



Request for Bid

(Two-Envelope Bidding Process)

For

**Procurement of Medical, Biomedical, Surgical, and Other Related
Equipment (Phase 1) for Various
Health Facilities across Sindh, Pakistan**

ICB: RFB No: PK-SIHPP-544131-GO-RFB

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ICB No: RFB No: PK-SIHPP-544131-GO-RFB

**Project: Sindh Human Capital Investment:1000 Days
Sindh Integrated Health and Population Program (SIHPP)**

**Client: Sindh Integrated Health and Population Project,
Health Department Sindh**

Country: Pakistan

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Standard Procurement Document

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PART 1 – Bidding Procedures



Section I - Instructions to Bidders

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Section I - Instructions to Bidders

A. General

1. Scope of Bid

1.1 In connection with the Specific Procurement Notice, Request for Bids (RFB), specified **in the Bid Data Sheet (BDS)**, the Purchaser, as specified **in the BDS**, issues this bidding document for the supply of Goods and, if applicable, any Related Services incidental thereto, as specified in Section VII, Schedule of Requirements. The name, identification and number of lots (contracts) of this RFB are specified **in the BDS**.

1.2 Throughout this bidding document:

- (a) the term “in writing” means communicated in written form (e.g. by mail, e-mail, fax, including, if **specified in the BDS**, distributed or received through the electronic-procurement system used by the Purchaser), with proof of receipt;
- (b) if the context so requires, “singular” means “plural” and vice versa; and
- (c) “Day” means calendar day, unless otherwise specified as “Business Day”. A Business Day is any day that is an official working day of the Borrower. It excludes the Borrower’s official public holidays.

2. Source of Funds

2.1 The Borrower or Recipient (hereinafter called “Borrower”) specified **in the BDS** has applied for or received financing (hereinafter called “funds”) from the International Bank for Reconstruction and Development or the International Development Association (hereinafter called “the Bank”) in an amount specified **in the BDS**, toward the project named **in the BDS**. The Borrower intends to apply a portion of the funds to eligible payments under the contract for which this bidding document is issued.

2.2 Payment by the Bank will be made only at the request of the Borrower and upon approval by the

Bank in accordance with the terms and conditions of the Loan (or other financing) Agreement. The Loan (or other financing) Agreement prohibits a withdrawal from the loan account for the purpose of any payment to persons or entities, or for any import of goods, if such payment or import is prohibited by a decision of the United Nations Security Council taken under Chapter VII of the Charter of the United Nations. No party other than the Borrower shall derive any rights from the Loan (or other financing) Agreement or have any claim to the proceeds of the Loan (or other financing).

3. Fraud and Corruption

- 3.1 The Bank requires compliance with the Bank's Anti-Corruption Guidelines and its prevailing sanctions policies and procedures as set forth in the WBG's Sanctions Framework, as set forth in Section VI, Fraud and Corruption.
- 3.2 In further pursuance of this policy, bidders shall permit and shall cause their agents (where declared or not), subcontractors, subconsultants, service providers, suppliers, and personnel, to permit the Bank to inspect all accounts, records and other documents relating to any initial selection process, prequalification process, bid submission, proposal submission, and contract performance (in the case of award), and to have them audited by auditors appointed by the Bank.

4. Eligible Bidders

- 4.1 A Bidder may be a firm that is a private entity, a state-owned enterprise or institution (subject to ITB 4.6), or any combination of such entities in the form of a joint venture (JV) under an existing agreement or with the intent to enter into such an agreement supported by a letter of intent. In the case of a joint venture, all members shall be jointly and severally liable for the execution of the entire Contract in accordance with the Contract terms. The JV shall nominate a Representative who shall have the authority to conduct all business for and on behalf of any and all the members of the JV during the Bidding process and, in the event the JV is awarded the Contract, during contract execution. Unless specified **in the BDS**, there is no limit on the number of members in a JV.

4.2 A Bidder shall not have a conflict of interest. Any Bidder found to have a conflict of interest shall be disqualified. A Bidder may be considered to have a conflict of interest for the purpose of this Bidding process, if the Bidder:

- (a) directly or indirectly controls, is controlled by or is under common control with another Bidder; or
- (b) receives or has received any direct or indirect subsidy from another Bidder; or
- (c) has the same legal representative as another Bidder; or
- (d) has a relationship with another Bidder, directly or through common third parties, that puts it in a position to influence the Bid of another Bidder, or influence the decisions of the Purchaser regarding this Bidding process; or
- (e) or any of its affiliates participated as a consultant in the preparation of the design or technical specifications of the works that are the subject of the Bid; or
- (f) or any of its affiliates has been hired (or is proposed to be hired) by the Purchaser or Borrower for the Contract implementation; or
- (g) would be providing goods, works, or non-consulting services resulting from or directly related to consulting services for the preparation or implementation of the project specified in the BDS reference ITB 2.1 (the name of the project), that it provided or were provided by any affiliate that directly or indirectly controls, is controlled by, or is under common control with that firm; or
- (h) has a close business or family relationship with a professional staff of the Borrower (or of the project implementing agency, or of a recipient of a part of the loan) who: (i) are directly or indirectly involved in the preparation of the bidding document or specifications of the Contract, and/or the

Bid evaluation process of such Contract; or
(ii) would be involved in the implementation or supervision of such Contract unless the conflict stemming from such relationship has been resolved in a manner acceptable to the Bank throughout the Bidding process and execution of the Contract.

- 4.3 A firm that is a Bidder (either individually or as a JV member) shall not participate in more than one Bid, except for permitted alternative Bids. This includes participation as a subcontractor. Such participation shall result in the disqualification of all Bids in which the firm is involved. A firm that is not a Bidder or a JV member, may participate as a subcontractor in more than one Bid.
- 4.4 A Bidder may have the nationality of any country, subject to the restrictions pursuant to ITB 4.8. A Bidder shall be deemed to have the nationality of a country if the Bidder is constituted, incorporated or registered in and operates in conformity with the provisions of the laws of that country, as evidenced by its articles of incorporation (or equivalent documents of constitution or association) and its registration documents, as the case may be. This criterion also shall apply to the determination of the nationality of proposed subcontractors or subconsultants for any part of the Contract including related Services.
- 4.5 A Bidder that has been sanctioned by the Bank, pursuant to the Bank's Anti-Corruption Guidelines, and in accordance with its prevailing sanctions policies and procedures as set forth in the WBG's Sanctions Framework as described in Section VI paragraph 2.2 d. shall be ineligible to be prequalified for, initially selected for, bid for, propose for, or be awarded a Bank-financed contract or benefit from a Bank-financed contract, financially or otherwise, during such period of time as the Bank shall have determined. The list of debarred firms and individuals is available at the electronic address specified in the BDS.
- 4.6 Bidders that are state-owned enterprises or institutions in the Purchaser's Country may be eligible to compete and be awarded a Contract(s)

only if they can establish, in a manner acceptable to the Bank, that they (i) are legally and financially autonomous (ii) operate under commercial law, and (iii) are not under supervision of the Purchaser.

4.7 A Bidder shall not be under suspension from Bidding by the Purchaser as the result of the operation of a Bid-Securing Declaration or Proposal-Securing Declaration.

4.8 Firms and individuals may be ineligible if so indicated in Section V, Eligible Countries, and:

(a) as a matter of law or official regulations, the Borrower's country prohibits commercial relations with that country, provided that the Bank is satisfied that such exclusion does not preclude effective competition for the supply of goods or the contracting of works or services required; or

(b) by an act of compliance with a decision of the United Nations Security Council taken under Chapter VII of the Charter of the United Nations, the Borrower's country prohibits any import of goods or contracting of works or services from that country, or any payments to any country, person, or entity in that country.

4.9 A Bidder shall provide such documentary evidence of eligibility satisfactory to the Purchaser, as the Purchaser shall reasonably request.

4.10 A firm that is under a sanction of debarment by the Borrower from being awarded a contract is eligible to participate in this procurement, unless the Bank, at the Borrower's request, is satisfied that the debarment;

(a) relates to fraud or corruption; and

(b) followed a judicial or administrative proceeding that afforded the firm adequate due process.

5. Eligible Goods and Related Services

5.1 All the Goods and Related Services to be supplied under the Contract and financed by the Bank may have their origin in any country in accordance with Section V, Eligible Countries.

5.2 For purposes of this ITB, the term "goods" includes commodities, raw material, machinery,

equipment, and industrial plants; and “related services” includes services such as insurance, installation, training, and initial maintenance.

- 5.3 The term “origin” means the country where the goods have been mined, grown, cultivated, produced, manufactured or processed; or, through manufacture, processing, or assembly, another commercially recognized article results that differs substantially in its basic characteristics from its components.

B. Contents of Request for Bid Document

6. Sections of Bidding Document

- 6.1 The bidding document consists of Parts 1, 2, and 3, which include all the sections indicated below, and should be read in conjunction with any addenda issued in accordance with ITB 8.

PART 1 Bidding Procedures

- Section I - Instructions to Bidders (ITB)
- Section II - Bidding Data Sheet (BDS)
- Section III - Evaluation and Qualification Criteria
- Section IV - Bidding Forms
- Section V - Eligible Countries
- Section VI - Fraud and Corruption

PART 2 Supply Requirements

- Section VII - Schedule of Requirements

PART 3 Contract

- Section VIII - General Conditions of Contract
- Section IX - Special Conditions of Contract
- Section X - Contract Forms

- 6.2 The Specific Procurement Notice - Request for Bids (RFB) issued by the Purchaser is not part of this bidding document.
- 6.3 Unless obtained directly from the Purchaser, the Purchaser is not responsible for the completeness of the document, responses to requests for

clarification, the Minutes of the pre-Bid meeting (if any), or addenda to the bidding document in accordance with ITB 8. In case of any contradiction, documents obtained directly from the Purchaser shall prevail.

6.4 The Bidder is expected to examine all instructions, forms, terms, and specifications in the bidding document and to furnish with its Bid all information or documentation as is required by the bidding document.

7. Clarification of the Bidding Document

7.1 A Bidder requiring any clarification of the bidding document shall contact the Purchaser in writing at the Purchaser's address specified **in the BDS**. The Purchaser will respond in writing to any request for clarification, provided that such request is received prior to the deadline for submission of Bids within a period specified **in the BDS**. The Purchaser shall forward copies of its response to all Bidders who have acquired the bidding document in accordance with ITB 6.3, including a description of the inquiry but without identifying its source. If so specified **in the BDS**, the Purchaser shall also promptly publish its response at the web page identified **in the BDS**. Should the clarification result in changes to the essential elements of the bidding document, the Purchaser shall amend the bidding document following the procedure under ITB 8 and ITB 22.2.

8. Amendment of Bidding Document

8.1 At any time prior to the deadline for submission of Bids, the Purchaser may amend the bidding document by issuing addenda.

8.2 Any addendum issued shall be part of the bidding document and shall be communicated in writing to all who have obtained the bidding document from the Purchaser in accordance with ITB 6.3. The Purchaser shall also promptly publish the addendum on the Purchaser's web page in accordance with ITB 7.1.

8.3 To give prospective Bidders reasonable time in which to take an addendum into account in preparing their Bids, the Purchaser may, at its

discretion, extend the deadline for the submission of Bids, pursuant to ITB 22.2.

C. Preparation of Bids

9. Cost of Bidding

- 9.1 The Bidder shall bear all costs associated with the preparation and submission of its Bid, and the Purchaser shall not be responsible or liable for those costs, regardless of the conduct or outcome of the Bidding process.

10. Language of Bid

- 10.1 The Bid, as well as all correspondence and documents relating to the Bid exchanged by the Bidder and the Purchaser, shall be written in the language specified **in the BDS**. Supporting documents and printed literature that are part of the Bid may be in another language provided they are accompanied by an accurate translation of the relevant passages into the language specified **in the BDS**, in which case, for purposes of interpretation of the Bid, such translation shall govern.

11. Documents comprising Bid

- 11.1 The Bid shall comprise two Parts, namely the Technical Part and the Financial Part. These two Parts shall be submitted simultaneously in two separate sealed envelopes (two-envelope Bidding process). One envelope shall contain only information relating to the Technical Part and the other, only information relating to the Financial Part. These two envelopes shall be enclosed in a separate sealed outer envelope marked “ORIGINAL BID”.
- 11.2 The **Technical Part** shall contain the following:
- (a) **Letter of Bid - Technical Part:** prepared in accordance with ITB 12;
 - (b) **Bid Security or Bid-Securing Declaration:** in accordance with ITB 19.1;
 - (c) **Alternative Bid - Technical Part:** if permissible in accordance with ITB 13, the Technical Part of any Alternative Bid;
 - (d) **Authorization:** written confirmation authorizing the signatory of the Bid to

commit the Bidder, in accordance with ITB 20.3;

- (e) **Bidder's Eligibility:** documentary evidence in accordance with ITB 17 establishing the Bidder's eligibility to Bid;
- (f) **Qualifications:** documentary evidence in accordance with ITB 17 establishing the Bidder's qualifications to perform the Contract if its Bid is accepted;
- (g) **Eligibility of Goods and Related Services:** documentary evidence in accordance with ITB 16, establishing the eligibility of the Goods and Related Services to be supplied by the Bidder;
- (h) **Conformity:** documentary evidence in accordance with ITB 16, that the Goods and Related Services conform to the bidding document;
- (i) any other document **required in the BDS.**

11.3 The **Financial Part** envelope shall contain the following:

- (a) **Letter of Bid – Financial Part:** prepared in accordance with ITB 12 and ITB 14;
- (b) **Price Schedules:** completed prepared in accordance with ITB 12 and ITB 14;
- (c) **Alternative Bid - Financial Part;** if permissible in accordance with ITB 13, the Financial Part of any Alternative Bid;
- (d) any other document **required in the BDS.**

11.4 The Technical Part shall not include any financial information related to the Bid price. Where material financial information related to the Bid price is contained in the Technical Part the Bid shall be declared non-responsive.

11.5 In addition to the requirements under ITB 11.2, Bids submitted by a JV shall include a copy of the Joint Venture Agreement entered into by all members. Alternatively, a letter of intent to execute a Joint Venture Agreement in the event of a successful Bid shall be signed by all members and

submitted with the Bid, together with a copy of the proposed Agreement.

- 11.6 The Bidder shall furnish in the Letter of Bid information on commissions and gratuities, if any, paid or to be paid to agents or any other party relating to this Bid.

12. Letters of Bid

- 12.1. The Bidder shall prepare the Letter of Bid – Technical Part, and Letter of Bid – Financial Part using the relevant forms furnished in Section IV, Bidding Forms. The forms must be completed without any alterations to the text, and no substitutes shall be accepted except as provided under ITB 20.3. All blank spaces shall be filled in with the information requested.

13. Alternative Bids

- 13.1. Unless otherwise **specified in the BDS**, Alternative Bids shall not be considered.

14. Bid prices and Discounts

- 14.1 The prices and discounts quoted by the Bidder in the Letter of Bid - Financial Part and in the Price Schedules shall conform to the requirements specified below.
- 14.2 All lots (contracts) and items must be listed and priced separately in the Price Schedules.
- 14.3 The price to be quoted in the Letter of Bid - Financial Part, in accordance with ITB 12.1 shall be the total price of the Bid, excluding any discounts offered.
- 14.4 The Bidder shall quote any discounts and indicate the methodology for their application in the Letter of Bid - Financial Part, in accordance with ITB 12.1.
- 14.5 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 BDS**. A Bid submitted with an adjustable price quotation shall be treated as nonresponsive and shall be rejected, pursuant to ITB 31. However, if in accordance with the BDS, prices quoted by the Bidder shall be subject to adjustment during the performance of the Contract, a Bid submitted with a fixed price

quotation shall not be rejected, but the price adjustment shall be treated as zero.

- 14.6 If so specified in ITB 1.1, Bids are being invited for individual lots (contracts) or for any combination of lots (packages). Unless otherwise specified **in the BDS**, prices quoted shall correspond to 100% of the items specified for each lot and to 100% of the quantities specified for each item of a lot. Bidders wishing to offer discounts for the award of more than one Contract shall specify in their Bid the price reductions applicable to each package, or alternatively, to individual Contracts within the package. **However, discounts that are conditional on the award of more than one lot will not be considered for bid evaluation purpose.**
- 14.7 The terms EXW, CIP, and other similar terms shall be governed by the rules prescribed in the current edition of Incoterms, published by the International Chamber of Commerce, as specified **in the BDS.**
- 14.8 Prices shall be quoted as specified in each Price Schedule included in Section IV, Bidding Forms. The disaggregation of price components is required solely for the purpose of facilitating the comparison of Bids by the Purchaser. This shall not in any way limit the Purchaser's right to contract on any of the terms offered. In quoting prices, the Bidder shall be free to use transportation through carriers registered in any eligible country, in accordance with Section V, Eligible Countries. Similarly, the Bidder may obtain insurance services from any eligible country in accordance with Section V, Eligible Countries. Prices shall be entered in the following manner:
- (a) For Goods manufactured in the Purchaser's Country:
 - (i) the price of the Goods quoted EXW (ex-works, ex-factory, ex warehouse, ex showroom, or off-the-shelf, as applicable), including all customs duties and sales and other taxes already paid or payable on the

components and raw material used in the manufacture or assembly of the Goods;

- (ii) any Purchaser's Country sales tax and other taxes which will be payable on the Goods if the Contract is awarded to the Bidder; and
 - (iii) the price for inland transportation, insurance, and other local services required to convey the Goods to their final destination (Project Site) specified **in the BDS.**
- (b) For Goods manufactured outside the Purchaser's Country, to be imported:
- (i) the price of the Goods, quoted CIP named place of destination, in the Purchaser's Country, as specified **in the BDS;**
 - (ii) the price for inland transportation, insurance, and other local services required to convey the Goods from the named place of destination to their final destination (Project Site) specified **in the BDS;**
- (c) For Goods manufactured outside the Purchaser's Country, already imported:
- (i) the price of the Goods, including the original import value of the Goods; plus any mark-up (or rebate); plus any other related local cost, and custom duties and other import taxes already paid or to be paid on the Goods already imported.
 - (ii) the custom duties and other import taxes already paid (need to be supported with documentary evidence) or to be paid on the Goods already imported;
 - (iii) the price of the Goods, obtained as the difference between (i) and (ii) above;
 - (iv) any Purchaser's Country sales and other taxes which will be payable on

the Goods if the Contract is awarded to the Bidder; and

- (i) the price for inland transportation, insurance, and other local services required to convey the Goods to their final destination (Project Site) specified **in the BDS**.
- (d) for Related Services, other than inland transportation and other services required to convey the Goods to their final destination, whenever such Related Services are specified in the Schedule of Requirements:
 - (i) the price of each item comprising the Related Services (inclusive of any applicable taxes).

15. Currencies of Bid and Payment

- 15.1 The currency(ies) of the Bid and the currency(ies) of payments shall be the same. The Bidder shall quote in the currency of the Purchaser's Country the portion of the Bid price that corresponds to expenditures incurred in the currency of the Purchaser's country, unless otherwise specified **in the BDS**.
- 15.2 The Bidder may express the Bid price in any currency. If the Bidder wishes to be paid in a combination of amounts in different currencies, it may quote its price accordingly but shall use no more than three foreign currencies in addition to the currency of the Purchaser's Country.

