering, giving, receiving or soliciting, directly or indirectly, of anything of value to influence the acts of another party for wrongful gain;*
 - iv. 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 process.”*

ii) Blacklisting & Debarment:

Blacklisted Bidders i.e. firms/companies/sole proprietor/ general order suppliers/ JVs etc. and those found involved in “Corrupt Practices” are not allowed to participate in bidding.

Requirements & Procedure for Blacklisting & Debarment:

As per S-17A of PPRA, Act, 2009:

“17A. Blacklisting.– (1) *A procuring agency may, for a specified period and in the prescribed manner, debar a bidder or Contractor from participating in any public procurement process of the procuring agency, if the bidder or Contractor indulges in corrupt practice or any other prescribed practice.*

(2) *The Managing Director may, in the prescribed manner, debar a bidder or Contractor from participating in any public procurement process of all or some of the procuring agencies for a specified period.*

(3) *Any person, aggrieved from a decision of a procuring agency, may within prescribed period prefer a representation before the Managing Director.*

(4) *A procuring agency or any other person, aggrieved from a decision of the Managing Director, may within prescribed period prefer a representation before the Chairperson whose decision on such representation shall be final.]*

21. Blacklisting. – (1) A procuring agency may, for a specified period, debar a bidder or Contractor from participating in any public procurement process of the procuring agency, if the bidder or Contractor has:

- (a) acted in a manner detrimental to the public interest or good practices;
- (b) consistently failed to perform his obligation under the Contract;
- (c) not performed the Contract up to the mark; or
- (d) indulged in any corrupt practice.

(2) If a procuring agency debars a bidder or Contractor under sub-rule (1), the procuring agency:

- (a) shall forward the decision to the Authority for publication on the website of the Authority; and
- (b) may request the Authority to debar the bidder or Contractor for procurement of all procuring agencies.

(3) The Managing Director may debar a bidder or Contractor of any procuring agency from participating in any public procurement process of all or some of the procuring agencies for such period as the Managing Director may determine.

(4) Any person aggrieved by a declaration made under rule 20 or a decision under sub-rule (1) of this rule may, within thirty days from the date of the publication of the information on the website of the Authority, file a representation before the Managing Director and the Managing Director may pass such order on the representation as he may deem fit.

(5) Any person or procuring agency aggrieved by an order under sub-rule (3) or (4) may, within thirty days of the order, file a representation before the Chairperson and the Chairperson may pass such order on the representation as he may deem appropriate.

(6) The mechanism or process for barring a bidder or Contractor from participating in procurement process of a procuring agency, procuring agencies and a representation under this rule is specified in the Schedule appended to these rules.

As per Schedule appended with PPR-14:

SCHEDULE

see sub-rule (6) of rule 21

BLACKLISTING MECHANISM OR PROCESS

1. The procuring agency may, on information received from any resource, issue show cause notice to a bidder or Contractor.
2. The show-cause notice shall contain:

- (a) *precise allegation, against the bidder or Contractor;*
 - (b) *the maximum period for which the procuring agency proposes to debar the bidder or Contractor from participating in any public procurement of the procuring agency; and*
 - (c) *the statement, if needed, about the intention of the procuring agency to make a request to the Authority for debarring the bidder or Contractor from participating in public procurements of all the procuring agencies.*
3. *The procuring agency shall give minimum of seven days to the bidder or Contractor for submission of written reply of the show cause notice.*
4. *In case, the bidder or Contractor fails to submit written reply within the requisite time, the procuring agency may issue notice for personal hearing to the bidder or Contractor/ authorize representative of the bidder or Contractor and the procuring agency shall decide the matter on the basis of available record and personal hearing, if availed.*
5. *In case the bidder or Contractor submits written reply of the show cause notice, the procuring agency may decide to file the matter or direct issuance of a notice to the bidder or Contractor for personal hearing.*
6. *The procuring agency shall give minimum of seven days to the bidder or Contractor for appearance before the specified officer of the procuring agency for personal hearing.*
7. *The procuring agency shall decide the matter on the basis of the available record and personal hearing of the bidder or Contractor, if availed.*
8. *The procuring agency shall decide the matter within fifteen days from the date of personal hearing unless the personal hearing is adjourned to a next date and in such an eventuality, the period of personal hearing shall be reckoned from the last date of personal hearing.*
9. *The procuring agency shall communicate to the bidder or Contractor the order of debarring the bidder or Contractor from participating in any public procurement with a statement that the bidder or Contractor may, within thirty days, prefer a representation against the order before the Managing Director of the Authority.*
10. *The procuring agency shall, as soon as possible, communicate the order of blacklisting to the Authority with the request to upload the information on its website.*
11. *If the procuring agency wants the Authority to debar the bidder or Contractor from participating in any public procurement of all procuring agencies, the procuring agency shall specify reasons for such dispensation.*

12. *The Authority shall immediately publish the information and decision of blacklisting on its website.*
13. *In case of request of a procuring agency under para 11 or representation of any aggrieved person under rule 21, the Managing Director shall issue a notice for personal hearing to the parties and call for record of proceedings of blacklisting. The parties may file written statements and documents in support of their contentions.*
14. *In case of representation of any aggrieved person or procuring agency under rule 21, the Chairperson shall issue a notice for personal hearing to the parties and may call for the record of the proceedings. The parties may file written statements and documents in support of their contentions.*
15. *In every order of blacklisting under rule 21, the procuring agency shall record reasons of blacklisting and also reasons for short, long or medium period of blacklisting.*
16. *The Authority shall upload all the decisions under rule 21, available with it, on its website. But the name of a bidder or Contractor shall immediately be removed from the list of blacklisted persons on expiry of period of blacklisting or order of the competent authority to that effect, whichever is earlier.*
17. *An effort shall be made for electronic communication of all the notices and other documents pursuant to this mechanism or process.”*

iii) Furthermore, Bidders must keep themselves aware of the provision stated in clause 5.4 and clause 24.1 of the General Conditions of Contract.

2.6.9. Quantity and volume of the goods to be considered in mind

- i) While quoting the rate in a framework contract, the Bidder must consider the following facts:
 - a. Certain volume and quantity of the goods as prescribed in Bid Data Sheet.
 - b. The Bidder have to maintain the rates of the goods for the whole financial year.
 - c. The Bidder should quote the rate as per Price Schedule/ Financial Bid form. In case of non-observance of prescribed format, Financial Bid may be rejected.

Section-III. Technical Specifications

Notified specifications vide no. PSHD/PC/5-102/2023(F) dated:02-06-2023 used and start from Page No. 80.

3.1. Technical Specifications

[Text of Technical Specifications to be inserted in the Bidding documents by the Procuring Agency, as applicable.]

Technical Specifications start from Page No. 80

Section-IV: Bid Data Sheet

The following specific data for the goods to be procured shall complement, supplement, or amend the provisions in the Instructions to Bidders (ITB) Section II. Whenever there is a conflict, the provisions herein shall prevail over those in ITB.

| A. Introduction | | | | | | | | | | | | | | | | | | |
|----------------------------|--|---|------------------------|------------------------|-----------------|--|------------------------|------------------------|-----------------|--|----------------------------|---------------------------------------|-----------------|--|----------------------------|---------------------------------------|-----------------|--|
| BDS Clause Number | ITB Number | Amendments of, and Supplements to, Clauses in the Instruction to Bidders | | | | | | | | | | | | | | | | |
| 1. | 2.1.1 | <p>Name of Procuring Agency: Chief Executive Office, District Health Authority, Faisalabad.</p> <p>The subject of procurement is: Procurement of Furniture / Fixture, Laboratory / Medical / IT Equipment's & Plant / Machinery for Health Institutions District Faisalabad.</p> <p>Period for delivery of goods:</p> <p>CFR/CPT Basis;</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Mode of Penalty</th> <th style="width: 50%;">Shipping period</th> </tr> </thead> <tbody> <tr> <td>Without penalty</td> <td>e.g 90 days [please write exact period as per requirement, nature and quantity of goods]</td> </tr> </tbody> </table> <p>DDP basis</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Mode of Penalty</th> <th style="width: 50%;">Delivery period</th> </tr> </thead> <tbody> <tr> <td>Without penalty</td> <td>60 Days and 15 days grace period for DDP</td> </tr> </tbody> </table> <p>Commencement date for delivery/shipping of Goods:</p> <p>CFR/CPT basis</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Mode of Procurement</th> <th style="width: 50%;">Commencement date for shipping</th> </tr> </thead> <tbody> <tr> <td>Without penalty</td> <td>From the date of establishment of Letter of credit</td> </tr> </tbody> </table> <p>DDP basis</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Mode of Procurement</th> <th style="width: 50%;">Commencement date for delivery</th> </tr> </thead> <tbody> <tr> <td>Without penalty</td> <td>From the date of issuance of Purchase Order/Contract</td> </tr> </tbody> </table> | Mode of Penalty | Shipping period | Without penalty | e.g 90 days [please write exact period as per requirement, nature and quantity of goods] | Mode of Penalty | Delivery period | Without penalty | 60 Days and 15 days grace period for DDP | Mode of Procurement | Commencement date for shipping | Without penalty | From the date of establishment of Letter of credit | Mode of Procurement | Commencement date for delivery | Without penalty | From the date of issuance of Purchase Order/Contract |
| Mode of Penalty | Shipping period | | | | | | | | | | | | | | | | | |
| Without penalty | e.g 90 days [please write exact period as per requirement, nature and quantity of goods] | | | | | | | | | | | | | | | | | |
| Mode of Penalty | Delivery period | | | | | | | | | | | | | | | | | |
| Without penalty | 60 Days and 15 days grace period for DDP | | | | | | | | | | | | | | | | | |
| Mode of Procurement | Commencement date for shipping | | | | | | | | | | | | | | | | | |
| Without penalty | From the date of establishment of Letter of credit | | | | | | | | | | | | | | | | | |
| Mode of Procurement | Commencement date for delivery | | | | | | | | | | | | | | | | | |
| Without penalty | From the date of issuance of Purchase Order/Contract | | | | | | | | | | | | | | | | | |

| | | |
|---|------------|--|
| 2. | 2.1.2 | Financial year for the operations of the Procuring Agency: <i>Financial year 2023-24</i> Name and identification number of the Contract: <u>[CEO/DHA Faisalabad(P-II)-Equipment & Machinery 2023-24]</u> |
| 3. | 2.1.3 (iv) | Joint Venture is not applicable |
| 4. | 2.1.4 | Country of origin: 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 Ineligible country(s) is or are: 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. |
| 5. | 2.3.6(iii) | Demonstration of authorization by manufacturer: Required form 8.3 should be followed. |
| 6. | 2.3.6(v) | Samples when and where required will be called from the bidders and they will bound to submit samples within 07-Days. |
| B. Bidding Documents | | |
| 7. | 2.2.2 | The address for clarification of Bidding Documents is Chief Executive Office, District Health Authority, Near Halal-e-Ahmar Hospital, Zila Council Chowk, Faisalabad. |
| 8. | 2.2.2 | Pre-bid meeting will not be held. |
| 9. | 2.3.9 | The number of bidding documents to be completed and returned is in one original only |
| C. Bid Price, Currency, Language and Country of Origin | | |
| 10 | 2.3.1 | 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 | 2.3.4 | In case of Letter of Credit (LC) , Prices shall be quoted in US Dollar (US\$), UK Pound (£), Euro (€), Japanese yen (¥) and Swiss Franc (CHF). In case of DDP , Prices shall be quoted in Pakistan Rupee (PKR). |
| 12. | 2.3.4 | CFR mode, <i>- the prices shall be quoted without all taxes & duties.</i> <i>-bidder shall mention separately the percentage of applicable taxes</i> DDP mode, <i>The prices shall be quoted inclusive of all taxes & duties.</i> |
| 13. | 2.1.4 (ii) | Country of origin as mentioned in 2.1.4 |
| | | |

D. Preparation and Submission of Bids

| | | |
|------------|------------------------|--|
| 14. | 2.1.3 | <p>Qualification Criteria/ Knock down criteria.</p> <p>i. Tender fee (if applicable)</p> <p>ii. Bidder is a legal registered entity having NTN and GST and must be an active tax payer.</p> <p>iii. <i>Authorization Certificate</i> <i>(a) Valid Manufacturer Authorization Certificate for Biomedical / Non-Biomedical / Medical Furniture /Surgical instruments/Plant & Machinery etc (in case of other than manufacturer)</i> <i>(b)Valid Authorization certificate for IT / Office equipment (in case of other than manufacturer)</i></p> <p>iv. The bidder should have experience of three years which shall be counted from the date of the registration of the firm.</p> <p>v. Income Tax Return for last three fiscal years</p> <p>vi. Average Turnover during last three fiscal years should be Rs. 30.000 Million for all items. However, the items have estimated cost above Rs. 30.000 Million, the average Turnover during last three fiscal years should be 100% of total estimated cost.</p> <p>vii. Certificate from the manufacturer that the after sales services / backup services shall be provided jointly with the local 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. <i>(in case of biomedical equipment)</i></p> <p>viii. A Certificate from the manufacturer that the installation will be conducted in conformity with the system requirements by following the professional approach <i>(in case of biomedical equipment)</i></p> <p>ix. The quoted model of product shall be available on the current official website of the manufacturer; otherwise, the quoted product shall be considered obsolete/ redundant and will straight away be rejected. <i>(in case of biomedical /imported equipment)</i></p> <p>x. Relevant detail of technical staff, tools, proper workshop to the suitability of the product</p> <p>xi. Product performance in local market - One-year <i>local market product performance history of the offered product. (Attach Installation Reports & Satisfactory Performance Reports for quoted product for at least three installations). Only those Installation Reports & Satisfactory Performance Reports will be considered which are properly signed & stamped. (in case of biomedical /Plant & Machinery)</i> - One-year local market product performance of the offered product. <i>(Attach three Purchase Order/Contract & Satisfactory Performance Reports for quoted product for at least three installations). Only those Installation Reports / Satisfactory Performance Reports will be considered which are properly signed & stamped. (in case of non-biomedical equipment)</i></p> <p>xii. Bid security as per tender requirement</p> <p>xiii. Bid validity as per tender requirement</p> <p>xiv. Delivery period as per tender requirement</p> <p>xv. Compliance of Specifications/ Sample to the advertised Specifications.</p> |
| 15. | 2.3.6&2.3.7 | Spare parts availability of quoted product for 10 years of operation. |

| | | |
|--|-------|---|
| 16. | 2.2.2 | Bid shall be submitted to: Chief Executive Office, District Health Authority, Near Halal-e-Ahmar Hospital, Zila Council Chowk, Faisalabad. |
| 17. | 2.4.2 | The deadline for Bid submission is a) Day : [Thursday] b) Date: [11.01.2024] Time: [01:00 PM] |
| 18. | 2.5.1 | Time, date/ Month/ Year, and place for Bid opening. |
| 19. | 2.6.2 | Amount of Performance Guarantee is: 5% of the contract amount . |
| 20. | 2.3.8 | Amount of Bid security is 2% of estimated cost mentioned against each item. a. <i>[Where the Procuring Agency intends to receive Bid security, the amount may be expressed either as a fixed amount or as an amount not less than a specified percentage of the Estimated price. But in no case it shall exceed five (5) percent of the estimated price.]</i> b. <i>[The Procuring Agency should provide clear cut instructions and methodology regarding the receipt of Bid security in case of item/package wise, bulk/framework modality (as the case may be)].</i> |
| 21. | 2.3.9 | Bid validity period after opening of the Bid is: 180 Days from the date of opening of bids. |
| 22. | 2.3.9 | Number of copies of the Bid to be provided are Nil. |
| E. Opening and Evaluation of Bids | | |
| 23. | 2.5.1 | The Bid opening shall take place at: Chief Executive Office, District Health Authority, Near Halal-e-Ahmar Hospital, Zila Council Chowk, Faisalabad. a) Day : [Thursday] b) Date: [11.01.2024] Time: [01:30 PM] |
| 24. | 2.3.5 | The currency that shall be used for Bid evaluation and comparison purposes to convert all Bid prices expressed in various currencies is: [PKR] The source of exchange rate shall be as mentioned in 2.5.7 The date of exchange rate shall be as mentioned in 2.5.7 |
| F. Bid Evaluation Criteria | | |
| 25. | 2.5.8 | As mentioned below |

2.5.8 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 | Tender Fee (if applicable) | Yes / No | Yes / No |
| 2 | Valid NTN and GST (Active) | Yes / No | Yes / No |
| 3 | Authorization Certificate as per tender requirement | Yes / No | Yes / No |
| 4 | Income Tax Returns for last three fiscal years as per tender requirement | Yes / No | Yes / No |
| 5 | Average Turnover as per tender requirement | Yes / No | Yes / No |
| 6 | Certificate regarding after sales service (where applicable) | Yes / No | Yes / No |
| 7 | Certificate regarding installation as per tender requirement (where applicable) | Yes / No | Yes / No |
| 8 | Availability of Quoted model on manufacturer website (where applicable) | Yes / No | Yes / No |
| 9 | One Year Local market product performance history of the quoted product as per tender requirement | Yes / No | Yes / No |
| 10 | Relevant detail of technical staff, tools, proper workshop to the suitability of the product | Yes / No | Yes / No |
| 11 | Complete item with accessories and optional | Yes / No | Yes / No |
| 12 | Bid Security as per tender requirement | Yes / No | Yes / No |
| 13 | Bid Validity as per tender requirement | Yes / No | Yes / No |
| 14 | Delivery Period as per tender requirement | 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 | | | |
| 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 |

G. Award of Contract

| | |
|--------------|---|
| 2.6.5 | Percentage for quantity increase or decrease is 15% |
| 2.6.2 | The Performance Guarantee shall be 5% of the contract amount. |
| 2.6.2 | The Performance Security or guarantee shall be in the form of: Bank Guarantee, Bank call-deposit (CDR), Demand Draft (DD), Pay Order (PO) or Banker's cheque. |

Section-V: General Conditions of Contract

[The Procuring Agency should formulate General Condition of Contract in accordance with PPR-14 keeping in view its requirements, nature of procurement i.e. Bulk/Framework, item wise/package wise and form of contract to be adopted (i.e. DDP, CIF, C&F, FOR, FOP etc. if applicable) However, for a standard procurement/contract contents of a generalized General Conditions of Contract may be as follows:]

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 all of the equipment, machinery, and/or other materials which the Supplier is required to supply to the Procuring Agency under the Contract.
- (d) “The Services” means those services ancillary and related to the supply of the Goods, such as transportation and insurance, and any other incidental services, such as installation, commissioning, provision of technical assistance, training, maintenance & repair and other such obligations of the Supplier covered under the Contract.
- (e) “GCC” means the General Conditions of Contract contained in this section.
- (f) “SCC” means the Special Conditions of Contract.
- (g) “The Procuring Agency” means the organization purchasing the Goods & Services, as named in SCC.
- (h) “The Procuring Agency’s country” is the country named in SCC.

- (i) "The Supplier" means the Bidder or firm supplying the Goods and Services under this Contract.
- (j) "The Project Site," where applicable, means the place or places named in SCC.
- (k) "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

[where applicable]

3.1. All Goods and Services supplied under the Contract shall have their origin in the countries and territories eligible under the rules, as further elaborated in the SCC.

3.2. For purposes of this Clause, "origin" means the place where the Goods were mined, grown, or produced, or from where the Services are supplied. Goods are produced when, through manufacturing, processing, or substantial and major assembly of components, a commercially recognized new product is obtained that is substantially different in basic characteristics or in purpose or utility from its components.

3.3. The origin of Goods and Services is distinct from the nationality of the Supplier. In any case, the requirements of rules 10 & 26, PPR-14, shall be followed.

4. Standards

4.1. The Goods supplied under this Contract shall conform to the standards mentioned in the Technical Specifications, and, when no applicable standard is mentioned, to the authoritative standards appropriate to the Goods' country of origin. Such standards shall be the latest issued by the concerned institution.

5. Use of Contract Documents and Information; Inspection and Audit by the procuring agency.

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 executing 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.

5.4. The Supplier shall permit the Procuring Agency to inspect the Supplier's accounts and records relating to the performance of the Supplier and to have them audited by auditors appointed by the donors, if so required by the donors.

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 Procuring Agency's country.

7. Performance Guarantee

7.1. Within seven (07) days [*to be decided by the procuring agency*] of receipt of the notification of Contract award, the successful Bidder shall furnish to the Procuring Agency the Performance Guarantee in the amount specified in SCC/Bid Data Sheet & clause 2.6.2 of ITB.

7.2. The proceeds of the Performance Guarantee shall be payable to the Procuring Agency as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.

7.3. As per Rule-56 of PPR-14, the performance guarantee shall be denominated in the currency of the Contract acceptable to the Procuring Agency and shall be in one of the following forms:

- (a) a bank guarantee or an irrevocable letter of credit issued by a reputable bank located in the Procuring Agency's country, in the form provided in the Bidding documents or another form acceptable to the Procuring Agency; or
- (b) a Bank Guarantee, Bank call-deposit (CDR), Demand Draft (DD), Pay Order (PO) or Banker's cheque cashier's or certified cheque or CDR.

7.4. The performance guarantee will be discharged by the Procuring Agency and returned to the Supplier not later than thirty

(30) days following the date of completion of the Supplier's performance obligations under the Contract, including any warranty obligations, unless specified otherwise in SCC.

8. Inspections and Tests

8.1. 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. SCC and the Technical Specifications shall specify what inspections and tests the Procuring Agency requires and where they are to be conducted. The Procuring Agency shall notify the Supplier in writing, in a timely manner, of the identity of any representatives nominated for these purposes.

8.2. The inspections and tests may be conducted on the premises of the Supplier or its subcontractor(s), at point of delivery, and/or at the Goods' final destination. If conducted on the premises of the Supplier or its subcontractor(s) (if so allowed by the Procuring Agency), all reasonable facilities and assistance, including access to drawings and production data, shall be furnished to the inspectors at no charge to the Procuring Agency.

8.3. Should any inspected or tested Goods fail to conform to the Specifications, the Procuring Agency may reject the Goods, and the Supplier shall either replace the rejected Goods or make alterations necessary to meet specification requirements free of cost to the Procuring Agency.

8.4. The Procuring Agency's right to inspect, test and, where necessary, reject the Goods after the Goods' arrival in the Procuring Agency's country shall in no way be limited or waived by reason of the Goods having previously been inspected, tested, and passed by the Procuring Agency or its representative prior to the Goods' shipment from the country of origin.

8.5. Nothing in GCC Clause 8 shall in any way release the Supplier from any warranty or other obligations under this Contract.

9. Packing

9.1. The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the Contract. The packing shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit, and open storage. Packing case size and weights shall take into consideration, where appropriate, the

remoteness of the Goods' final destination and the absence of heavy handling facilities at all points in transit.

9.2. The packing, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements, if any, specified in SCC, and in any subsequent instructions ordered by the Procuring Agency.

10. Delivery and Documents

10.1. Delivery of the Goods shall be made by the Supplier in accordance with the terms specified in the Schedule of Requirements. The details of shipping and/or other documents to be furnished by the Supplier are specified in SCC.

10.2. Upon delivery, the Procuring Agency shall give receiving certificate to the supplier with the statement that, "completion certificate along with satisfactory report shall be issued after due inspection as per clause-8 of GCC, which will enable the supplier to put up the bill".

10.3. For purposes of the Contract, DDP trade term used to describe the obligations of the parties shall have the meanings assigned to them by the current edition of *Incoterms*

10.4. Documents to be submitted by the Supplier are specified in SCC.

11. Insurance

11.1. 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, hence marine and inland insurance coverage is responsibility is Supplier's / Sellers 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.

12. Transportation

12.1. The Supplier is required under the Contract to transport the Goods and to prevent their damage or deterioration during transit to a specified place of destination within the Procuring Agency's country, including insurance and storage, as shall be specified in the Contract, and related costs shall be included in the Contract Price.

12.2 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 of signing of Contract.

13. Incidental Services

13.1. The Supplier may be required to provide any or all of the following services, including additional services, if any, specified in SCC:

- (a) satisfactory performance for specified time/ quantity on-site and/or supervision of on-site assembly and/or start-up of the supplied Goods;
- (b) furnishing of tools required for assembly and/or maintenance of the supplied Goods;
- (c) furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied Goods;
- (d) performance or supervision or maintenance and/or repair of the supplied Goods, for a period of time agreed by the parties, provided that this service shall not relieve the Supplier of any warranty obligations under this Contract; and
- (e) training of the Procuring Agency's personnel, at the Supplier's plant and/or on-site, in assembly, start-up, operation, maintenance, and/or repair of the supplied Goods.

13.2. Prices charged by the Supplier for incidental services shall be included in the Contract Price for the Goods and shall not exceed:

- (i) the prevailing rates charged for other parties by the Supplier for similar services; and
- (ii) original price of goods.

14. Spare Parts

14.1. As specified in SCC, the Supplier may be required to provide any or all of the following materials, notifications, and information pertaining to spare parts manufactured or distributed by the Supplier:

- (a) such spare parts as the Procuring Agency may choose to purchase from the Supplier, provided that this choice shall not relieve the Supplier of any warranty obligations under the Contract; and

- (b) in the event of termination of production of the spare parts:
 - (i) advance notification to the Procuring Agency of the pending termination, in sufficient time to permit the Procuring Agency to procure needed requirements; and
 - (ii) following such termination, furnishing at no cost to the Procuring Agency, the blueprints, drawings, and specifications of the spare parts, if requested.

15. Warranty

15.1. The Supplier warrants that the Goods supplied under the Contract are new, unused, of the most recent or current models selected by the Procuring Agency, and that they incorporate all recent improvements in design and materials unless provided otherwise in the Contract. The Supplier further warrants that all Goods supplied under this Contract shall have no defect, arising from design, materials, or workmanship (except when the design and/or material is required by the Procuring Agency's specifications) or from any act or omission of the Supplier, that may develop under normal use of the supplied Goods in the conditions prevailing in the country of final destination.

15.2. This warranty shall remain valid and the firm shall maintain the equipment for total comprehensive warranty period for complete system including parts and labour after the goods have been installed at the final destination and in installation certificate has been issued by the End-User. In case of goods not requiring installation, the warranty shall start when the Goods, or any portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the Contract, or for comprehensive warranty period after the date of shipment from the port or place of loading in the source country, whichever period concludes earlier, unless specified otherwise in SCC. The supplier will categorically mention the disposable/consumable items of the equipment / good in advance along with the tender submission, any item declaration as consumable/ disposable after the submission of bid/quotation will not be entertained/accepted.

15.3. The Procuring Agency shall promptly notify the Supplier in writing of any claims arising under this warranty.

15.4. Upon receipt of such notice, the Supplier shall, within the period specified in SCC and with all reasonable speed, repair or

replace the defective Goods or parts thereof, without costs to the Procuring Agency.

15.5.If the Supplier, having been notified, fails to rectify the defect(s) within the period specified in SCC, within a reasonable period, the Procuring Agency may proceed to take such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Procuring Agency may have against the Supplier under the Contract/relevant provision of PPR-14 including Blacklisting.

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.The Supplier's request(s) for payment shall be made to the Procuring Agency in writing, accompanied by an invoice describing, as appropriate, the Goods delivered and Services performed, and by documents submitted pursuant to GCC Clause 10, and upon fulfillment of other obligations stipulated in the Contract.

16.3.As per rule-62 of PPR-14, payments shall be made promptly by the Procuring Agency, but in no case later than thirty (30) days after submission of an invoice or claim by the Supplier, provided the work is satisfactory.

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

16.5 In case of DDP; the payment will be made 100% after presentation of the delivery/ Installation/ commissioning/ completion/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 and Services performed under the Contract shall not vary from the prices quoted by the Supplier in its Bid, with the exception of any price adjustments authorized in SCC.

17.2 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.

17.3 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.

17.4 The Bidder shall quote the prices of Optional items / goods, if any according to the technical specifications. Optional items will not be considered for determination of lowest bid. In case, the optional accessories / Items are selected then the PA will ensure that the prices of the optional items are competitive with respect to lowest prices quoted by other participants for the optional items.

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

17.6 While tendering, it will be presumed that the bidder has kept In view the present trend/ inflation, the dollar parity etc. 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.

17.7 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. **Lowest shall be determined on the basis of DDP unless otherwise specified in Technical specifications.** For those equipment/items which do not require after sale services/calibration (specified in the technical specifications), the bidder is required to quote rate on DDP basis with comprehensive warranty as prescribed in the technical Specifications.

18. Change Orders

18.1. The Procuring Agency may at any time, by a written order given to the Supplier pursuant to GCC Clause 31, make changes within the general scope of the Contract, only if required for the

successful completion of the job, in any one or more of the following:

- (a) drawings, designs, or specifications, where Goods to be furnished under the Contract are to be specifically manufactured for the Procuring Agency;
- (b) the method of shipment or packing;
- (c) the place of delivery; and/or
- (d) the Services to be provided by the Supplier.

18.2.If any such change causes an increase or decrease in the cost of, or the time required for, the Supplier's performance of any provisions under the Contract, an equitable adjustment shall be made in the Contract Price or delivery schedule, or both, and the Contract shall accordingly be amended. Any claims by the Supplier for adjustment under this clause must be asserted within thirty (30) days from the date of the Supplier's receipt of the Procuring Agency's change order. But, in no case, the overall impact of the change should exceed 15% of the contract cost and no provisions of PPR-14 should be violated.

19. Contract Amendments

19.1.Subject to GCC Clause 18, no variation in or modification of the terms of the Contract shall be made except by the mutual consent through written amendment signed by the parties. The manufacturer or non-availability due to international mergers of the manufacturers or similar unavoidable constraints shall allow no variation in finalized brands / makes/models 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.

20. Assignment

20.1.The Supplier shall not assign the whole of contract to anybody else. However, some parts of contract or its obligations may be assigned to sub-contractors with the prior written approval of the procuring agency.

21. Sub-contracts

21.1.Not Allowed

22. Delays in the Supplier's Performance

22.1.Delivery of the Goods and performance of Services shall be made by the Supplier in accordance with the time schedule prescribed by the Procuring Agency in the Schedule of Requirements-

22.2.If at any time during performance of the Contract, the Supplier or its subcontractor(s) should encounter conditions impeding timely delivery of the Goods and performance of Services, 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 or without liquidated damages, in which case the extension shall be ratified by the parties by amendment of Contract.

22.3.Except as provided under GCC Clause 25, 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 23, unless an extension of time is agreed upon pursuant to GCC Clause 22.2 without the imposition of liquidated damages.

23. Liquidated Damages

23.1.Subject to GCC Clause 25, if the Supplier fails to deliver any or all of the Goods or to perform the Services within the period(s) specified in the Contract, the Procuring Agency shall, without prejudice to its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to the percentage specified in SCC of the delivered price of the delayed Goods or unperformed Services for each week or part thereof of delay until actual delivery or performance, up to a maximum deduction of the percentage specified in SCC. Once the maximum is reached, the Procuring Agency may consider termination of the Contract pursuant to GCC Clause 24 along with other remedies available under PPR-14.

24.Termination for Default

24.1.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 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 22;
- (b) if the Supplier fails to perform any other obligation(s) under the Contract; or
- (c) if the Supplier, in the judgment of the Procuring Agency has engaged in corrupt practices in competing for or in

executing the Contract. For the purpose of this clause, corrupt practices will be defined as per Section-2 (d) of The PPRA Act, 2009.

“Corrupt practices” in respect of procurement process, shall be as given in S-2 (d) of PPRA, Act, 2009:

(d) “corrupt practice” means the offering, giving, receiving, or soliciting of anything of value to influence the action of a public official, bidder or Contractor in the procurement process or in Contract execution to the detriment of the procuring agency; or misrepresentation of facts in order to influence a procurement process or the execution of a Contract, collusive practices among bidders (prior to or after bid submission) designed to establish bid prices at artificial, noncompetitive levels and to deprive the procuring agency of the benefits of free and open competition and any request for, or solicitation of anything of value by any public official in the course of the exercise of his duty; it may include any of the following:

- vi. 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;*
- vii. 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;*
- viii. offering, giving, receiving or soliciting, directly or indirectly, of anything of value to influence the acts of another party for wrongful gain;*
- ix. 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;*
- x. 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 process

24.2. In the event the Procuring Agency terminates the Contract in whole or in part, pursuant to GCC Clause 24.1, the Procuring Agency may procure, upon such terms and in such manner as it deems appropriate, Goods or Services similar to those undelivered, and the Supplier shall be liable to the Procuring Agency for any excess costs for such similar Goods or Services. However, the Supplier shall continue performance of the Contract to the extent not terminated.

25. Force Majeure

25.1. Notwithstanding the provisions of GCC Clauses 22, 23, and 24, the Supplier shall not be liable for forfeiture of its Performance Guarantee, liquidated damages, or termination 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.

25.2. For purposes of this clause, "Force Majeure" means an event beyond the control of the Supplier and not involving the Supplier's fault or negligence and not foreseeable. Such events may include, but are not restricted to, acts of the Procuring Agency in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes. Both, the Procuring Agency and the Supplier, may agree to exclude certain widespread conditions e.g: epidemics, pandemics, quarantine restrictions etc from the purview of "Force Majeure".

25.3. If a Force Majeure situation arises, the Supplier shall promptly notify the Procuring Agency in writing of such condition and the cause thereof. 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 all reasonable alternative means for performance not prevented by the Force Majeure event. Any difference of opinion concerning "Force Majeure" may be decided through means given herein below.

26. Termination for Insolvency

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

27. Termination for Convenience

27.1. The Procuring Agency, by written notice sent to the Supplier, may terminate the Contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that termination is for the Procuring Agency's convenience, the extent to which performance of the Supplier under the Contract is terminated, and the date upon which such termination becomes effective.

27.2. The Goods that are complete and ready for shipment (if applicable) within thirty (30) days after the Supplier's receipt of notice of termination shall be accepted by the Procuring Agency on the Contract terms and prices. For the remaining Goods, the Procuring Agency may choose:

- (a) to have any portion completed and delivered at the Contract terms and prices; and/or
- (b) to cancel the remainder and pay to the Supplier an agreed amount for partially completed Goods and Services and for materials and parts previously procured by the Supplier.

28. Resolution of Disputes

28.1. After signing the contract or issuance of purchase order, 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.

28.2. 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 for resolution to the formal mechanisms specified in SCC. These mechanisms may include, but are not restricted to, conciliation mediated by a third party, adjudication in an agreed and/or arbitration as per rule 68 of PPR-14 and in accordance with Arbitration Act-1940.

29. Governing Language

29.1. The Contract shall be written in the language specified in SCC. Subject to GCC Clause 30, 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 the same language.

- 30. Applicable Law** 30.1.The Contract shall be interpreted in accordance with the laws of Punjab (Pakistan) unless otherwise specified in SCC.
- 31. Notices** 31.1.Any notice given by one party to the other pursuant to this Contract shall be sent to the other party in writing or by any information technology mean for the time being in use and acceptable in ordinary course of business to the other party’s address specified in SCC.
- 31.2.A notice shall be effective when delivered or on the notice’s effective date, whichever is later.
- 32. Taxes and Duties** 32.1.Supplier shall be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the contracted Goods & Services to the Procuring Agency. In case of imposition of new taxes/duties or concession thereof after the deadlines for the submission of bids the effect thereof shall be borne or availed by the procuring agency as the case may be.

Section-VI. Special Conditions of Contract

Special Conditions of Contract

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

[Instructions for completing the Special Conditions of Contract are provided, as needed, in the notes in italics mentioned for the relevant SCC. Where sample provisions are furnished, they are only illustrative of the provisions that the Procuring Agency should draft specifically for each procurement. The number of SCC may increase/ vary depending on specific requirements of a specific contract.]

1. Definitions (GCC Clause 1)

GCC 1.1 (g)—The Procuring Agency is:_____

GCC 1.1 (h)—The Procuring Agency's country is: Pakistan

GCC 1.1 (i)—The Supplier is:_____

Sample Provision

GCC 1.1 (j)—The Project Site is: *[if applicable]*

2. Country of Origin (GCC Clause 3)

[All countries and territories as indicated in Section IV, BDS, of the Bidding documents, as ineligible may be mentioned here]

3. Performance Guarantee (GCC Clause 7)

GCC 7.1—As per rule 56 of PPR-14, the amount of Performance Guarantee, as a percentage of the Contract Price, shall be: *[could be up to ten (10) percent of the Contract Price; it should not exceed ten (10) percent in any case.]*

[The following provision should be used in the case of Goods having warranty obligations.]

GCC 7.4—the Performance Guarantee shall be retained for to cover the Supplier's warranty obligations or defect liability period in accordance with Clause GCC 15.2

4. Inspections and Tests (GCC Clause 8)

GCC 8.6—Inspection and tests prior to shipment of Goods and at final acceptance are as follows: *[if so required by the Procuring Agency]*

5. Packing (GCC Clause 9)

GCC 9.2—*[This SCC shall supplement GCC Clause 9.2, exact details of the requisite packages be provided]*

6. Delivery and Documents

(GCC Clause 10) *[format of contract is to be decided by the Procuring Agency, however, a model provision for DDP is as follows]*

Sample provision (DDP terms)

GCC 10.3—Upon shipment, the Supplier shall notify the Procuring Agency the full details of the shipment, including Contract number, description of Goods, quantity and usual transport document. The Supplier shall mail the following documents to the Procuring Agency:

- (i) copies of the Supplier's invoice showing Goods' description, quantity, unit price, and total amount;
- (iii) copies of the packing list identifying contents of each package;
- (v) Manufacturer's or Supplier's warranty certificate;
- (vii) Certificate of origin.

[Other similar documents should be listed, depending upon the Incoterm provisions.]

Sample Provision (CFR/CPT through LC)

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 Secretary Primary & Secondary Healthcare, 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 Secretary P&SH Department.
- 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

7. Insurance

(GCC Clause 11) [where applicable]

GCC 11.1— The Goods supplied under the Contract shall be delivered duty paid (DDP) under which risk is transferred to the buyer after having been delivered, hence insurance coverage is sellers responsibility. Since the Insurance is sellers responsibility they may arrange appropriate coverage.

8. Incidental Services (GCC Clause 13)

GCC 13.1—Incidental services to be provided are:

[Selected services covered under GCC Clause 13 and/or other should be specified with the desired features. The price quoted in the Bid price or agreed with the selected Supplier shall be included in the Contract Price.]

9. Spare Parts

As per BDS.

10. Warranty

Mentioned in technical specifications.

11. Sample provision

[rate to be decided by the Procuring Agency but it should be reasonable]

GCC 15.4 & 15.5—The period for correction of defects in the warranty period is:

12. Payment (GCC Clause 16)

Sample provision

GCC 16.1—The method and conditions of payment to be made to the Supplier under this Contract shall be as follows:

Payment for Goods supplied: *[to be decided by the Procuring Agency as per rule-62 of PPR-14]*

Payment may be made in Pak. Rupees in the following manner: *(to be decided by the Procuring Agency)*

- (i) L.C Modality.
- (ii) Running Bill modality.
- (iii) Lump sum modality.

13. Prices (GCC Clause 17)

Sample provision

GCC 17.1—Prices shall be fixed and shall not be adjusted.

14. Liquidated Damages (GCC Clause 23)

GCC 23.1—Applicable rate:

Maximum deduction:

[Applicable rate shall not exceed one-half (0.5) percent per week, and the maximum shall not exceed ten (10) percent of the Contract Price after that Procuring Agency may proceed for the termination of contract along-with other remedies available under PPR-14.]

15. Resolution of Disputes (GCC Clause 28)

GCC 28.2—The dispute resolution mechanism to be applied pursuant to GCC Clause 28.2 shall be as follows:

As per rule-68 of PPR-14, in the case of a dispute between the Procuring Agency and the Supplier, the dispute shall be referred for arbitration in accordance with the Arbitration Act 1940.

16. Governing Language (GCC Clause 29)

GCC 29.1—The Governing Language shall be:

17. Applicable Law (GCC Clause 30)

GCC 30.1-The Contract shall be interpreted in accordance with the laws applicable in the jurisdiction of the province of Punjab (Pakistan):

18. Notices (GCC Clause 31)

GCC 31.1—Procuring Agency’s address for notice purposes:

—Supplier’s address for notice purposes:

19. Execution of Warranty for Major Biomedical Equipment/ Plant & Machinery

19.1 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.

19.2 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.

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

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

19.5 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.

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

19.7 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).

19.8 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.

19.9 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 |

19.10 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.

19.11 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.

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

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

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

19.15 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.

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

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

19.18 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.

Section-VII. Schedule of Requirements

CFR/CPT Basis:

| Mode of Penalty | Shipping period |
|------------------------|---|
| Without penalty | e.g. 90 days [please write exact period as per requirement] |

DDP basis

| Mode of Penalty | Delivery period |
|------------------------|--|
| Without penalty | 60 Days and 15 days grace period for DDP |

WARRANTY

| Warranty | No. of Years mentioned in technical specifications. |
|-----------------|--|
|-----------------|--|

Place of delivery:

1. THQ. Hospital Tandlianwala District Faisalabad.
2. THQ. Hospital Khurrianwala District Faisalabad.
3. THQ. Hospital Chak Jhumra District Faisalabad.
4. Nusrat Fateh Ali Khan Hospital Faisalabad.
5. THQ. Hospital Dijkot District Faisalabad.
6. Mother & Child Healthcare Centre at Chak No. 215-RB District Faisalabad.

Section-VIII: Sample Forms

8.1 Bid Form

[To be signed & stamped by the Goods Provider and reproduced on the letter head. To be attached with the Bid, in case of Single Stage One Envelope Procedure and with the Financial Bid, in case of Single Stage Two Envelope Procedure]

Date: _____

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

Gentlemen and/or Ladies:

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

We undertake, if our Bid is accepted, specified in the Schedule of Requirements.

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

We agree to a Bid by this Bid for a period of *[number]* days from the date fixed to Bid opening under Clause 2.3.8 of the Instructions to Bidders, and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

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

[In case of single stage one envelope bidding procedure]

The Composition of our Bid is:

- a) Complete bidding document (without filling) signed and stamped by the bidder
- b) all the forms relevant to the technical and financial bids (clearly indicated on each form)

- c) All the required documents establishing eligibility of bidders/goods shall be made part of the bid.
- d) Any other document required by the procuring agency not inconsistent with PPR-14.

[In case of single stage two envelope bidding procedure],

The Composition of our bid consists on separate Technical and financial bids, detail of which is as follows:

Technical bid includes the following:-

- a) Complete bidding document (without filling) signed and stamped by the bidder
- b) All the forms relevant to the technical bid, to be reproduced on the letter head of the bidder as indicated on each individual form.
- c) Copy of bid security form along with copy of financial instruments *[to be decided by the procuring agency i.e. Bank Guarantee / Bank call-deposit (CDR) / Demand Draft (DD) / Pay Order (PO) or Banker's cheque]* valid for () Days, beyond the validity of Bid in the manner as prescribed on the bid security form **8.10**.
- d) Any other document required by the procuring agency not inconsistent with PPR-14.

Financial bid includes the following:-

- a) Original Bid form (as per **form 8.1** of Bidding documents) on letter head of the firm, duly signed and stamped.
- b) Price schedule / financial form (as per **form 8.10**) to be reproduced on the letter head of the bidder duly signed and stamped.
- c) Original Bid security form (as per **form 8.11**) along with Original financial instrument *[to be decided by the procuring agency i.e. Bank Guarantee / Bank call-deposit (CDR) / Demand Draft (DD) / Pay Order (PO) or Banker's cheque]* valid for () Days, beyond the validity of Bid.
- d) *Any other document required by the procuring agency not inconsistent with PPR-14.*
- e) *Price of SLA to be mentioned (if required by PA).*

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

| Name and address of goods provider | Amount and Currency |
|------------------------------------|---------------------|
|------------------------------------|---------------------|

| | |
|-------|-------|
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |

(if none, state "none")

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

Dated this _____ day of _____ 20_____.

[signature]

[in the capacity of]

Duly authorized to sign Bid for and on behalf of _____

[The Procuring Agency should formulate Bid Form in accordance with PPR-14 keeping in view its requirements, nature of procurement. i.e. Bulk/Framework, item wise/package wise and form of contract to be adopted (i.e. DDP, CIF, C&F, FOR, FOP etc. if applicable). However, for a standard procurement/contract, contents of a generalized Bid Form may be as provided above.]

8.2 Bidder's JV Members Information Form (If applicable)

{To be reproduced and signed & stamped by the lead partner and all JV members on their letter Pad, to be attached with Technical Bid in addition to the JV agreement}

{The Bidder shall fill in this Form in accordance with the instructions indicated below. The following table shall be filled in for the Bidder and for each member of a Joint Venture}.

Date: *[insert date (as day, month and year) of Bid submission]*

RFB No.: *[insert number of RFB process]*

Alternative No.: *[insert identification No if this is a Bid for an alternative]*

Page _____ of _____ pages

| |
|--|
| 1. Bidder's Name: <i>[insert Bidder's legal name]</i> |
| 2. Bidder's JV Member's name: <i>[insert JV's Member legal name]</i> |
| 3. Bidder's JV Member's country of registration: <i>[insert JV's Member country of registration]</i> |
| 4. Bidder's JV Member's year of registration: <i>[insert JV's Member year of registration]</i> |
| 5. Bidder's JV Member's legal address in country of registration: <i>[insert JV's Member legal address in country of registration]</i> |
| 6. Bidder's JV Member's authorized representative information Name: <i>[insert name of JV's Member authorized representative]</i> Address: <i>[insert address of JV's Member authorized representative]</i> Telephone/Fax numbers: <i>[insert telephone/fax numbers of JV's Member authorized representative]</i> Email Address: <i>[insert email address of JV's Member authorized representative]</i> |
| 7. Attached are copies of original documents of <i>[check the box(es) of the attached original documents]</i> <input type="checkbox"/> Articles of Incorporation (or equivalent documents of constitution or association), and/or registration documents of the legal entity named above, in accordance with ITB 4.4. <input type="checkbox"/> In case of a state-owned enterprise or institution, documents establishing legal and financial autonomy, operation in accordance with commercial law, and that they are not under the supervision of the Purchaser, in accordance with ITB 4.6. |
| 8. Included are the organizational chart, a list of Board of Directors, and the beneficial ownership. |

8.3. Manufacturer's Authorization Form

[To be signed and stamped by the Bidder and to be attached with Technical Bid]

[See Clause 2.3.6 (iii) of the Instructions to Bidders.]

To: *[name of the Procuring Agency]*

WHEREAS *[name of the Manufacturer]*, who are established and reputable manufacturers of *[name and/or description of the goods]* having factories at *[address of factory]* do hereby authorize *[name and address of Agent]* to submit a Bid, and subsequently negotiate and sign the Contract with you against for the above goods manufactured by us.