16. Documents Establishing the Eligibility and Conformity of the Goods and Related Services

- 16.1 To establish the eligibility of the Goods and Related Services in accordance with ITB 5, Bidders shall complete the country of origin declarations in the Price Schedule Forms, included in Section IV, Bidding Forms.
- 16.2 To establish the conformity of the Goods and Related Services to the bidding document, the Bidder shall furnish as part of its Bid the documentary evidence that the Goods conform to the technical specifications and standards specified in Section VII, Schedule of Requirements.
- 16.3 The documentary evidence may be in the form of literature, drawings or data, and shall consist of a

detailed item by item description of the essential technical and performance characteristics of the Goods and Related Services, demonstrating substantial responsiveness of the Goods and Related Services to the technical specification, and if applicable, a statement of deviations and exceptions to the provisions of the Section VII, Schedule of Requirements.

- 16.4 The Bidder shall also furnish 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 during the period specified **in the BDS** following commencement of the use of the goods by the Purchaser.
- 16.5 Standards for workmanship, process, material, and equipment, as well as references to brand names or catalogue numbers specified by the Purchaser in the Schedule of Requirements, are intended to be descriptive only and not restrictive. The Bidder may offer other standards of quality, brand names, and/or catalogue numbers, provided that it demonstrates, to the Purchaser's satisfaction, that the substitutions ensure substantial equivalence or are superior to those specified in the Section VII, Schedule of Requirements.

17. Documents Establishing the Eligibility and Qualifications of the Bidder

- 17.1 To establish Bidder's eligibility in accordance with ITB 4, Bidders shall complete the Letter of Bid – Technical Part, included in Section IV, Bidding Forms.
- 17.2 The documentary evidence of the Bidder's qualifications to perform the Contract, if its Bid is accepted, shall establish to the Purchaser's satisfaction:
- (a) that, if required **in the BDS**, a Bidder that does not manufacture or produce the Goods it offers to supply shall submit the Manufacturer's Authorization using the form included in Section IV, Bidding Forms to demonstrate that it has been duly authorized by the manufacturer or producer of the Goods

to supply these Goods in the Purchaser's Country;

- (b) that, if required **in the BDS**, in case of a Bidder not doing business within the Purchaser's Country, the Bidder is or will be (if awarded the Contract) represented by an Agent in the 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
- (c) that the Bidder meets each of the qualification criterion specified in Section III, Evaluation and Qualification Criteria.

18. Period of Validity of Bids

- 18.1. Bids shall remain valid until the date **specified in the BDS** or any extended date if amended by the Purchaser in accordance with ITB 8. A Bid that is not valid until the date **specified in the BDS**, or any extended date if amended by the Purchaser in accordance with ITB 8, shall be rejected by the Purchaser as nonresponsive.
- 18.2. In exceptional circumstances, prior to the expiry of the Bid validity, the Purchaser may request Bidders to extend the period of validity of their Bids. The request and the responses shall be made in writing. If a Bid Security is requested (in accordance with ITB 19), it shall also be extended for a corresponding period. A Bidder may refuse the request without forfeiting its Bid Security. A Bidder granting the request shall not be required or permitted to modify its Bid, except as provided in ITB 18.3.
- 18.3. If the award is delayed by a period exceeding fifty-six (56) days beyond the expiry of the initial Bid validity, the Contract price shall be determined as follows:
 - (a) In the case of fixed price contracts, the Contract price shall be the Bid price adjusted by the factor **specified in the BDS**.
 - (b) In the case of adjustable price contracts, no adjustment shall be made.
 - (c) In any case, Bid evaluation shall be based on the Bid price without taking into

consideration the applicable correction from those indicated above.

19. Bid Security

- 19.1. The Bidder shall furnish, as part of the Technical Part of its Bid, either a Bid-Securing Declaration or a Bid Security, as specified **in the BDS**, in original form and, in the case of a Bid security, in the amount and currency specified **in the BDS**.
- 19.2. A Bid Securing Declaration shall use the form included in Section IV, Bidding Forms.
- 19.3. If a Bid Security is specified pursuant to ITB 19.1, the Bid security shall be a demand guarantee in any of the following forms at the Bidder's option:
 - (a) an unconditional guarantee issued by a bank or non-bank financial institution (such as an insurance, bonding or surety company);
 - (b) an irrevocable letter of credit;
 - (c) a cashier's or certified check; or
 - (d) another security **specified in the BDS**,

from a reputable source from an eligible country. If an unconditional guarantee is issued by a non-bank financial institution located outside the Purchaser's Country the issuing non-bank financial institution shall have a correspondent financial institution located in the Purchaser's Country to make it enforceable unless the Purchaser has agreed in writing, prior to Bid submission, that a correspondent financial institution is not required. In the case of a bank guarantee, the Bid security shall be submitted either using the Bid Security Form included in Section IV, Bidding Forms, or in another substantially similar format approved by the Purchaser prior to Bid submission. The Bid security shall be valid for twenty-eight (28) days beyond the original date of expiry of the Bid validity, or beyond any extended date if requested under ITB 18.2.

- 19.4. If a Bid Security is specified pursuant to ITB 19.1, any Bid not accompanied by a substantially responsive Bid Security shall be rejected by the Purchaser as non-responsive.

- 19.5. If a Bid Security is specified pursuant to ITB 19.1, the Bid Security of unsuccessful Bidders shall be returned as promptly as possible upon the successful Bidder's signing the contract and furnishing the Performance Security pursuant to ITB 49.
- 19.6. The Bid Security of the successful Bidder shall be returned as promptly as possible once the successful Bidder has signed the Contract and furnished the required performance security.
- 19.7. The Bid Security may be forfeited:
- (a) if a Bidder withdraws its Bid prior to the expiry date of Bid validity specified by the Bidder on the Letter of Bid or any extended date provided by the Bidder ; or
 - (b) if the successful Bidder fails to:
 - (i) sign the Contract in accordance with ITB 48; or
 - (ii) furnish a performance security in accordance with ITB 49.
- 19.8. The Bid Security or Bid-Securing Declaration of a JV must be in the name of the JV that submits the Bid. If the JV has not been legally constituted into a legally enforceable JV at the time of Bidding, the Bid security or Bid-Securing Declaration shall be in the names of all future members as named in the letter of intent referred to in ITB 4.1 and ITB 11.5.
- 19.9. If a Bid security is **not required in the BDS**, pursuant to ITB 19.1, and
- (a) if a Bidder withdraws its Bid during the period of Bid validity specified by the Bidder on the Letter of Bid, or any extended date provided by the Bidder, or
 - (b) if the successful Bidder fails to: sign the Contract in accordance with ITB 48; or furnish a performance security in accordance with ITB 49;
- the Borrower may, **if provided for in the BDS**, declare the Bidder ineligible to be awarded a

contract by the Purchaser for a period of time **as stated in the BDS**.

20. Format and Signing of Bid

- 20.1 The Bidder shall prepare the Bid, in accordance with ITB 11 and ITB 21.
- 20.2 Bidders shall mark as “CONFIDENTIAL” information in their Bids which is confidential to their business. This may include proprietary information, trade secrets, or commercial or financially sensitive information.
- 20.3 The original and all copies of the Bid shall be typed or written in indelible ink and shall be signed by 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 where entries or amendments have been made shall be signed or initialed by the person signing the Bid.
- 20.4 In case the Bidder is a JV, the Bid shall be signed by an authorized representative of the JV on behalf of the JV, and so as to be legally binding on all the members as evidenced by a power of attorney signed by their legally authorized representatives.
- 20.5 Any inter-lineation, erasures, or overwriting shall be valid only if they are signed or initialed by the person signing the Bid.

D. Submission of Bids

21. Sealing and Marking of Bids

- 21.1 The Bidder shall deliver the Bid in two separate, sealed **envelopes** (the Technical Part and the Financial Part). These two envelopes shall be enclosed in a sealed outer envelope marked “ORIGINAL BID”.
- 21.2 In addition, the Bidder shall submit copies of the Bid in the number specified **in the BDS**. Copies of the Technical Part shall be placed in a separate sealed envelope marked “COPIES: TECHNICAL PART”. Copies of the Financial Part shall be placed in a separate sealed envelope marked “COPIES: FINANCIAL PART”. The Bidder shall place both of these envelopes in a separate, sealed outer envelope

marked “BID COPIES”. In the event of any discrepancy between the original and the copies, the original shall prevail. If alternative Bids are permitted in accordance with ITB 13, the alternative Bids shall be submitted as follows: the original of the alternative Bid Technical Part shall be placed in a sealed envelope marked “ALTERNATIVE BID – TECHNICAL PART” and the Financial Part shall be placed in a sealed envelope marked “ALTERNATIVE BID – FINANCIAL PART” and these two separate sealed envelopes then enclosed within a sealed outer envelope marked “ALTERNATIVE BID – ORIGINAL”, the copies of the alternative Bid will be placed in separate sealed envelopes marked “ALTERNATIVE BID – COPIES OF TECHNICAL PART”, and “ALTERNATIVE BID – COPIES OF FINANCIAL PART” and enclosed in a separate sealed outer envelope marked “ALTERNATIVE BID - COPIES”.

- 21.3 The envelopes marked “ORIGINAL BID” and “BID COPIES” (and, if appropriate, a third envelope marked “ALTERNATIVE BID”) shall be enclosed in a separate sealed outer envelope for submission to the Purchaser.
- 21.4 All inner and outer envelopes, shall:
- (a) bear the name and address of the Bidder;
 - (b) be addressed to the Purchaser in accordance with ITB 22.1;
 - (c) bear the specific identification of this Bidding process indicated in ITB 1.1; and
 - (d) bear a warning not to open before the time and date for Bid opening.
- 21.5 If all envelopes are not sealed and marked as required, the Purchaser will assume no responsibility for the misplacement or premature opening of the Bid.

22. Deadline for Submission of Bids

- 22.1. Bids must be received by the Purchaser at the address and no later than the date and time specified **in the BDS**. When so specified **in the BDS**, Bidders shall have the option of submitting their Bids electronically. Bidders submitting Bids

electronically shall follow the electronic Bid submission procedures specified **in the BDS**.

- 22.2. The Purchaser may, at its discretion, extend the deadline for the submission of Bids by amending the bidding document in accordance with ITB 8, in which case all rights and obligations of the Purchaser and Bidders previously subject to the deadline shall thereafter be subject to the deadline as extended.

23. Late Bids

- 23.1. The Purchaser shall not consider any Bid that arrives after the deadline for submission of Bids, in accordance with ITB 22. Any Bid received by the Purchaser after the deadline for submission of Bids shall be declared late, rejected, and returned unopened to the Bidder.

24. Withdrawal, Substitution, and Modification of Bids

- 24.1. A Bidder may withdraw, substitute, or modify its Bid after it has been submitted by sending a written notice, duly signed by an authorized representative, and shall include a copy of the authorization (the power of attorney) in accordance with ITB 20.3, (except that withdrawal notices do not require copies). The corresponding substitution or modification of the Bid must accompany the respective written notice. All notices must be:
- (a) prepared and submitted in accordance with ITB 20 and ITB 21 (except that withdrawal notices do not require copies), and in addition, the respective envelopes shall be clearly marked “WITHDRAWAL,” “SUBSTITUTION,” or “MODIFICATION;” and
 - (b) received by the Purchaser prior to the deadline prescribed for submission of Bids, in accordance with ITB 22.
- 24.2. Bids requested to be withdrawn in accordance with ITB 24.1 shall be returned unopened to the Bidders.
- 24.3. No Bid may be withdrawn, substituted, or modified 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 Letter of Bid -Technical Part and repeated in

the Letter of Bid - Financial Part, or any extension thereof.

E. Public Opening of Technical Parts of Bids

25. Public Opening of Technical Parts of Bids

- 25.1. Except as in the cases specified in ITB 23 and ITB 24.2, the Purchaser shall, at this Bid opening, publicly open and read out, in accordance with this ITB, all bids received by the deadline at the date, time and place specified **in the BDS** in the presence of Bidders' designated representatives and anyone who chooses to attend. Any specific electronic Bid opening procedures required if electronic Bidding is permitted in accordance with ITB 22.1, shall be as specified **in the BDS**.
- 25.2. First, the written notice of withdrawal in the 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. If the withdrawal envelope does not contain a copy of the "power of attorney" confirming the signature as a person duly authorized to sign on behalf of the Bidder, the corresponding Bid will be opened. 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.
- 25.3. Next, envelopes marked "SUBSTITUTION" shall be opened and read out and exchanged with the corresponding Bid being substituted, and the substituted Bid shall not be opened, but returned to the Bidder. No Bid substitution shall be permitted unless the corresponding substitution notice contains a valid authorization to request the substitution and is read out at Bid opening.
- 25.4. Next, envelopes marked "MODIFICATION" shall be opened and read out with the corresponding Bid. No Bid modification shall be permitted unless the corresponding modification notice contains a valid authorization to request the modification and is read out at Bid opening. Only Bids that are opened and read out at Bid opening shall be considered further.

- 25.5. Next, all other envelopes marked “TECHNICAL PART” shall be opened one at a time. All envelopes marked “FINANCIAL PART” shall remain sealed, and kept by the Purchaser in safe custody until they are opened, at a later public opening, following the evaluation of the Technical Part of the Bids. On opening the envelopes marked “TECHNICAL PART” the Purchaser shall read out: the name of the Bidder and whether there is a modification; and Alternative Bid the presence or absence of a Bid Security, if required and any other details as the Purchaser may consider appropriate.
- 25.6. Only Technical Parts of Bids and Alternative Bid - Technical Parts that are read out at Bid opening shall be considered further in the evaluation. The Letter of Bid – Technical Part and the separate sealed envelope marked “FINANCIAL PART” are to be initialed by representatives of the Purchaser attending Bid opening in the manner specified **in the BDS.**
- 25.7. At the Bid opening the Purchaser shall neither discuss the merits of any Bid nor reject any Bid (except for late Bids, in accordance with ITB 23.1).
- 25.8. Following the opening of the Technical Parts of the Bid the Purchaser shall prepare a record that shall include, as a minimum:
- (a) the name of the Bidder and whether there is a withdrawal, substitution, or modification;
 - (b) the presence or absence of a duly sealed envelope marked “FINANCIAL PART”;
 - (c) the presence or absence of a Bid Security or Bid-Securing Declaration; and
 - (d) if applicable, any Alternative Bid - Technical Part;
- 25.9. The Bidders’ representatives who are present shall be requested to sign the record. The omission of a Bidder’s signature on the record shall not invalidate the contents and effect of the record. A copy of the record shall be distributed to all Bidders.

F. Evaluation of Bids - General Provisions

26. Confidentiality

- 26.1 Information relating to the evaluation of the Technical Part shall not be disclosed to Bidders or any other persons not officially concerned with the Bidding process until the notification of evaluation of the Technical Part in accordance with ITB 33. Information relating to the evaluation of Financial Part, the evaluation of combined Technical Part and Financial Part, and recommendation of contract award shall not be disclosed to Bidders or any other persons not officially concerned with the RFB process until the Notification of Intention to Award the Contract is transmitted to Bidders in accordance with ITB 43.
- 26.2 Any effort by a Bidder to influence the Purchaser in the evaluation or contract award decisions may result in the rejection of its Bid.
- 26.3 Notwithstanding ITB 26.2, from the time of Bid opening to the time of Contract Award, if any Bidder wishes to contact the Purchaser on any matter related to the Bidding process, it should do so in writing.

27. Clarification of Bids

- 27.1 To assist in the examination, evaluation, comparison of the Bids, and qualification of the Bidders, the Purchaser may, at its discretion, ask any Bidder for a clarification of its Bid. Any clarification submitted by a Bidder in respect to its Bid and that is not in response to a request by the Purchaser shall not be considered. The Purchaser's request for clarification and the response shall be in writing. No change, including any voluntary increase or decrease, in the prices or substance of the Bid shall be sought, offered, or permitted, except to confirm the correction of arithmetic errors discovered by the Purchaser in the Evaluation of the Bids, in accordance with ITB 35.
- 27.2 If a Bidder does not provide clarifications of its Bid by the date and time set in the Purchaser's request for clarification, its Bid may be rejected.

28. Deviations, Reservations, and Omissions

- 28.1 During the evaluation of Bids, the following definitions apply:

- (a) “Deviation” is a departure from the requirements specified in the bidding document.
 - (b) “Reservation” is the setting of limiting conditions or withholding from complete acceptance of the requirements specified in the bidding document; and
- 28.2 “Omission” is the failure to submit part or all of the information or documentation required in the bidding document.
- 29. Nonconformities, Errors and Omissions**
 - 29.1 Provided that a Bid is substantially responsive, the Purchaser may waive any nonconformities in the Bid.
 - 29.2 Provided that a Bid is substantially responsive, the Purchaser may request that the Bidder submit the necessary information or documentation, within a reasonable period of time, to rectify nonmaterial nonconformities or omissions in the Bid related to documentation requirements. Such omission shall not be related to any aspect of the price of the Bid. Failure of the Bidder to comply with the request may result in the rejection of its Bid.

G. Evaluation of Technical Parts of Bids

- 30. Evaluation of Technical Parts**
 - 30.1 In evaluating the Technical Parts of each Bid, the Purchaser shall use the criteria and methodologies listed in ITB 31, ITB 32, the BDS, if applicable, and Section III, Evaluation and Qualification Criteria. No other evaluation criteria or methodologies shall be permitted.
- 31. Determination of Responsiveness**
 - 31.1 The Purchaser’s determination of a Bid’s responsiveness is to be based on the contents of the Bid itself, as defined in ITB 11. A substantially responsive Bid is one that meets the requirements of the bidding document without material deviation, reservation, or omission. A material deviation, reservation, or omission is one that:
 - (a) if accepted, would:

- (i) affect in any substantial way the scope, quality, or performance of the Goods and Related Services specified in the Contract; or
- (ii) limit in any substantial way, inconsistent with the bidding document, the Purchaser's rights or the Bidder's obligations under the Contract; or
- (b) if rectified, would unfairly affect the competitive position of other Bidders presenting substantially responsive Bids.

31.2 The Purchaser shall examine the technical aspects of the Bid submitted in accordance with ITB 16 and ITB 17, in particular, to confirm that all requirements of Section VII, Schedule of Requirements have been met without any material deviation or reservation, or omission.

31.3 If a Bid is not substantially responsive to the requirements of bidding document, it shall be rejected by the Purchaser and may not subsequently be made responsive by correction of the material deviation, reservation, or omission.

32. Qualification of the Bidders and Detailed Evaluation of the Technical Part

32.1 The Purchaser shall determine, to its satisfaction, whether all eligible Bidders, whose Bids have been determined to be substantially responsive to the bidding document, meet the Qualification Criteria specified in Section III, Evaluation and Qualification Criteria.