We hereby extend our full guarantee and warranty as per Clause 15 of the General Conditions of Contract for the goods offered for supply by the above firm against this Invitation to Bids.

[Signature for and on behalf of Manufacturer]

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

8.4. Bidder Profile Form

[To be signed & stamped by the Bidder and reproduced on the letter head. To be attached with Technical Bid]

| Sr.# | Particulars |
|----------------------------|------------------------------|
| 1. | Name of the company: |
| 2. | Registered Office: |
| Address: | |
| Office Telephone Number: | |
| Fax Number: | |
| 3. | Contact Person: |
| Name: | |
| Personal Telephone Number: | |
| Email Address: | |
| 4. | Local office if any: |
| Address: | |
| Office Telephone Number: | |
| Fax Number: | |
| 5. | Registration Details: |

a) Audited Financial Statement Attachment/Income Tax Returns (Last ____ years)

| | |
|-----|----|
| Yes | No |
|-----|----|

b) Details of Experience (Last ____ Years)

| (i) | Similar Project (Agency/Department) | Item Name |
|------|--|-----------|
| | | |
| | | |
| | | |
| (ii) | Value of total Projects/Tenders/POs | Amount |
| | | |
| | | |
| | | |

c) Staff Detail and last month Payroll

| | |
|-----|----|
| Yes | No |
|-----|----|

[The Procuring Agency should formulate Bidder Profile Form in accordance with PPR-14 keeping in view its requirements, nature of procurement i.e. Bulk/Framework, item wise/package wise and form of contract to be adopted (i.e. DDP, CIF, C&F, FOR, FOP etc. if applicable). However, for a standard procurement/contract, contents of a generalized Bidder Profile Form may be as provided above.]

8.5. General Information Form

[To be signed & stamped by the Bidder and reproduced on the letter head. To be attached with Technical Bid]

| | Particulars | | | |
|-------------------------|-------------|--|------------------------------------|--|
| Company Name | | | | |
| Abbreviated Name | | | | |
| | | | | |
| National Tax No. | | | Sales Tax Registration No | |
| | | | | |
| PRA Tax No. | | | | |
| No. of Employees | | | Company's Date of Formation | |
| | | | | |
| | | | | |

*Please attach copies of NTN, GST Registration & Professional Tax Certificate

| | | | |
|----------------------------------|--|-----------------|--|
| Registered Office Address | | State/Province | |
| City/Town | | Postal Code | |
| Phone | | Fax | |
| Email Address | | Website Address | |

[The Procuring Agency should formulate General Information Form in accordance with PPR-14 keeping in view its requirements, nature of procurement i.e. Bulk/Framework, item wise/package wise and form of contract to be adopted (i.e. DDP, CIF, C&F, FOR, FOP etc. if applicable). However, for a standard procurement/contract, contents of a generalized General Information Form may be as provided above.]

8.6. Affidavit

[To be printed on PKR 100 Computerized Stamp Paper, duly attested by oath commissioner. To be attached with Technical Bid]

Name: _____

(Applicant)

I, the undersigned, do hereby certify that all the statements made in the Bidding document and in the supporting documents are true, correct and valid to the best of my knowledge and belief and may be verified by employer if the Employer, at any time, deems it necessary.

The undersigned hereby authorize and request the bank, person, company or corporation to furnish any additional information requested by the *[name of Procuring Agency]* of the Punjab deemed necessary to verify this statement regarding my (our) competence and general reputation.

The undersigned understands and agrees that further qualifying information may be requested and agrees to furnish any such information at the request of the *[name of Procuring Agency]*. The undersigned further affirms on behalf of the firm that:

- (i) The firm is not currently blacklisted by the Procuring Agency.
- (ii) The documents/photocopies provided with Bid are authentic. In case, any fake/bogus document was found at any stage, the firm shall be blacklisted as per Law/ Rules.
- (iii) Affidavit for correctness of information.

[Name of the Contractor/ Bidder/ Supplier] undertakes to treat all information provided as confidential.

Signed by an authorized Officer of the company

Title of Officer: _____

Name of Company: _____

Date: _____

8.7. Performance Guarantee Form

[To be signed & stamped by the Bidder and reproduced on the letter head. To be attached with Technical Bid]

To, _____
[name and address of the Procuring Agency]

WHEREAS (Name _____ of _____ the _____ Contractor/ _____ Supplier) _____ hereinafter called "the Contractor" has undertaken, in pursuance of "INVITATION TO BID FOR THE "PROVISION OF _____" procurement of the following:

1. **[Please insert details]**.

(Here in after called "the Contract").

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

AND WHEREAS we have agreed to give the Contractor a Guarantee;

THEREFORE WE hereby affirm that we are Guarantor and responsible to you, on behalf of the Contractor, 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 Contractor to be in default under the Contract, and without cavil or argument, any sum or sums as specified by you, 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 _____ day of _____, 20____, or _____ [insert number of days] after the rectification of the Defects, whichever is later.

[NAME OF GUARANTOR]

Signature _____

Name _____

Title _____

Address _____

Seal _____

Date _____

[The Procuring Agency may alter or modify the details of this form in accordance with PPR-14 keeping in view its requirements, nature of procurement i.e. Bulk/Framework, item wise/package wise and form of contract to be adopted (i.e. DDP, CIF, C&F, FOR, FOP etc. if applicable). However, for a standard procurement/contract, contents of a generalized this Form may be as provided above.]

8.8. Technical Bid Form

[To be signed & stamped by the Bidder and reproduced on the letter head. To be attached with Technical Bid]

| Sr. No. | Item name | Brand name with Country of Manufacturer | Make & model | Quantity | Country of Origin | Specifications dimensions |
|----------------|------------------|--|-------------------------|-----------------|--------------------------|----------------------------------|
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

Stamp & Signature of Bidder _____

8.9. Contract Form

[To be signed & stamped by the Bidder and reproduced on the letter head. To be attached with Technical Bid]

THIS AGREEMENT made on the _____ day of _____ 20____ between *[name of Procuring Agency]* Of *[country of Procuring Agency]* (hereinafter called “the Procuring Agency”) on the one part and *[name of Supplier]* of *[city and country of Supplier]* (hereinafter called “the Supplier”) on the other part:

WHEREAS the Procuring Agency invited Bids for certain goods and ancillary services, viz., *[brief description of goods and services]* and has accepted a Bid by the Supplier for the supply of those goods and services in the sum of *[contract price in words and figures]* (hereinafter called “the Contract Price”).

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.
2. The following documents shall be deemed to form and be read and construed as part of this Agreement, viz.:
 - (a) the Bid Form and the Price Schedule submitted by the Bidder;
 - (b) the Schedule of Requirements;
 - (c) the Technical Specifications;
 - (d) the General Conditions of Contract;
 - (e) the Special Conditions of Contract; and
 - (f) the Procuring Agency’s Notification of Award.
 - (g) Contract agreement
 - (h) Complete Bidding document
3. In consideration of the payments to be made by the Procuring Agency to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Procuring Agency to provide the goods and services and to rectify defects therein in conformity with all respects in accordance with the provisions of the Contract.
4. The Procuring Agency hereby covenants to pay the Supplier in consideration of the provision of the goods and services and the rectification of defects therein, the Contract Price or such other sum as may become payable under the provisions of the contract at the times and in the manner prescribed by the contract.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with their respective laws the day and year mentioned above.

Signed, sealed, delivered by _____ the _____ (for the Procuring Agency)

Signed, sealed, delivered by _____ the _____ (for the Supplier)

8.10. Financial Bid Form/Price Schedule

[To be signed & stamped by the Bidder and reproduced on the letter head. To be attached with Financial Bid]

| Sr. No. | Item name | Specifications/ dimensions | Country of Origin | Brand name, make & model | Unit price (inclusive of all taxes & duties etc.) | Quantity | Total price (inclusive of all taxes & duties etc.) | Total price (in words) |
|------------------------|-----------|-------------------------------|-------------------|--------------------------|---|----------|--|------------------------|
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| Total price in figures | | | | | | | | |
| Total price in words | | | | | | | | |

Total Bid value (against which a Bid shall be evaluated) in figure.
 Total Bid value (against which a Bid shall be evaluated) in words.

Note:

In case of difference between unit price and total price, unit price shall prevail and total price shall be “final”. *(Please refer ITB clause 2.5.6).*

In case of difference between amount in “words” and amount in “figures”, amount in “words” shall be considered final.

Stamp & Signature of Bidder _____

Note:

Bids are to be evaluated item wise.

8.11. Bid Security Form

[To be signed & stamped by the Bidder and reproduced on the letter head. To be attached with Financial Bid]

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

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

THE CONDITIONS of this obligation are:

1. If the Bidder withdraws its Bid during the period of Bid validity specified by the Bidder on the Bid Form; or
2. If the Bidder, having been notified of the acceptance of its Bid by the Procuring Agency during the period of Bid validity:
 - (a) fails or refuses to execute the Contract Form, if required; or
 - (b) fails or refuses to furnish the Performance Guarantee, in accordance with the Instructions to Bidders;

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

This guarantee will remain in force up to and including thirty (30) days after the period of Bid validity, and any demand in respect thereof should reach the Bank not later than the above date.

[Signature of the bank]

Section IX- Check List

[To be signed and stamped and presented on Bidder's letter head pad]

The provision of this checklist is essential prerequisite along with submission of tenders (with technical proposal).

| Sr. # | Detail | Responsive | Non-responsive |
|-------|--|------------|----------------|
| 1 | Original receipt for purchase of tender along with Standard Bidding Documents. | | |
| 2 | 2% Bid Security of estimated cost of articles / items given by the department. The Bid security must be submitted with technical proposal. | | |
| 3 | All required samples (if demanded) have been submitted in <i>[name of the Procuring Agency]</i> sample store. | | |
| 4 | Active Registration with Income Tax Authorities (National Tax Number NTN) at least three years old | | |
| 5 | Copy of active Registration with Sales Tax Authorities (STRN) | | |
| 6 | Copy of active Registration (Professional Tax Certificate) | | |
| 7 | Bidder s JV Member information as per form 8.2 | | |
| 8 | At least _____ of similar nature having similar cost or above have been performed / executed in public organization during last 02 years (certificate duly signed by gazetted officer attached). | | |
| 9 | Technical Bid Form (as per form 8.9 of Bidding documents) on letter head of the firm duly signed and stamped. | | |
| 10 | Financial Bid Form (as per form 8.1 of Bidding documents) on letter head of the firm, duly signed and stamped. | | |
| 11 | Bid Security Form (as per form 8.11 of Bidding documents) on letter head of the firm, duly signed and stamped. | | |
| 12 | Performance Guarantee Form (as per form 8.7 of Bidding documents) on letter head of the firm, duly signed and stamped. | | |
| 13 | General Information Form (as per form 8.5 of Bidding documents) on letter head of the firm duly signed and stamped. | | |
| 14 | Affidavit (as per form 8.6) on non-judicial Stamp Paper of Rs. 100/- | | |

| | | | |
|----|---|--|--|
| | <ul style="list-style-type: none"> (i) The firm is not currently blacklisted by the Procuring Agency. (ii) The documents/photocopies provided with Bid are authentic. In case of any fake/bogus document look at any stage. They shall be black listed as per Rules / Laws. (iii) Affidavit for correctness of information. (iv) ****omitted*** Affidavit for correction of information Form (as per form of Bidding documents) on letter head of the firm, duly signed and stamped. | | |
| 15 | <ul style="list-style-type: none"> i. Work order / supply order / purchase order of previous relevant experience. ii. Company profile. Staff list along with location and address <i>[where applicable]</i>. iii. Income Tax Returns/Audited Financial Statement, National tax number Certificate, General Sale Tax Number Certificate (last 03 year). iv. Bidders profile Form (as per form of Bidding documents) on letter head of the firm, duly signed and stamped. | | |

Stamp & Signature of Bidder _____

[The Procuring Agency may alter or modify the details of this form in accordance with PPR-14 keeping in view the nature and scope of the procurement and as per its requirements.]

LIST OF FURNITURE / FIXTURE, LABORATORY / MEDICAL / IT EQUIPMENTS & PLANT / MACHINERY WITH SPECIFICATIONS TO BE PROCURED FOR HEALTH INSTITUTIONS
DISTRICT FAISALABAD

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

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

| Sr. No. | Name & Specifications of Furniture/ Fixture, Laboratory / Medical Equipment's & Plant / Machinery | Approx. Qty. | Est. Per Unit Cost | Est. Total Cost |
|---------|--|--------------|--------------------|-----------------|
| 1. | <p><u>OFFICE CHAIR</u> Upholstered with best quality foam & leatherite / fabric, revolving & reclining gas lifter with mechanism and pedestal + arm rest black & chrome (600 mm) W x (500 mm) D x (1250 mm) H (Approximately)</p> <p>Local Made Mode: DDP Subject to Approval of Sample Warranty: 02 years warranty</p> | 256 | 18,000 | 4,608,000 |
| 2. | <p><u>OFFICE TABLE (LARGE)</u> Made of Malaysian laminated board with matching PVC edging and metal fins 1800 mm Width x (1050mm) Depth x (760mm) Height Approximately Drawer Pedestal: (400mm) Width x (460mm) Depth x (650mm) Height Approximately Drawer x 3 with central lock mechanism.</p> <p>Local Made Mode: DDP Subject to Approval of Sample Warranty:02 years warranty</p> | 15 | 60,000 | 900,000 |
| 3. | <p><u>CONFERENCE TABLE</u> Table Top: 30mm Thick Table Size: 16 × 4 × 2.5 (L×D×H) Material: High Quality MDF Lamination with PVC edges Structure: MDF Lamination Technology Box: consist of HDMI port, LAN Port, light power socket, the box needs to mounted inside the top of the table.</p> | 08 | 100,000 | 800,000 |

| | | | | |
|----|---|----|---------|---------|
| | <p>Made: Local/Imported Mode: DDP Subject to Approval of Sample Warranty: 02 years warranty</p> | | | |
| 4. | <p><u>FRACTURE TABLE</u> 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. base with cover, 4 swivel castors Table Top: <ul style="list-style-type: none"> - Head plate - Back plate - Seat plate - Leg plate. Movement: Full Length Radio translucent table top with X-Ray Cassette Up and down movement height range: Approx. 750-900mm Trendelenburg/Reverse Trendelenburg position Lateral tilt Approx. 15° or better Back plate: Approx. up 60°/down 40-50° or better 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 Ortho Accessories; <ul style="list-style-type: none"> - Leg traction device - Upper limb traction device - Nailing device for lower limbs - Divided Leg Section Made: Local/Imported Mode: DDP Warranty:02 years warranty</p> | 01 | 500,000 | 500,000 |
| 5. | <p><u>OFFICE CHAIR WITHOUT ARM</u> Baid Cane with Seat & back Without Arms, Structure made of 25/25 mm mild steel square pipe 18 Gauge. Finished with light grey powder coating paint (Texture). Local Made Mode: DDP Subject to Approval of Sample Warranty: 02 years warranty</p> | 10 | 10,000 | 100,000 |
| 6. | <p><u>TABLE SETS (FOR WAITING ROOM)</u> Consisting of three table (2 x 4) 2 (2 x 2) small table. Top glass NC lacquer spirit polish. Local Made Mode: DDP Subject to Approval of Sample Warranty:02 years warranty</p> | 07 | 50,000 | 350,000 |

| | | | | |
|-----|---|-----|--------|-----------|
| 7. | <p><u>MAYO TABLE</u> Base made of stainless steel pipe 1-1/2" x 1-1/2" square 16 SWG, pipe at one end and balanced by two stainless steel strip 3/8" x 1-1/2" which rest on floor when not moving the strip end, should have rubber padding. Two 2" castors. One 1-1/2" x 1-1/2" square 16 SWG stainless steel pipe in the centre in which moving pipe of 1-1/4" x 1-1/4" 16 SWG stainless steel which should be height adjustable by means of a side screw. Upper end should have ring for accommodating a standard size Die made tray (S.S). Size: Height adjustable from 60cm to 100cm</p> <p>Made: Local Mode: DDP Subject to Approval of Sample Warranty:02 years warranty</p> | 12 | 30,000 | 720,000 |
| 8. | <p><u>STEEL 03-SEATER BENCH</u> 03-Seater bench SS Base made of metal pipe size 1.5 inch x 3 inch Approx. 16-Gauge Foot made of chrome</p> <p>Made: Local/Imported Mode: DDP Subject to Approval of Sample Warranty:02 years warranty</p> | 184 | 40,000 | 7,360,000 |
| 9. | <p><u>OFFICE CUPBOARD STEEL</u> Almirah Size H-6' X W-1-1/2' X L-36 inch Approx. Made of Iron 18 Gauge Silver gray paint Four Shelves Two door lockable</p> <p>Local Made Mode: DDP Subject to Approval of Sample Warranty: 02 years warranty</p> | 42 | 40,000 | 1,680,000 |
| 10. | <p><u>CONFERENCE REVOLVING CHAIRS</u> Minimum Acceptable Specifications: High back revolving chair, seat/back cushioned with superior quality foam. Solid and reliable base with height adjustment. Leatherette / Mesh seating & back support. Noise free solid wheels</p> <p>Local Made Mode: DDP Subject to Approval of Sample Warranty: 02 years warranty</p> | 50 | 20,000 | 1,000,000 |
| 11. | <p><u>RACK FOR SHOES</u> Size (L x W x H) 56x12x50 Stainless steel frame of 20 gauge and body with minimum 5 shelves Local made (customized model)</p> <p>Local Made Mode: DDP</p> | 14 | 50,000 | 700,000 |

| | | | | |
|-----|---|----|--------|-----------|
| | Subject to Approval of Sample Warranty: 02 years warranty | | | |
| 12. | <p><u>DIRTY LINEN TROLLEY</u> Complete SS Structure Set of two linen receptacles with one spare canvas bag Mounted on n.4 rubber wheels diam.200 mm (2 fixed and 2 swivels) arranged at the corners. Dimensions: L: 1030 mm, D:630 mm, H:710 mm approx.</p> <p>Local Made Mode: DDP Subject to Approval of Sample Warranty: 02 years warranty</p> | 26 | 30,000 | 780,000 |
| 13. | <p><u>EXAMINATION COUCH</u> Patient Examination Couch Made of SS Structure Manually Operated Up Holstered with washable material Manual Head Raise SS Foot Steps (2 Steps) with Anti-Static Top</p> <p>Local Made Mode: DDP Subject to Approval of Sample Warranty: 02 years warranty</p> | 35 | 45,000 | 1,575,000 |
| 14. | <p><u>INSTRUMENTS TROLLEY</u> Mobile type 4 leg frames made of Stainless steel, Pipe 16 SWG All made of stainless steel 1" Dia. Tubular frame forms a safety rail, no sharp edges. Two shelves surface ground to reduce glare, resistant to disinfectants Instrument trolley, 800mm high, fitted above and below with frames and shelf 20 SWG made of Cr Ni steel size 24" x 36" to accept two sterilization tray. Four 75mm swivel castors, electrically conductive. Dimensions are approximate.</p> <p>Local Made Mode: DDP Subject to Approval of Sample Warranty: 02-year warranty</p> | 14 | 40,000 | 560,000 |
| 15. | <p><u>WARD TROLLEY</u> Complete Fiber Structure. For ward use Mounted on approx. 125mm castors. approx. The approximate internal dimensions of the medicine container shall be 80 w x 50 d x 30 h cm. Lockable with heavy-duty dead lock.</p> <p>Made: Local/Imported Mode: DDP Subject to Approval of Sample Warranty: 02-year warranty</p> | 02 | 80,000 | 160,000 |

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| 16. | <p><u>LOCKER FOR DOCTORS/NURSE</u> Dimension: 14x40x66 inches (Lx W x H) Approx. Construction with Galvanized Mild steel sheet OF 18 SWG Should be Three independent cabinet with locks & key separately One Shelf and Three hooks in each locker dual Ventilation in lockable doors. Finishing: Complete with Epoxy powder coated</p> <p>Local Made Mode: DDP Subject to Approval of Sample Warranty: 02-Years Warranty</p> | 05 | 40,000 | 200,000 |
| 17. | <p><u>EMERGENCY STRETCHER TROLLEY</u> Made in two parts: a) Stretcher removable b) Base trolley. Made from 1-1/4" X 1-1/4" square M.S. pipe 16 SWG having M.S. Sheet 18 SWG in bedding area with back rest adjustable to 60 degrees by means of comb/ratchet mechanism. Size 85cm (H) X 60cm (W) X 195cm (L) The bedding area covered by 2" 1st quality foam rexion cover. Having side rail collapsible Stretcher should have four roller underneath Stretcher should also have four reflecting bumpers I.V. rod provision on both sides and urine bags hooks Having 6" wheel casters two with brake With utility basket</p> <p>Finish: All metal parts to be chemically degreased/derusted through phosphate treatment OR sandblasting and covered with electrostatic polyester powder coating.</p> <p>Local Made Mode: DDP Subject to Approval of Sample Warranty: 02-year warranty</p> | 04 | 60,000 | 240,000 |
| 18. | <p><u>MOBILE FOLDING SCREEN 3-PC.</u> Frame in Three (03) parts constructed from fully plastic coated, MS hollow tubular pipe 1" dia, all frames fixed together with ABS universal joint for easy movement of each part. Curtain fitted with spring loaded rods mobile on six, coaster on 75mm dia curtain of wash and wear polyester cloth in variety of color. Finish: All metal parts to be chemically degreased / derusted though phosphate treatment OR sandblasting and covered with electrostatic polyester powder coating.</p> <p>Local Made Mode: DDP Subject to Approval of Sample Warranty: 02-year warranty</p> | 41 | 30,000 | 1,230,000 |
| 19. | <p><u>MEDICINE TROLLEY</u> For the storage of medication by ward nursing staff.</p> | 15 | 100,000 | 1,500,000 |

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| | <p>Frame and carcass shall be constructed from mild steel powder coated/ Polymer. Mounted on approx 125mm castors. The approximate internal dimensions of the medicine container shall be 80 w x50 d x30 h cm. The hinged lid of the unit shall slope down to the front. Lockable with heavy-duty dead lock. Shall be fitted with the following accessories:</p> <ul style="list-style-type: none"> • 4-tier rack for holding medications. • Ampoule holding rack. • Side mounted fold-down writing flap. • Different compartments for medicines with labeling. • Lower shelf mounted under medicine container. <p>Unit shall be supplied with a security clamp for wall fixing at the appropriate location, thus ensuring that the trolley is secure when not in use.</p> <p>Local Made Mode: DDP Subject to Approval of Sample Warranty: 02-year warranty</p> | | | |
| 20. | <p><u>REVOLVING PATIENT STOOL</u> 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 Made Mode: DDP Subject to Approval of Sample Warranty: 02 years warranty</p> | 33 | 6,000 | 198,000 |
| 21. | <p><u>INSTRUMENTS CUPBOARD</u> Material SS Size: Standard Size (1800mm x 900mm x 400 mm) Front door having 5 mm glasses. Four glass shelves 5 mm. Double Door see through glass 18 SWG Lockable with Handle</p> <p>Local Made Mode: DDP Subject to Approval of Sample Warranty: 02-year warranty</p> | 16 | 50,000 | 800,000 |
| 22. | <p><u>MULTISHELF STORAGE RACK</u> Size = 6 x 3 x 1/1/2 5 shelves, silver gray paint, frame made of angle iron 1/1/2 inch and 1 sotar, shelves made of 16 guage sheet of iron. 1 inch for all</p> | 18 | 50,000 | 900,000 |

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| | <p>sides of rack. Back side 3 cross made of iron 1 inch 2 side made of 1 cross patti fitting.</p> <p>Local Made Mode: DDP Subject to Approval of Sample Warranty: 02-year warranty</p> | | | |
| 23. | <p><u>STERILIZING DRUMS (SIZE 12 X 12)</u> Steel & steel made (Non-Magnet)</p> <p>Local Made Mode: DDP Subject to Approval of Sample Warranty: 02-Years Warranty</p> | 23 | 4,000 | 92,000 |
| 24. | <p><u>STERILIZING DRUMS (SIZE 9 X 9)</u> Steel & steel made (Non-Magnet)</p> <p>Local Made Mode: DDP Subject to Approval of Sample Warranty: 02-Years Warranty</p> | 05 | 3,000 | 15,000 |
| 25. | <p><u>DRESSING TROLLEY</u> Made of 16 gauge 1 inch round pipe Top shelf stainless steel non magnet 22 gauge 2 shelves 30 x 20 x 30 inch with 3 jar Imported wheel.</p> <p>Local Made Mode: DDP Subject to Approval of Sample Warranty: 02-Years Warranty</p> | 09 | 50,800 | 457,200 |
| 26. | <p><u>ORTHOPLASTER TROLLEY</u> Trolley Size: 500x800x900mm 304 grade Stainless Steel Safety fold to all edges 100mm Rubber Casters – 2 x un-braked, 2 x braked Tension telescopic ball bearing drawer runners. 12L Stainless Steel Bucket included</p> <p>Local Made Mode: DDP Subject to Approval of Sample Warranty: 02-Years Warranty</p> | 05 | 125,000 | 625,000 |
| 27. | <p><u>MEDICINE IRON RACK</u> Steel slotted sections should be manufactured from the best quality of material. Standard paint finish must be etched primed and stove. Electroplated nuts, bolts and washers shall be used. Upright frame. Manufacturing standard: Roll formed or equivalent Upright size: 8' (External), Depth 2' (External) and Width 6' Total number of shelves is 05.</p> | 103 | 80,000 | 8,240,000 |

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| | <p>Cross bracing 18 G Shoe: 3MM Sturdy structure with beam, row spacer, column guard, frame and protector etc.</p> <p>Local Made Mode: DDP Subject to Approval of Sample Warranty: 02-Years warranty</p> | | | |
| 28. | <p><u>WATER COOLER</u> Stainless Steel Body, Capacity 75 Liter / Hr 16-18 SWG Non-Magnet Stainless Steel Best Quality Imported compressor. Imported no-capacitor fan motor Two Outlets. Stainless steel top and body. Imported Stainless steel and leak proof water tank. High Quality tank Insulation. Rust Proof Condenser (Copper Pipe) with copper pipe evaporator. Food Grade Tank. Water Output 75 Liter / Hr</p> <p>Made: Local/Imported Mode: DDP Subject to Approval of Sample Warranty: 02-Years warranty</p> | 22 | 170,000 | 3,740,000 |
| 29. | <p><u>BP APPARATUS-WALL TYPE</u> Aneroid type. 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 Adults/ Peads. Complete with basket for storage of cuffs. Should be original and High quality.</p> <p>Country of Manufacturer: USA/EU/Japan Quality Certificate: FDA510K/CE MDD/ Jp MHLW Mode: DDP Subject to Approval of Sample Warranty: 02-Years warranty</p> | 63 | 25,000 | 1,575,000 |
| 30. | <p><u>BP APPARATUS (MOBILE)</u> Aneroid type. Tube with 3 mm silicone for Peads/Adults. Rubber inflation bulb fitted with filter to reduce dust build up. Air release valve with filter for precise deflation control. High visibility Large Scale 6" graduations on the aneroid scale. Rubber bulbs. Velcro cuff for Peads/Adults. Complete with mobile floor stand having storage of cuff</p> | 39 | 40,000 | 1,560,000 |

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| | Country of Manufacturer: USA/EU/Japan Quality Certificate: FDA510K/CE MDD/ Jp MHLW Mode: DDP Subject to Approval of Sample Warranty: 02 year warranty | | | |
| 31. | <u>WEIGHT MACHINE ADULT</u> Sturdy Analog round dial scale / Digital. Capacity up to 150 kg. Graduation Weight: 500 gm. Anti-slip platform. Adjustable zero point. Weighing units (kg). Height Measuring Rod Country of Manufacturer: USA/EU/Japan Quality Certificate: FDA510K/CE/ Jp MHLW Mode: DDP Subject to Approval of Sample Warranty: 02-Years Warranty with Parts | 30 | 70,000 | 2,100,000 |
| 32. | <u>WEIGHT MACHINE CHILDREN</u> Scales designed to weigh infants. Scales that contain a weighing platform with a tray. Minimum graduation, 50g. Readout in kg and in lbs. Includes removable tray for infant. Smooth surface/finishing allows for easy cleaning/disinfection. All vital parts made of rust proof materials. Panel: Imported Quality Certificate: FDA510K/CE/ Jp MHLW Mode: DDP Subject to Approval of Sample Warranty: 02-Years Warranty with Parts | 11 | 20,000 | 220,000 |
| 33. | <u>PULSE OXIMETER</u> 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 30-200 bpm or more 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: FDA 510K for USA/ CE MDD/MDR for European (NANDO notified bodies)/ Jp MHLW for Japanese manufacturers Mode: DDP Warranty: 02-year warranty with parts | 37 | 300,000 | 11,100,000 |
| 34. | <u>RESUSCITATION TROLLEY</u> | 03 | 750,000 | 2,250,000 |

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| | <p>Dished stainless steel / Polymer top. Approx. 520 x 400mm. 25mm dished. Lift-up laminated work flap as per manufacturer design. 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 high quality stainless steel I.V. Pole. Push handles on both sides Low level plastic bumper bar High Quality cushion castors (2 x braking) 1x stainless steel cylinder holders for D or E size cylinders. Cardiac board 600 x 400 x 5.5mm with stainless steel (AISI 304) 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 eq) Venturi suction unit with O2 outlet and 2.0-liter jar. (Flow meter/TM/Delta P or eq) O2 flow meter fitted to O2 venturi outlet 0-15 lpm. (Flow meter/TM/Delta P or eq)</p> <p>Intubation set comprising:</p> <ul style="list-style-type: none"> • Imported Macintosh laryngoscope with 4/5 blade set. • Magill introducing forceps • Autoclavable adult resuscitator • Set autoclavable E.T. tubes • Set Guedel airways • High quality torch • Artery forceps • Dressing scissors • Set plastic tubes <p>Examination light to rail clamp</p> <p>Country of Manufacturer: USA/EU/Japan Quality Certificate: FDA510K, CE MDD & Jp MHLW Mode: DDP Warranty: 02-Years Warranty with parts</p> | | | |
| 35. | <p><u>ECG MACHINE (6-CHANNEL):</u> Six Channels ECG on at least 3 – 5 inches LCD display or better Display of six channel ECG simultaneously Manual and Automatic Operation Variable Gain: 1/2, 1, 2 cm / mV Interpretation Software both Adult and Paeds Recording Trace speed: 10 / 12.5, 25 and 50 mm / sec Muscle artifact and AC (50 Hz) interference filters Defibrillator Protection Built-in battery operation with 60 mins / 15 ECGs Print Paper Size: 100 – 110 mm or larger Noise Filter and Baseline Correction</p> | 06 | 400,000 | 2,400,000 |

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| | <p>Thermal Recorder for printing out of Six Channels simultaneously Paper Rolls / Z Folds / Recording Papers: Quantity = 10 (Each Roll Length minimum 20 meters) Operating Requirement: AC 220 V & 50 Hz Securing / fixation to the mobile Cart by strap or other means must be provided</p> <p>Accessories: Conductive Jell 1.0L with each machine in small 250/300 mL packing. SS 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: 02-Years warranty with parts</p> | | | |
| 36. | <p><u>ELECTROLYTE ANALYZER</u> ISE System, For measuring electrolytes K, Na, Cl in, plasma, Serum and Urine Sample Volume according to design. Simultaneous display of measured values. Complete with standard and operation accessories including pack of reagents.Built-in Printer. Suitable online Sine wave UPS with Battery backup for 30 minutes 220V, 50 Hz operated. The reagents should be freely available in the market.</p> <p>Country of Manufacturer: USA/EU/Japan Quality Certificate: FDA 510K for USA/ CE MDD/MDR for European (NANDO notified bodies)/ Jp MHLW for Japanese manufacturers Manufacturing Standard: Must conform to the requirements of ISO 13485 Mode: DDP Warranty: 02-Years warranty with parts</p> | 02 | 850,000 | 1,700,000 |
| 37. | <p><u>BLOOD STORAGE CABINET</u> Detailed Requirement: Stainless Steel / PP Interior Automatic closing of the door Controlled fan cooling Key/password operated power switch Safety door lock Interior lighting 220V 50 Hz, AC</p> <p>User Adjustable Settings: Net capacity: 50 to 80 blood bags of 450ml or more Non modifiable temperature set point of +4°C to +25C ambient temperature. Safety thermostat Displayed Parameters: Touch screen display /Digital temperature display Temperature recording and online monitoring Acoustical and visual alarm for temperature and power failure Alarm system with battery backup Low and high alarm Door opening alarm</p> | 06 | 1,800,000 | 10,800,000 |

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| | <p>Country of Manufacturer: USA/Europe/Japan Quality Certificate: FDA 510K for USA/ CE MDD/MDR for European (NANDO notified bodies)/ JpMHLW for Japanese manufacturers Manufacturing Standard: Must conform to the requirements of ISO 13485 Mode: DDP Warranty: 02-Years warranty with parts</p> | | | |
| 38. | <p><u>ELECTROSURGICAL UNIT</u> Microprocessor based electrosurgical unit for normal and underwater 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 120 Watts. Bipolar coagulation power of 80 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 <p>Minor deviation in standard sizes of accessories is acceptable.</p> <p>Country of Manufacturer: USA/EU/Japan Quality Certificate: FDA 510K for USA/ CE MDD/MDR for European (NANDO notified bodies)/ Jp MHLW for Japanese manufacturers Manufacturing Standard: Must conform to the requirements of ISO 13485 Mode: DDP Warranty: 02-Years warranty with parts</p> | 14 | 1,400,000 | 19,600,000 |

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| 39. | <p><u>ICU MOTORIZED BED</u></p> <p>The mattress platform consists of four sections: a backrest, a fixed lying surface, a knee rest and a footrest. Backrest in solid laminate for x-ray translucency Built in Rechargeable Battery Sleeping position by means of one button Relax Position by means of one button Bed Length: Approx: 7 ft Bed Width with Side rails: Approx 3 ft Bedside rails length: Approx: 3 ft Height Electrically adjustable Electric High Low Position (Height adjustment from 450-750mm) The electrically adjustable backrest Electric Trendelenburg/ Anti-Trendelenburg The angle of backrest at least 70°. Castors Ø 125 mm. with central brake system. Safe working load 230KG approx. Quick release for CPR. Hand Remote Control system for different positions 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.</p> <p>BED SIDE CABINET: Laminated bedside table with MDF top panel, door, drawer and open space, castors dia 40 mm.</p> <p>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: FDA 510K for USA/ CE MDD/MDR for European (NANDO notified bodies)/ Jp MHLW for Japanese manufacturers Manufacturing Standard: Must conform to the requirements of ISO 13485 Mode: DDP Warranty: 02-Years warranty with parts</p> | 20 | 1,000,000 | 20,000,000 |
| 40. | <p><u>ORTHOPEDIC BED</u></p> <p>Orthopaedic Bed with mechanically operated back rest, left knee rest, right knee rest and footside height adjustment by super-smooth crank mechanism. Size: L 2170mm × W 985mm × H 560mm. ABS removable & interchangeable Head and foot panel. Balkan Frame (made of Stainless steel) for traction Collapsible Aluminium side railings. Epoxy coated mild steel frame work and 6 section perforated top. 125mm dia noiseless castors with with individual brake. Provision for I.V. Rod -4 (Corners)</p> | 02 | 200,000 | 400,000 |

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| | <p>Local Made (Best quality) Mode: DDP Subject to Approval of Sample Warranty: 02-Year Warranty</p> | | | |
| 41. | <p>ICU Monitor Operating Features and Characteristics: Non-fade TFT/LCD color display 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 adult and paediatrics; reusable type. Country of Manufacturer: USA/EU/Japan</p> | 28 | 1,800,000 | 50,400,000 |

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| | <p>Quality Certificate: FDA 510K for USA/ CE MDD/MDR for European (NANDO notified bodies)/ Jp MHLW for Japanese manufacturers (Compliance of any two quality standards is mandatory)</p> <p>Manufacturing Standard: Must conform to the requirements of ISO 13485</p> <p>Mode: DDP</p> <p>Warranty: 02-Years warranty with parts</p> | | | |
| 42. | <p><u>ICU VENTILATOR</u></p> <p>Ventilation: Microprocessor controlled powerful ventilation system mounted on trolley LCD/TFT color screen 15" Minimum.</p> <p>Patient Range: Pediatrics and Adult capability</p> <p>Breathing classification: Pressure control, Volume control and pressure control with set Volume Breath. Autoclavable reusable patient tubing circuit for peads and adult (01 each)</p> <p>Modes of Ventilation:</p> <p>Volume control Assisted CMV Pressure controlPS Assist Pressure support CPAP SIMV+ Pressure supportNon-invasive ventilation Bi-level Ventilation</p> <p>Control: Set & measured parameters simultaneously. Measurement range/ specification:</p> <p>Inspiratory tidal volume: 20 to 2000ml or better. Respiratory frequency: 10-100 bpm or better. SIMV breath frequency: 1-50 bpm or better. Inspiratory pressure: 10-80 cm H2O or better. Inspiratory flow: 80 cm H2O or better. I : E ratio :1:4/4:1 PEEP: 0 -20 cm H2O or better.</p> <p>FiO2/ O2 delivery: 21 – 100% (through paramagnetic sensor non-consumable or galvanized fuel/ consumable cell with free replacement for five years)</p> <p>Monitoring Parameters for set and measured value simultaneously:</p> <p>Total breath rate. Oxygen concentration measurementFIO2 monitoring capability Expired minute volumePeak expiratory flow I : E ratio Peak Pressure Mean pressure Lung Mechanics with pressure and volume loops.Others Control And Functions: Back up ventilationPause time INSP Microprocessor gas delivery system Breath circuit Compliance Compensation Expiratory hold/ Inspiratory hold Panel lock for safety Pressure/ flow trigger sensitivity Trigger sensitivity indication</p> <p>Alarms: Apnea</p> | 12 | 6,500,000 | 78,000,000 |

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| | <p>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 airway and humidification chamber with alarm for low/ high limits with water trap in the patient circuit.</p> <p>Nebulizer: Nebulization of the patient (Built-In/External)</p> <p>Supply requirements: Electric 220V/50Hz with internal chargeable battery backup min for 1.0 hr.</p> <p>Compressor Low Noise external Compressor system for powerful ventilation (Price to be quoted separately). Autoclaveable Test Lung (Qty-01) Note: THE WARRANTY OF EQUIPMENT WILL INCLUDE ALL CONSUMABLES LIKE BATTERIES, OXYGEN SENSOR AND FLOW SENSOR ETC</p> <p>Country of Manufacturer: USA/Europe/Japan Quality Certificate: FDA 510K for USA/ CE MDD/MDR for European (NANDO notified bodies)/ Jp MHLW for Japanese manufacturers (Compliance of any two quality standards is mandatory) Manufacturing Standard: Must conform to the requirements of ISO 13485 Mode: DDP Warranty: 02-Years Warranty</p> | | | |
| 43. | <p><u>ULTRASOUND MACHINE</u> Digital Ultrasound Scanner with digital beam former. The System should be capable to handle multi frequency probes. Probes: Multi frequency Convex Probe with center frequency between 3 to 5 MHz Measurement Modes: B, M and combination thereof. M. Mode sweep: 4 speed or more. Gray scale: 256 Sensitivity time gain: 6-8 steps, Depth: 24 cm or more Focusing system: 3 steps and dynamic Adjustable acoustic power Frame rate: 80 frames/ sec or more Keyboard: Alpha numeric with track ball / Touch pad Tissue Harmonics: Tissue Harmonic imaging Cine memory of 256 frames minimum Post processing: Image inversion, edge/echo enhancement correlation / persistence/Dynamic range/Gamma Curve. Image magnification 4x or more in real time. Display Monitor: 10"-12" LCD / TFT screen Operating Voltage: 220V, 50 Hz</p> | 06 | 3,500,000 | 21,000,000 |

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| | <p>UPS of appropriate capacity (min. 30 mins) on line type sine wave to be placed on trolley of USG Machine OR built-in backup of minimum 30 min.</p> <p>Gel: 05 liters in tubes Trolley compatible with the machine for smooth operations and transportation (Local) 20 High Density / High Glossy thermal paper Rolls Thermal Printer 256-Gray scale (Sony, Mitsubishi or equivalent)</p> <p>OPTIONAL: Multi-frequency Endocavity Probe with center Multi-frequency between 5 - 8 MHz (90-150 degree) Multi frequency Linear transducer of frequency range from 4 – 11MHz or more</p> <p>Country of Manufacturer: USA/Europe/Japan Quality Certificate: FDA 510K for USA/ CE MDD/MDR for European (NANDO notified bodies)/ Jp MHLW for Japanese manufacturers Manufacturing Standard: Must conform to the requirements of ISO 13485 Mode: DDP Warranty: 02-Years Warranty</p> | | | |
| 44. | <p><u>REFRIGERATOR-12 CFT</u> Transparent Glass Door Temperature Range 2-8 Degree Centigrade or better. Shelves 4 or more. Condenser Copper / Aluminum Fins/ Bundy Tube CFC Refrigerant R-134A or equivalent. LED Light, Energy Efficient, Automatic door. With built in / separate Stabilizer.</p> <p>Local Made Mode: DDP Warranty: 02-Years Warranty with Parts</p> | 26 | 250,000 | 6,500,000 |
| 45. | <p><u>REFRIGERATOR-20 CFT</u> Transparent Glass Door Temperature Range 2-8 Degree Centigrade or better. Shelves 4 or more. Condenser Copper / Aluminum Fins/Bundy Tube CFC Refrigerant R-134A or equivalent. LED Light, Energy Efficient, Automatic door. With built in / separate Stabilizer.</p> <p>Local Made Mode: DDP Warranty: 02-Years Warranty with Parts</p> | 01 | 300,000 | 300,000 |
| 46. | <p><u>MEDICAL REFRIGERATOR / LABORATORY</u> Capacity 375-400 liters approx. or more Construction- Pharmaceutical grade Exterior finish: Acrylic finish baked on zinc galvanized/painted steel/PP or better Interior finish: Acrylic finish baked on zinc</p> | 02 | 2,200,000 | 4,400,000 |

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| | <p>galvanized/stainless steel/PP front glass door Shelves: 7/8 wire shelves SS/polyethylene-coated max. load/shelf or drawer: 40 kg Refrigeration and Temperature Insulation HCFC-free rigid polyurethane foamed-in-place Cooling method Forced air Defrosting Fully automatic Refrigerant HFC Temperature control range 2 ~ 8°C (AT 0°C - 40°C no-load) Temperature sensor Thermistor/PT 100 Temperature control Microprocessor Alarms External mounting power failure alarm Remote alarm Temperature recording</p> <p>Country of Manufacturer: USA/Europe/Japan Quality Certificate: FDA 510K for USA/ CE MDD/MDR for European (NANDO notified bodies)/ Jp MHLW for Japanese manufacturers Manufacturing Standard: Must conform to the requirements of ISO 13485 Mode: DDP Warranty: 02-Years Warranty with Parts</p> | | | |
| 47. | <p><u>CENTRAL OXYGEN SYSTEM</u></p> <p>APPLICABLE STANDARDS/ CONFIGURATION: The Medical Gas Pipe line should strictly comply with the international standards and configuration for requirements of HTM 2022 or latest, however, ISO 7396-1 or latest can also be used. It would be the choice of the bidder for adherence to any standard which would be mentioned in the bid. The objectives are to ensure the following: a) Non-Interchangeability Between Different Pipeline Systems by Design; b) Continuous Supply of Gases and Vacuum at Specified Pressures by Providing Appropriate Sources; c) Required Flow Rates in Particular Areas/ Outlets; d) Use of Suitable Materials; e) Cleanliness of Components; f) Correct Installation; g) Provision of Monitoring, Controls and alarm at single site. h) Correct Marking of the Pipeline System; i) Following of Testing and Commissioning Protocols; j) Maintaining The Purity of the Gases Delivered by The Pipeline System; k) Correct Operational Management.</p> <p>AUTOMATIC-MANIFOLD FOR OXYGEN The Manifold shall be a fully automatic type & shall switch from left and right bank without fluctuation in delivery supply line pressure & without the need for external power. Delivery supply line Pressure with external power for switching between cylinder Manifold pure sine wave UPS with 4 hrs Backup should be required.</p> | 02 (Jobs) | - | 40,000,000 |