32.2 The determination shall be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the Bidder, pursuant to ITB 17. The determination shall not take into consideration the qualifications of other firms such as the Bidder's subsidiaries, parent entities, affiliates, subcontractors (other than specialized subcontractors if permitted in the bidding document), or any other firm different from the Bidder.

32.3 Prior to Contract award, the Purchaser will verify that the successful Bidder (including each member of a JV) is not disqualified by the Bank due to noncompliance with contractual SEA/SH

prevention and response obligations. The Purchaser will conduct the same verification for each subcontractor proposed by the successful Bidder. If any proposed subcontractor does not meet the requirement, the Purchaser will require the Bidder to propose a replacement subcontractor.

- 32.4 Only substantially responsive bids submitted by eligible and qualified bidders shall proceed to the detailed technical evaluation to assess adequacy of the Technical Part followed by evaluation applying technical factors/subfactors and corresponding scores and weightings as specified in the BDS.

H. Notification of Evaluation of Technical Parts and Public Opening of Financial Parts of Bids

33. Notification of Evaluation of Technical Parts and Public Opening of Financial Parts

- 33.1 Following the completion of the evaluation of the Technical Parts of the Bids, and the Bank has issued its no objection (if applicable), the Purchaser shall notify in writing those Bidders who have failed to meet the Qualification Criteria and/or whose Bids were considered non-responsive to the requirements in the bidding document, advising them of the following information:

- (a) the grounds on which their Technical Part of Bid failed to meet the requirements of the bidding document;
- (b) their envelope marked “FINANCIAL PART” will be returned to them unopened after the completion of the bid evaluation process and the signing of the Contract;
- (c) notify them of the date, time and location of the public opening of the envelopes marked “FINANCIAL PART”.

- 33.2 The Purchaser shall, simultaneously, notify in writing those Bidders whose Technical Parts have been evaluated as substantially responsive to the bidding document and met the Qualification Criteria, advising them of the following information:

- (a) their Bid has been evaluated as substantially responsive to the bidding

document and met the Qualification Criteria; and

- (b) their envelope marked “FINANCIAL PART” will be opened at the public opening of Financial Parts;
- (c) notify them of the date, time and location of the public opening of the envelopes marked “FINANCIAL PART”.

33.3 The opening date shall be not less than ten (10) Business Days from the date of notification of the results of the technical evaluation, specified in ITB 33.1 and 33.2. However, if the Purchaser receives a complaint on the results of the technical evaluation within the ten (10) Business Days, the opening date shall be subject to ITB 50.1. The Financial Part of the Bid shall be opened publicly in the presence of Bidders’ designated representatives and anyone who chooses to attend.

33.4 At this public opening the Financial Parts will be opened by the Purchaser in the presence of Bidders, or their designated representatives and anyone else who chooses to attend. Bidders who met the Qualification Criteria and whose Bids were evaluated as substantially responsive will have their envelopes marked “FINANCIAL PART” opened at the second public opening. Each of these envelopes marked “FINANCIAL PART” shall be inspected to confirm that they have remained sealed and unopened. These envelopes shall then be opened by the Purchaser. The Purchaser shall read out the names of each Bidder, the technical score and the total Bid prices, per lot (contract) if applicable, including any discounts and Alternative Bid - Financial Part, and any other details as the Purchaser may consider appropriate.

33.5 Only envelopes of Financial Part of Bids, Financial Parts of Alternative Bids and discounts that are opened and read out at Bid opening shall be considered further for evaluation. The Letter of Bid - Financial Part and the Price Schedules are to be initialed by a representative of the Purchaser attending the Bid opening in the manner specified **in the BDS**.

- 33.6 The Purchaser shall neither discuss the merits of any Bid nor reject any envelopes marked “FINANCIAL PART”.
- 33.7 The Purchaser shall prepare a record of the Financial Part of the Bid opening that shall include, as a minimum:
- (a) the name of the Bidder whose Financial Part was opened;
 - (b) the Bid price, per lot (contract) if applicable, including any discounts,
 - (c) if applicable, any Alternative Bid - Financial Part.
- 33.8 The Bidders whose envelopes marked “FINANCIAL PART” have been opened or their representatives who are present shall be requested to sign the record. The omission of a Bidder’s signature on the record shall not invalidate the contents and effect of the record. A copy of the record shall be distributed to all Bidders.

I. Evaluation of Financial Parts of Bids

34. Evaluation of Financial Parts

- 34.1 Provided that a Bid is substantially responsive, the Purchaser shall rectify quantifiable nonmaterial nonconformities related to the Bid Price. To this effect, the Bid Price shall be adjusted, for comparison purposes only, to reflect the price of a missing or non-conforming item or component, by adding the average price of the item or component quoted by substantially responsive Bidders. If the price of the item or component cannot be derived from the price of other substantially responsive Bids, the Purchaser shall use its best estimate.
- 34.2 To evaluate the Financial Part of each Bid, the Purchaser shall consider the following:
- (a) evaluation will be done for Items or Lots (contracts), as specified **in the BDS**; and the Bid Price as quoted in accordance with ITB 14;
 - (b) price adjustment for correction of arithmetic errors in accordance with ITB 35.1;

- (c) price adjustment due to discounts offered in accordance with ITB 14.4;
 - (d) converting the amount resulting from applying (a) to (c) above, if relevant, to a single currency in accordance with ITB 36;
 - (e) price adjustment due to quantifiable nonmaterial nonconformities in accordance with ITB 34.1; and
 - (f) the additional evaluation factors specified in Section III, Evaluation and Qualification Criteria.
- 34.3 The estimated effect of the price adjustment provisions of the Conditions of Contract, applied over the period of execution of the Contract, shall not be taken into account in Bid evaluation.
- 34.4 If this bidding document allows Bidders to quote separate prices for different lots (contracts), each lot will be evaluated separately to determine the Most Advantageous Bid using the methodology specified in Section III, Evaluation and Qualification Criteria. **Discounts that are conditional on the award of more than one lot or slice shall not be considered for Bid evaluation.**
- 34.5 The Purchaser's evaluation of a Bid will exclude and not take into account:
- (a) in the case of Goods manufactured in the Purchaser's Country, sales and other similar taxes, which will be payable on the goods if a contract is awarded to the Bidder;
 - (b) in the case of Goods manufactured outside the Purchaser's Country, already imported or to be imported, customs duties and other import taxes levied on the imported Good, sales and other similar taxes, which will be payable on the Goods if the contract is awarded to the Bidder;
 - (c) any allowance for price adjustment during the period of execution of the contract, if provided in the Bid.
- 34.6 The Purchaser's evaluation of a Bid may require the consideration of other factors, in addition to the Bid price quoted in accordance with ITB 14.

These factors may be related to the characteristics, performance, and terms and conditions of purchase of the Goods and Related Services. The effect of the factors selected, if any, shall be expressed in monetary terms to facilitate comparison of Bids, unless otherwise specified **in the BDS** from amongst those set out in Section III, Evaluation and Qualification Criteria. The criteria and methodologies to be used shall be as specified in ITB 34.2 (f).

35. Correction of Arithmetic Errors

35.1 In evaluating the Financial Part of each Bid, the Purchaser shall correct arithmetic errors on the following basis:

- (a) if there is a discrepancy between the unit price and the line item total that is obtained by multiplying the unit price by the quantity, the unit price shall prevail and the line item total shall be corrected, unless in the opinion of the Purchaser there is an obvious misplacement of the decimal point in the unit price, in which case the line item total 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 subtotals, the subtotals shall prevail and the total shall be corrected; and
- (c) if there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to (a) and (b) above.

35.2 Bidders shall be requested to accept correction of arithmetic errors. Failure to accept the correction in accordance with ITB 35.1, shall result in the rejection of the Bid.

36. Conversion to Single Currency

36.1 For evaluation and comparison purposes, the currency(ies) of the Bids shall be converted in a single currency as specified **in the BDS**.

- 37. Margin of Preference** 37.1 Unless otherwise specified **in the BDS**, a margin of preference shall not apply.
- 38. Comparison of Financial Parts** 38.1 The Purchaser shall compare the evaluated costs of the Bids to determine the Bid that has the lowest evaluated cost. The comparison shall be on the basis of CIP (place of final destination) prices for imported goods and EXW prices, plus cost of inland transportation and insurance to place of destination, for goods manufactured within the Borrower's country, together with prices for any required installation, training, commissioning and other services. The evaluation of prices shall not take into account custom duties and other taxes levied on imported goods quoted CIP and sales and similar taxes levied in connection with the sale or delivery of goods.
- 39. Abnormally Low Bids** 39.1 An Abnormally Low Bid is one where the Bid price, in combination with other elements of the Bid, appears so low that it raises material concerns with the Purchaser as to the capability of the Bidder to perform the Contract for the offered Bid Price.
- 39.2 In the event of identification of a potentially Abnormally Low Bid, the Purchaser shall seek written clarification from the Bidder, including a detailed price analyses of its Bid price in relation to the subject matter of the contract, scope, delivery schedule, allocation of risks and responsibilities and any other requirements of the bidding document.
- 39.3 After evaluation of the price analyses, in the event that the Purchaser determines that the Bidder has failed to demonstrate its capability to perform the contract for the offered Bid price, the Purchaser shall reject the Bid.

J. Evaluation of Combined Technical and Financial Parts, Most Advantageous Bid and Notification of Intention to Award

- 40. Evaluation of combined Technical and Financial Parts** 40.1 The Purchaser's evaluation of responsive Bids will take into account technical factors, in addition to cost factors in accordance with Section III

Evaluation and Qualification Criteria. The weight to be assigned for the Technical factors and cost is specified **in the BDS**. The Purchaser will rank the Bids based on the evaluated Bid score (B).

- 40.2 The Purchaser will determine the Most Advantageous Bid. The Most Advantageous Bid is the Bid of the Bidder that meets the Qualification Criteria and whose Bid has been determined to be substantially responsive to the Bidding document and is the Bid with the highest combined technical and financial score.

41. Purchaser's Right to Accept Any Bid, and to Reject Any or All Bids

- 41.1 The Purchaser reserves the right to accept or reject any Bid, and to annul the Bidding process and reject all Bids at any time prior to Contract Award, without thereby incurring any liability to Bidders. In case of annulment, all Bids submitted and specifically, Bid securities, shall be promptly returned to the Bidders.

42. Standstill Period

- 42.1 The Contract shall not be awarded earlier than the expiry of the Standstill Period. The Standstill Period shall be ten (10) Business Days unless extended in accordance with ITB 47. The Standstill Period commences the day after the date the Purchaser has transmitted to each Bidder the Notification of Intention to Award the Contract. Where only one Bid is submitted, or if this contract is in response to an emergency situation recognized by the Bank, the Standstill Period shall not apply.

43. Notification of Intention to Award

- 43.1 The Purchaser shall send to each Bidder (that has not already been notified that it has been unsuccessful) the Notification of Intention to Award the Contract to the successful Bidder. The Notification of Intention to Award shall contain, at a minimum, the following information:
- (a) the name and address of the Bidder submitting the successful Bid;
 - (b) the Contract price of the successful Bid;
 - (c) the total combined score of the successful Bidder;

- (d) the names of all Bidders who submitted Bids, and their Bid prices as readout, and as evaluated and technical scores;
- (e) a statement of the reason(s) the Bid (of the unsuccessful Bidder to whom the notification is addressed) was unsuccessful;
- (f) the expiry date of the Standstill Period;
- (g) instructions on how to request a debriefing and/or submit a complaint during the standstill period.

K. Award of Contract

44. Award Criteria

- 44.1 Subject to ITB 41, the Purchaser shall award the Contract to the successful Bidder. This is the Bidder whose Bid has been determined to be the Most Advantageous Bid as specified in ITB 40.

45. Purchaser's Right to Vary Quantities at Time of Award

- 45.1 At the time the Contract is awarded, the Purchaser reserves the right to increase or decrease the quantity of Goods and Related Services originally specified in Section VII, Schedule of Requirements, provided this does not exceed the percentages **specified in the BDS**, and without any change in the unit prices or other terms and conditions of the Bid and the bidding document.

46. Notification of Award

- 46.1 Prior to the date of expiry of the Bid validity and upon expiry of the Standstill Period, specified in ITB 42.1 or any extension thereof, and upon satisfactorily addressing any complaint that has been filed within the Standstill Period, the Purchaser shall notify the successful Bidder, in writing, that its Bid has been accepted. The notification of award (hereinafter and in the Contract Forms called the "Letter of Acceptance") shall specify the sum that the Purchaser will pay the Supplier in consideration of the execution of the Contract (hereinafter and in the Conditions of Contract and Contract Forms called "the Contract Price").
- 46.2 Within ten (10) Business Days after the date of transmission of the Letter of Acceptance, the Purchaser shall publish the Contract Award

Notice which shall contain, at a minimum, the following information:

- (a) name and address of the Purchaser;
- (b) name and reference number of the contract being awarded, and the selection method used;
- (c) names of all Bidders that submitted Bids, and their Bid prices as read out at Bid opening, and as evaluated;
- (d) names of all Bidders whose Bids were rejected either as nonresponsive or as not meeting qualification criteria, or were not evaluated, with the reasons therefor;
- (e) the name of the successful Bidder, the final total contract price, the contract duration and a summary of its scope; and
- (f) successful Bidder's Beneficial Ownership Disclosure Form.

46.3 The Contract Award Notice shall be published on the Purchaser's website with free access if available, or in at least one newspaper of national circulation in the Purchaser's Country, or in the official gazette.

46.4 Until a formal Contract is prepared and executed, the Letter of Acceptance shall constitute a binding Contract.

47. Debriefing by the Purchaser

47.1 On receipt of the Purchaser's Notification of Intention to Award referred to in ITB 43.1, an unsuccessful Bidder has three (3) Business Days to make a written request to the Purchaser for a debriefing. The Purchaser shall provide a debriefing to all unsuccessful Bidders whose request is received within this deadline.

47.2 Where a request for debriefing is received within the deadline, the Purchaser shall provide a debriefing within five (5) Business Days, unless the Purchaser decides, for justifiable reasons, to provide the debriefing outside this timeframe. In that case, the standstill period shall automatically be extended until five (5) Business Days after such debriefing is provided. If more than one debriefing is so delayed, the standstill period

shall not end earlier than five (5) Business Days after the last debriefing takes place. The Purchaser shall promptly inform, by the quickest means available, all Bidders of the extended standstill period

- 47.3 Where a request for debriefing is received by the Purchaser later than the three (3) Business Day deadline, the Purchaser should provide the debriefing as soon as practicable, and normally no later than fifteen (15) Business Days from the date of publication of Public Notice of Award of contract. Requests for debriefing received outside the three (3) day deadline shall not lead to extension of the standstill period.
- 47.4 Debriefings of unsuccessful Bidders may be done in writing or verbally. The Bidders shall bear their own costs of attending such a debriefing meeting.

48. Signing of Contract

- 48.1 The Purchaser shall send to the successful Bidder the Letter of Acceptance including the Contract Agreement, and a request to submit the Beneficial Ownership Disclosure Form providing additional information on its beneficial ownership. The Beneficial Ownership Disclosure Form shall be submitted within eight (8) Business Days of receiving this request.
- 48.2 The successful Bidder shall sign, date and return to the Purchaser, the Contract Agreement within twenty-eight (28) days of its receipt.
- 48.3 Notwithstanding ITB 48.2 above, in case signing of the Contract Agreement is prevented by any export restrictions attributable to the Purchaser, to the country of the Purchaser, or to the use of the products/goods, systems or services to be supplied, where such export restrictions arise from trade regulations from a country supplying those products/goods, systems or services, the Bidder shall not be bound by its Bid, always provided however, that the Bidder can demonstrate to the satisfaction of the Purchaser and of the Bank that signing of the Contract Agreement has not been prevented by any lack of diligence on the part of the Bidder in completing any formalities, including applying for permits, authorizations and licenses

necessary for the export of the products/goods, systems or services under the terms of the Contract.

49. Performance Security

- 49.1 Within twenty-eight (28) days of the receipt of the Letter of Acceptance from the Purchaser, the successful Bidder, if required, shall furnish the Performance Security in accordance with the GCC 18 using for that purpose the Performance Security Form included in Section X, Contract Forms, or another Form acceptable to the Purchaser. If the Performance Security furnished by the successful Bidder is in the form of a bond, it shall be issued by a bonding or insurance company that has been determined by the successful Bidder to be acceptable to the Purchaser. A foreign institution providing a bond shall have a correspondent financial institution located in the Purchaser's Country, unless the Purchaser has agreed in writing that a correspondent financial institution is not required.
- 49.2 Failure of the successful Bidder to submit the above-mentioned Performance Security or sign the Contract shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid Security. In that event the Purchaser may award the Contract to the Bidder offering the Most Advantageous Bid.

50. Procurement Related Complaint

- 50.1 The procedures for making a Procurement-related Complaint are as specified in the BDS.

Section II - Bid Data Sheet (BDS)

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

ITB Reference	A. General
ITB 1.1	The reference number of the Request for Bids (RFB) is: PK-SIHPP-544131-GO-RFB The Purchaser is: Program Director, Project Management Unit (PMU), Sindh Integrated Health and Population Program (SIHPP), Office No. 201, Plot No. 180-C, Al Murtaza Commercial Lane 2, Phase-VIII DHA, Karachi The name of the RFB is “Procurement of Medical, Biomedical, Surgical, and Other Related Equipment (Phase 1) for Various Health Facilities across Sindh, Pakistan” The number and identification of lots (contracts) comprising this RFB is • Lot 1: Medical Equipment • Lot 2: Biomedical Equipment • Lot 3: Specialized Medical Equipment

ITB 2.1	The Borrower is Islamic Republic of Pakistan, represented by the Government of Sindh, Department of Health. Loan or Financing Agreement amount: USD 250 million (including USD 200 million from the World Bank (IDA) and USD 50 million from the Islamic Development Bank (IsDB) as co-financing, USD 30 million as Government of Sindh's share) The name of the Project is: Sindh Human Capital Investment:1000 Days Sindh Integrated Health and Population Program (SIHPP)
ITB 4.1	Maximum number of members in the Joint Venture (JV) shall be: Three (3) only .
ITB 4.5	A list of debarred firms and individuals is available on the Bank's external website: http://www.worldbank.org/debarr .
	B. Contents of Bidding Document
ITB 7.1	For <u>Clarification of Bid purposes</u> The contact information for requesting clarifications only is: Title: Procurement Specialist Email: ps@sihpp.gos.pk Cc: pd@sihpp.gos.pk Requests for clarification may be requested electronically no later than ten (10) days prior to the submission deadline. Web page: www.sihpp.gos.pk Purchaser's address is: Attention: Program Director SIHPP Address: Office No. 201, Plot No. 180-C, Al Murtaza Commercial Lane 2, Phase-VIII DHA, Karachi Floor/Room number: 2nd Floor City: Karachi Country: Pakistan
	C. Preparation of Bids
ITB 10.1	The language of the Bid is: English All correspondence exchange shall be in English language. Language for translation of supporting documents and printed literature is English.

ITB 11.2 (i) & 11.3 (d)	The Bidder shall submit the following additional documents in its Bid: Not Applicable
ITB 13.1	Alternative Bids (Technical and Financial Parts) shall not be considered.
ITB 14.5	The prices quoted by the Bidder shall not be subject to adjustment during the performance of the Contract.
ITB 14.6	Prices quoted for each lot (contract) shall correspond at least to 80 percent of the items specified for each lot (contract). Prices quoted shall correspond to 80 percent of the items specified for each lot (contract).
ITB 14.7	The Incoterms edition is: Incoterms 2020 .
ITB 14.8 (a)(iii), (b)(ii) and (c)(v)	Final Destination will be Selected Sindh Government, Health Facilities for Procurement of Medical, Biomedical, Surgical, and Other Related Equipment (Phase 1) for Various Health Facilities across Sindh, Pakistan located in various districts of Sindh, Pakistan, as detailed in Annex-A. The Supplier shall be responsible for inland transportation, delivery to site, unloading, installation, testing, and commissioning of the Goods at these final destinations.
ITB 14.8 (b)(i)	Place of Destination: The Place of Destination shall be Karachi Port / Karachi Airport, Pakistan . Under CIP (Incoterms® 2020) , the Supplier shall arrange and pay for carriage and insurance up to this point.



ITB 15.1	The Bidders are required to quote in the currency of the Purchaser's Country the portion of the Bid price that corresponds to expenditures incurred in that currency.
ITB 16.4	Period of time the Goods are expected to be functioning (for the purpose of spare parts): 3 (Three) Years .
ITB 17.2 (a)	Manufacturer's authorization is required. The Bidders must submit the Manufacturer's authorization for the following lot: • Lot 1: Medical Equipment • Lot 2: Biomedical Equipment • Lot 3: Specialized Medical Equipment Note: The authorization issued by manufacturer or authorized dealer/ importer will be accepted, after due verification(s) by the procuring agency.
ITB 17.2 (b)	After sales service / warranty is required. Annual Maintenance Services would be supported for a minimum period of three (3) years after delivery and acceptance and goods at site.
ITB 18.1	The Bid shall be valid until 120 (One Hundred Twenty) Days from the date of submission of the bid.
ITB 18.3 (a)	The Bid price shall be adjusted by the following factor(s): N/A
ITB 19.1	A Bid Security shall not be required. A Bid-Securing Declaration shall be required
ITB 19.2	A Bid Securing Declaration shall use the form included in Section IV, Bidding Forms. Failure to submit a substantially responsive Bid-Securing Declaration with the Bid <u>shall result in rejection of the Bid</u> . If a Bidder withdraws its Bid during the period of Bid validity, fails to accept the correction of arithmetic errors, or, if awarded the Contract, fails to sign the Contract Agreement or furnish the required Performance Security within the specified period, the Bidder shall be subject to the sanctions specified in the Bid-Securing Declaration in accordance with the provisions of the Bidding Document.
ITB 19.3 (d)	Other types of acceptable securities: None .
ITB 20.3	The written confirmation of authorization to sign on behalf of the Bidder shall consist of: A Power of Attorney, duly notarized, issued by the competent authority of the Bidder's organization, authorizing the signatory to sign the Bid.
D. Submission of Bids	

ITB 21.2	In addition to the original of the Bid, the number of copies is: One The Bidders shall also submit the PDF copy of the entire Technical Bid in Technical Proposal envelope and word/excel copy of the financial parts of Bid in financial proposal envelope in a USB device. In case of inconsistency hard copy will prevail. Note: Make sure Financial copy is placed in Financial Envelope
ITB 22.1	For <u>Bid submission purposes</u> only, the Purchaser's address is: Bidders shall not have the option of submitting their Bids electronically Attention: Program Director, Sindh Integrated Health and Population Program (SIHPP) Street Address: Office No. 201, Plot No. 180-C, Al Murtaza Commercial Lane 2, Phase-VIII, DHA, Karachi Floor/ Room number: 2nd Floor City: Karachi ZIP/Postal Code: 75500 Country: Pakistan The deadline for Bid submission is: Date: 05 November 2026 Time: 14:00 PST Bidders shall not have the option of submitting their Bids electronically
E. Public Opening of Technical Parts of Bids	
ITB 25.1	The Bid opening shall take place at: Street Address: (SIHPP), Office No. 201, Plot No. 180-C, Al Murtaza Commercial Lane 2, Phase VIII, DHA Karachi Floor/ Room number: 2nd Floor City: Karachi ZIP/Postal Code: 75500 Country: Pakistan Date: 05 November 2026 Time: Immediately after the deadline for submission of bids.
ITB 25.6	The Letter of Bid - Technical Part and the sealed envelope marked "Second Envelope - Financial Part" shall be initialed by initialed by 3 (Three) representatives of the Purchaser conducting Bid opening.
G. Evaluation of Technical Parts of Bids	

ITB 32.4

Only substantially responsive bids submitted by eligible and qualified bidders shall proceed to the detailed technical evaluation to assess adequacy of the Technical Part followed by evaluation applying technical factors/subfactors and corresponding scores and weightings as specified in the BDS

Technical Evaluation Criteria and Scoring:

The technical evaluation will be based on a set of predefined factors and sub-factors, with corresponding scores assigned as outlined in the table below. To qualify for the next stage of the procurement process, bidders must achieve a minimum of 60% of the total technical score.

Only bidders who obtain an aggregate technical score of 60% or higher will proceed to the financial evaluation stage. Bidders who fail to achieve the minimum threshold will be deemed Technically Non-Responsive and their bids will not be considered further.

The technical evaluation will account for 30% of the total combined evaluation score, with the remaining 70% allocated to the financial evaluation.

#	Evaluation Factor	Sub-Factor	Weight (%)
1	Technical and Functional Performance	Clinical Specs, IEC/ISO or Equivalent Standards, Energy efficiency	30
2	Reliability & Product Quality	MTBF, Design Life, Material	15
3	After-Sales Support & Local Service Infrastructure		25
4	Training & Capacity Building Plan		20
5	Sustainability / Environmental Considerations		10

H. Notification of Evaluation of Technical Parts and Public Opening of Financial Parts of Bids

ITB 33.5

The Letter of Bid – Financial Part and the Price Schedules shall be initialed by 3 (Three) representatives of the Purchaser conducting Bid opening.

I. Evaluation of Financial Part of Bids

ITB 34.2(a)

Evaluation will be done lot by lot (contracts)

Note:

“Bids will be evaluated lot by lot. If a Price Schedule shows items listed but not priced, their prices shall be assumed to be included in the prices of other items. An item not listed in the Price Schedule shall be assumed to be not included in the Bid, and provided that the

	Bid is substantially responsive, the average price of the item quoted by substantially responsive Bidders will be added to the Bid price and the equivalent total cost of the Bid so determined will be used for price comparison.”
ITB 34.6	The adjustments shall be determined using the following criteria, from amongst those set out in Section III, Evaluation and Qualification Criteria (a) Deviation in Delivery Schedule. No. (b) Deviation in Payment Schedule. No. No adjustment shall be made. Payment terms shall be as specified in the Contract and no alternative payment schedules shall be considered. (c) Cost of Major Replacement Components, Mandatory Spare Parts, and Related Services. No. (d) Availability of Spare Parts and After Sales Services in the Purchaser’s Country. No (e) Life Cycle Costs. No. Life cycle costing shall not be applied for this procurement. (f) Performance and Functional Characteristics of the Goods Offered. No. (g) Other Specific Evaluation Factors. No
ITB 36.1	The currency that shall be used for Bid evaluation and comparison purposes, to convert at the selling exchange rate all Bid prices expressed in various currencies into a single currency, is: Pakistani Rupee (PKR). The source of the exchange rate shall be State Bank of Pakistan (SBP). The date for the exchange rate shall be: 28 days prior to the deadline for submission of bids.
ITB 37.1	A margin of domestic preference shall not apply.
J. Evaluation of Combined Technical and Financial Parts and Most Advantageous Bid	
ITB 40.1	The weight to be given for cost is: Thirty (30) Percent.
J. Award of Contract	
ITB 45.1	The maximum percentage by which quantities may be increased and decreased is: 15% The maximum percentage by which quantities may be increase and decreased is: 15%

ITB 50.1	The procedures for making a Procurement-related Complaint are detailed in the “Procurement Regulations for IPF Borrowers (Annex III).” If a Bidder wishes to make a Procurement-related Complaint, the Bidder should submit its complaint following these procedures, in writing (by the quickest means available, that is either by email or fax), to: For the attention: Mr. Tahir Sangi Title/position: Secretary, Health Department, Government of Sindh Purchaser: Sindh Integrated Health and Population Project (SIHPP), Health Department, Government of Sindh Email address: tahirsangi11@gmail.com A copy of the complaint can be sent for the Bank’s information and monitoring to: pprocurementcomplaints@worldbank.org In summary, a Procurement-related Complaint may challenge any of the following: 1. the terms of the Bidding Documents. 2. the Purchaser’s decision to exclude a Bidder from the procurement process prior to the award of contract; and 3. the Purchaser’s decision to award the contract.
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Section III - Evaluation and Qualification Criteria

This Section contains the criteria that the Purchaser shall use to evaluate Bids and qualify the Bidders. No other factors, methods or criteria shall be used other than specified in this bidding document.



TECHNICAL PART

I. Qualification

Qualification Criteria (ITB 32.1)

The Purchaser shall assess each Bid against the following Qualification Criteria. Requirements not included in the text below shall not be used in the evaluation of the Bidder's qualifications.

(a) Financial Capability

The Bidder shall submit audited financial statements for the last three (3) years preceding the bid submission deadline. Where audited statements are not required by law in the Bidder's country, other financial statements acceptable to the Purchaser may be submitted. The financial statements shall demonstrate the current soundness of the Bidder's financial position. In the case of a Joint Venture, this requirement shall be met by each member.

(b) Specific Experience:

Lot 1 – Medical Equipment

The Bidder shall demonstrate that it has successfully completed at least One (1) contract within the last five (5) years prior to the bid submission deadline, with a minimum value of **Pakistani Rupees Nine Hundred Fifty Million (PKR 950,000,000)** or equivalent in a freely convertible currency or 2 (two) contracts each with a value of Pakistani Rupees Four Hundred Seventy Million (PKR 470,000,000). These contracts must have been successfully and substantially completed and shall be similar in nature and complexity to the supply, installation, and commissioning of biomedical and medical equipment.

For a Joint Venture (JV), this requirement may be met by all members combined.

Lot 2 – Biomedical Equipment

The Bidder shall demonstrate that it has successfully completed at least One (1) contract within the last five (5) years prior to the bid submission deadline, with a minimum value of **Pakistani Rupees Eight Hundred Million (PKR 800,000,000)** or equivalent in a freely convertible currency or 2 (two) contracts each with a value of Pakistani Rupees Four Hundred Million (PKR 400,000,000). These contracts must have been successfully and substantially completed and shall be similar in nature and complexity to the supply, installation, and commissioning of biomedical and medical equipment.

For a Joint Venture (JV), this requirement may be met by all members combined.

Lot 3 – Specialized Medical Equipment

The Bidder shall demonstrate that it has successfully completed at least One (1) contract within the last five (5) years prior to the bid submission deadline, with a minimum value of **Pakistani Rupees Nine Hundred Million (PKR 900,000,000)** or equivalent in a freely convertible currency or 2 (two) contracts each with a value of Pakistani Rupees Four Hundred Fifty Million (PKR 450,000,000). These contracts must have been successfully and substantially completed and shall



be similar in nature and complexity to the supply, installation, and commissioning of biomedical and medical equipment.

For a Joint Venture (JV), this requirement may be met by all members combined.

For Multiple Lots

In case a Bidder applies for multiple lots, the experience requirement shall be cumulative, and the Bidder shall demonstrate experience meeting the combined minimum value requirements for the lots under consideration.

(c) **Documentary Evidence:** The Bidder shall provide documentary evidence demonstrating that the Goods offered meet the following requirements.

- Designed for use in primary or secondary health care facilities
- Certified in accordance with applicable international standards such as ISO, CE, FDA or as other required in technical specifications.
- Suitable for local environmental, climatic, and operational conditions

(d) **Manufacturing experience and Technical Capacity:** For the items under the Contract that the bidder is a manufacturer, the Bidder shall furnish documentary evidence to demonstrate that:

- i. It has manufactured goods of similar nature and complexity for at least **five (5) years**, prior to the bid submission deadline; and
- ii. its annual production capacity of goods of similar nature and complexity for each of the last five (5) years prior to the bid submission deadline is at least **two (2)** times the quantities specified under the contract.

(e) **Manufacturer's authorization:** Where Manufacturer's Authorization is required in accordance with BDS ITB 17.2(a), a Bidder that does not manufacture the Goods shall submit a valid Manufacturer's Authorization Form, as provided in Section IV, Bidding Forms. The authorization shall be issued by the manufacturer or an authorized importer within the Borrower's country and shall confirm compliance with the manufacturing experience and technical capacity requirements specified under paragraph (d)(i) and (d)(ii).

(f) **Compliance with minimum technical specifications:** The Bidder shall demonstrate that all offered goods fully comply with the minimum technical specifications provided in Section VI (Schedule of Requirements / Technical Specifications). Compliance shall be confirmed through the Technical Proposal, manufacturer's datasheets, brochures, and other supporting documentation. Any deviation from the required specifications shall be clearly identified and may result in rejection of the bid if found material or non-responsive

(g) **Compliance with international standards (ISO, IEC, CE, FDA, other or equivalent as required in technical specifications):** The Bidder shall ensure that the offered goods comply with applicable international standards relevant to the equipment type. These may include ISO (International Organization for Standardization), IEC (International Electrotechnical Commission), CE Marking (European Conformity), U.S. FDA approval, and WHO Prequalification (WHO PQ), where applicable. Documentary evidence such as certificates, approvals, or manufacturer declarations must be provided to demonstrate compliance.

- (h) **Manufacturer / Supplier quality management system (ISO 9001 / other or equivalent):** The manufacturer and/or supplier shall have a recognized Quality Management System in place, preferably certified under ISO 9001 or an equivalent internationally accepted standard. The Bidder shall submit valid certification or equivalent evidence demonstrating that the manufacturing and supply processes follow consistent quality control procedures ensuring reliability, safety, and performance of the equipment.
- (i) **Warranty coverage (duration and comprehensiveness):** The Bidder shall provide a clear warranty for all supplied goods, specifying the duration, which shall be no less than the minimum period stated in the bidding document. The warranty shall cover repair or replacement of defective parts, manufacturing faults, and performance failures under normal use conditions. The warranty should also include response time for service support, availability of spare parts, and after-sales service arrangements, ensuring uninterrupted functionality of the equipment during the warranty period.
- (j) **A bidder who does not manufacture an item/s** where a manufacturer authorization is not required in accordance with BDS ITB 17.2 (a), the bidder shall submit documentation on, its status as a supplier, to the satisfaction of the Purchaser (e.g. authorized dealer/ distributor of the items).
- (k) **At the time of Contract Award**, the Bidder (including each subcontractor proposed by the Bidder) shall not be subject to disqualification by the Bank for non-compliance with SEA/ SH obligations.

2 Technical Evaluation (ITB 32.4)

(a) Technical Responsiveness

Bidders have to meet the minimum technical proposals requirements provided in the bidding documents on a pass/fail criterion prior to being considered for technical evaluation by applying the scored technical factors/sub factors in accordance with BDS ITB 32.4. This will include an assessment of the Bidder's responsiveness to the technical requirements stipulated in "Section VII (Schedule of Requirements)".

(b) Rated Criteria

The Rated Criteria (including technical and non-price factors, and sub factors if any), to be evaluated, and the scores to be given to each factor and sub factor are specified in the BDS ITB 32.4.

Below is a comprehensive scoring methodology for the technical evaluation of bids.

Score	Description
0	Non-compliant: The requirement is not met, and no relevant information is provided to demonstrate compliance.
1	Minor Deficiencies: The requirement is met, but there are notable deficiencies, or insufficient information is provided to fully demonstrate compliance.
2	Meets Minimum Requirement: The requirement is adequately met with sufficient documentation and details. This corresponds to meeting the minimum requirements.
3	Exceeds Minimum: The requirement is met with additional features, or the solution goes beyond the expected minimum.
4	Significantly Exceeds: The solution exceeds the requirement significantly and offers substantial value-add or innovation.

The score for each sub- factor (i) within a factor (j) will be combined with the scores of sub-factors in *the* same factor as a weighted sum to form the Factor Technical Score using the following formula:

$$S_j \equiv \sum_{i=1}^k t_{ji} * w_{ji}$$

where:

t_{ji} = the technical score for sub- factor “i” in factor “j”,

w_{ji} = the weight of sub- factor “i” in factor “j”,

k = the number of scored sub-factors in factor “j”, and

$$\sum_{i=1}^k w_{ji} = 1$$

The Factor Technical Scores will be combined in a weighted sum to form the total Technical Bid Score using the following formula:

$$T \equiv \sum_{j=1}^n S_j * W_j$$

where:

S_j = the Factor Technical Score of factor “j”,

W_j = the weight of factor “j” as specified **in the BDS**,

n = the number of Factors, and

$$\sum_{j=1}^n W_j = 1$$

FINANCIAL PART

1. Margin of Preference (ITB 37) – Not Applicable

2. Evaluation Criteria (ITB 34.6)

The Purchaser shall use the criteria and methodologies listed in this Section to evaluate the Financial Part.

The Purchaser's evaluation of the Financial Part will consider, in addition to the Bid Price, the following factor as **specified in BDS ITB 34.6**, using the following criteria and methodologies

- (a) Delivery schedule. (As per Incoterms specified in the BDS) ----**Not Applicable.**
- (b) Deviation in payment schedule----**Not Applicable.**
- (c) Cost of major replacement components, mandatory spare parts, and service-----**Not Applicable.**
- (d) Availability in the Purchaser's Country of spare parts and after sales services for equipment offered in the Bid-----**Not Applicable.**
- (e) Life Cycle Cost-----**Not Applicable.**

Combined Evaluation

The Purchaser will evaluate and compare the Bids that have been determined to be substantially responsive.

The Purchaser's evaluation of responsive Bids will take into account technical factors, in addition to cost factors.

An Evaluated Bid Score (B) will be calculated for each responsive Bid using the following formula (for comparison in percentages), which permits a comprehensive assessment of the Bid price and the technical merits of each Bid:

$$B \equiv \frac{C_{low}}{C} * X * 100 + \frac{T}{T_{high}} * (1 - X) * 100$$

where

C = Evaluated Bid Price

C_{low} = the lowest of all Evaluated Bid Prices among responsive Bids

T = the total Technical Score awarded to the Bid

T_{high} = the Technical Score achieved by the Bid that was scored best among all responsive Bids

X = weight for the Cost as specified in the BDS

The Bid with the best evaluated Bid Score (B) among responsive Bids shall be the Most Advantageous Bid provided the Bidder is qualified to perform the Contract.