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| <p>CAPACITY: (2 x 8) with capacity of 100-120, m3/h. @ 4-5 bar</p> <p>FUNCTION:</p> <ul style="list-style-type: none"> • Fully automatic self-contained shuttle-valve/Solenoid valve (Ups Mandatory for Solenoid valve). • Microprocessor controlled LCD/LED display unit for monitoring and alarm of different parameters (High, low Pressure) for cylinder manifolds. • Units of pressure measurement (psi/Pa/bar). • Complete with relief valve • Emergency shut off valve and battery bank • Alarm for left and right side cylinder bank • Equipped with NIST Connection/Test Connection. <p>GAS OUTLETS (BS/DIN SYSTEM)</p> <p>Gas outlets, complete in Box/casing gas Specific, Self-sealing valve, indexed to eliminate interchangeability /erroneous tapping of gas, and cover plate as per Standard Design requirements of the bidder with following color coding. <i>Oxygen White</i></p> <p>BED HEADS UNIT FOR ICU:</p> <ul style="list-style-type: none"> • Each unit consists of: 1,500 mm and above • Horizontal type with railing • Built in over bed Light with ON/OFF switch. • Built in reading Light with ON/OFF switch. • Provision for Nurse Call/ Alert Button • Gas outlets (1x Vacuum, 2x Air, 2x Oxygen complete fitted). • Electrical provisions; • Electrical sockets: 6 Nos. & 2Nos. Multi Pin Plug and above Schuko / F-type All wiring conforms to standards, ground/earth • Monitor shelf with railing clamp • IV pole with railing clamp • Separate ducts for Electrical & Gas Pipes. <p>ALARM AREA WITH REMOTE SENSORS:</p> <p>Digital Display Alarm area with remote sensors for two/three/four/five/six gases. (Procuring agency to specify in accordance with the requirement) Individual display and sensor module. Self-diagnostic & error message displays readable for ease of maintenance psi, kPa or bar readout. Test & Mute Button, low alarm condition.</p> <p>MULTIPLE ZONE VALVE BOX:</p> <p>Multiple zone valve box for two/three/four/five/six gases. (Procuring agency to specify in accordance with the requirement) Each wall type zone valve box shall consist of the following Components. A steel valve box/Aluminum which can house two to six shutoff ball valves. Pressure gauges to display the pressure of various gases. NIST Connection)</p> | | | |
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| | <p>OXYGEN & AIR FLOW METER WITH S.S PROBE FOR Adult Oxygen flow meter with (unbreakable, Autoclaveable humidifier bottle) S.S probes Oxygen Flow meter complete set from 1 to 15 l.p.m.</p> <p>COPPER PIPING Supply and installation of seamless medical graded(ISO13348EN.) copper pipe, deoxidized and degreased along with required fitting etc., various sizes /diameter as per Drawing of the project and Design standard of the bidder with matching color indications of out lets. The sizes will vary from minimum of 12mm to onward as per design offered by the firm to ensure the pressure and flow 12,15,22,28, 35,42,54 and 76 mm; Oxygen: White</p> <p>SPECIAL TERMS & CONDITIONS:</p> <ol style="list-style-type: none"> 1. The item like manifold, outlet, Area Alarm, Multiple Zone valve Box, may be of same manufacturer. 2. The Vacuum System, medical air compressor and Pendant may be of different manufacturer but should be supplied by the same manufacturer of medical gas pipeline system. 3. All equipment must be according to international safety standard. 4. The color of outlets, piping and cylinder for recognition will be BS type for all the system equipment. 5. The drop outlet/ Connection will be flushed surface. Separate ducts for piping and electrification <p>Warranty: The warranty period shall be unconditional for all essential equipment to keep MGPLS functional which include: All parts/Consumables of equipment's, (Like seal, kits, pipes fittings, batteries of ups).</p> <p>Firm will be responsible to maintain flow and pressure in Hospital. During the period of machine functioning before signing of formal installation of report rectification of error or replacements of faulty part shall be the responsibility of supplying firm without any financial implication or liabilities at the institute or end-user.</p> <p>The warranty shall start from date of signing of installation report.</p> <ol style="list-style-type: none"> 1. The equipment must be from USA, Europe or Japan based manufacturers. 2. All equipment must be according to international safety standard. 3. The color of outlets, piping and cylinder for recognition will be BS type for all the system equipment. <p>Note:</p> <ol style="list-style-type: none"> 1. The bidders are required to mention the price of individual item separately. The pipes along with fittings will be quoted on | | | |
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| | <p>meter basis.</p> <p>2. The Lowest will be declared on complete package basis by taking unit price of individual items mentioned above.</p> <p>Country of Manufacturer: USA/Europe/Japan Quality Certificate: FDA 510K for USA/ CE MDD/MDR for European (NANDO notified bodies)/ Jp MHLW for Japanese manufacturers Manufacturing Standard: Must conform to the requirements of ISO 13485 Mode: DDP Warranty: Comprehensive 03 years</p> | | | |
| 48. | <p><u>OXYGEN CYLINDER 240 CFT WITH REGULATOR & TROLLEY</u> 240 cft Medical Cylinder O2 Nominal Capacity: 6800 ltrs/ 240cft Nominal Pressure: 137 Bar Water Capacity: 47 Ltr approx. Bull nose valve A handle wheel with transport safety cap shall be supplied with the cylinder. Duly tested by renowned/ authorized company. BS specifications and Color code standard.</p> <p>Country of Manufacturer: USA/EU/Japan Mode: DDP Subject to Approval of Sample Warranty: 02-Years Warranty</p> | 43 | 150,000 | 6,450,000 |
| 49. | <p><u>NITROUS OXIDE CYLINDER 48 CFT</u> 48 cft Medical Cylinder O2 Nominal Capacity: 1140 ltrs/ 48cft Nominal Pressure: 137 Bar Water Capacity: 10 Ltr approx. Bull nose valve A handle wheel with transport safety cap shall be supplied with the cylinder. Duly tested by renowned/ authorized company. BS specifications and color code standard.</p> <p>Country of Manufacturer: USA/EU/Japan Mode: DDP Subject to Approval of Sample Warranty: 02-Years Warranty</p> | 25 | 125,000 | 3,125,000 |
| 50. | <p><u>OXYGEN CYLINDER WITH REGULATOR AND TROLLEY</u> 240 cft Medical Cylinder O2 Nominal Capacity: 6800 ltrs/ 240cft Nominal Pressure: 137 Bar Water Capacity: 47 Ltr approx. Bull nose valve A handle wheel with transport safety cap shall be supplied with the cylinder. Duly tested by renowned/ authorized company.</p> | 50 | 200,000 | 10,000,000 |

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| | <p>BS specifications and Color code standard.</p> <p>Country of Manufacturer: USA/EU/Japan Mode: DDP Subject to Approval of Sample Warranty: 03-Years Warranty</p> | | | |
| 51. | <p><u>LED 32-INCH</u> Android Type 4K UHD 01 x USB, 01 x HDMI,</p> <p>Mode: DDP Warranty: Comprehensive One Year</p> | 16 | 80,000 | 1,280,000 |
| 52. | <p><u>AIR CONDITIONERS 1.5 TONS SPLIT DC</u> Split Type Cooling Capacity 18,000 BTU/hr. Inverter, T3 Technology Compressor, Remote Control, Efficient Air Throw, LED Display, Low Voltage Startup, Eco-Friendly Refrigerant, Auto Restart, 24 Hour Timer, Standard Installation kit with outdoor unit mounting. Heat & Cool Function, Along with Installation, Standard Accessories and Piping (Refrigerant & Drain) The bidder will be responsible for installation.</p> <p><u>Optional:</u> The firm is required to quote the price of piping (refrigerant & drain) per feet basis, other than standard.</p> <p>Local/ Imported (Best quality)</p> <p>Mode: DDP Warranty: 02-Year warranty with parts, 05-Years electronic kit and 10-Years replacement warranty of the compressor</p> | 100 | 400,000 | 40,000,000 |
| 53. | <p><u>AIR CONDITIONER 2 TON CABINET (STANDING UNIT)</u> Cabinet Type Cooling Capacity 24,000 BTU/hr. Inverter, Remote Control, Efficient Air Throw, LED Display, Low Voltage Startup, Eco-Friendly Refrigerant, Auto Restart, 24 Hour Timer, Standard Installation kit with outdoor unit mounting. Heat & Cool Function, Along with Installation, Standard Accessories and Piping (Refrigerant & Drain) The bidder will be responsible for installation.</p> <p><u>Optional:</u> The firm is required to quote the price of piping (refrigerant & drain) per foot basis, other than standard.</p> <p>Local/ Imported (Best quality)</p> <p>Mode: DDP</p> | 10 | 500,000 | 5,000,000 |

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| | Warranty: 02-Year warranty with parts, 05-Years electronic kit and 10-Years replacement warranty of the compressor | | | |
| 54. | <p><u>DENTAL X-RAY MACHINE</u> 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 0.7mm 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</p> <p>Country of Manufacturer: USA/EU/Japan Quality Certificate: FDA 510K for USA/ CE MDD/MDR for European (NANDO notified bodies)/ Jp MHLW for Japanese manufacturers (Compliance of any two quality standards is mandatory) Manufacturing Standard: Must conform to the requirements of ISO 13485 Mode: DDP Warranty: 02-Years warranty</p> | 04 | 1,000,000 | 4,000,000 |
| 55. | <p><u>OPERATING MICROSCOPE (EYE)</u> Floor stand mount microscope body with zoom (ratio 1:5 or better). Linear/Continuous zooming XY coupling Built-in coaxial illumination with red reflex. Motorized fine focusing and manual or motorized coarse focusing Objective f=175mm/ f=200 mm Binocular tube: inclined at a fixed / variable angle Eyepiece: 10 X or 12.5X with dioptric adjustment Halogen/LED illumination with controllable intensity with/without fiber optic cable Water proof foot control panel. Sterilizable protective caps for all drive knobs</p> <p>Accessories: 06 spare halogen lamps (in case of halogen illumination). Dust cover.</p> <p>Country of Manufacturer: USA/EU/Japan Quality Certificate: FDA 510K for USA/ CE MDD/MDR for European (NANDO notified bodies)/ Jp MHLW for Japanese manufacturers Manufacturing Standard: Must conform to the requirements of ISO 13485 Mode: DDP Warranty: 02-Years warranty with parts</p> | 02 | 6,000,000 | 12,000,000 |

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| 56. | <p><u>PHACOEMULSIFICATION UNIT</u> Main console with surgeon setting programming & dust cover. Phaco modulation choice of single multiple and continuous mode Multiple Programmability 4-6 Piezo Electric Crystal Bipolar Coagulation /Endo diathermy Capability Vacuum 5-500 mmHg. Provision for 2.3 & 2.8 mm incisions. Programmable foot pedal. Peristaltic pump. Irrigation/ Aspiration and phaco emulsification. I/A collection cassette or bag I/A test chamber Irrigation sleeves Phaco needle 30 deg different types like bevel round (Qty: 06). Disposable Vitrectomy cutter (Qty:10) Phaco hand piece with lock and sterilization box with local made Trolley. With compatible imported online UPS with dry batteries for 15 minutes back up.</p> <p>Country of Manufacturer: USA/EU/Japan Quality Certificate: FDA 510K for USA/ CE MDD/MDR for European (NANDO notified bodies)/ JpMHLW for Japanese manufacturers Manufacturing Standard: Must conform to the requirements of ISO 13485 Mode: DDP Warranty: 02-Years Warranty with parts</p> | 01 | 8,000,000 | 8,000,000 |
| 57. | <p><u>BIO-METER (A SCAN)</u> Ultrasonic bio-meter for manual or automatic freezing system when valid measurement is detected. Measurement of axial length, ACD and lens thickness, features measurement of 5 or more reading with adjustable gates/Gain. Standard deviation of multiple scans, fully digitized display of real time echograms. Solid probe with fixation light. Audio feedback for probe alignment. With standard formulae</p> <p>Accessories: Compatible laser printer for all data</p> <p>Country of Manufacturer: USA/EU/Japan Quality Certificate: FDA 510K for USA/ CE MDD/MDR for European (NANDO notified bodies)/ JpMHLW for Japanese manufacturers Manufacturing Standard: Must conform to the requirements of ISO 13485 Mode: DDP Warranty: 02-Years Warranty with parts</p> | 02 | 1,800,000 | 3,600,000 |
| 58. | <p><u>AUTOREFRACTROMETER / KERATOMETER</u> With auto measurement & printout with standard accessories. Manual or motorized chin rest movement. Measuring range:</p> | 03 | 1,850,000 | 5,550,000 |

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| | <p>Spherical: $\pm 17D$ or better. Cylinder: $\pm 6 D$ or better. Axis: 1 to 180°. Pupil distance: Max 85mm (increment 1mm). Display: LCD monitor with printer. Electric power: 220V AC, 50Hz. With paper roll, dust cover and cleaning kit. On locally made motorized table. Corneal radius of curvature 6.6mm to 9.2mm or better. Corneal refractive power ranging from 36.5D to 51D or better. Axis of corneal astigmatism 0 to 180°.</p> <p>Country of Manufacturer: USA/EU/Japan Quality Certificate: FDA 510K for USA/ CE MDD/MDR for European (NANDO notified bodies)/ JpMHLW for Japanese manufacturers Manufacturing Standard: Must conform to the requirements of ISO 13485 Mode: DDP Warranty: 02-Years Warranty</p> | | | |
| 59. | <p><u>E.N.T HEAD LIGHT</u> LED Headlight white light, lightweight model, control unit and rechargeable battery box, charging unit, illumination area adjustable in diameter with 40 cm working distance. LED Headlight Battery Box, Charger, Headband, Mains cord</p> <p>Country of Manufacturer: USA/EU/Japan Quality Certificate: FDA510K/CE MDD/ Jp MHLW Mode: DDP Warranty: 02-Years Warranty with parts</p> | 02 | 800,000 | 1,600,000 |
| 60. | <p><u>LAPAROSCOPY MACHINE</u> Imaging system should have backward and forward compatibility and modularity for futures upgrade and with latest image enhancement modules for better image quality and identifications of the landmarks and pathology for better outcomes of the surgery The Laparoscope of these specifications shall be provided/compatible with full: UHD minimum of 1920 x 1080 pixels with the method of Progressive Scanning</p> <p>Telescope:</p> <ol style="list-style-type: none"> i. Diameter 10 mm, 0working length 290-340 mm ii. 10 mm straight, 30o view working length 290-340 mm iii. 5 mm straight forward "0" degree iv. 5 mm forward oblique "30" degree <p>Camera Full CCD or 3CMOS (1920x1080 Pixels)</p> <ol style="list-style-type: none"> v. Camera control unit and video camera Head, Pal system. vi. Integrated (image processing model) vii. Power supply accordingly <p>Special Feature Required:</p> <ol style="list-style-type: none"> viii. Automatic or manual while balance ix. Powerful video signal processing x. Image enhancement modes. xi. Picture in picture mode control via camera head button or monitor xii. Control of peripheral i.e., light source, recording system | 02 | 20,000,000 | 40,000,000 |

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| | <p>parameter via camera head button or console</p> <p>xiii. Still image capturing in full HD quality (JPEG) format via camera head buttons</p> <p>xiv. Video capturing in full HD quality (MPEG 4 format) via camera head buttons</p> <p>xv. Should have compatibility with video scope of same brand.</p> <p>xvi. Max. resolution: 1920 x 1080 -pixel, progressive scan</p> <p>xvii. Video Output: HDMI OR DVI OR SDI</p> <p>xviii. Composite signal to BNC Socket.</p> <p>xix. S-Video Signal to 4-pin mini-Din Socket (2X)</p> <p>xx. RGB Signal to D-Sub Socket.</p> <p>xxi. DV Signal to DV Socket (only with DV Module)</p> <p>Monitor:</p> <ul style="list-style-type: none"> ❖ Medical graded full HD CD or LEC 20 Inch or better with Resolution 1920x1080 from the same manufacturer ❖ ARM or STAND for the LED or LCD Monitor ❖ Imported trolley should be from the same manufacturer ❖ Light Source Xenon equal to 300 watts/LED ❖ LED with all standard accessories (If the firm will quote the Xenon light source it will be compulsory to quote and supply 5 Xenon lamps of each unit) ❖ Light guide cable, diameter 4mm or more and length minimum 200 or 300 cm ❖ Electronic CO₂ insufflator ❖ 40-50 Liter/min complete in all respect with all standard accessories ❖ Smoke Evacuator System or Anti Fogging System ❖ Clip applicators ❖ Trocar with trocar sleeve 10mm Approx. (2 No's) ❖ Trocar with trocar sleeve 5mm Approx. (2 No's) ❖ High Flow verses needle (2 No's) ❖ Integrated or separate medical graded video recorder with storage capacity of 500 GB or more <p>Accessories:</p> <p>(i) Online 2KVA UPS with 30 min backup to be provided locally</p> <p>(ii) Cylinder 240CFT with complete accessories (to be supplied locally) certified by respective agency</p> <p>(iii) Imported storage boxes for instruments and optics</p> <p>(iv) Imported disinfection Boxes</p> <p>(v) Standard Cleaning Set as manufacturer recommendations for cleaning of tubular shafts and other instruments LIST OF INSTRUMENTS REQUIRED FOR GENERAL SURGERY Note: the minor variation in size and type of the instruments would be acceptable. The size of instruments is approximate. The mentioned shape and style of instruments is for reference and may be quoted their equivalent. Hasson Cone:</p> <p>(vi) Trocar size 10/11 mm with cannula & multifunction valve length 10.5cm pyramidal tip & conical tip one.</p> <p>(vii) Maryland dissecting forceps slightly curved with Cannula pin for unipolar coag Dia 5mm, length 30- 36 cm, insulated, relatable.</p> <p>(viii) Dissecting forceps insulated rotatable needle nose.</p> <p>(ix) Reddick-Olsen dissecting and grasping Forceps, heavy.</p> | | | |
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| | <ul style="list-style-type: none"> (x) Dissecting and Grasping forceps, alligator jaws with connector pin for unipolar coagulation, size 5mm. (rotatable, straight) (xi) Dissecting and Grasping Forceps, (Kelly's)with connector pin for unipolar coagulation, size 5mm. length 30-36 cm length, double action jaw. (xii) Dissecting and grasping forceps, (Kelly's)with connector pin for unipolar coagulation, size 5mm36 cm length, double action jaw grasping forceps with teeth with connector pin for unipolar coagulation, size 5mm double action jaw with ratchet. (xiii) Multifunction grasping forceps, 1x2 teeth with connector pin for unipolar coagulation, size 5mm (xiv) Bowel grasping forceps, two rows of traumatic teeth without connector pin for unipolar coagulation, size 5/10mm. (xv) Bowel Grasping Forceps with connector pin for unipolar coagulation, size 5/10mm. (xvi) Babcock Grasping Forceps rotating, dismantling with connector pin for unipolar coagulation, size 5/10mm. (with ratchet). (xvii) Babcock Grasping Forceps rounded without connector pin for unipolar coagulation, size 5/10mm. (xviii) Claw forceps, single/double/action jaw, with teeth, size 5/10mm, length 33-36, 01short, rotating consisting of Mattel or sterilizable handle with ratchet, outer tube, insulated, forceps insert. (xix) Clip applicator (medium large) & medium, rotating, ratchet with clips. (xx) Tenaculum forceps, rotating, size 5/10 mm, length 33-36 cm, and Mattel or sterilize able handle with ratchet, outer tube, insulated, and forceps insert. (xxi) Metzenbaum scissors, curved rotating, with connector pin for unipolar coagulation, size 5 mm, length 33-36 cm insulated handle, outer tube, insulated. (xxii) Curved/angled scissors, rotating, size 5mm, length 33-36cm: insulated handle, outer tube, insulated. (xxiii) Micro scissor curved 5mm, insulated with diathermy Lead. (xxiv) Hook scissor single action jaws, size 5 mm, length 33-36 cm: insulated handle, outer tube, insulated, insert (xxv) Scissor straight 5mm insulated with diathermy. (xxvi) L Shaped dissecting electrode /diathermy size 5mm, insulated, length 33-36 cm (L-hook dissector). (xxvii) Coagulating and dissecting electrode, spatula-shaped, blunt with connector pin for unipolar coagulation, size 5 mm, working length 33-36cm. (xxviii) (Injection) Aspiration needle 5mm. (xxix) Biopsy forceps insulated (5mm). (xxx) Bipolar diathermy electrode. (xxxi) Uterine cannula, with 2 cones, large and small spring-loaded fixation for forceps with luer lock adaptor for cleaning. (xxxii) Uterine tenaculum forceps, length 22cm. (xxxiii) Suction and coagulation cannula, 3mm, with connector | | | |
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| | <p>pin for unipolar coagulation, 30cm. (xxxiv) Dissecting electrode l and j shaped. (xxxv) Needle holder 5 mm (xxxvi) Needle grasper 5 mm (xxxvii) Thread manipulator 5 mm (xxxviii) Retractor 10 mm (3 blade) (xxxix) Knot pusher. (xl) Diathermy Leads Autoclavable. (xli) Bipolar Forceps and Leads. (xlii) Clip applicators. (xliii) Trocar with trocar sleeve 05mm Approx. (xliv) High flow verses needle. Optional: ❖ 10mm straight, 45° or more view working length 290-340 mm Note: Minor deviation in shape and sizes will not be considered reason of rejection Country of Manufacturer: USA/Europe/Japan Quality Certificate: FDA 510K for USA/ CE MDD/MDR for European (NANDO notified bodies)/ JpMHLW for Japanese manufacturers Manufacturing Standard: Must conform to the requirements of ISO 13485 Mode: DDP Warranty: 02-Years warranty with parts</p> | | | |
| 61. | <p><u>Uretroscope complete (Adult)</u> Uretero-roscope, Autoclavable, Semi Rigid Tip size 6-9Fr, Angle: 5-12 degree Working Length: 43cm Instrument Channel with lateral offset eye piece or Equivalent Silicone automatic valve, ø 3.9 mm, 5 pieces / package Rubber cap for instrument channel Flexible cleaning brush for instrument channel Grasping Forceps (Compatible with sets) Biopsy Forceps (Compatible with sets) 2-3 prong forceps (Compatible with Set) Sterilization Tray compatible with sets Light Source Lamp type: LED Light Source Lamp life: 20,000 or more Control: Knob or Buttons Light guide cable: Diameter 3.5mm or more, length minimum 200 to 300 cm. Power Requirements: 220 V, 50 Hz Country of Manufacturer: USA/Europe/Japan Quality Certificate: FDA 510K for USA/ CE MDD/MDR for European (NANDO notified bodies)/ Jp MHLW for Japanese manufacturers Manufacturing Standard: Must conform to the requirements of ISO 13485 MODE: DDP Warranty: 02-Years Warranty</p> | 01 | 6,000,000 | 6,000,000 |

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| 62. | <u>General surgery sets minor</u> SCALPEL HANDLE No. 3 SCALPEL HANDLE No. 4 MA YO SCISSORS STR 14.5CM MAYO SCISSORS CVD 14.5CM METZENBAUM SCISSORS BL/BL STR 14.5CM STANDARD DRESSING FORCEPS 11.5CM STANDARD DRESSING FORCEPS SERR 14.5 CM STANDARD TISSUE FORCEPS 1X2T, 1 1.5CM STANDARD TISSUE FORCEPS 1X2T, 14.5CM HALSTEAD MOSQUITO FORCEPS STR 12.5CM HALSTEAD MOSQUITO FORCEPS CVD 12.5CM KELLY HEMOSTATIC FORCEP STR 14.5CM KELLYHEMOSTATIC FORCEP CVD 14.5CM ROCHESTER PEAN HEMOSTATIC FORCEPS CVD 18CM BACKHAUS TOWEL FORCEPS 13CM GROOVED DIRECTOR WITH BUTTON PROBE 14CM FOERSTER SPONGE HOLDING FORCEP SERR STR 25CM PARKER RETRACTOR DIE SET/2, 18CM RICHARDSON RETRACTOR 28X20MM SENN MUELLER (KILNER) RETRACTOR D/E SH. 17CM VOLKMANN RETRACTOR SHARP 3 PR. 21.5 CM ALM RETRACTOR SHARP 10CM CRILE WOOD NEEDLE HOLDER 15CM TC MA YO HEGAR NEEDLE HOLDER 16CM TC ALLIS TISSUE FORCEPS 5X6T, 15CM Local made (Best quality) Mode: DDP Subject to Approval of Sample Warranty: 01-Year Warranty | 1 1 1 1 1 1 1 1 1 6 12 6 6 6 12 1 2 1 2 2 2 2 2 1 1 8 | 01 | 65,000 | 65,000 |
| 63. | <u>General surgery sets major</u> YANKAUER SUCTION TUBE FORCEPS HOLDER 12CM FORCEPS HOLDER 14CM FORCEPS HOLDER 18CM KNIFE HANDLE NO.3 KNIFE HANDLE NO.4 KNIFE HANDLE NO.7 OPERATING SCISSORS 5 1/2" STR. S/B MAYO DISSECTING SCISSORS 6 3/4" STR. MAYO DISSECTING SCISSORS 6 3/4" METZENBAUM SCISSORS 7" CVD. TC TIP METZENBAUM SCISSORS 8" STR. TC TIP METZENBAUM SCISSORS 8" CVD. TC TIP STANDARD DRESSING FORCEPS SERR STANDARD TISSUE FORCEPS 1X 2 T, 18CM ADSON DRESSING FORCEPS SERR 12CM ADSON TISSUE FORCEPS 1X 2 T, 12CM CUSHING DRESSING FORCEPS 7" SERR . CUSHING TISSUE FORCEPS 7" 1X 2 TEETH HALSTEAD MOSQUITO FORCEPS 5" STR. HALSTEAD MOSQUITO FORCEPS 5" CVD. ROCHESTER-PEAN FORCEPS CVD 16CM. | 1 6 12 4 | 18 | 120,000 | 2,160,000 |