Multiple Contracts (ITB 34.4) – Not Applicable

Bidders may participate in One or both Lots and who want to be awarded more than one Lot (contract), should meet the qualification requirements on an aggregate basis for both Lots for which they are bidding as further defined in the Bidding document. Bidders wishing to offer discounts in case they are awarded more than one Lot (contract) will be allowed to do so, provided those discounts are included in the Letter of Bid. However, discounts that are conditional on the award of more than one lot will not be considered for bid evaluation purpose.

Alternative Bids (ITB 13.1) – Not Applicable

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Letter of Bid – Technical Part

INSTRUCTIONS TO BIDDERS: DELETE THIS BOX ONCE YOU HAVE COMPLETED THE DOCUMENT

Place this Letter of Bid in the first envelope “TECHNICAL PART”.

The Bidder must prepare the Letter of Bid on stationery with its letterhead clearly showing the Bidder’s complete name and business address.

Note: All italicized text in black font is to help Bidders in preparing this form and Bidders shall delete it from the final document.

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

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

Request for Bid No.: *[insert identification]*

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

To: *[insert complete name of Purchaser]*

We, the undersigned Bidder, hereby submit our Bid, in two parts, namely:

- (a) the Technical Part, and
- (b) the Financial Part.

In submitting our Bid we make the following declarations:

- (a) **No reservations:** We have examined and have no reservations to the bidding document, including addenda issued in accordance with Instructions to Bidders (ITB 8);
- (b) **Eligibility:** We meet the eligibility requirements and have no conflict of interest in accordance with ITB 4;
- (c) **Bid/Proposal-Securing Declaration:** We have not been suspended nor declared ineligible by the Purchaser based on execution of a Bid Securing Declaration or Proposal Securing Declaration in the Purchaser’s country in accordance with ITB 4.7;
- (d) **Sexual Exploitation and Abuse (SEA) and/or Sexual Harassment (SH):** *[select the appropriate option from (i) to (iii) below and delete the others. In case of JV members and/or subcontractors, indicate the status of disqualification by the Bank of each JV member and/or subcontractor].*

We, including any of our subcontractors:

- (i) *[have not been subject to disqualification by the Bank for non-compliance with SEA/ SH obligations.]*
- (ii) *[are subject to disqualification by the Bank for non-compliance with SEA/ SH obligations.]*

- (iii) [had been subject to disqualification by the Bank for non-compliance with SEA/SH obligations, and were removed from the disqualification list. An arbitral award on the disqualification case has been made in our favor.]
- (e) **Conformity:** We offer to supply in conformity with the bidding document and in accordance with the Delivery Schedules specified in the Schedule of Requirements the following Goods: *[insert a brief description of the Goods and Related Services]*;
- (f) **Bid Validity:** Our Bid shall be valid until *[insert day, month and year in accordance with ITB 18.1]*, and it shall remain binding upon us and may be accepted at any time before the expiration of that period;
- (g) **Performance Security:** If our Bid is accepted, we commit to obtain a performance security in accordance with the bidding document;
- (h) **One Bid per Bidder:** We are not submitting any other Bid(s) as an individual Bidder, and we are not participating in any other bid(s) as a Joint Venture member or as a subcontractor, and meet the requirements of ITB 4.3, other than Alternative Bids submitted in accordance with ITB 13;
- (i) **Suspension and Debarment:** We, along with any of our subcontractors, suppliers, consultants, manufacturers, or service providers for any part of the contract, are not subject to, and not controlled by any entity or individual that is subject to, a temporary suspension or a debarment imposed by the World Bank Group or a debarment imposed by the World Bank Group in accordance with the Agreement for Mutual Enforcement of Debarment Decisions between the World Bank and other development banks. Further, we are not ineligible under the Purchaser's country laws or official regulations or pursuant to a decision of the United Nations Security Council;
- (j) **State-owned enterprise or institution:** *[select the appropriate option and delete the other] [We are not a state-owned enterprise or institution] / [We are a state-owned enterprise or institution but meet the requirements of ITB 4.6];*
- (k) **Binding Contract:** We understand that this Bid, together with your written acceptance thereof included in your Letter of Acceptance, shall constitute a binding contract between us, until a formal contract is prepared and executed;
- (l) **Not Bound to Accept:** We understand that you are not bound to accept the lowest evaluated cost Bid, the Most Advantageous Bid or any other Bid that you may receive; and
- (m) **Fraud and Corruption:** We hereby certify that we have taken steps to ensure that no person acting for us, or on our behalf, engages in any type of Fraud and Corruption.

Name of the Bidder: **[insert complete name of Bidder]*

Name of the person duly authorized to sign the Bid on behalf of the Bidder: *** [insert complete name of person duly authorized to sign the Bid]*

Title of the person signing the Bid: *[insert complete title of the person signing the Bid]*

Signature of the person named above: *[insert signature of person whose name and capacity are shown above]*

Date signed *[insert date of signing]* **day of** *[insert month]*, *[insert year]*

*: In the case of the Bid submitted by a Joint Venture specify the name of the Joint Venture as Bidder.

**: Person signing the Bid shall have the power of attorney given by the Bidder. The power of attorney shall be attached with the Bid Schedules.



Technical Part

The technical bid shall include all relevant information required to evaluate the technical Part in accordance with the requirements.

To establish the conformity of the Goods and Related Services to the RFB document, the Bidder shall furnish the documentary evidence that the Goods conform to the technical specifications and standards, including any essential technical and performance characteristics specified in Section VII, Schedule of Requirements. Any required functional guarantees shall also be provided. The attached forms/format may support the Bidder to organize information required to present its technical bid.

The documentary evidence may be in the form of literature, drawings or data, and shall consist of a detailed item by item description of the essential technical and performance characteristics of the Goods and Related Services, demonstrating substantial responsiveness of the Goods and Related Services to the technical specification, and if applicable, a statement of deviations and exceptions to the provisions of the Section VII, Schedule of Requirements.

In the interest of timely bid evaluation and contract award, Bidders are encouraged not to overload the supporting materials with documents that do not directly address the Purchaser's requirements.

Standards for workmanship, process, material, and equipment, as well as references to brand names or catalogue numbers specified by the Purchaser in the Schedule of Requirements, are intended to be descriptive only and not restrictive. The Bidder may offer other standards of quality, brand names, and/or catalogue numbers, provided that it demonstrates, to the Purchaser's satisfaction, that the substitutions ensure substantial equivalence or are superior to those specified in the Section VII, Schedule of Requirements.

The Bidder must include proposed cyber security risks management plan.

The Manufacturer's Authorizations shall be included in accordance with ITB BDS 17.2 (a) and the attached Manufacturer's Authorization form.

Technical Bid Checklist

Technical. Requirement No. _	Technical Requirement: <i>[insert: description of requirement]</i>
Bidder’s technical bid/ compliance:	
Bidder’s cross references to supporting information in the Technical Bid:	



Functional Guarantees

(to be used as applicable)

The Bidder shall copy in the left column of the table below; the identification of each functional guarantee required in the Specification and in the right column, provides the corresponding value for each functional guarantee of the proposed Goods.

Required Functional Guarantee	Value of Functional Guarantee of the Goods
1.	
2.	
3.	
...	

Manufacturer's Authorization

*[The Bidder shall require the Manufacturer to fill in this Form in accordance with the instructions indicated. This letter of authorization should be on the letterhead of the Manufacturer and should be signed by a person with the proper authority to sign documents that are binding on the Manufacturer. The Bidder shall include it in its Bid, if so indicated in the **BDS**.]*

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]*

To: *[insert complete name of Purchaser]*

WHEREAS

We *[insert complete name of Manufacturer]*, who are official manufacturers of *[insert type of goods manufactured]*, having factories at *[insert full address of Manufacturer's factories]*, do hereby authorize *[insert complete name of Bidder]* to submit a Bid the purpose of which is to provide the following Goods, manufactured by us *[insert name and or brief description of the Goods]*, and to subsequently negotiate and sign the Contract.

We hereby extend our full guarantee and warranty in accordance with Clause 28 of the General Conditions of Contract, with respect to the Goods offered by the above firm.

We confirm that we do not engage or employ forced labor or persons subject to trafficking or child labor, in accordance with Clause 14 of the General Conditions of Contract.

Signed: *[insert signature(s) of authorized representative(s) of the Manufacturer]*

Name: *[insert complete name(s) of authorized representative(s) of the Manufacturer]*

Title: *[insert title]*

Dated on _____ day of _____, _____ *[insert date of signing]*



Proforma for Performance Statement

[Please see ITB Clause
36.2 and Section III-
Evaluation and
Qualification Criteria]

Proforma for Performance Statement (for a period of last five years)

Name of the Firm _____

<u>Order placed by (full address of Purchaser)</u>	<u>Order No. and date</u>	<u>Description and quantity of ordered equipment</u>	<u>Value of order</u>	<u>Date of completion of delivery</u>		<u>Remarks indicating reasons for late delivery, if any</u>	<u>Has the equipment been satisfactorily functioning? (Attach a certificate from the Purchaser/Consignee)</u>
				As per contract	Actual		
1	2	3	4	5	6	7	8

Signature and seal of the Bidder _____

Bidder Information Form

[The Bidder shall fill in this Form in accordance with the instructions indicated below. No alterations to its format shall be permitted and no substitutions shall be accepted.]

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

RFB No.: *[insert number of Bidding 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. In case of JV, legal name of each member : <i>[insert legal name of each member in JV]</i>
3. Bidder's actual or intended country of registration: <i>[insert actual or intended country of registration]</i>
4. Bidder's year of registration: <i>[insert Bidder's year of registration]</i>
5. Bidder's Address in country of registration: <i>[insert Bidder's legal address in country of registration]</i>
6. Bidder's Authorized Representative Information Name: <i>[insert Authorized Representative's name]</i> Address: <i>[insert Authorized Representative's Address]</i> Telephone/Fax numbers: <i>[insert Authorized Representative's telephone/fax numbers]</i> Email Address: <i>[insert Authorized Representative's email address]</i>
7. Attached are copies of original documents of <i>[check the box(es) of the attached original documents]</i> ☐ Articles of Incorporation (or equivalent documents of constitution or association), and/or documents of registration of the legal entity named above, in accordance with ITB 4.4. ☐ In case of JV, letter of intent to form JV or JV agreement, in accordance with ITB 4.1. ☐ In case of state-owned enterprise or institution, in accordance with ITB 4.6 documents establishing: • Legal and financial autonomy • Operation under commercial law • Establishing that the Bidder is not under the supervision of the Purchaser

8. Included are the organizational chart, a list of Board of Directors, and the beneficial ownership. The successful Bidder shall provide additional information on beneficial ownership, using the Beneficial Ownership Disclosure Form.

Bidder's JV Members Information Form

[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> ☐ 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. ☐ 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. The successful Bidder shall provide additional information on beneficial ownership for each JV member using the Beneficial Ownership Disclosure Form.

Sexual Exploitation and Abuse (SEA) and/or Sexual Harassment Performance Declaration

[The following table shall be filled in by the Bidder, each member of a Joint Venture and each subcontractor proposed by the Bidder]

Bidder's Name: *[insert full name]*

Date: *[insert day, month,*

year] Joint Venture Member's or Subcontractor's Name:

[insert full name] RFB No. and title: *[insert RFB number and title]*

Page *[insert page number]* of *[insert total number]* pages

SEA and/or SH Declaration in accordance with Section III, Qualification Criteria, and Requirements
We: ☐ (a) have not been subject to disqualification by the Bank for non-compliance with SEA/ SH obligations ☐ (b) are subject to disqualification by the Bank for non-compliance with SEA/ SH obligations ☐ (c) had been subject to disqualification by the Bank for non-compliance with SEA/ SH obligations, and were removed from the disqualification list. An arbitral award on the disqualification case has been made in our favor.
<i>[If (c) above is applicable, attach evidence of an arbitral award reversing the findings on the issues underlying the disqualification.]</i>

Form of Bid Security (Not Applicable)

(Bank Guarantee)

[The bank shall fill in this Bank Guarantee Form in accordance with the instructions indicated.]

[Guarantor letterhead or SWIFT identifier code]

Beneficiary: *[Purchaser to insert its name and address]*

RFB No.: *[Purchaser to insert reference number for the Request for Bids]*

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

Date: *[Insert date of issue]*

BID GUARANTEE No.: *[Insert guarantee reference number]*

Guarantor: *[Insert name and address of place of issue, unless indicated in the letterhead]*

We have been informed that _____ *[insert name of the Bidder, which in the case of a joint venture shall be the name of the joint venture (whether legally constituted or prospective) or the names of all members thereof]* (hereinafter called "the Applicant") has submitted or will submit to the Beneficiary its Bid (hereinafter called "the Bid") for the execution of _____ under Request for Bids No. _____ ("the RFB").

Furthermore, we understand that, according to the Beneficiary's conditions, Bids must be supported by a Bid guarantee.

At the request of the Applicant, we, as Guarantor, hereby irrevocably undertake to pay the Beneficiary any sum or sums not exceeding in total an amount of _____ (_____) upon receipt by us of the Beneficiary's complying demand, supported by the Beneficiary's statement, whether in the demand itself or a separate signed document accompanying or identifying the demand, stating that either the Applicant:

- (a) has withdrawn its Bid prior to the Bid validity expiry date set forth in the Applicant's Letter of Bid, or any extended date provided by the Applicant; or
- (b) having been notified of the acceptance of its Bid by the Beneficiary prior to the expiry date of the Bid validity or any extension thereof provided by the Applicant has failed to:
 - (i) sign the contract agreement, or (ii) furnish the performance security, in accordance with the Instructions to Bidders ("ITB") of the Beneficiary's bidding document.



This guarantee will expire: (a) if the Applicant is the successful Bidder, upon our receipt of copies of the Contract agreement signed by the Applicant and the performance security issued to the Beneficiary in relation to such Contract agreement; or (b) if the Applicant is not the successful Bidder, upon the earlier of (i) our receipt of a copy of the Beneficiary's notification to the Applicant of the results of the Bidding process; or (ii) twenty-eight days after the expiry date of the Bid validity.

Consequently, any demand for payment under this guarantee must be received by us at the office indicated above on or before that date.

This guarantee is subject to the Uniform Rules for Demand Guarantees (URDG) 2010 Revision, ICC Publication No. 758.

[Signature(s)]

Note: All italicized text is for use in preparing this form and shall be deleted from the final product.

Form of Bid Security (Bid Bond) (Not Applicable)

[The Surety shall fill in this Bid Bond Form in accordance with the instructions indicated.]

BOND NO. _____

BY THIS BOND *[name of Bidder]* as Principal (hereinafter called “the Principal”), and *[name, legal title, and address of surety]*, **authorized to transact business in** *[name of country of Purchaser]*, as Surety (hereinafter called “the Surety”), are held and firmly bound unto *[name of Purchaser]* as Obligee (hereinafter called “the Purchaser”) in the sum of *[amount of Bond]*¹ *[amount in words]*, for the payment of which sum, well and truly to be made, we, the said Principal and Surety, bind ourselves, our successors and assigns, jointly and severally, firmly by these presents.

WHEREAS the Principal has submitted or will submit a written Bid to the Purchaser dated the ___ day of _____, 20__, for the supply of *[name of Contract]* (hereinafter called the “Bid”).

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION is such that if the Principal:

- (a) withdraws its Bid prior to the Bid validity expiry date set forth in the Principal’s Letter of Bid, or any extended date provided by the Principal; or
- (b) having been notified of the acceptance of its Bid by the Purchaser prior to the expiry date of the Bid validity or any extension thereto provided by the Applicant has failed to: (i) execute the Contract agreement; or (ii) furnish the Performance Security, in accordance with the Instructions to Bidders (“ITB”) of the Purchaser’s bidding document.

then the Surety undertakes to immediately pay to the Purchaser up to the above amount upon receipt of the Purchaser’s first written demand, without the Purchaser having to substantiate its demand, provided that in its demand the Purchaser shall state that the demand arises from the occurrence of any of the above events, specifying which event(s) has occurred.

The Surety hereby agrees that its obligation will remain in full force and effect up to and including the date 28 days after the date of expiry of the Bid validity set forth in the Principal’s Letter of Bid or any extension thereto provided by the Principal.

IN TESTIMONY WHEREOF, the Principal and the Surety have caused these presents to be executed in their respective names this ___ day of _____ 20__.

¹ The amount of the Bond shall be denominated in the currency of the Purchaser’s country or the equivalent amount in a freely convertible currency.

Principal: _____ Surety: _____

Apply Corporate Seal (where appropriate)

(Signature)

(Printed name and title)

(Signature)

(Printed name and title)





Form of Bid-Securing Declaration

[The Bidder shall fill in this Form in accordance with the instructions indicated.]

Date: *[date (as day, month and year)]*

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

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

To: *[complete name of Purchaser]*

We, the undersigned, declare that:

We understand that, according to your conditions, Bids must be supported by a Bid-Securing Declaration.

We accept that we will automatically be suspended from being eligible for Bidding or submitting proposals in any contract with the Purchaser for the period of time specified in Section II – Bid Data Sheet if we are in breach of our obligation(s) under the Bid conditions, because we:

- (a) have withdrawn our Bid prior to the expiry date of the Bid validity specified in the Letter of Bid or any extended date provided by us; or
- (b) having been notified of the acceptance of our Bid by the Purchaser prior to the expiry date of the Bid validity in the Letter of Bid or any extended date provided by us, (i) fail or refuse to sign the Contract; or (ii) fail or refuse to furnish the Performance Security, if required, in accordance with the ITB.

We understand this Bid Securing Declaration shall expire if we are not the successful Bidder, upon the earlier of (i) our receipt of your notification to us of the name of the successful Bidder; or (ii) twenty-eight days after the expiry date of the Bid validity.

Name of the Bidder* _____

Name of the person duly authorized to sign the Bid on behalf of the Bidder** _____

Title of the person signing the Bid _____

Signature of the person named above _____

Date signed _____ day of _____, _____

*: In the case of the Bid submitted by joint venture specify the name of the Joint Venture as Bidder

***: Person signing the Bid shall have the power of attorney given by the Bidder attached to the Bid

[Note: In case of a Joint Venture, the Bid-Securing Declaration must be in the name of all members to the Joint Venture that submits the Bid.]

Letter of Bid - Financial Part

INSTRUCTIONS TO BIDDERS: DELETE THIS BOX ONCE YOU HAVE COMPLETED THE DOCUMENT

Place this Letter of Bid - Financial Part in the second envelope marked “FINANCIAL PART”.

The Bidder must prepare the Letter of Bid - Financial Part on stationery with its letterhead clearly showing the Bidder’s complete name and business address.

Note: All italicized text is to help Bidders in preparing this form.

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

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

Request for Bid No.: *[insert identification]*

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

To: *[insert complete name of Purchaser]*

We, the undersigned Bidder, hereby submit the second part of our Bid, the Financial Part

In submitting our Financial Part we make the following additional declarations:

(a) **Bid Validity:** Our Bid shall be valid until *[insert day, month and year in accordance with ITB 18.1]*, and it shall remain binding upon us and may be accepted at any time before the expiration of that period;

(b) **Total Price:** The total price of our Bid, excluding any discounts offered in item (c) below is:

In case of only one lot, the total price of the Bid is [insert the total price of the bid in words and figures, indicating the various amounts and the respective currencies];

In case of multiple lots, the total price of each lot is [insert the total price of each lot in words and figures, indicating the various amounts and the respective currencies];

In case of multiple lots, total price of all lots (sum of all lots) [insert the total price of all lots in words and figures, indicating the various amounts and the respective currencies];

(c) **Discounts:** The discounts offered and the methodology for their application are:

(i) The discounts offered are: *[Specify in detail each discount offered]*

(ii) The exact method of calculations to determine the net price after application of discounts is shown below: *[Specify in detail the method that shall be used to apply the discounts];*

- (d) **Commissions, gratuities and fees:** We have paid, or will pay the following commissions, gratuities, or fees with respect to the bidding process or execution of the Contract: *[insert complete name of each Recipient, its full address, the reason for which each commission or gratuity was paid and the amount and currency of each such commission or gratuity]*.

Name of Recipient	Address	Reason	Amount

(If none has been paid or is to be paid, indicate “none.”)

- (e) **Binding Contract:** We understand that this Bid, together with your written acceptance thereof included in your Letter of Acceptance, shall constitute a binding contract between us, until a formal contract is prepared and executed.

Name of the Bidder: **[insert complete name of the Bidder]*

Name of the person duly authorized to sign the Bid on behalf of the Bidder: *** [insert complete name of person duly authorized to sign the Bid]*

Title of the person signing the Bid: *[insert complete title of the person signing the Bid]*

Signature of the person named above: *[insert signature of person whose name and capacity are shown above]*

Date signed *[insert date of signing]* **day of** *[insert month]*, *[insert year]*

*: In the case of the Bid submitted by a Joint Venture specify the name of the Joint Venture as Bidder.

**: Person signing the Bid shall have the power of attorney given by the Bidder. The power of attorney shall be attached with the Bid Schedules.





Price Schedule Forms

*[The Bidder shall fill in these Price Schedule Forms in accordance with the instructions indicated. The list of line items in column 1 of the **Price Schedules** shall coincide with the List of Goods and Related Services specified by the Purchaser in the Schedule of Requirements.]*

Price Schedule: Goods Manufactured Outside the Purchaser's Country, to be Imported

(Group C Bids, goods to be imported)						Date: _____ RFB No: _____		
Currencies in accordance with ITB 15						Alternative No: _____ Page N° _____ of _____		
1	2	3	4	5	6	7	8	9
Line Item N°	Description of Goods	Country of Origin	Delivery Date as defined by Incoterms	Quantity and physical unit	Unit price CIP <i>[insert place of destination]</i> in accordance with ITB 14.8(b)(i)	CIP Price per line item (Col. 5x6)	Price per line item for inland transportation and other services required in the Purchaser's Country to convey the Goods to their final destination specified in BDS	Total Price per Line item (Col. 7+8)
<i>[insert number of the item]</i>	<i>[insert name of good]</i>	<i>[insert country of origin of the Good]</i>	<i>[insert quoted Delivery Date]</i>	<i>[insert number of units to be supplied and name of the physical unit]</i>	<i>[insert unit price CIP per unit]</i>	<i>[insert total CIP price per line item]</i>	<i>[insert the corresponding price per line item]</i>	<i>[insert total price of the line item]</i>
Total Price								

Name of Bidder *[insert complete name of Bidder]* Signature of Bidder *[signature of person signing the Bid]* Date *[Insert Date]*

Price Schedule: Goods Manufactured Outside the Purchaser's Country, already imported*

(Group C Bids, Goods already imported) Currencies in accordance with ITB 15											Date: _____ RFB No: _____ Alternative No: _____ Page N° _____ of _____
1	2	3	4	5	6	7	8	9	10	11	12
Line Item N°	Description of Goods	Country of Origin	Delivery Date as defined by Incoterms	Quantity and physical unit	Unit price including Custom Duties and Import Taxes paid, in accordance with ITB 14.8(c)(i)	Custom Duties and Import Taxes paid per unit in accordance with ITB 14.8(c)(ii), [to be supported by documents]	Unit Price net of custom duties and import taxes, in accordance with ITB 14.8(c)(iii) (Col. 6 minus Col.7)	Price per line item net of Custom Duties and Import Taxes paid, in accordance with ITB 14.8(c)(i) (Col. 5×8)	Price per line item for inland transportation and other services required in the Purchaser's Country to convey the goods to their final destination, as specified in BDS in accordance with ITB 14.8(c)(v)	Sales and other taxes paid or payable per item if Contract is awarded (in accordance with ITB 14.8(c)(iv))	Total Price per line item (Col. 9+10)
[insert number of the item]	[insert name of Goods]	[insert country of origin of the Good]	[insert quoted Delivery Date]	[insert number of units to be supplied and name of the physical unit]	[insert unit price per unit]	[insert custom duties and taxes paid per unit]	[insert unit price net of custom duties and import taxes]	[insert price per line item net of custom duties and import taxes]	[insert price per line item for inland transportation and other services required in the Purchaser's Country]	[insert sales and other taxes payable per item if Contract is awarded]	[insert total price per line item]
Total Bid Price											

Name of Bidder [insert complete name of Bidder] Signature of Bidder [signature of person signing the Bid] Date [insert date]

* [For previously imported Goods, the quoted price shall be distinguishable from the original import value of these Goods declared to customs and shall include any rebate or mark-up of the local agent or representative and all local costs except import duties and taxes, which have been and/or have to be paid by the Purchaser. For clarity the Bidders are asked to quote the price including import duties, and additionally to provide the import duties and the price net of import duties which is the difference of those values.]

Price Schedule: Goods Manufactured in the Purchaser's Country

Purchaser's Country _____				(Group A and B Bids) Currencies in accordance with ITB 15				Date: _____ RFB No: _____ Alternative No: _____ Page N° _____ of _____	
1	2	3	4	5	6	7	8	9	10
Line Item N°	Description of Goods	Delivery Date as defined by Incoterms	Quantity and physical unit	Unit price EXW	Total EXW price per line item (Col. 4x5)	Price per line item for inland transportation and other services required in the Purchaser's Country to convey the Goods to their final destination	Cost of local labor, raw materials and components from with origin in the Purchaser's Country % of Col. 5	Sales and other taxes payable per line item if Contract is awarded (in accordance with ITB 14.8(a)(ii))	Total Price per line item (Col. 6+7)
<i>[insert number of the item]</i>	<i>[insert name of Good]</i>	<i>[insert quoted Delivery Date]</i>	<i>[insert number of units to be supplied and name of the physical unit]</i>	<i>[insert EXW unit price]</i>	<i>[insert total EXW price per line item]</i>	<i>[insert the corresponding price per line item]</i>	<i>[Insert cost of local labor, raw material and components from within the Purchase's country as a % of the EXW price per line item]</i>	<i>[insert sales and other taxes payable per line item if Contract is awarded]</i>	<i>[insert total price per item]</i>
Total Price									

Name of Bidder *[insert complete name of Bidder]* Signature of Bidder *[signature of person signing the Bid]* Date *[insert date]*

Price and Completion Schedule - Related Services

Currencies in accordance with ITB 15					Date: _____ RFB No: _____ Alternative No: _____ Page N° _____ of _____	
1	2	3	4	5	6	7
Service N°	Description of Services (excludes inland transportation and other services required in the Purchaser's Country to convey the goods to their final destination)	Country of Origin	Delivery Date at place of Final destination	Quantity and physical unit	Unit price	Total Price per Service (Col. 5*6 or estimate)
<i>[insert number of the Service]</i>	<i>[insert name of Services]</i>	<i>[insert country of origin of the Services]</i>	<i>[insert delivery date at place of final destination per Service]</i>	<i>[insert number of units to be supplied and name of the physical unit]</i>	<i>[insert unit price per item]</i>	<i>[insert total price per item]</i>
Total Bid Price						

Name of Bidder *[insert complete name of Bidder]* Signature of Bidder *[signature of person signing the Bid]* Date *[insert date]*





Section V - Eligible Countries

Eligibility for the Provision of Goods, Works and Non Consulting Services in Bank-Financed Procurement

In reference to ITB 4.8 and ITB 5.1, for the information of the Bidders, at the present time firms, goods and services from the following countries are excluded from this Bidding process:

Under ITB 4.8 (a) and ITB 5.1: “None”

Under ITB 4.8(b) and ITB 5.1: “None”



Section VI - Fraud and Corruption

(Section VI shall not be modified)

1. Purpose

1.1 The Bank's Anti-Corruption Guidelines and this annex apply with respect to procurement under Bank Investment Project Financing operations.

2. Requirements

2.1 The Bank requires that Borrowers (including beneficiaries of Bank financing); bidders (applicants/proposers), consultants, contractors and suppliers; any sub-contractors, sub-consultants, service providers or suppliers; any agents (whether declared or not); and any of their personnel, observe the highest standard of ethics during the procurement process, selection and contract execution of Bank-financed contracts, and refrain from Fraud and Corruption.

2.2 To this end, the Bank:

a. Defines, for the purposes of this provision, the terms set forth below as follows:

- i. "corrupt practice" is the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence improperly the actions of another party;
- ii. "fraudulent practice" is any act or omission, including misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain financial or other benefit or to avoid an obligation;
- iii. "collusive practice" is an arrangement between two or more parties designed to achieve an improper purpose, including to influence improperly the actions of another party;
- iv. "coercive practice" is impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence improperly the actions of a party;
- v. "obstructive practice" is:
 - (a) deliberately destroying, falsifying, altering, or concealing of evidence material to the investigation or making false statements to investigators in order to materially impede a Bank investigation into allegations of a corrupt, fraudulent, coercive, or collusive practice; and/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
 - (b) acts intended to materially impede the exercise of the Bank's inspection and audit rights provided for under paragraph 2.2 e. below.

- b. Rejects a proposal for award if the Bank determines that the firm or individual recommended for award, any of its personnel, or its agents, or its sub-consultants, sub-contractors, service providers, suppliers and/ or their employees, has, directly or indirectly, engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices in competing for the contract in question;
- c. In addition to the legal remedies set out in the relevant Legal Agreement, may take other appropriate actions, including declaring misprocurement, if the Bank determines at any time that representatives of the Borrower or of a recipient of any part of the proceeds of the loan engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices during the procurement process, selection and/or execution of the contract in question, without the Borrower having taken timely and appropriate action satisfactory to the Bank to address such practices when they occur, including by failing to inform the Bank in a timely manner at the time they knew of the practices;
- d. Pursuant to the Bank's Anti-Corruption Guidelines, and in accordance with the Bank's prevailing sanctions policies and procedures, may sanction a firm or individual, either indefinitely or for a stated period of time, including by publicly declaring such firm or individual ineligible (i) to be awarded or otherwise benefit from a Bank-financed contract, financially or in any other manner;¹ (ii) to be a nominated² sub-contractor, consultant, manufacturer or supplier, or service provider of an otherwise eligible firm being awarded a Bank-financed contract; and (iii) to receive the proceeds of any loan made by the Bank or otherwise to participate further in the preparation or implementation of any Bank-financed project;
- e. Requires that a clause be included in bidding/request for proposals documents and in contracts financed by a Bank loan, requiring (i) bidders (applicants/proposers), consultants, contractors, and suppliers, and their sub-contractors, sub-consultants, service providers, suppliers, agents, personnel, permit the Bank to inspect³ all accounts, records and other documents relating to the procurement process, selection and/or contract execution, and to have them audited by auditors appointed by the Bank.

¹ For the avoidance of doubt, a sanctioned party's ineligibility to be awarded a contract shall include, without limitation, (i) applying for pre-qualification, expressing interest in a consultancy, and bidding, either directly or as a nominated sub-contractor, nominated consultant, nominated manufacturer or supplier, or nominated service provider, in respect of such contract, and (ii) entering into an addendum or amendment introducing a material modification to any existing contract.

² A nominated sub-contractor, nominated consultant, nominated manufacturer or supplier, or nominated service provider (different names are used depending on the particular bidding document) is one which has been: (i) included by the bidder in its pre-qualification application or bid because it brings specific and critical experience and know-how that allow the bidder to meet the qualification requirements for the particular bid; or (ii) appointed by the Borrower.

³ Inspections in this context usually are investigative (i.e., forensic) in nature. They involve fact-finding activities undertaken by the Bank or persons appointed by the Bank to address specific matters related to investigations/audits, such as evaluating the veracity of an allegation of possible Fraud and Corruption, through the appropriate mechanisms. Such activity includes but is not limited to: accessing and examining a firm's or individual's financial records and information, and making copies thereof as relevant; accessing and examining any other documents, data and information (whether in hard copy or electronic format) deemed relevant for the investigation/audit, and making copies thereof as relevant; interviewing staff and other relevant individuals; performing physical inspections and site visits; and obtaining third party verification of information.

PART 2 – Supply Requirements





Section VII - Schedule of Requirements

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List of Goods and Delivery Schedule

Goods will be delivered at different locations of 75 GDs, 42 RHCs, 9 THQs and 122 PHHI health facilities.

S.#	Equipment	Quantity	Physical Units	Final (Project Site) Destination as specified in BDS	Delivery (as per Incoterms) Date	
					Delivery Date	Bidder's offered Delivery date [to be provided by the Bidder]
Lot 01 - Medical Equipment						
1	Adult Weight Machine	126	Pcs	Destination of the equipment where the goods will be delivered to concerned health facilities is attached as annex A	4 months from date of signing of contract	
2	Baby weight Machine	153	Pcs			
3	CTG machine	167	Pcs			
4	Dental Unit	20	Unit			
5	Dental X-Ray Built-in with Dental Chair (Supplier may quote with Dental chair mentioned above)	15	Unit			
6	Digital X Ray Machine with CR System	9	Pcs			
7	Examination Light	126	Pcs			
8	Eye OT Setup 1. Ophthalmic Operating Microscope. 2. Phacoemulsification Machine. 3. Electro-Hydraulic Operating Table For Eye Ot. 4. Ophthalmic Operation Theatre Light – Single Dome – Led. 5. Surgeon’s Ophthalmic Chair/Stool. 6. Optical Biometer With Keratometer. 7. Autorefractometer With Keratometer. 8. Applanation Tonometer. 9. Autoclave — Eye Operation Theatre.	3	Set			

	10. Multi-Para (Cardiac) Patient Monitor. 11. Electric Suction Machine For Eye Ot					
9	Fetal Doppler	126	Pcs			
10	Glucometer strips (Along with Glucometer)	75	Pcs			
11	Hemoglobin (HB) Meter	177	Pcs			
12	Manual Vacuum Aspiration (MVA) Kit	75	Set			
13	Nebulizer Machine	75	Pcs			
14	Operation Table	9	Pcs			
15	OT Lights Double Dome	9	Pcs			
16	Oxygen Concentrator	126	Pcs			
17	Pulse Oximeter	126	Pcs			
18	Stethoscope (Adult)	204	Pcs			
19	Stethoscope (Baby)	75	Pcs			
20	Suction Machine	144	Pcs			
21	General OT Setup (1 each) 1. O.T Table 2. O.T Light Double Dome 3. Defibrillator 4. Cardian Patient Monitor 5. Oxygen Concentrator 6. Suction Machine for O.T 7. Electrosurgical Diathermy 8. Patient Bed for recovery 9. Laparotomy Instrument Set 10. Secearean Section Instrument Set 11. Laryngoscopy Set	7	Set			
22	Electronic Fridge for Emergency Medicines	60	Pcs			
23	Electronic Fridge for Medicines	75	Pcs			
24	Oxygen Cylinder	735	Pcs			
25	Oxygen Cylinder Flow Meter	735	Pcs			
26	Pharmaceutical Refrigerator	126	Pcs			
Lot 2 Bio Medical Equipment						
1	Anesthesia Work Station (Machine) with Ventilator	9	Unit			

2	Arterial Blood Gas Analyzer (ABG’s)	9	Pcs	Destination of the equipment where the goods will be delivered to concerned health facilities is attached as annex A	4 months from date of signing of contract	
3	Autoclave	177	Pcs			
4	Cardiac Monitors	36	Pcs			
5	Centrifuge Machine	18	Pcs			
6	Defibrillators	27	Pcs			
7	ECG Machine (12 Channel)	136	Pcs			
8	Electrolyte Analyzer	49	Pcs			
9	Hematology Analyzer	9	Pcs			
10	Lab Incubator	9	Pcs			
11	Lab Microscope	9	Pcs			
12	Portable Grey Scale Ultrasound Machine with Two Probes	221	Pcs			
13	Semi-Automated Chemistry Analyzer	9	Pcs			
14	Water Bath	9	Pcs			
Lot 03 Specialized Medical Equipment						
1	Diathermy Machine	9	Pcs	Destination of the equipment where the goods will be delivered to concerned health facilities is attached as annex A	4 months from date of signing of contract	
2	Infant Incubator	45	Pcs			
3	Infant warmer with Resuscitation Trolley	291	Pcs			
4	Infusion Pump	9	Pcs			
5	Mammography Machine	2	Pcs			
6	Mobile OT Light	9	Pcs			
7	Phototherapy Machine	45	Pcs			
8	Portable Patient Monitor	227	Pcs			
9	Syringe Pump	9	Pcs			





List of Related Services and Completion Schedule

[This table shall be filled in by the Purchaser. The Required Completion Dates should be realistic, and consistent with the required Goods Delivery Dates (as per Incoterms)]

Service	Description of Service	Quantity ¹	Physical Unit	Place where Services shall be performed	Final Completion Date(s) of Services
<i>[insert Service No]</i>	<i>[insert description of Related Services]</i>	<i>[insert quantity of items to be supplied]</i>	<i>[insert physical unit for the items]</i>	<i>[insert name of the Place]</i>	<i>[insert required Completion Date(s)]</i>
1	Installation, Testing and Commissioning of Medical equipment	Job		Health facilities list is attached as Annex A	Within 15 days of delivery of equipment
2	Training of medical equipment operator staff	Job		Health facilities list is attached as Annex A	Within 15 days of delivery of equipment

1. If applicable



3. Technical Specifications

Detailed Technical Specifications and Standards

S. #	Equipment	Technical Specification
Lot 01 - Medical Equipment		
1	Adult Weight Machine	• Weight ranges: 0–250 kg • Display Type: Analog dial with a mechanical needle • Accuracy: ±200g or better. • Units of Measurement: Kilograms (kg) and Pounds (lb) • Material: Metal, stainless steel, or high-strength plastic body. • Platform Design: Wide, anti-slip surface for stability. • Mechanical Operation: Spring-based, no battery or power required • Durability: Long-lasting with minimal maintenance.
2	Baby weight Machine	• Capacity: 20 kg or higher • Minimum Weight: 50–100 g or better • Readability: 5 g or better • Accuracy: ±5 g or better • Display: Clear digital LCD/LED display, minimum 2 inches • Units: Kilograms (kg) and pounds (lb) • Weighing Tray: Detachable, smooth, washable and easy to disinfect • Hold Function: Automatic and manual hold for moving infants • Tare/Zero Function: For excluding clothing, sheet or other added weight • Motion Stabilization: Stable reading despite infant movement • Power Supply: AC adapter with rechargeable battery backup of at least 5 hours • Indicators: Low-battery indication • Auto Power-Off: Required • Design: Portable, compact and lightweight • Calibration: Factory calibrated with recalibration facility • Construction: Durable and corrosion-resistant • Accessories: AC adapter, rechargeable battery and user manual

3	CTG machine	1. Display & Monitoring • ≥ 5-inch adjustable color LCD display. • Simultaneous maternal and fetal parameter monitoring. • Auto/Manual monitoring modes. • Multiple display interfaces. • Twin monitoring and clinical event marker functions. 2. Fetal Heart Rate (FHR) • Method: Ultrasound Pulsed Doppler. • Frequency: 2.0 MHz, deviation 10% or better. • Range: 50–240 bpm or better. • Resolution: 1 bpm. • Accuracy: ± 2 bpm. 3. Uterine Contraction (TOCO) • Method: Strain gauge sensor. • Range: 0–100 units. • Resolution: 1%. 4. Fetal Movement (FM) • Method: Doppler ultrasound. • Range: 0–40 or better. • Resolution: 1%. 5. Data & Printing • Built-in CTG analysis system. • Data storage: ≥ 150 patients / ≥ 100 hours, • Built-in thermal printer. 6. Battery & Power • Rechargeable battery with ≥ 4 hours continuous monitoring. • 220–240 VAC, 50 Hz. • Power cord included. 7. Standard Accessories • 2$\times$ Ultrasound transducer • 1 $\times$ TOCO transducer • 2$\times$ Transducer belt set • 1 $\times$ Event marker • 1 $\times$ Recorder paper set • 1 $\times$ 250 mL ultrasound gel • 1 $\times$ Trolley/stand • All standard accessories. Required Certifications: ISO 13485 & FDA 510(k) /CE/JIS/MHLW or equivalent
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4

Dental Unit**1. Dental Chair & Unit**

- Fully motorized electric/hydraulic dental chair.
- Minimum 4 handpiece positions.
- Automatic seat and backrest adjustment.
- Automatic zero position and 3 working positions.
- Multi-articulating headrest and swivel armrest.
- Anatomical backrest with seamless, easy-to-clean upholstery.
- Stainless-steel instrument tray.
- Counterbalanced flexible arm with pneumatic lock.
- Articulated tray holder.
- Suitable for adult and paediatric patients.