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| | ROCHESTER -PEAN FORCEPS 8" CVD. 4 ROCHESTER-OCHSNER FORCEPS CVD 4 MIXTER FORCEPS 9" 1 BABY MIXTER FORCEPS 5 1/4" FULLY CVD. 1 BACKHAUS TOWEL CLAMP 5 1/4" 12 FOERSTER SPONGE FORCEPS 9 1/2" STR. 2 CRILE WOOD NEEDLE 1 MAYO- HEGAR NEEDLE HOLDER 7" T/C TIP 1 MAYO- HEGAR NEEDLE HOLDER 8" T/C TIP 1 MAYO- HEGAR NEEDLE HOLDER 10 1/2" 1 POOLE SUCTION TUBE STR 23CM 1 U.S. ARMY RETRACTOR SET OF 2, 21CM 1 RIBBON RETRACTOR 30 X 330MM 1 DEAYER RETRACTOR 25 X 300MM 2 DEAYER RETRACTOR 38 X 300MM 2 DEAYER RETRACTOR 50 X 300MM 2 MORRIS RETRACTOR S/E 51X38MM 2 MORRIS RETRACTOR S/E 51X51MM 2 LANGENBACK RETRACTOR 22X6MM, 21CM 2 LANGENBACK RETRACTOR 44X13MM, 2 LANGENBACK RETRACTOR 2 BELFOUR RETRACTOR W/ 1 LAHEY GALL DUCT FORCEPS CVD 19CM 1 LAHEY SWEET GALL DUCT FORCEPS 1 ALLIS TISSUE FORCEPS 4 X 5 T, 15CM 4 ALLIS TISSUE FORCEPS 5X6T, 19CM 4 BABCOCK TISSUE FORCEPS 16CM 2 BABCOCK TISSUE FORCEPS 20CM 2 DEBAKEY ATRAUMATIC TISSUE FORCEPS 1 DOYEN INTESTINAL FORCEPS STR 21CM 2 DOYEN INTESTINAL FORCEPS CVD 21CM 2 MAYO ROBSON INTESTINAL CLAMP STR 2 MAYO ROBSON INTESTINAL CLAMP CVD 2 DENIS BROWNE INTESTINAL HOLDING 2 LANE TISSUE FORCEPS 19CM 2 | | | | |
| | Local made (Best quality) Mode: DDP Subject to Approval of Sample Warranty: 01-Year Warranty | | | | |
| 64. | <u>D & C Instruments Set</u> BIOPSY FORCEPS 25CM 1 SIMS UTERINE SOUND MALLEABLE 32CM 1 SIMS UTERINE CURRETTE <i>DIE</i> SHARP 25CM 3 TEALE VULSELLUM FORCEPS 23CM 2 GALL BLADDER SOUND IOFG 1 SIMS VAGINAL SPECULUM <i>DIE</i> MEDIUM FIG. 2 1 HEGAR UTERINE DILATOR <i>DIE</i> SET18, IN POUCH 1 FOERSTER SPONGE HOLDING FORCEPS SERR STR 25CM 1 HEYWOOD SMITH OVUM FORCEPS 25.5CM 1 RHEINSTADTER FLUSHING CURRETTE SH. 7.9MM, 1 29CM 1 | | 02 | 50,000 | 100,000 |

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| | RHEINSTADTER FLUSHING CURRETTE SH. 11. IMM, 29CM RHEINSTADTER FLUSHING CURRETTE SH. 14.3MM, 29CM RHEINSTADTER FLUSHING CURRETTE BL. 7.9MM, 29CM RHEINSTADTERFLUSHING CURRETTEBL. II.IMM, 29CM RHEINSTADTER FLUSHING CURRETTE BL. 14.3MM, 29CM Local made (Best quality) Mode: DDP Subject to Approval of Sample Warranty: 01-Year Warranty | 1 1 1 1 1 | | | |
| 65. | <u>Kidney Donor Tray</u> DEBAKEY VASCULAR FORCEPS CVD 11" DEBAKEY VASCULAR FORCEPS STR 11" POTT'S SCISSORS BOWEL LARGE 811 HAMMER HEAVY ARTERY FORCEPS 7" TISSUE FORCEPS 7" KIDNEY TRAY 10" KIDNEY TRAY 12" Local made (Best quality) Mode: DDP Subject to Approval of Sample Warranty: 01-Year Warranty | 1 1 2 2 1 1 1 1 1 1 | 10 | 14,000 | 140,000 |
| 66. | <u>Caesarian Section Instruments Set</u> WRIGLEY OBSTETRICAL FORCEPS 28CM DOYEN RETRACTOR 50X85MM, 25CM KIDNEY TRAY 250XI20X40MM REGAR UTERINE DILATORS <i>DIE</i> SET18, IN POUCH GREEN ARMYTAGE UTERUS HEMOSTATIC FORCEPS 21CM ROCHESTER PEAN HEM OST A TIC FORCEPS CVD 20CM BACKHAUS TOWEL FORCEPS 13CM ALLIS TISSUE FORCEPS 5X6T, 19CM MA YO REGAR NEEDLE HOLDER 18CM SCALPEL HANDLE NO. 4 STANDARD DRESSING FORCEPS SERR 18 CM STANDARD TISSUE FORCEPS 1X2T 18CM FOERSTER SPONGE HOLDING FORCEPS SERR STR 25CM MA YO SCISSORS STR 17CM STANDARD DRESSING FORCEPS SERR 16CM ROCHESTER OCHSNER FORCEPS CVD 24CM ALLIS TISSUE FORCEPS 5X6T, 24CM Local made (Best quality) Mode: DDP Subject to Approval of Sample Warranty: 01-Year Warranty | 1 1 1 1 4 2 4 4 1 1 2 2 2 1 2 2 2 2 | 05 | 40,000 | 200,000 |

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| | R.A RETRACTOR MEDIUM TOUCH FORCEPS PLAIN 8" TOUCH FORCEPS TOOTH 8" | 2 1 1 | | | |
| | Local made (Best quality) Mode: DDP Subject to Approval of Sample Warranty: 01-Year Warranty | | | | |
| 69. | <u>Diagnostic set</u> ENT diagnostic set Complete with box Auto scope & Ophthalmoscope LED based with individual dry battery handles Country of Origin: USA/EU/Japan Quality Certificate: FDA510K/CE MDD/ Jp MHLW Mode: DDP Warranty: 01-Year Warranty | | 04 | 84,000 | 336,000 |
| 70. | <u>Obstretic surgery set major</u> SPONGE HOLDING FORCEPS FORISTER TOWEL CLIPS 5" LAHEY'S FORCEPS 8" ARTERY FORCEPS CUR 6" ARTERY FORCEPS CUR 8" ALLISE TISSUE FORCEPS 7" KOCHER ARTERY FORCEPS CUR 7" DISSECTING FORCEPS PLAIN 7" DISSECTING FORCEPS TOOTH 7" NEEDLE HOLDER STR 8" INTESTINAL CLAMP CRUSHING CUR INTESTINAL CLAMP NON CRUSHING CUR DEAVER RETRACTOR SET OF 5PCS SELF RETAINING RETRACTOR/MOLLISON 8" SURGICAL SCISSOR CUR 7" SURGICAL SCISSOR STR 7" MAYO SCISSOR CUR 7" MAYO SCISSOR STR 7" B.P HANDLE # 4 SUCTION NOZAL YANKAR GUT HOLDING BEBCOCK R.A RETRACTOR MEDIUM TOUCH FORCEPS PLAIN 8" TOUCH FORCEPS TOOTH 8" | 2 6 2 12 6 6 4 2 2 2 2 2 1 1 2 1 1 1 1 1 1 1 1 2 1 | 02 | 100,000 | 200,000 |
| 71. | <u>Obstretic surgery set minor.</u> | | 01 | 75,000 | 75,000 |

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| | SPONGE HOLDING FORCEPS FORISTER TOWEL CLIPS 5" LAHEY'S FORCEPS 8" ARTERY FORCEPS CUR 6" ARTERY FORCEPS CUR 8" ALLISE TISSUE FORCEPS 7" KOCHER ARTERY FORCEPS CUR 7" DISSECTING FORCEPS PLAIN 7" DISSECTING FORCEPS TOOTH 7" NEEDLE HOLDER STR 8" INTESTINAL CLAMP CRUSHING CUR INTESTINAL CLAMP NON CRUSHING CUR DEAYER RETRACTOR SET OF 5PCS SELF RETAINING RETRACTOR/MOLLISON 8" SURGICAL SCISSOR CUR 7" SURGICAL SCISSOR STR 7" MAYO SCISSOR CUR 7" MAYO SCISSOR STR 7" B.P HANDLE # 4 SUCTION NOZAL YANKAR GUT HOLDING BEBCK R.A RETRACTOR MEDIUM TOUCH FORCEPS PLAIN 8" TOUCH FORCEPS TOOTH 8" Local made (Best quality) Mode: DDP Subject to Approval of Sample Warranty: 01-Year Warranty | 2 3 2 6 3 3 2 2 2 2 2 1 1 2 1 1 1 1 1 1 1 1 2 1 | | | |
| 72. | <u>Mortuary Instruments Set</u> Scalpel metal handle Cartilage knife with wooden handle Scissors with head, 145 mm Bowel scissor, 210 mm Dissecting forceps, 160 mm Chirurgical forceps, 145 mm Chirurgical forceps, 250 mm Rachiotome , 160 mm Blow pipes, 250 mm Post Mortem needles Metal rulers 300 mm and 1.5 m Bone shears, 230 mm Lexer Chisels , 230 mm Metal mallet Rachiotome 200 mm Local made (Best quality) Mode: DDP Subject to Approval of Sample Warranty: 01-Year Warranty | | 04 | 100,000 | 400,000 |
| 73. | <u>ENT General Surgery Set</u> BOLYS DEVIS MOUTH GAUGE WITH PLATE | 1 | 01 | 90,000 | 90,000 |

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| | <p>SUSPENSION ROD PAIR WITH PLATE TONSIL DISSECTOR TONSIL ELEVATOR MARYNGOTOM TILLY FORCEPS TONSIL SNARE NASAL SNARE MOSTIOD RETRACTOR NASAL GOUGE OSTIOTOM CHISEL BONE NIBLER DOUBLE ACTION BONE NIBLER SINGLE ACTION JANSENMIDDLETON FORCEPS TURBINECTOMY SCISSOR WOUGH DISECTING FORCEPS PLAIN-TOOTH KILLIAN NASAL SPECULUM FIG 1 - 2 - 3 - 4 LUC FORCEPS TONSIL HOLDING FORCEPS TONSIL SCISSOR CUR. 8" NEGUS FORCEPS ADENOID CURETTE WITH GUARD ADENOID CURETTE WITH OUT GUARD SUCTION NOZAL</p> <p>Local made (Best quality) Mode: DDP Subject to Approval of Sample Warranty: 01-Year Warranty</p> | <p>1 3 2 2 2 1 1 2 2 2 2 2 2 1 1 2 4 2 1 2 2 2 2</p> | | | |
| 74. | <p><u>I.V. Cut Down Set</u> MOSQUITO ARTERY FORCEPS CURVED 5" MOSQUITO ARTERY FORCEPS STRAIGHT 5" NEEDLE HOLDER 6" LANGENBACK RETRACTOR SMALL SKIN RETRACTOR SENN MUELLER SURGICAL SCISSORS 7" FINE SCISSORS 6" NURSING SCISSOR 6" B.P. HANDLE NO. 3 B.P. HANDLE NO. 4 TOWEL CLIPS KIDNEY TRAY 10" BOWL S.S. 4"</p> <p>Local made (Best quality) Mode: DDP Subject to Approval of Sample Warranty: 01-Year Warranty</p> | <p>4 4 1 2 2 1 1 1 1 1 4 1 1</p> | 02 | 12,000 | 24,000 |

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| HOOK RETRACTOR SHARP PR. 3, 16CM | 1 | | |
| HOOK RETRACTOR SHARP PR. 4, 16CM | 1 | | |
| LANE BONE HOLDING FORCEPS 330MM | 2 | | |
| LANGENBACK RETRACTOR SMALL | 2 | | |
| LANGENBACK RETRACTOR MEDIUM | 2 | | |
| LANGENBACK RETRACTOR LARGE | 2 | | |
| MCDONALDS ELEVATOR | 1 | | |
| SUTURE PASSER | 1 | | |
| TENDON STRIPPER 300MM | 1 | | |
| HOHMANN RETRACTOR POINTED SMALL | 1 | | |
| HOHMANN RETRACTOR POINTED MEDIUM | 1 | | |
| HOHMANN RETRACTOR POINTED LARGE | 1 | | |
| HOHMANN RETRACTOR BLUNTED LARGE 43MM | 1 | | |
| HEY GROVE BONE HOLDING FORCEPS LARGE | 2 | | |
| HEY GROVE BONE HOLDING FORCEPS MEDIUM | 2 | | |
| HEY GROVE BONE HOLDING FORCEPS SMALL | 2 | | |
| POINTED REDUCTION FORCEPS SMALL | 2 | | |
| POINTED REDUCTION FORCEPS LARGE | 2 | | |
| REDUCTION FORCEPS FOR SMALL FRAGMENT WITH RACHET 130MM | 2 | | |
| REDUCTION FORCEPS FOR SMALL FRAGMENT WITH TOOTH 140MM | 2 | | |
| REDUCTION FORCEPS FOR LARGE FRAGMENT WITH POINT 160MM | 2 | | |
| REDUCTION FORCEPS FOR LARGE FRAGMENT WITH TOOTH 170MM | 2 | | |
| REDUCTION FORCEPS FOR LARGE FRAGMENT MEDIUM 200MM | 2 | | |
| REDUCTION FORCEPS FOR LARGE FRAGMENT LARGE 240MM | 2 | | |
| VOLKMANN DOUBLE ENDED CURRETTE 170MM | 2 | | |
| BONE CUTTER DOUBLE ACTION SMALL | 1 | | |
| 4BONE CUTTER DOUBLE ACTION MEDIUM | 1 | | |
| BONE CUTTER DOUBLE ACTION LARGE | 1 | | |
| RASP | 1 | | |
| COCK SCREW EXTRACTOR | 1 | | |
| SELF RETAINING RETRACTOR SMALL CHARLEY 6 1/4" | 2 | | |
| SELF RETAINING RETRACTOR MEDIUM CHARLEY | 2 | | |
| SELF RETAINING RETRACTOR LARGE CHARLEY | 2 | | |
| GAUGE STRAIGHT SMALL | 1 | | |
| GAUGE STRAIGHT MEDIUM | 1 | | |
| GAUGE STRAIGHT LARGE | 1 | | |
| GAUGE CURVED SMALL | 1 | | |
| GAUGE CURVED MEDIUM | 1 | | |
| GAUGE CURVED LARGE | 1 | | |
| BONE NIBBLE DOUBLE ACTION STRAIGHT 6" | 1 | | |
| BONE NIBBLE DOUBLE ACTION STRAIGHT 7" | 1 | | |
| BONE NIBBLE DOUBLE ACTION STRAIGHT 9" | 1 | | |
| OSTEOTOME STRAIGHT SMALL 10MM | 1 | | |
| OSTEOTOME STRAIGHT MEDIUM 20MM | 1 | | |
| OSTEOTOME CURVED SMALL 10MM | 1 | | |
| OSTEOTOME CURVED MEDIUM 20MM | 1 | | |
| HAMMER 400gm | 1 | | |
| HAMMER 38 Oz | 1 | | |
| SUCTION CANNULA 4-8MM DIA FRAZIER | 2 | | |

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| | <p>PERIOTEAL ELEV ATOR SMALL 2-4-5MM, 6MM WIDE 2 PERIOTEAL ELEV ATOR MEDIUM 2-4-5MM, 1 IMM WIDE 2 PERIOTEAL ELEV ATOR MEDIUM 2-4-5MM, 12MM WIDE 2 PERIOTEAL ELEVATOR LARGE 2-4-5MM, 13MM WIDE 2 CUSHING NERVE HOOK 190MM 2 BONE FILE SINGLE ENDED 1 WIRE SAW GIGLI 2 WIRE CUTTER FOR 2-3MM RODS 47CM TC 1 LOWMANN BONE CLAMPS SINGLE OR DOUBLE JAW 1 BRISTOW RETRACTOR 1 CHANLEY'S HIP RETRACTOR 1 UNIVERSAL CHUCK WITH T HANDLE 1 HAND SAW MEDIUM ANGEL 1</p> <p>Local made (Best quality) Mode: DDP Subject to Approval of Sample Warranty: 01-Year Warranty</p> | | | |
| 77. | <p><u>ORTHOPEDIC DRILL / SAW (ELECTRIC)</u> Corded electric hand piece with quick release drill attachments Instrument forward reverse and oscillating mode Hand piece and all attachment should be Autoclaveable Control method: triggered Speed: 0-1100rpm or better Cannulation: 4.1mm Saw type reciprocating Speed :0-8000 cycle/min or better Quick change attachments locking mechanism sagittal saw attachment, Burrs/Blades, Oscillating saw with separate Hand Piece, Wire and pin drive attachments. K-wire driver, Reamer attachment and Drill Bit attachment.</p> <p>Accessories: Sterilization Container</p> <p>Minor variation in standard sizes is acceptable.</p> <p>Country of Manufacturer: USA/EU/Japan Quality Certificate: FDA 510K for USA/ CE MDD/MDR for European (NANDO notified bodies)/ Jp MHLW for Japanese manufacturers Manufacturing Standard: Must conform to the requirements of ISO 13485 Mode: DDP Warranty: 02-Years Warranty with parts</p> | 02 | 9,000,000 | 18,000,000 |
| 78. | <p><u>ORTHOPEDIC DRILL / SAW</u> Complete Pneumatic Drill System Drill hand piece for drilling driven by compressed dry Nitrogen 99.95% pure. Operating pressure: 100-110 psi Operating Speed: Min 900 RPM or better Fully Autoclave able up to 3 bar Pressure (134°C) Hand piece with Variable Speed Trigger One hand operation</p> | 01 | 5,000,000 | 5,000,000 |

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| | <p>“Forward / Reverse control” right on instrument base</p> <p>ATTACHMENTS: Pneumatic Hose (5 meters) Jacobs Chuck with key and Keyless Jacobs Chuck Nitrogen Regulator Coupling connecting system High Torque Reaming Coupler Automatic wire driver for wires from 0.7 mm to 1.6 mm. Automatic pin driver for wires from 1.7 mm to 3.2 mm. Standard Twist Drill 1.6 x 127mm Standard Twist Drill 2.0 x 127mm Standard Twist Drill 2.4 x 127 mm Standard Twist Drill 2.8 x 127 mm Standard Twist Drill 3.2 x 127 mm Standard Twist Drill 3.6 x 127 mm Sterilize able Hand Pieces Standard Sterilization Case 2xNitrogen Cylinders (Approx. 40L water capacity, BS colour coding) with pressure gauge and fittings. Complete system ready to use.</p> <p>Minor variation in standard sizes is acceptable.</p> <p>Optional; Sagittal Saw Attachment Reciprocating Saw Attachment</p> <p>Country of Manufacturer: USA/Europe/Japan Quality Certificate: FDA 510K for USA/ CE MDD/MDR for European (NANDO notified bodies)/ Jp MHLW for Japanese manufacturers Manufacturing Standard: Must conform to the requirements of ISO 13485 Mode: DDP Warranty: 02-Years Warranty with parts</p> | | | |
| 79. | <p><u>POP CUTTER</u></p> <p>The micro filter retains 99.997% of all dust Particles High oscillating speed 16000 CPM or better Low oscillating speed 6500 CPM or better Sound level: 70 dB(A) or better Filtration 99.9%</p> <p>ACCESSORIES:</p> <ul style="list-style-type: none"> • Saw blade 65mm approx. • Saw blade 50mm approx. <p>OPTIONAL:</p> <ul style="list-style-type: none"> • Vacuum Dust bags for waste collection. <p>Country of Manufacturer: USA/EU/Japan Quality Certificate: FDA510K/CE MDD/ Jp MHLW Mode: DDP Warranty: 02-Years Warranty</p> | 05 | 1,000,000 | 5,000,000 |

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| <p>80.</p> | <p><u>AUTOCLAVE LARGE</u></p> <p>Horizontal Steam Sterilizer. One door Built-in Electric Steam Generator Stainless Steel Chamber of 316L Water Tank Sensor for water quality checking Temperature Range 121 °C & 134 °C Digital touch screen display min 4” for pressure, cycle, time etc. Fully automatic, programmable microprocessor type for types of hospital load. There should be Vacuum, Bowie Dick tests facility. Capacity 200L Approx, Horizontal type Stainless steel compatible trays for sterilization.</p> <p>Water Treatment: There will be a water treatment unit for sterilizer which must be regenerate regularly by the firm. Local with imported components.</p> <p>Washing Counter: 2-2.5 meters length, Local with imported guns (02)</p> <p>Ultrasonic Cleaner: Ultrasonic Cleaner/ washer approx. 25-30L capacity.</p> <p>Packing Table: Packing/ inspection table with illuminator. (Local/ Imported)</p> <p>Optional (quote separate price)Packing/ sealing machine Packing Paper, different sizes</p> <p>Country of Manufacturer: USA/EU/Japan Quality Certificate: FDA 510K for USA/ CE MDD/MDR for European (NANDO notified bodies)/ Jp MHLW for Japanese manufacturers Manufacturing Standard: Must conform to the requirements of ISO 13485 Mode: DDP Warranty: 02-Years warranty with parts</p> | <p>01</p> | <p>20,000,000</p> | <p>20,000,000</p> |
| <p>81.</p> | <p><u>AUTOCLAVE 20-25 LITERS</u></p> <p>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 121 °C &134 °C Digital display Fully automatic, programmable microprocessor type Capacity 20-25 liters 4-5 piece of stainless steel/Aluminum trays compatible with the steam sterilization. One piece of holder for unloading of trays.</p> <p>Country of Manufacturer: USA/EU/Japan Quality Certificate: FDA 510K for USA/ CE MDD/MDR for European (NANDO notified bodies)/ Jp MHLW for</p> | <p>14</p> | <p>1,300,000</p> | <p>18,200,000</p> |

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| | <p>Japanese manufacturers Manufacturing Standard: Must conform to the requirements of ISO 13485 Mode: DDP Warranty: 02-Years Warranty with parts</p> | | | |
| 82. | <p><u>DENTAL AUTOCLAVE</u> Portable Horizontal Steam Sterilizer; Class B (stand alone with internal tank), one manual door 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 121 °C&134 °C Digital display for pressure, cycle, time Fully automatic, programmable microprocessor type Capacity 20-25 liters 4-5 piece of stainless steel/Aluminum trays compatible with the steam sterilization. One piece of holder for unloading of trays. 220V, 50Hz</p> <p>Country of Manufacturer: USA/EU/Japan Quality Certificate: FDA 510K for USA/ CE MDD/MDR for European (NANDO notified bodies)/ JpMHLW for Japanese manufacturers Manufacturing Standard: Must conform to the requirements of ISO 13485 Mode: DDP Warranty: 02-Years Warranty with parts</p> | 05 | 1,300,000 | 6,500,000 |
| 83. | <p><u>BABY WARMER</u> Mobile Baby warming system with bassinet. Microprocessor controlled heating system. Fail safe system. Mobile with antistatic castor, 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 Quartz/ Ceramic Selection for operating modes: Skin and Manual Audio Visual Safety Alarms for power failure, over temperature Pivot arm technology for heating. Head can be moved in both directions allowing X- Ray procedure without moving the baby.</p> <p>Country of Manufacturer: USA/EU/Japan Quality Certificate: FDA 510K for USA/ CE MDD/MDR for European (NANDO notified bodies)/ JpMHLW for Japanese manufacturers Manufacturing Standard: Must conform to the requirements of ISO 13485 Mode: DDP Warranty: 02-Years Comprehensive Warranty</p> | 08 | 2,100,000 | 16,800,000 |

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| <p>84.</p> | <p>PHOTOTHERAPY MACHINE Overhead infant phototherapy unit; LED type Spectral irradiance: High Irradiance: Up to 40 μW/cm²/nm or more. Low Irradiance: As low as 20 μW/cm²/nm or below. Wavelength range between 430-490 nm LED lamps life: Min. 50,000 hours Height adjustment 1260 mm to 1550 mm from light (±5% tolerance for height adjustment) Lamp unit tilting position Effective surface area minimum 50 cm x 30 cm at minimum 35 cm, from the light source Maximum noise 40 dB or less Operating Voltage 220 V/ 50 Hz Hour Meter for standard and intensive modes.</p> <p>ACCESSORIES: Eye protector pads</p> <p>Country of Manufacturer: USA/EU/Japan Quality Certificate: FDA 510K for USA/ CE MDD/MDR for European (NANDO notified bodies)/ Jp MHLW for Japanese manufacturers Manufacturing Standard: Must conform to the requirements of ISO 13485 Mode: DDP Warranty: 03-Years Comprehensive Warranty</p> | <p>05</p> | <p>2,000,000</p> | <p>10,000,000</p> |
| <p>85.</p> | <p>VACUUM EXTRACTOR Oil free and noise free, vibration free suction unit Noise level 50dB or less Aspiration rate of 25-30 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 (polysulfide).10X bacterial filter</p> <p>Vacuum 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/Europe/Japan Quality Certificate: FDA 510K for USA/ CE MDD/MDR for European (NANDO notified bodies)/ Jp MHLW for Japanese manufacturers Manufacturing Standard: Must conform to the requirements of ISO 13485 Mode: DDP Warranty: 02-Years Warranty with parts</p> | <p>03</p> | <p>500,000</p> | <p>1,500,000</p> |

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| 86. | <p><u>MOBILE OPERATION LIGHT</u> Mobile emergency shadow less operation light with hermetically dust proof lamp head. LED lamps with 50,000hrs life. Minimum light output 160,000 lux or more at 1 meter Color rendering index, 95 (at least). Color temperature min. 4300-4500 Kelvin. Field of illumination focusable: 15-20 cm. Complete with Two sterilize able handles Maintenance free battery with charger. Automatic change over to battery in case of mains failure and back again. At-least 2-hours battery backup time. 220 V / 50 Hz single phase and battery operation.</p> <p>Country of Manufacturer: USA/EU/Japan Quality Certificate: FDA510K/CE MDD/ Jp MHLW Mode: DDP Warranty: 02-Years warranty with parts</p> | 02 | 900,000 | 1,800,000 |
| 87. | <p><u>DEFIBRILLATOR</u> Biphasic transthoracic (external) defibrillator with LCD color display, Synchronized output with ECG. Energy selection on control panel 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. Coloured 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 Set of pediatric paddles AC 220V / 50Hz operated. Trolley (Local) with two shelves having antistatic lockable wheels.</p> <p>Optional: System should have pacing facility</p> <p>Country of Manufacturer: USA/Europe/Japan Quality Certificate: FDA 510K for USA/ CE MDD/MDR for European (NANDO notified bodies)/ JpMHLW for Japanese manufacturers Manufacturing Standard: Must conform to the requirements of ISO 13485 Mode: DDP Warranty: 02-Years Warranty with parts</p> | 01 | 1,500,000 | 1,500,000 |

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| <p>88.</p> | <p><u>CTG MACHINE</u></p> <p>Single and Twin UltrasoundLCD Color Display Fetal monitor for Antepartum monitoring Ultrasound and transducer with marker and recorder for FHR Twins Detector Capability, Fetal ECG capability, Alarms: Low; Bradycardia, High; Tachycardia, Strip chart recorder/ printer Paper size: 120 mm or more Paper Speed: 1,2,3 cm/sec Complete with belt, abdominal fixer / fastener of transducer Paper easily available with the market Trolley, Local made Power: 220V/50Hz AC</p> <p>Country of Manufacturer: USA/Europe/Japan Quality Certificate: FDA 510K for USA/ CE MDD/MDR for European (NANDO notified bodies)/ JpMHLW for Japanese manufacturers Manufacturing Standard: Must conform to the requirements of ISO 13485 Mode: DDP Warranty: 02-Years Warranty with parts</p> | <p>01</p> | <p>1,300,000</p> | <p>1,300,000</p> |
| <p>89.</p> | <p><u>ANESTHESIA MACHINE WITH VENTILATOR</u></p> <p>Comprehensive latest anesthesia machine for pediatric and adults applications to administer anesthetic agents in precise control and flow manner. Mobile 3-gases O₂/N₂O/AIR. It must comprise of the following components:</p> <ul style="list-style-type: none"> - Non-interchangeable pipeline inlets - Pipeline & cylinder gauges for O₂, N₂O and AIR - Central gas/ electronically driven unit. - The machine will be run on the central medical gases and require the hose for connection. - A 10mtr hose pair both for Oxygen and Nitrous Oxide will be the part of the machine. - For emergency, Pin indexed cylinder yokes for Oxygen (One) & N₂O (One) will be installed in the machine. - Cylinders will be provided (2xO₂ and 2xN₂O: Pin Indexed BS standard) - Gas outlet and O₂ flush control - One auxiliary O₂ outlet - Lockable castors (front) - Impact resistant & easy to clean frame - Stainless steel/fiber work surface - Absorber bag support arm - Three gas flow meters for precise control and monitoring of gases. - Pre calibrated Vaporizer of Isoflurane; temperature and flow compensated. - Drawer unit not less than 6" high approx. - Power outlet with 4 socket outlets to connect the auxiliary equipment. - CO₂ absorber. | <p>04</p> | <p>8,500,000</p> | <p>34,000,000</p> |

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| | <ul style="list-style-type: none"> - Complete with valve for bag/ventilator, manometer, breathing bags, breathing tube, mounts and Y-piece. Additional breathing hose and connector. - Scavenging system passive type - Machine should be capable of holding two vaporizers at least <p>ANESTHESA VENTILATOR: Anesthesia Ventilator with minimum 10” or more color LCD/TFT Screen. The ventilator shall also be capable of ventilating pediatric patients. The ventilator shall have following features as a minimum requirement:</p> <ul style="list-style-type: none"> - Volume Preset Time Cycled Ventilator (IPPV Mode) - Pressure Controlled and pressure support Modes - Breathing Mode Selection (Standby / Volume / Spontaneous and Pressure) - Built in Oxygen Monitor - Inverse I:E ratio Capability - Gas Specific Input Connectors (Air or Oxygen ISO or ANSI Standards) - Tidal Volume from 20ml to 1400ml - Rate or Frequency 4 to 60 bpm or better - PEEP - Inspiratory Pressure Limit - Pressure and Volume Curves - Power Supply 220 VAC, 50 Hz - Battery Backup (30 Minutes or more) - Low / High FiO2 Alarm - Incorrect Rate or Ratio alarm - Mains Failure alarm - Low battery alarm. <p>The ventilator shall be supplied with complete drive hose and power cable.</p> <ul style="list-style-type: none"> - 220V, 50 Hz operated. <p>Note: Annual maintenance kits (needs to replace annually) will be included in the warranty period as per manufacturer’s guidelines. The warranty of equipment will be including batteries, oxygen sensor and flow sensor. It will be delivered with all sensors, cables required for measurement of all mentioned parameters.</p> <p>Country of Manufacturer: USA/Europe/Japan Quality Certificate: FDA 510K for USA/ CE MDD/MDR for European (NANDO notified bodies)/ JpMHLW for Japanese manufacturers (Compliance of any two quality standards is mandatory) Manufacturing Standard: Must conform to the requirements of ISO 13485 Mode: DDP Warranty: 02-Years Warranty with parts</p> | | | |
| 90. | <p><u>CEILING OPERATING LIGHT</u> Operating Lamp for spring balanced ceiling suspension, consisting of a main lamp, head hermetically sealed and dust proof; supported by a standard arm.</p> | 01 | 1,200,000 | 1,200,000 |

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| | <p>Light intensity of light 160,000 Lux at 1-meter distance. Color rendering index 95 at least. Color Temperature 4300-4500 Kelvin. Field of illumination focusable between 15-25 cm. LED Lights with 30,000hr life. Light intensity/ brightness controller. Complete with transformer for 220V/50Hz AC. With Two sterilizable handles. Optional: Battery backup for 30 minutes</p> <p>Country of Manufacturer: USA/Europe/Japan Quality Certificate: FDA 510K for USA/ CE MDD/MDR for European (NANDO notified bodies)/ JpMHLW for Japanese manufacturers Manufacturing Standard: Must conform to the requirements of ISO 13485 Mode: DDP Warranty: 02-Years Warranty with parts</p> | | | |
| <p>91.</p> | <p><u>STATIC X-RAY MACHINE 500-MA</u> Microprocessor based Floor/Floor to Ceiling mounted X-Ray Unit. High frequency, 50kW X-Ray generator. 500 mA at 100 kV kV Upto 125 kV with range from 40 to 125 Anatomical programmed radiography. Digital display of all set parameters. Rotating anode X-Ray tube, with dual focus 0.6 & 1.2 mm. Anode heat storage capacity of at least 250 KHU or more / 150kHU with 30kHU dissipationElectronic timer with exposure time of 1msec. System with AEC facility. Ionization chamber for table. Capable of lateral radiography. 4-way floating X-Ray Table Chest stands with Bucky. Complete with grid 8:1 ratio. Automatic over-load protection device and automatic line compensation. 3-phase, 380 V, 50 Hz. Lead Apron (0.5mm lead eq) with hanger. X-Ray Cassettes with intensifying screen8"x10" (01), 10"x12" (05), 14"x17" (02)</p> <p>Electrical Distribution Box separate for X-Ray within X-Ray facility for X-Ray machine</p> <p>Optional: Lead Lining , (Bidder shall quote price separately) The firm shall be responsible for Lead Lining in the X-Ray Room (approximate size 20x20 ft) andcoordinate with the PNRA for getting required certification/ approval.</p> <p>Country of Manufacturer: USA/Europe/Japan Quality Certificate: FDA 510K for USA/ CE MDD/MDR for European (NANDO notified bodies)/ JpMHLW for Japanese manufacturers (Compliance of any two quality standards is</p> | <p>03</p> | <p>21,000,000</p> | <p>63,000,000</p> |

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| | <p>mandatory) Manufacturing Standard: Must conform to the requirements of ISO 13485 Mode: DDP Warranty: 02-Years Warranty with parts</p> | | | |
| 92. | <p><u>X-RAY FILM PROCESSOR</u> High throughput. Continuous roller transport Sheet film, 10x10cm-35x43cm sizes (14"x17") High through put more than 75 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/Europe/Japan Quality Certificate: FDA 510K for USA/ CE MDD/MDR for European (NANDO notified bodies)/ JpMHLW for Japanese manufacturers Manufacturing Standard: Must conform to the requirements of ISO 13485 Mode: DDP Warranty: 02-Years Warranty with parts</p> | 01 | 2,500,000 | 2,500,000 |
| 93. | <p><u>HEMATOLOGY ANALYZER</u> Hematology counter, automated Through put 60 samples / hour minimum. 3-Part differential with minimum 18 parameters Histograms for WBC, RBC and Platelet. Large LCD display. Auto calibration program. Auto probe cleaning/ wiping. Automated start up and shut down. Patient data entry and specimen recognition by keyboard/LCD Touch Screen. Patient data and results storage for 200 patients or more. RS232/ USB interface with printer Consumables, reagents, calibrators, controls for startup. Suitable online Sine wave UPS with Battery backup for 30 minutes 220V, 50 Hz operated. The kits should be freely available in the market</p> <p>Country of Manufacturer: USA/Europe/Japan Quality Certificate: FDA 510K for USA/ CE MDD/MDR for European (NANDO notified bodies)/ Jp MHLW for Japanese manufacturers Manufacturing Standard: Must conform to the requirements of ISO 13485 Mode: DDP Warranty: 02-Years Warranty with parts</p> | 01 | 1,200,000 | 1,200,000 |

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| 94. | <p><u>LAB INCUBATOR</u> Microprocessor based PID control Inner stainless steel and outer powder coated Stainless steel chamber with adjustable shelves At least two shelves made of stainless steel with adjustable height positions The outer cabinet is to be rust resistant. Chamber Capacity: 50-60 Liters or more Adjustable temperatures upto 60°C 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 Quality Certificate: FDA510K/CE MDD/ Jp MHLW Mode: DDP Warranty: 02-Years warranty with parts</p> | 02 | 700,000 | 1,400,000 |
| 95. | <p><u>STERLIZING DRUM STAND DOUBLE (SIZE 15 X 15)</u> Steel & steel made (Non-Magnet)</p> <p>Local Made Mode: DDP Subject to Approval of Sample Warranty: 02-Years Warranty</p> | 04 | 45,000 | 180,000 |
| 96. | <p><u>DENTAL CHAIR</u> 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 multi-functional 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: 1 three-way syringe. 3 hand piece hoses for air turbine or air motor.</p> | 02 | 5,000,000 | 10,000,000 |

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| <p>1 air pressure gauge. 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(Piezo 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. Airventuri /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 angel is adjustable and lock able</p> <p>Water Treatment Unit Water treatment unit for supplying the treated water to the unit. Locally assembled withUSA/Europe/Japan Parts.</p> <p>Light Cure 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>Cautery Unit Dental Cautery machine</p> <p>DENTAL INSTRUMENT SETS (05sets with each Unit) LOCAL, FDA Approved)Dental Forceps Kit (1x12) Teeth extraction forceps, upper anterior, straight, upper premolar, upper molar, (right and left), loweranterior, BD forceps, lower full molar forceps Bennet forceps, cross bar</p> | | | |
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| | <p>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 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 Note: The firm will be responsible for complete installation including minor civil works related to waterdraining system.</p> <p>Country of Manufacturer: USA/Europe/Japan Quality Certificate: FDA 510K for USA/ CE MDD/MDR for European (NANDO notified bodies)/ JpMHLW for Japanese manufacturers Manufacturing Standard: Must conform to the requirements of ISO 13485 Mode: DDP Warranty: 02-Years Warranty with parts</p> | | | |
| 97. | <p><u>HEAVY DUTY SUCTION MACHINE</u> 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 should be 50dB or less Vacuum continuously adjustable. 10x bacterial filter Complete aspiration set with tubing Overflow safety Device 220V/50Hz. I Phase Trolley with lockable wheels</p> <p>Country of Manufacturer: USA/Europe/Japan Quality Certificate: FDA 510K for USA/ CE MDD/MDR for European (NANDO notified bodies)/ JpMHLW for Japanese manufacturers Manufacturing Standard: Must conform to the requirements of ISO 13485 Mode: DDP Warranty: 02-Years Warranty with parts</p> | 02 | 550,000 | 1,100,000 |
| 98. | <p><u>OPERATION TABLE (ELECTRO HYDRAULIC)</u> Electrohydraulic/Electro Mechanical Weight bearing capacity of 250kg or more 5 Sectional operation Table with two leg section. Table top equipped with radiolucent material. The mattress covers with washable, antistatic material. X-ray Cassette holder for X-Ray</p> | 04 | 6,000,000 | 24,000,000 |

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| | <p>Electric Height adjustment: 730 to 1000 mm or more. Electric Trendelenburg and Reverse Trendelenburg: 25° degrees and -25° or better. Electric lateral tilt: 20° degrees and -20° degree or better. Electric backrest adjustment: 70° degrees and -15° degree or better. Manual leg section adjustment: 20° degrees and -90° or better. 220-230 V, 50 Hz. Hand control unit. Remote controlled as well as control in base of the table Battery backup control of table in case of main power failure.</p> <p>Accessories:</p> <ol style="list-style-type: none"> 1. Pair of Arm rest with clamp 2. Anesthesia screen 3. Large width body strap 4. Adjustable bottle holder rod 5. Shoulder support 6. Pair of Knee Crutches. 7. Lateral Support. <p>Optional (ACCESSORIES): End-user to specify. Kidney Elevator/Kidney bridge/Kidney position</p> <p>ORTHOPAEDIC ACCESSORIES: Stainless steel Leg traction device with boots for adult for both legs, straps etc. Accessory trolley. Upper limb traction device Nailing device for lower limbs Divided Leg Section</p> <p>OPHTHALMOLOGY/ENT ACCESSORIES Eye/ ENT head rest.</p> <p>UROLOGY / GYNECOLOGY ACCESSORIES Liquid Basin/Duesche Tray</p> <p>Country of Manufacturer: USA/Europe/Japan Quality Certificate: FDA 510K for USA/ CE MDD/MDR for European (NANDO notified bodies)/ JpMHLW for Japanese manufacturers Manufacturing Standard: Must conform to the requirements of ISO 13485 Mode: DDP Warranty: 02-Years Warranty with parts</p> | | | |
| 99. | <p><u>DELIVERY TABLE</u> Fully Non-Magnet Stainless Steel Construction argon welded non foldable sturdy, stable structure. Made of square tubular pipe 1 ½ inch (Appox). Table made in three sections, legs section detachable and adjustable backrest with comb mechanism and hand grips. Collapsible side rails. 2 X Geopal type lithotomy Poles cushioned with best quality rexene and foam. Table top cushioned with high quality and high density mattress cover with rexene. Thickness 3 inch (Approx). Rexene cover color should be black or gray. Sliding stainless steel receptacle bowl mounted under hip area, detachable I.V Pole.</p> | 01 | 80,000 | 80,000 |

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| | <p>Dimensions: 1700 X 500 X 800 mm (Approx). Double step stainless steel footstep antiskid.</p> <p>Local Made Mode: DDP Warranty: 02-Years Warranty with parts</p> | | | |
| 100. | <p><u>LENSOMETER</u> Type: Auto Display on LCD. Vertex power range: 0 to ±25D. Steps: 0.25D. Cylinder axis: 0 to 180° Prismatic power range: 9 prism D or better. Electricity: 220V, 50Hz AC, or battery operated. Built in printer. Optical marker.</p> <p>Country of Manufacturer: USA/EU/Japan Quality Certificate: FDA510K/CE MDD/ Jp MHLW Mode: DDP Warranty: 02-Years Warranty</p> | 01 | 500,000 | 500,000 |
| 101. | <p><u>TONOMETER</u> Hanging Type/ Goldman With one extra prism, with calibration kit</p> <p>Country of Manufacturer: USA/EU/Japan Quality Certificate: FDA510K/CE MDD/ Jp MHLW Mode: DDP Warranty: 02- Years Warranty</p> | 01 | 600,000 | 600,000 |
| 102. | <p><u>BABY INCUBATOR</u> Intensive care incubator microprocessor controlled with digital display of set /measured temperature, humidity. Incubator hood double/triple wall, doors at front and back. Bed surface (600 x 350 mm) (approx.) with mattress tilt able head and foot end. Integrated X-Ray tray to accommodate X-Ray cassettes from outside without moving the baby. 4 x elbow hand ports. Noise level inside the hood 45 - 50 dBA. X-Ray compatible hood/mattress with tray Display of Oxygen Concentration in the incubator. Temperature Regulation: Air Temperature setting range: 25-37/ 37°-39°C Skin temperature setting range: 34-37/ 37°-38°C Display resolution: 0.1°C Humidity Regulation: Water Reservoir Capacity: 1000 ml Setting/display Range: (35 - 90%) Alarm Safety Signals: Visual and audible battery buffered/ powered alarms for,</p> | 01 | 2,500,000 | 2,500,000 |

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| | <p>skin and air control temperature deviations,over temperature skin / over temperature air control, Humidity Control, Fan failure, Base with drawer's unit, lockable antistatic Casters.</p> <p>Standard Accessories: Air sensor, skin sensors, humidity sensor, IV Pole, replaceable bacterial filter, Rails at head and footend. Mattress with cover. Oxygen Hood</p> <p>Country of Manufacturer: USA/Europe/Japan Quality Certificate: FDA 510K for USA/ CE MDD/MDR for European (NANDO notified bodies)/ JpMHLW for Japanese manufacturers Manufacturing Standard: Must conform to the requirements of ISO 13485 Mode: DDP Warranty: 02- Years Warranty</p> | | | |
| 103. | <p><u>AMBU BAGS (ADULT)</u> Resuscitation bag for adult with masks Autoclavable 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: 02-Years warranty</p> | 04 | 25,000 | 100,000 |
| 104. | <p><u>AMBU BAGS (PEADS)</u> Resuscitation bag for peads with masks Autoclavable silicon resuscitator for peads consisting of 600 - 700 ml Bag with Mask (peads) Reservoir bags of 1 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: 02-Years warranty</p> | 04 | 25,000 | 100,000 |
| 105. | <p><u>LARYNGOSCOPE ADULT</u> Macintosh type. Blade set of 4. Blade Sizes 1, 2, 3, 4. High quality SS Blades. Dry Battery handle. Blades of high quality stainless steel with integral light carrier/fiber optic light carrier. Xenon/LED illumination of light source. Complete with 5x batteries and carrying case.</p> <p>Country of Manufacturer: USA/EU/Japan Quality Certificate: FDA510K/CE MDD/ Jp MHLW</p> | 01 | 60,500 | 60,500 |

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| | Mode: DDP Warranty: 02-Years Warranty | | | |
| 106. | <u>LARYNGOSCOPE PEDIATRIC</u> Straight type. Blade set of 4. Blade Sizes 00,0,1, 2. 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 5x batteries and carrying case. Country of Manufacturer: USA/EU/Japan Quality Certificate: FDA510K/CE MDD/ Jp MHLW Mode: DDP Warranty: 02-Years Warranty | 01 | 60,500 | 60,500 |
| 107. | <u>X-RAY ILLUMINATOR DOUBLE WALL TYPE</u> Ultra-Thin X-Ray Film illuminator using LED Lamps, wall mounted. For two Films of 14"x17" size. Thickness: 30 mm or less. LED Lamps life: More than 30,000-40,000 hours. Easy insertion & removal of the film X-Ray film Holder: Rust-free steel clapper (rolling pin) Homogeneous illumination, flicker free. Illuminance: 3,500-4,500 cd/m2. On-Off button & separate Brightness control. Film sensor to turn-off at some interval after film removal. 220V, 50Hz Country of Manufacturer: USA/EU/Japan Quality Certificate: FDA510K/CE MDD/ Jp MHLW Mode: DDP Warranty: 02-Years Warranty with Parts | 07 | 50,000 | 350,000 |
| 108. | <u>BP APPARATUS-DESK TYPE</u> Aneroid type. Tube with 3 mm silicone. Rubber inflation bulb fitted with filter to reduce dust build up. Air release valve with filter for precise deflation control. High visibility Large Scale 6" graduations on aneroid scale. Rubber bulbs. Velcro cuff with marking for Adults/ Peads. Should be original and of High quality. Complete in all standard accessories Country of Manufacturer: USA/EU/Japan Quality Certificate: FDA510K/CE MDD/ Jp MHLW Mode: DDP Subject to Approval of Sample Warranty: 02-Years warranty | 10 | 25,000 | 250,000 |