2. Handpieces & Instruments

- 3-way syringe for dentist.
- High-speed turbine handpiece, push-button type, 2/4-hole connection, high torque.
- Ultrasonic scaler.
- Low/high-volume saliva ejectors.
- Air-operated high-power suction.
- Detachable water system/tubes.
- Borden or Midwest connection.
- Foot control with joystick/switch controls.

3. Water & Air System

- Water ON/OFF toggle switch with flow control.
- Air/water regulator for handpieces and 3-way syringe.
- Digital/LCD/LED air-pressure gauge.
- High-volume evacuation (HVE) suction system with saliva ejector, suitable for continuous dental procedures.
- Water cup filler with push button.
- 90° swivel cuspidor with stainless-steel/ceramic bowl.

4. Dental Light

- LED daylight, shadowless dental operating light.
- Adjustable height and horizontal movement.
- Well-balanced and easy to position.

5. Dentist Stool

- Adjustable-height operating stool.
- Gas-spring operated.
- Revolving on 5 castors.
- Back support.

6. Dental Compressor

- Oil-free, low-noise compressor with silencer cabinet.
- Motor: ≥ 1.5 HP.
- Output at 5 bar: ≥ 115 L/min.
- Tank capacity: ≥ 25 L.
- Voltage: 150-220 V, 50 Hz, single phase.
- Automatic ON/OFF pressure switch.
- Safety valve.
- Air filter, regulator and pressure gauge.
- Tank pressure gauge.
- Non-return and air-release valves.

7. Safety & Protection

- Suitable electrical and pressure safety protection.
- Easy-to-clean and disinfect surfaces.

8. Accessories

- Complete standard accessories required for operation.
- Handpiece tubing and fittings.
- Footswitch.
- Water and air connections.
- Power cable.

Required Certifications: FDA/CE approved or equivalent

5	Dental X-Ray Built-in with Dental Chair (Supplier may quote with Dental chair mentioned above)	Technical Specifications: Portable Gun type, should be supplied with compatible all in one PC and Dental x-ray sensor (Adult Size) for viewing of x-ray images Display: Color display with touch screen or keypad Tube Voltage: 60 kV or better Tube Current: 2mA or better Exposure Time: 0.01~2s or better High Pressure Generator: 40kHz DC or better Rated Power: 400VA or better Focal Spot Size: 0.4mm or better Input voltage: AC 100~240 Supply Frequency: 50/60 Hz Battery: Should have a removable and durable battery with long backup Lead Protection: appropriate radiation shielding/leakage protection and comply with applicable radiation safety standards Accessories: Cover/pouch/safety box for storage of dental unit and protection from dust Required Certifications: FDA/CE/JIS/MHLW approved or equivalent
6	Digital X Ray Machine with CR System	X-Ray Generator: High Frequency Inverter-Based Microprocessor-Controlled X-Ray Generator. Power: 40kW or better Power Source: Single Phase, Household line. Compensation: Automatic line compensation for stable operation. Protection: Overload tube protection system to safeguard components. Radiographic kVp: 40-150 kV or better Radiographic mA: 320 mA or better Exposure Time: 1ms to 8s or better Anatomical Programs: 200+ pre-programmed anatomical selections for quick and accurate settings X-Ray Tube: Maximum Tension: 150 kVp or higher for varied clinical procedures. Focus Sizes: Small focus: 0.6 mm or better. Large focus: 1.2 mm or better. Anode Heat Capacity: 300 KHU or higher Radiographic Table: Grid Specifications: Grid Ratio: 10:1 or better. Moving grid included to reduce image artifacts Safety Features: Integrated safety mechanisms for secure patient positioning Floor-Mounted Tube Column Stand: Tube Support System: Balancing system with counterweights for stable support. Brakes: Electromagnetic brakes for secure positioning. Control Panel: Push-button controls for vertical travel adjustments. Tube Rotation: +/- 180° rotation for flexible positioning. Vertical Travel: 500 mm to 1500 mm for easy reach across patient sizes Manual Collimator: Type: Multi-leaf manual collimator for precise beam control. Light Indicator: LED alignment light for accurate collimation. Wall Chest Bucky Stand: Maximum Cassette Size: Up to 35 x 43 cm. Vertical Travel: 1500 mm for flexible positioning. Grid: Moving grid with 10:1 ratio or better for optimal image quality. Accessories: Lead Glass: 1.5 mm Pb protection, 80 cm x 100 cm size. Compression Belt: To assist with patient positioning and imaging. Lead Aprons: 0.5 mm Pb protection. Thyroid Shield: 0.5 mm Pb for neck protection. Lead Goggles & Gonadal Shields: For additional radiation protection.

Detector Holder: For lateral radiography.
Room Renovation (Vendor Responsibility):
Renovations include: Wall construction, operator room setup with lead glass (1'x1'), lead shielding for system room, and doors. Air-conditioning, false ceiling, painting, electrical distribution board (DB), earthing, and necessary cabling from the main transformer. Full installation of the system with integration into the room environment.

2. Complete CR System
Reader Unit:
 (General Radiology) is capable to read X-Ray exposed Imaging Plates (IP) of all standard sizes in Inches/cm.
 The Productivity of reading / digitizing of 14"x17" is 60 IP's / hour.
Sampling Pitch: 2-types: 100um/200um
Digital Gradation Level: 4096 Levels (12-bit)

Console: Core- i5 Branded System
Optical Drive: DVD-R Image
Storage: 1 TB hard drive with a capacity of storing 50,000+ images.
Image Processing function: Integral Processing, Automatic processing parameters study
Viewer Function Display: Gray Scale, Window Change , Pan, Zoom, Magnifying Glasses, cine, Comparison Display.
Viewer Function Management: Cardiothoracic Ratio of Heart and Chest, Distance between 2-points angle between 3-points, angle, Rectangle area, Ellipse Area, Polygon Area.
Viewer Function Annotation: Line, Rectangle, Circle, Ellipse Free hand, Text
Offline Image Link: Media Input/output (PDI, DICOM, JPEG, Bitmap)

Software Features: Patient Registration, Image Acquisition, Image Review- including magnification, Annotation measurement, Layout and window leveling tools, Export DICOM images to CD/DVD with DICOM PDI format and optional PDI viewer, Import DICOM or JPEG Images from media (CD/DVD/USB Drive), DICOM send to PACS, Window printing on papers, DICOM printing, Should comply with DICOM conformance 3.0 And standard function for future connectivity with other DICOM modalities inclusive of print, storage etc.
Display Monitor: 23-inch or larger LCD monitor for clear image viewing.
Peripheral: Mouse, keyboard, and DVD writer.
Imager:
Laser Source: Semiconductor
Laser Film Size: 14"x17"(35x43cm); 10"x14"(25x36cm); 10"x12"(25x30cm); 8"x10"(20x25cm)
Pixel Size: 50um (508dpi)
Output Gradation: 16384 levels (14-bit)
Processing capability: 14"x17" inch size sheet 80 sheets / hour or more 8"x10" inch size sheet 100 sheets / hour or more
Network Connection: 10 base-T /100 Base-T / 1000 Base-T Network
Connectivity: DICOM Print Management SCP Total No. of Trays: 02 (Online)
Compatible UPS: for console/work station/ X-Ray Machine.
Power Support: Equipment should be supplied with online UPS with at least 3-1 hours backup or better to support whole system including x-ray machine, and CR System, printer and console.
Required Compliance Certifications: ISO 13485 & FDA/CE/JIS/MHLW or equivalent

7	Examination Light	• Type: Mobile LED examination light suitable for gynecological /PV examination • Light Source: High-intensity LED • Illuminance: Approximately 20,000–50,000 lux at 0.5 m • Color Temperature: 4,000–6,000 K • Light Field: Focused, uniform and shadow-reduced beam • Dimming: Adjustable light intensity • Arm: Flexible gooseneck or articulated arm with smooth positioning • Light Head: Cool-touch, easy-to-clean housing • Base: Stable five-leg mobile base with castors, minimum two lockable • LED Life: Minimum 50,000 hours • Power Supply: 100–240 VAC, 50/60 Hz • Backup: Rechargeable battery backup preferred
8	Eye OT Setup	OPHTHALMIC OPERATING MICROSCOPE: GENERAL • Application: Suitable for cataract, anterior-segment and other routine ophthalmic surgeries • Mounting: Mobile floor stand with stable, balanced suspension arm • Optics: High-resolution binocular stereoscopic optical system • Eyepieces: Wide-field 10×, adjustable diopter, suitable for spectacle users • Magnification: Motorized continuous zoom or minimum 5-step magnification, approximately 4×–20× • Objective Lens: Working distance approximately 175–200 mm • Focus: Motorized fine focusing through foot control • Movement: Motorized X–Y positioning through foot control • Field of View: Wide and uniformly illuminated surgical field Illumination • LED, xenon or equivalent high-intensity illumination • Coaxial or near-coaxial illumination providing a clear and stable red reflex • Adjustable illumination intensity • UV and infrared protection/filtering • LED life minimum 50,000 hours, where LED technology is offered Controls and Accessories • Multifunction footswitch controlling: - o Focus - o Magnification - o X–Y movement - o Illumination, where available • Sterilizable control knobs/handles • Binocular assistant/observer scope or teaching attachment — 01 • Beam splitter with camera/video attachment provision preferred • Dust cover and spare sterilizable caps/handles • Mobile stand with lockable castors Power and Safety • 100–240 VAC, 50/60 Hz • Emergency illumination or backup bulb where applicable • Compatible with hospital UPS • Automatic reset/parking position preferred Standards and Support • Manufacturer certified to ISO 13485 or equivalent • Valid CE marking, FDA clearance or equivalent recognized approval • Compliance with IEC 60601-1, ISO 10936-1 and ISO 10936-2, or equivalent • Minimum three-year comprehensive warranty • Installation, commissioning and surgeon/user training included • Spare parts and technical support available for at least three years

PHACOEMULSIFICATION MACHINE:**General**

- Microprocessor-controlled phacoemulsification system
- Suitable for cataract surgery with Phacco, irrigation/aspiration, anterior vitrectomy and bipolar coagulation
- Color touchscreen/LCD display with programmable surgeon settings
- Multifunction footswitch for control of ultrasound, vacuum, aspiration and irrigation

Ultrasound

- Modes: Continuous, pulse and burst
- Ultrasound power: Adjustable 0–100%
- Operating frequency: Approximately 28–45 kHz, depending on manufacturer
- Linear and panel-controlled ultrasound adjustment
- Occlusion-responsive power modulation preferred

Vacuum and Aspiration

- Vacuum range: Up to at least 500–600 mmHg
- Aspiration flow: Up to at least 40–50 mL/min
- Adjustable irrigation, aspiration and vacuum settings
- Peristaltic or equivalent controlled aspiration pump
- Automatic venting/reflux facility
- Audible and visual indication of vacuum and system status

Anterior Vitrectomy:

- Integrated anterior vitrectomy mode
- Cut rate: Minimum 1,000 cuts/minute or higher
- Adjustable cut rate, vacuum and aspiration
- Compatible with manufacturer-approved anterior vitrectomy handpiece/cutter

Bipolar Coagulation

- Integrated bipolar coagulation/diathermy
- Adjustable power output
- Bipolar forceps and reusable cable included

Safety Features

- Automatic system self-test
- Occlusion and surge control
- Low irrigation or bottle-height warning
- Handpiece and tubing connection alarms
- Automatic ultrasound interruption in case of system fault
- Audible and visual alarms

Accessories

- Autoclavable phaco handpieces — 02
- Phaco tips and sleeves, assorted standard sizes — minimum 05 sets
- Reusable or manufacturer-approved tubing/cassette sets — minimum 10
- Irrigation/aspiration handpiece set — 01
- Anterior vitrectomy handpiece/cutter — 01 set
- Bipolar forceps with cable — 01 set
- Multifunction footswitch — 01
- Sterilization trays — 02
- Instrument trolley — 01
- All accessories required for complete operation

Power and Support

- Power supply: 100–240 VAC, 50/60 Hz
- Manufacturer certified to ISO 13485 or equivalent
- Valid CE marking, FDA clearance or equivalent recognized approval
- Compliance with IEC 80601-2-58:2024 or equivalent
- Minimum three-year comprehensive warranty
- Installation, commissioning and surgeon/user training included

- Spare parts and consumables available for at least three years

ELECTRO-HYDRAULIC OPERATING TABLE FOR EYE OT:

General:

- Electro-hydraulic operating table suitable for cataract and other ophthalmic procedures
- Mobile base with central braking or electro-hydraulic floor-locking system
- Corrosion-resistant stainless-steel base and frame
- Smooth, stable and jerk-free movement

Movements

- Electro-hydraulic height adjustment
- Trendelenburg and reverse Trendelenburg
- Lateral tilt, left and right
- Backrest adjustment
- Adjustable/removable head section suitable for ophthalmic surgery
- Automatic level/zero-position function

Dimensions and Load

- Height range: approximately 600–950 mm or wider
- Tabletop width: approximately 500–550 mm
- Safe working load: minimum 200 kg

Mattress

- High-density pressure-relieving mattress
- Thickness: minimum 50 mm
- Antistatic, seamless, waterproof and easy to disinfect

Control and Safety

- Wired handheld controller
- Auxiliary/emergency control panel
- Emergency stop or manual override facility
- Rechargeable battery backup
- Battery-level indication
- Overload protection

Accessories

- Adjustable ophthalmic headrest — 01
- Armboards with clamps — 01 pair
- Leg section/rest — 01 pair
- Patient safety strap — 01
- Mattress and power cable
- All required clamps and accessories

Power and Support

- 100–240 VAC, 50/60 Hz
- Manufacturer certified to ISO 13485
- Valid CE marking, FDA clearance or equivalent recognized approval
- Compliance with IEC 60601-1 and IEC 60601-2-46
- Minimum three-year comprehensive warranty
- Installation, commissioning and user training included

OPHTHALMIC OPERATION THEATRE LIGHT – SINGLE DOME - LED

General

- Ceiling-mounted, single-dome LED surgical light
- Suitable for ophthalmic surgery, patient preparation and minor procedures
- Compatible with laminar airflow operation theatre

Illumination

- Illumination intensity: 80,000–120,000 lux at 1 metre
- Electronic adjustment of light intensity
- Colour Rendering Index: $R_a \geq 95$
- Colour temperature: approximately 3,500–5,000 K

- Uniform, focused and shadow-reduced illumination
- Adjustable light field diameter
- Optical and Thermal Features**
 - High-intensity, low-heat LED illumination
 - Minimal infrared and ultraviolet radiation
 - Protective, easy-to-clean light lens
 - LED life: minimum 50,000 hours
 - Failure of one LED should not significantly affect overall illumination
- Mechanical and Hygiene Features:**
 - Ceiling-mounted articulated suspension arm
 - Smooth, balanced and drift-free positioning
 - Removable and sterilizable central handle
 - Sealed, dust-resistant and easy-to-disinfect light head
 - Smooth external surfaces suitable for infection control
- Power and Safety**
 - Power supply: 100–240 VAC, 50/60 Hz
 - Compatible with hospital UPS or emergency power supply
 - Compliance with IEC 60601-1 and IEC 60601-2-41, or equivalent
 - Manufacturer certified to ISO 13485 or equivalent
 - Valid CE marking, FDA clearance or equivalent recognized approval
 - Minimum two-year comprehensive warranty
 - Installation, testing and user training included
- SURGEON'S OPHTHALMIC CHAIR/STOOL:**
 - Type: Mobile, height-adjustable surgeon's stool for ophthalmic surgery
 - Height Adjustment: Approximately 450–650 mm or wider
 - Adjustment Mechanism: Gas-spring or hydraulic, operated by hand or foot
 - Seat: Padded, seamless and easy to disinfect
 - Backrest: Adjustable lumbar/back support
 - Arm Support: Adjustable forearm rests preferred
 - Base: Stable five-leg base with antistatic castors
 - Mobility: Smooth movement with minimum two lockable castors
 - Load Capacity: Minimum 120 kg
 - Material: Corrosion-resistant metal frame with medical-grade upholstery
 - Warranty: Minimum three year
- OPTICAL BIOMETER WITH KERATOMETER:**
 - Type: Non-contact optical biometer with integrated keratometry
 - Application: Preoperative measurement and intraocular lens power calculation for cataract surgery
 - Measurements:
 - o Axial length
 - o Corneal curvature/K1 and K2
 - o Anterior chamber depth
 - o White-to-white corneal diameter
 - o Lens thickness preferred
 - Axial-Length Range: Approximately 14–38 mm or wider
 - Keratometry Range: Approximately 5–10 mm corneal radius or equivalent dioptre range
 - Display: Colour LCD/touchscreen
 - Operation: Automatic alignment, focusing and measurement
 - IOL Calculation: Multiple established formulas, including modern and post-refractive-surgery formulas
 - Database: Built-in IOL constants and facility for customized lens constants
 - Output: Printable biometry report with measurements and selected IOL power
 - Connectivity: USB and LAN; DICOM/EMR connectivity preferred
 - Accessories: Motorized table, printer or printer connectivity, calibration device and dust cover
 - Power Supply: 100–240 VAC, 50/60 Hz
 - Standards: ISO 13485, valid CE/FDA or equivalent approval; keratometry compliant with ISO 10343 or equivalent
 - Warranty: Minimum three years