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| 109. | <p><u>DESK TOP COMPUTER (CORE I7) WITH UPS BACKUP</u> Processor: Intel Core i7-6700 with Intel HD Graphics 530 (3.4 GHz, up to 4GHz with Intel Turbo Boost, 8 MB cache, 4 cores) Memory: 04-GB DDR4 2400 RAM Hard Disk: 01-TB 7200RPM SATA-6G 3.5in Optical Drive(s): 9.5mm DVD-Writer 8/6G3SFF 4G4MT/SFF Floppy Drive: N/A ; Digital Media Card Reader: N/A Audio: Integrated Realtek ALC221 High Definition audio codec VGA Card Standard: Integrated Intel HD Graphics Keyboard: USB Std Keyboard; Mouse: USB 2-button Optical Scroll Mouse Display: 18.5" LED UPS: 650VA UPS Operating System: preinstalled Windows 10 (Professional) and Microsoft Office (Standard).</p> <p><u>LASER PRINTER</u> ISO/Best Quality: Minimum 20 ppm; First Page Out: As fast as 5.to 8 sec from Ready Mode; Processor: Minimum 600 MHz; Duty Cycle, Monthly: Up to 10,000 pages; Recommended Monthly Volume: 100 to 2,000 pages; Connectivity, Std: USB 2.0, Host USB, wireless Connectivity, Mobile Printing Capability: HP ePrint, Apple AirPrint, Morpria-certified, Google Cloud Print 2.0, Mobile Apps; Memory, Std: 128 MB; Memory, Max: 128 MB.</p> <p>(Firm must quote separate price of Desktop computer (CORE i7) with UPS Backup and Laser printer)</p> <p>Mode: DDP Warranty: Comprehensive 01 Year</p> | 02 | 250,000 | 500,000 |
| 110. | <p><u>LAPTOPS (CORE I7)</u> Core i7-7500U - 2.7GHz turbo up to 3.5GHz, 8GB DDR3 or higher, 1TB, DVD/RW, 15", 8th or Latest Generation, Ethernet (10/100/1000); WEBCAM HD, with preinstalled Windows 10 (Professional) and Microsoft Office 2016 (Professional, Standard).</p> <p>Accessories: Standard and Durable Laptop Bag (Please quote price of Lap Top Bag separately)</p> <p>Mode: DDP Warranty: Comprehensive 01 Year</p> | 01 | 350,000 | 350,000 |
| 111. | <p><u>MULTIMEDIA PROJECTOR & SCREEN</u> 4000 or higher Lumens, Res: Native/ True WXGA, XGA, 500:1 Contrast Ratio Screen Image, 16:10 wide true (HD & SD), Auto Key stone correction, RGB output, SD card reader port, RJ-45 Port (Network), Wi-Fi, PJ control, Lamp Counter, Web Browser, Digital Zoom, etc. Real time transmission pixels, 16.7M colors, Min 2000 hours or higher Lamp life, Dual RGB, S-Video, Video, PC Audio ports, other standard features and fitting, Projector Screen: White Multimedia Automatic Projection Screen 8X10 along with</p> | 01 | 350,000 | 350,000 |

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| | fitting and 20 meter HDMI compatible cable. Mode: DDP Warranty: Comprehensive 01 Year | | | |
| 112. | <p><u>DIESEL GENERATOR 200-KVA</u></p> <p>Capacity Prime Rating</p> <ul style="list-style-type: none"> • 200 KVA <p>Generator Type</p> <ul style="list-style-type: none"> • Heavy Duty Fabricated steel skid type based frame with anti-vibration mounting / isolator • Skid mounted radiator engine driven bowler type fan and protecting guards • Diesel day fuel tank for minimum of 8 hours of continuous runs • Earthing and neutral and connection up to first level <p>ENGINE</p> <ul style="list-style-type: none"> • Standby power 220 KVA • Prime power 200 KVA • Four stroke diesel engine • Water cooled • Direct coupled with alternative • Self ventilated / regulator <p>ALTERNATOR</p> <ul style="list-style-type: none"> • Brush less • Self excited • Automatic voltage regulated • Automatic frequency regulated • 230/400 volts 3 face, 4 wire, 50 Hz (normal frequency) • F/H type insulated <p>Speed</p> <ul style="list-style-type: none"> • 1500 RPM <p>No. of cylinder</p> <ul style="list-style-type: none"> • In line six <p>Aspiration</p> <ul style="list-style-type: none"> • Turbo charged <p>Ambient temperature</p> <ul style="list-style-type: none"> • 50°C <p>Cooling system</p> <ul style="list-style-type: none"> • Water cooled • Tropical radiator with water level switch / indicator <p>Exhausts system</p> <ul style="list-style-type: none"> • Heavy duty residential grade silencer with a flexible exhaust pipe <p>Governor</p> <ul style="list-style-type: none"> • Electrical <p>Protections</p> <ul style="list-style-type: none"> • Overload shut down • Short circuit shut down • Low oil pressure shut down • High water temperature shut down • Under speed shut down • Under voltage shut down | 01 | 19,000,000 | 19,000,000 |

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| <ul style="list-style-type: none"> • Over winding temperature shut down • Over voltage monitoring and tripping shut down • Low voltage monitoring and tripping shut down • Phase sequence monitoring and tripping • Phase failure monitoring and tripping Monitoring / control panel • Automatic alarm monitor • Under / over voltage • Emergency stop • Low oil pressure • High coolant temperature • Failed to start • Low / high battery voltage meter Metering • Volt meter • Frequency meter • Ampere meter • Hour meter Batteries • Maintenance free • Heavy duty lead acid batteries • Batteries rack and cable/Leads • Auto battery charger when generator is operational • Auto battery charger when generator is non-operational Standard accessories • Sound & Weather Proof, Canopy (Local/Imported)-01 No. • ATSPanel-01 No. • RCC Foundation Pad (if required)-01 No. • Earthing (if required)-01 Job • Power Cable 150mm², 4-core or better-01 X 1M • Control Cable 2.5mm², 4-core or better-01 X 1M • Trench size:(if required)-01X1M • Lying of PVC Pipe size:(if required)-1X 10M • Transportation, loading and un-loading charges-01 Job • Installation, testing, and commissioning charges-01 Job • Standard tool kit • One set of air fuel and lubricant, filters • Technical Manual (Two sets) • Bidder must quote prices of all items in PKR (DDP Basis), mentioning per meter prices, or per job prices, where applicable, along with price of main Unit along with comprehensive warranty of Two years warranty with parts. <p>Country of Manufacturer: USA/EU/Japan Mode: DDP Warranty: 02-years warranty with parts</p> | | | |
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| 113. | <p>Diesel Generator 100-KVA</p> <p>Capacity Prime Rating</p> <ul style="list-style-type: none"> • 100 KVA <p>Generator Type</p> <ul style="list-style-type: none"> • Heavy Duty Fabricated steel skid type based frame with anti-vibration mounting / isolator • Skid mounted radiator engine driven bowler type fan and protecting guards • Diesel day fuel tank for minimum of 8 hours of continuous runs • Earthing and neutral and connection up to first level <p>ENGINE</p> <ul style="list-style-type: none"> • Standby power 110 KVA • Prime power 100 KVA • Four stroke diesel engine • Water cooled • Direct coupled with alternative • Self ventilated / regulator <p>ALTERNATOR</p> <ul style="list-style-type: none"> • Brush less • Self excited • Automatic voltage regulated • Automatic frequency regulated • 230/400 volts 3 phase, 4 wire, 50 Hz (normal frequency) • F/H type insulated <p>Speed</p> <ul style="list-style-type: none"> • 1500 RPM <p>No. of cylinder</p> <ul style="list-style-type: none"> • In line 4 to 6 <p>Aspiration</p> <ul style="list-style-type: none"> • Turbo charged <p>Ambient temperature</p> <ul style="list-style-type: none"> • 50°C <p>Cooling system</p> <ul style="list-style-type: none"> • Water cooled • Tropical radiator with water level switch / indicator <p>Exhausts system</p> <ul style="list-style-type: none"> • Heavy duty residential grade silencer with a flexible exhaust pipe <p>Governor</p> <ul style="list-style-type: none"> • Electrical <p>Protections</p> <ul style="list-style-type: none"> • Overload shut down • Short circuit shut down • Low oil pressure shut down • High water temperature shut down • Under speed shut down • Under voltage shut down • Over winding temperature shut down • Over voltage monitoring and tripping shut down • Low voltage monitoring and tripping shut down • Phase sequence monitoring and tripping • Phase failure monitoring and tripping | 02 | 15,000,000 | 30,000,000 |
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| | <p>Monitoring / control panel</p> <ul style="list-style-type: none"> • Automatic alarm monitor • Under / over voltage • Emergency stop • Low oil pressure • High coolant temperature • Failed to start • Low / high battery voltage meter <p>Metering</p> <ul style="list-style-type: none"> • Volt meter • Frequency meter • Ampere meter • Hour meter <p>Batteries</p> <ul style="list-style-type: none"> • Maintenance free • Heavy duty lead acid batteries • Batteries rack and cable/Leads • Auto battery charger when generator is operational • Auto battery charger when generator is non-operational <p>Standard accessories</p> <ul style="list-style-type: none"> • Sound & Weather Proof, Canopy (Local/Imported)-01 No. • ATS Panel-01 No. • RCC Foundation Pad (if required)-01 No. • Earthing (if required)-01 Job • Power Cable 70 mm², 4-core or better-01 X 1M • Control Cable 2.5mm², 4-core or better-01 X 1M • Trench size: (if required)-01X1M • Laying of PVC Pipe size: (if required)-1X 10M • Transportation, loading and un-loading charges-01 Job • Installation, testing, and commissioning charges-01 Job • Standard tool kit • One set of air fuel and lubricant, filters • Technical Manual (Two sets) • Bidder must quote prices of all items in PKR (DDP Basis), mentioning per meter prices, or per job prices, where applicable, along with price of main Unit along with comprehensive warranty of Two years warranty with parts. <p>Country of Manufacturer: USA/EU/Japan Mode: DDP Warranty: 02-years warranty with parts</p> | | | |
| 114. | <p><u>DIESEL GENERATOR 20KVA</u> Capacity Prime Rating</p> <ul style="list-style-type: none"> • 20 KVA <p>Generator Type</p> <ul style="list-style-type: none"> • Heavy Duty Fabricated steel skid type based frame with anti-vibration mounting / isolator • Skid mounted radiator engine driven bowler type fan and protecting guards • Diesel day fuel tank for minimum of 8 hours of continuous runs • Earthing and neutral and connection up to first level | 01 | 6,500,000 | 6,500,000 |

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| | <p>ENGINE</p> <ul style="list-style-type: none"> • Prime power rating in KVA • Four stroke diesel engine • Water cold • Direct coupled with alternative • Self ventilated / regulator <p>ALTERNATOR</p> <ul style="list-style-type: none"> • Brush less • Self excited • Automatic voltage regulated • Automatic frequency regulated • 230/400 volts 3 face, 4 wire, 50 Hz (nominal frequency) • F/H type insulated <p>Speed</p> <ul style="list-style-type: none"> • 1500 RPM <p>No. of cylinder</p> <ul style="list-style-type: none"> • In line 3-4 <p>Aspiration</p> <ul style="list-style-type: none"> • Natural / Turbo charged <p>Ambient temperature</p> <ul style="list-style-type: none"> • 45°C <p>Cooling system</p> <ul style="list-style-type: none"> • Water cooled • Tropical radiator with water level switch / indicator <p>Exhausts system</p> <ul style="list-style-type: none"> • Heavy duty residential grade silencer with a flexible exhaust pipe <p>Governor</p> <ul style="list-style-type: none"> • Mechanical <p>Protections</p> <ul style="list-style-type: none"> • Overload shut down • Short circuit shut down • Low oil pressure shut down • High water temperature shut down • Under speed shut down • Under voltage shut down • Over winding temperature shut down • Over voltage monitoring and tripping shut down • Low voltage monitoring and tripping shut down • Phase sequence monitoring and tripping • Phase failure monitoring and tripping <p>Monitoring / control panel</p> <ul style="list-style-type: none"> • Automatic alarm monitor • Under / over voltage • Emergency stop • Low oil pressure • High coolant temperature • Failed to start • Low / high battery voltage meter <p>Metering</p> <ul style="list-style-type: none"> • Volt meter • Frequency meter • Ampere meter | | | |
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| | <ul style="list-style-type: none"> • Hour meter • Batteries • Maintenance free • Heavy duty lead acid batteries • Batteries rack and table • Auto battery charger • Standard accessories • Sound & Weather Proof, Canopy (Local/Imported)-01 No. • Whether an sound proof and acoustic canopy with matching silencer of approved makes 85 dB (A) (residential guarding) • ATSPanel-01 No. • RCC Foundation Pad (if required)-01 No. • Earthing (if required)-01 Job • Power Cable 16mm², 4-core or better-01 X 1M • Control Cable 2.5mm², 4-core or better-01 X 1M • Trench size: (if required)-01 X 1M • Laying of PVC Pipe size: (if required)-1X 10M • Transportation, loading and un-loading charges-01 Job • Installation, testing, and commissioning charges-01 Job • Standard tool kit • One set of air fuel and lubricant, filters • Technical Manual (Two sets) <p>Bidder must quote prices of all items in PKR (DDP Basis), mentioning per meter prices, or per job prices, where applicable, along with price of main Unit along with comprehensive warranty of Two years warranty with parts.</p> <p>Country of Manufacturer: USA/EU/Japan Mode: DDP Warranty: 02-years warranty with parts</p> | | | |
| 115. | <p><u>HOSPITAL GRADE NEBULIZER HEAVY DUTY</u> 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. 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</p> <p>Country of Manufacturer: USA/Europe/Japan Quality Certificate: FDA 510K for USA/ CE MDD/MDR for European (NANDO notified bodies)/ JpMHLW for Japanese manufacturers Manufacturing Standard: Must conform to the requirements of ISO 13485 Mode: DDP Warranty: 02- Years Warranty</p> | 05 | 400,000 | 2,000,000 |

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| 116. | <p><u>BLOOD SHAKER</u> Accept all major brands of bag available in the local market Mixing of blood bags LCD/LED Display of parameters Self-Calibration Measuring and shaking of blood bags Battery operated User Adjustable Settings: Weight range 1-999 gr/ml Displayed Parameters: Accuracy $\pm 2\%$ Error Indication Accessories: With all Standard Accessories</p> <p>Country of Manufacturer: USA/EU/Japan Quality Certificate: FDA510K/CE MDD/ Jp MHLW Mode: DDP Warranty: 02-Years Warranty with parts</p> | 01 | 850,000 | 850,000 |
| 117. | <p><u>SLIT LAMP</u> Binocular tube with vertical type and eye width adjustment. Efficient Illumination system. Eyepieces with dioptric adjustment 10x.Slit length: variable. Tilt mechanism. Slit image rotation: 0 to 180° Filters: UV, Heat absorbing, red free and cobalt blue. With provision for hanging type applanation tonometer.On locally made motorized table Dust cover Plastic breath-shieldChin-rest papers.</p> <p>Country of Manufacturer: USA/Europe/Japan Quality Certificate: FDA 510K for USA/ CE MDD/MDR for European (NANDO notified bodies)/ JpMHLW for Japanese manufacturers Manufacturing Standard: Must conform to the requirements of ISO 13485</p> | 01 | 1,200,000 | 1,200,000 |
| 118. | <p><u>TRIAL LENS SET</u> Sphere: $\pm 012D$ to $\pm 20.00D$. Cylinder: $\pm 012D$ to $\pm 6.00D$. Prisms: 1 to 10D With standard filters, Maddox rod, Occlude, Pin hole. With unbreakable light weight anodized aluminum / Plastic mounts and standard accessories in carrying case. Universal type trial frame</p> <p>Country of Manufacturer: USA/EU/Japan Quality Certificate: FDA510K/CE MDD/ Jp MHLW Mode: DDP Warranty: 02-Years Warranty</p> | 01 | 350,000 | 350,000 |

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| 119. | <p><u>GLUCOMETER</u> Handheld type Code free LCD Display Auto Power Off Function Memory for storage of Blood Glucose Results (not less than 200) Patient Blood Glucose Data Transfer Function Digital reading Automatic calibration Power Source: Battery Operated Pouch/Bag Bidder shall provide one Standard Pricker per meter. Glucometer Strips (Qty-100) with each meter Optional: Unit price of sterilized lancet & swab for puncture site. Sole Authorization: N.A Panel: Imported Mode: DDP Warranty: 01-Years Warranty</p> | 05 | 4,000 | 20,000 |
| 120. | <p><u>OPHTHALMIC CHAIR</u> Electric assisted manual recline mechanism uses patient's weight for easy reclining adjustments. Recline capability includes a comfortable flat position, or any desirable position in between. Built in DC Power supply for any two instruments. Electrically elevated chair. Overhead LED lamp. Armrest. Foldable foot support. Double/Single-handed headrest operation provides smooth patient headrest adjustment and firm locking. Load Capacity: 150kg or more Country of Manufacturer: USA/EU/Japan Quality Certificate: FDA510K, CE MDD & Jp MHLW Mode: DDP Warranty: 02-Years Warranty with parts</p> | 02 | 1,800,000 | 3,600,000 |
| 121. | <p><u>EXECUTIVE CHAIR</u> Structure made of plywood, arms fixed with stainless steel pipe, upholstered with best quality foam and leatherite, PU gas lift mechanism+ Ash Wood Arm with polish finish (1200 mm) W x (460 mm) D x (760 mm) H (Approximately) Local Made Mode: DDP Subject to Approval of Sample Warranty: 02 years warranty</p> | 06 | 40,000 | 240,000 |
| 122. | <p><u>FOWLER BED</u> Over all dimensions: 39" W x 90" L x 21" H Approx Main Frame: Made of 16 SWG pipe 1" x 2" rectangular pipe section CO2 welded together at corners.End of Pipes be covered with special plastic bushes Mattress Frame: Should be in 4 parts The 2nd part fixed and 3 moveable parts made of 1" x 1" longitudinal & ¾" cross pipes of steel squarepipe of 16SWG. The end of each moveable part should be attached to the main frame by means of bolt having metalreinforced ABS plastic hinges.</p> | 90 | 170,000 | 15,300,000 |

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| | <p>FIXED SIZES (Approx):</p> <ol style="list-style-type: none"> 1) Head Raise part: 24¾" x 33" 2) Fixed Part: 7" x 33" 3) Knee Bridge Part: 11½ x 33" <p>Leg Rest part: 24½ " x33" Bedding area made of ABS mesh.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 kneebridge 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 ½" steelrod.</p> <p>Cranks main screw made of dia: ¾" for knee steel rod with square / ACMI type of threading with safelimit mechanism.</p> <p>Head & Foot Part of Mattress frame have (Mattress stay) steel brackets CO2 welded for keeping themattress in proper place.</p> <p>High quality head & foot panels made of ABS material. The height of head panel is greater than footside; imported.</p> <p>The panels of both ends are protected by MS pipe from being damaging while moving/ pushing ofthe 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 andfoot end area. Foot end should have hooks for urine bags hanging on both sides and N.G bag hook athead end of both sides.</p> <p>Bumpers:</p> <p>Four 6" rounded bumpers of made of flexible material at all corners.</p> <p>Castors:</p> <p>5 " ball bearing rust proof, water proof , high quality Tante or eq. twin wheel castors with individual &swivel brake .</p> <p>Finish:</p> <p>All metals part to be chemically degreased / derusted through phosphate treatment and coveredwith Antimicrobial polyester powder coating.</p> <p>Welding:</p> <p>All metal parts should be welded by CO2 gas.</p> <p>Side Rails:</p> <p>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 heightwhen in use 30 cm from mattress platform; imported.</p> <p>Mattress:</p> <p>Best quality mattress foam of 4" thickness having density of 35-</p> | | | |
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| | <p>36 kg/m³. Water proof Rexene coverhaving 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 bottomcompartment. 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 x32 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> <p>ATTENDANT BENCH: MS Pipe/ tube base structure (1"x1½") with aluminum paint. Full Wooden Top of rose wood ¾" thick (bestquality). Size of the bench is 60" x18"x15" (LxHxW) approx.</p> <p>Colour: The theme colour of main items should be blue, blue shades. Minor deviation in standard sizes are acceptable LOCAL</p> <p>Local Made (Best quality) Mode: DDP Subject to Approval of Sample Warranty: 02-Year Warranty</p> | | | |
| 123. | <p><u>REFRIGERATED CENTRIFUGE MACHINE</u> Floor type Refrigerated Centrifuge machine Swing out rotor for blood bags Integrated refrigeration system with a temperature range -20C to +40C Maximum speed 2000-12,000 rpm or better Relative centrifugal force (RCF) not less than 15,000 or better x g Maximum capacity 4 blood bags (4x500ml or better) Timing 0 to 60 minutes; continuous Brushless motor Vibration free and Noise level 60 dB or less Digital display of programme speed, timing, braking. Programmable Self-diagnostic with error display</p> | 02 | 8,000,000 | 16,000,000 |

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| | <p>Over temperature alarm Imbalance detection Lid safety interlock</p> <p>Accessories:</p> <ul style="list-style-type: none"> • Complete with standard and operation accessories • Compatible Online Sine wave UPS with Battery backup for 30 minutes (Emerson, Liebert, Chloride, MGE, APC or equivalent) Operating Manual with a Soft Copy • Service Manual with a Soft Copy <p>Country of Manufacturer: USA/EU/Japan Quality Certificate: FDA510K/CE MDD/ Jp MHLW Mode: DDP Warranty: 02-Years Warranty with parts</p> | | | |
| 124. | <p><u>PLASMA FREEZER</u></p> <p>Detailed Requirement:</p> <ul style="list-style-type: none"> • Stainless Steel Interior & Exterior should be SS/Powder coated. Upright Freezer, Automatic defrost, CFC Free, • Controlled fan cooling / direct cooling to achieve homogeneous temperature. Key operated power switch • Safety door lock. • Gross volume of 8 cu. ft or more • Net capacity : minimum 120 plasma bags of 450ml <p>User Adjustable Settings:</p> <ul style="list-style-type: none"> • Temperature range down to -30°C or better • 200-240 min hold over time at +25° C ambient temperature <p>Displayed Parameters:</p> <ul style="list-style-type: none"> • Digital temperature display • Microprocessor Controlled. • Acoustical and visual alarm for temperature and power failure. • Door opening alarm. Hi Low Temperature Alarm. <p>Accessories:</p> <ul style="list-style-type: none"> • Complete with standard and operation accessories; • Voltage Stabilizer with surge protection facility Operating Manual with a Soft Copy • Service Manual with a Soft Copy <p>Country of Manufacturer: USA/EU/Japan Quality Certificate: FDA510K/CE MDD/ Jp MHLW Mode: DDP Warranty: 02-Years Warranty with parts</p> | 01 | 1,800,000 | 1,800,000 |

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| 125. | <p><u>PLATELET INCUBATOR WITH REFRIGERATOR & ROUTER</u> STRUCTURE:- External structure made of galvanized plastic-coated sheet-steel or equivalent Shelf, internal cabinet and walls for the air circulation are in stainless steel.</p> <p>Main Technical Features Temperature range ambient from +5°C to 80°C Orbital shaking motion Microprocessor PID control Liters Capacity: 260 Lt Power supply 220V/50Hz</p> <p>Country of Manufacturer: USA/EU/Japan Quality Certificate: FDA510K/CE MDD/ Jp MHLW Mode: DDP Warranty: 02-Years Warranty with parts</p> | 01 | 2,000,000 | 2,000,000 |
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Chief Executive Officer
District Health Authority
Faisalabad