- Installation, calibration and user training included
- SLIT-LAMP BIOMICROSCOPE:**
- Type: Table-mounted slit-lamp biomicroscope
 - Optical System: Binocular stereoscopic microscope
 - Magnification: Minimum 5-step, approximately 6× to 40×
 - Eyepieces: Wide-field 10× or 12.5× with dioptre adjustment
 - Slit Width: Continuously adjustable from 0–14 mm or wider
 - Slit Height: Adjustable up to at least 14 mm
 - Slit Angle: Rotatable from 0–180°
 - Illumination: LED or halogen with adjustable intensity
 - Filters: Cobalt blue, red-free, neutral density and heat-absorbing filter
 - Movement: Smooth joystick-controlled horizontal, vertical and focusing movement
 - Chin Rest: Adjustable chin rest with forehead support
 - Applanation Tonometer Mount: Compatible mounting provision required
 - Accessories: Motorized/electric table, dust cover, spare illumination source and power cable
 - Power Supply: 100–240 VAC, 50/60 Hz
 - Standards: ISO 13485, valid CE/FDA or equivalent approval
 - Warranty: Minimum three years
 - Installation, calibration and user training included

AUTOREFRACTOMETER WITH KERATOMETER:

- Type: Automatic refractometer with integrated keratometer
- Application: Objective refraction and corneal curvature measurement
- Measurement Mode: Adult and paediatric modes
- Sphere Range: Approximately –25.00 D to +22.00 D or wider
- Cylinder Range: Approximately 0 to ±10.00 D
- Axis Range: 0–180°
- Keratometry Range: Approximately 33–67 D or wider
- Corneal Radius Range: Approximately 5–10 mm
- Pupil Diameter Measurement: Required
- Display: Colour LCD/touchscreen, minimum 7 inches
- Operation: Automatic alignment, focusing and measurement
- Chin Rest: Motorized or manually adjustable with forehead support
- Printer: Built-in thermal printer
- Connectivity: USB/LAN connectivity preferred
- Accessories: Motorized table, model eye/calibration device, printer paper and dust cover
- Power Supply: 100–240 VAC, 50/60 Hz
- Standards: ISO 13485 with valid CE/FDA or equivalent approval
- Warranty: Minimum three years
- Installation, calibration and user training included

APPLANATION TONOMETER:

- Type: Slit-lamp mounted Goldmann-type applanation tonometer
- Application: Measurement of intraocular pressure
- Measurement Range: Approximately 0–80 mmHg
- Graduation: 2 mmHg or finer
- Accuracy: ±0.5 mmHg or better
- Prism: Reusable measuring prism — 02
- Mounting: Compatible with the offered slit-lamp biomicroscope
- Calibration: Supplied factory-calibrated with calibration-check facility
- Design: Smooth adjustment knob and clear scale reading
- Accessories: Mounting bracket, calibration weight/check bar, prism holder and protective case
- Material: Corrosion-resistant, easy to clean and disinfect
- Standards: ISO 13485 with valid CE/FDA or equivalent approval
- Warranty: Minimum three years
- Installation, calibration and user training included

CATARACT SURGICAL INSTRUMENT SET:

- Application: Suitable for phacoemulsification and manual small-incision

cataract surgery

- Material: Medical-grade stainless steel, reusable and autoclavable

Standard Instruments

- Barraquer wire speculum — 01
- Castroviejo eye speculum — 01
- Fixation forceps, 1×2 teeth — 01
- Plain dressing forceps — 01
- Colibri forceps — 01
- Capsulorhexis forceps — 01
- McPherson tying forceps — 02
- Utrata capsulorhexis forceps — 01
- Iris forceps — 01
- Lens-holding forceps — 01
- Sinskey hook — 01
- Kuglen iris hook — 01
- Cystotome — 01
- Hydrodissection cannula — 01
- Irrigation/aspiration cannula — 01
- Simcoe irrigation/aspiration cannula — 01
- Anterior chamber maintainer — 01
- Lens loop/vectis — 01
- Irrigating vectis — 01
- Keratome knife handle — 01
- Crescent knife handle — 01
- Corneal scissors, right and left — 01 each
- Vannas scissors — 01
- Castroviejo needle holder — 01
- Westcott tenotomy scissors — 01
- Lacrimal dilator — 01
- Eye pad applicator/spatula — 01
- Stainless-steel sterilization tray with silicone mat and lid — 01

General Requirements

- Fine ophthalmic tips with accurate alignment
- Smooth action without looseness or sharp defects
- Corrosion-resistant and suitable for repeated steam sterilization
- Supplied non-sterile
- Minimum three-year warranty against manufacturing defects

AUTOCLAVE — EYE OPERATION THEATRE:

- Type: Fully automatic tabletop/front-loading steam autoclave
- Application: Sterilization of ophthalmic surgical instruments and wrapped instrument trays
- Chamber Capacity: Approximately 20–30 litres
- Sterilization Cycles: 121°C and 134°C
- System: Pre-vacuum air removal with post-vacuum drying
- Control: Microprocessor-controlled automatic cycles
- Display: Digital display of temperature, pressure and remaining cycle time
- Door: Automatic safety locking; cannot open under pressure
- Monitoring: Built-in printer or electronic cycle-recording facility
- Safety: Low-water, over-temperature, over-pressure and fault alarms
- Water: Suitable for distilled/deionized water
- Accessories: Minimum 03 stainless-steel trays, tray holder and drain arrangement
- Power Supply: 220–240 VAC, 50 Hz
- Standards: IEC 61010-1, IEC 61010-2-040 and ISO 17665 or equivalent
- Warranty: Minimum three years
- Installation, validation and user training included

Multi-Para (Cardiac) Patient Monitor:

Application: Suitable for adult, paediatric and neonatal patients

- Display: Minimum 12-inch colour LCD/TFT touchscreen
- Waveforms: Display of at least six simultaneous waveforms
- Protection: Defibrillator-proof and electrosurgical-interference protection

Standard Parameters, ECG and heart rate, Non-invasive blood pressure, SpO₂ and pulse rate, Respiratory rate, Dual temperature.

ECG

- 3-lead and 6-lead ECG monitoring or better
- Lead selection: I, II, III, aVR, aVL, aVF and V
- Arrhythmia analysis and ST-segment monitoring
- ECG freeze and cascade display

Non-Invasive Blood Pressure

- Oscillometric measurement method
- Display of systolic, diastolic and mean pressure
- Manual and automatic measurement modes
- Accuracy: ± 5 mmHg or better
- Supplied with neonatal, paediatric, adult and large-adult cuffs

SpO₂, Respiration and Temperature

- SpO₂ range: 0–100%
- Plethysmographic waveform and pulse-strength indication
- Impedance respiration with adjustable apnoea alarm
- Two temperature channels with °C/°F selection

Data and Alarms

- Graphical and tabular trends for minimum 120 hours
- Storage of minimum 1,000 patient records
- Adjustable audible and visual alarms for all parameters
- Alarm-silence facility with visual indication
- LAN connectivity and provision for central monitoring

Power Supply

- 100–240 VAC, 50/60 Hz
- Rechargeable battery backup of minimum two hours or more

Accessories

- 3-lead and 5-lead ECG cables
- Adult, pediatric and neonatal SpO₂ sensors
- Neonatal, pediatric, adult and large-adult NIBP cuffs
- Two reusable temperature probes
- Wall mount or mobile stand
- All required cables and accessories

Standards and Support

- Manufacturer certified to ISO 13485 or equivalent
- Valid CE marking, FDA clearance or equivalent recognized approval
- Compliance with IEC 80601-2-49 or equivalent
- Minimum three-year comprehensive warranty
- Installation, commissioning and user training included

Electric Suction Machine for Eye OT:

General

- Type: Portable, electrically operated surgical suction machine
- Application: Suitable for ophthalmic surgery and minor procedures
- Vacuum Range: Adjustable up to at least –600 mmHg
- Flow Rate: Approximately 15–25 L/min
- Control: Fine vacuum regulator with clear pressure gauge
- Operation: Oil-free, low-noise and low-vibration pump
- Noise Level: ≤ 50 dBA

Safety and Collection

- Overflow protection
- Hydrophobic bacterial filter
- Non-return valve

		• Reusable, autoclavable collection jar: 1–2 litres — 01 Power and Accessories • 220–240 VAC, 50 Hz • Rechargeable battery backup preferred • Suction tubing — 02 sets • Fine ophthalmic suction cannula/tips — starter set • Spare bacterial filters — 05 • Power cable and user manual Standards and Support • Manufacturer certified to ISO 13485 or equivalent • Valid CE/FDA or equivalent recognized approval • Compliance with ISO 10079-1 or equivalent • Minimum three-year warranty • Installation and user training included Emergency trolley (Description given in other sections): • Type: Mobile emergency resuscitation/crash cart suitable for operation theatres • Construction: Durable, corrosion-resistant metal or medical-grade polymer body • Mobility: Four antistatic castors, minimum two lockable • Drawers: Minimum five lockable, clearly labelled drawers for emergency medicines and supplies • Work Surface: Smooth, easy-to-clean top surface with raised edges • Defibrillator Platform: Adjustable top shelf suitable for monitor/defibrillator • CPR Board: Removable rigid cardiac massage board • IV Pole: Adjustable stainless-steel IV pole • Oxygen Cylinder Holder: Secure holder for one oxygen cylinder • Suction Mount: Provision for mounting suction apparatus or suction jar • Accessory Holders: Sharps container holder, Waste-bin holder, Catheter/accessory storage basket, Power extension board with cable management • Security: Central locking system with breakaway seal and emergency access • Identification: Color-coded and labelled drawers for airway, breathing, circulation, medicines and IV supplies • Dimensions: Suitable for easy movement through standard OT doors • Load Capacity: 100 kg or more • Accessories: CPR board, IV pole, oxygen-cylinder holder, defibrillator shelf, waste bin and drawer dividers • Warranty: Minimum three year • Supply Requirement: Trolley to be supplied complete and ready for placement of emergency drugs and resuscitation equipment.
9	Fetal Doppler	• Type: Portable handheld fetal Doppler • Application: Detection and monitoring of fetal heart rate • Ultrasound Frequency: Approximately 2–3 MHz • FHR Range: 50–240 bpm or wider • Accuracy: ± 2 bpm or better • Display: Digital LCD/LED display of fetal heart rate • Audio: Built-in speaker with volume control and headphone output • Probe: Waterproof, detachable Doppler probe • Operation: Continuous and average heart-rate display • Power Supply: Rechargeable battery or standard replaceable batteries • Battery Indicator: Required • Accessories: Ultrasound gel, carrying case, charger/batteries and user manual Compliance: Safety Standards: Meets international safety certifications such as CE/FDA, and ISO 13485 or equivalent

10	Glucometer strips (Along with Glucometer)	Glucometer strip Specification: Type: Disposable blood glucose test strips, electrochemical biosensor. Compatibility: Matches supplied/specified glucometer model. Sample: Capillary whole blood, $\leq 1 \mu\text{L}$. Range: $\sim 20\text{--}600 \text{ mg/dL}$. Test time: ≤ 10 seconds. Accuracy: Glucose meter and test-strip system shall meet the applicable accuracy requirements of ISO 15197:2013 or latest applicable edition, with manufacturer documentation/evidence of compliance. Test strips: Individually or properly sealed packaged, with clearly stated expiry date and storage conditions. At least 12 months remaining shelf life at the time of delivery, unless otherwise approved. • LCD Display. • Memory / Data Capacity should be more than 300 tests. • Traceable to NIST standards. • Easy setup without coding. • Operating temperature should be b/w 5°C to 50°C. • Measurement range should be 10 mg/dl to 600 mg/dl. • Measurement time should be less than 10 second. • Meter has the capacity to give under fill detection. • Glucometer full conforms to the requirement of EN • ISO 15197:2015 or ISO 15197:2013 or equivalent
11	HB Meter	Specifications Portable handheld digital hemoglobin meter. Measurement principle: Photometric or equivalent. Hemoglobin measuring range: $5\text{--}25 \text{ g/dL}$ or wider. Accuracy: $\pm 0.5 \text{ g/dL}$ or better. Test time: ≤ 15 seconds. Sample type: Fresh capillary or venous whole blood. Sample volume: $10\text{--}20 \mu\text{L}$. LCD digital display. Memory: Minimum 500 test results. Factory calibrated or auto calibration. Battery operated Supplied with carrying case, user manual, lancets (if applicable), and starter pack of test strips. ISO 13485 or CE Certification or equivalent

12	Manual Vacuum Aspiration (MVA) Kit	General • Application: Uterine evacuation, endometrial sampling and management of incomplete abortion/miscarriage • Aspirator: Hand-operated, reusable manual vacuum aspirator • Vacuum Capacity: Minimum 600 mmHg • Mechanism: Double-valve system for creating and maintaining vacuum • Design: Ergonomic, leak-proof and easy to operate • Capacity: Approximately 60 mL or manufacturer-standard capacity Cannula • Flexible, atraumatic MVA cannula • Sizes 4, 5, 6, 7, 8, 9, 10 and 12 mm — minimum 01 each • Color-coded and clearly size-marked • Cannula may be: - o Sterile single-use; - o Accessories • Cannula adapters/connectors, where required • Cleaning brush — 01 • Lubricant, if recommended by manufacturer • Storage/carrying case — 01 • User manual • All accessories required for complete operation Material and Sterilization • Medical-grade, biocompatible and latex-free material • Reusable components suitable for repeated cleaning and steam sterilization • Smooth surfaces without cracks, sharp edges or leakage points Standards and Support • Manufacturer certified to ISO 13485 or equivalent
13	Nebulizer Machine	Maximum compressor pressure 2-3.0 bar or better • Nebulization rate: ≥ 0.2 mL/min, preferably ≥ 0.3 mL/min or better • Compressor air flow 10lit / min or better • Particle size(mmad) 1–5 μm or better. • Noise level 55 db • Electrical requirement 220v/ 50Hz Nebulizer assembly and Accessories (qty: one each) • Tubing • Nebulizer cup • Nebulizers insert. • Nebulizer cap • An adult mask • Peads mask • Neonatal mask • Mouth piece • extra filters

14	Operation Table	Electrically operated multipurpose operating table suitable for Obstetrics/Gynecology and General Surgical Procedures, capable of multiple positional adjustments including leg, back, height, tilt, and lateral movements etc. Functional Movements and Adjustments • Back raise: +60° / -40° or better • Head section: +45° / -90° or better • Hi-low adjustment from 680 mm to 1020 mm or better • Hi-low range: 340 mm or better • Leg Section: +18° / -90° / 110° (outwards) or better • Trendelenburg/Reverse Trendelenburg: ± 25° or better • Lateral Tilt: ± 25° or better • Auto zero position Tabletop Specifications • Tabletop length 2000 mm or better • Tabletop width 500 mm or better • Tabletop height 680 mm to 1020 mm or better Mattress • High-density foam mattress • Antistatic, waterproof, and easy to clean Drive and Control System • Power supply: 220–240 VAC, 50/60 Hz • Electrically operated through handheld remote control • Provision of backup control (handset/foot pedal) in case of emergency • Drive system should be Electro-Hydraulic / Electro-Mechanical which should be quiet, smooth, and jerk free • All operations performed through remote control and auxiliary control system Standard Accessories • Lithotomy leg holders with clamps — 01 pair • Arm boards with clamps — 02 • Anaesthesia screen with clamp — 01 • Body strap — 01 • Shoulder supports — 01 pair • Lateral supports — 01 pair • Removable head and leg sections • Power cable and all required accessories Construction and Material • Stainless-steel base and exposed metallic components • Easy-to-clean and disinfect construction • Antistatic, waterproof and seamless mattress • Heavy-duty castors with central locking or braking system Standards • ISO 13485 or equivalent • Certificated from FDA/CE/JIS/MHLW or equivalent
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15	OT Lights Double Dome	• Type: Ceiling-mounted, double-dome LED surgical light • Main Dome Illumination: Up to 160,000 lux at 1 meter • Satellite Dome Illumination: Minimum 120,000 lux at meter • Light Intensity: Adjustable through control panel • Color Rendering Index: $Ra \geq 95$ • Color Temperature: Approximately 3,500–5,000 K, fixed or adjustable • Light Field Diameter: Adjustable, approximately 180–300 mm • LED Life: Minimum 50,000 hours • Heat Generation: Low-heat/cold-light technology suitable for prolonged surgery • Shadow Control: Multiple LED sources providing uniform, shadow-reduced illumination • Focus: Manual or electronic adjustment of light field • Movement: Smooth, balanced and drift-free positioning of both domes • Handles: Removable and sterilizable central handles • Construction: Smooth, sealed and easy-to-clean light heads • Compatibility: Suitable for use in operation theatres with laminar airflow systems • Power Supply: 100–240 VAC, 50/60 Hz • Emergency Backup: Battery backup for minimum two hours, or compatible with hospital UPS Installation and Accessories • Ceiling suspension and mounting assembly • Sterilizable handles — minimum 02 sets per dome • Wall-mounted or integrated control panel • Complete wiring, installation and structural mounting • Supplier shall verify ceiling strength and room height before installation Standards and Support • Manufacturer certified to ISO 13485 or equivalent • Valid CE / FDA clearance or equivalent
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16	Oxygen Concentrator	• Type: Stationary medical oxygen concentrator, microprocessor controlled • Technology: Pressure Swing Adsorption • Flow Range: 1–10 L/min, continuously adjustable • Oxygen Concentration: 90% or better throughout the specified operating flow range • Flowmeter: Clearly graduated with adjustable control • Oxygen Purity Indicator: Continuous oxygen-concentration monitoring Alarms and Safety • Audible and visual alarms for; Low oxygen concentration, Power failure, High temperature, High/low pressure, System malfunction, Automatic thermal-overload protection, Circuit breaker or electrical-overload protection. General Requirements • Noise level: ≤ 50 dBA • Replaceable air-intake and bacterial filters • Built-in operating-hours meter • Supplied with humidifier bottle • Four castors, minimum two lockable • Suitable for continuous operation Power and Accessories • 220–240 VAC, 50 Hz • Humidifier bottle — 02 • Oxygen tubing — 02 sets • Adult nasal cannula — 05 • Paediatric nasal cannula — 05 • Spare filter set — 01 • Power cable and user manual Compliance Certification: CE/FDA or equivalent
17	Pulse Oxymeter	Technical Specification: Handheld/portable Pulse Oximeter (battery operated) with external SpO₂ sensor Fingertip pulse oximeter * SpO₂ Range: 0%-100% * SpO₂ Accuracy: $\pm 2\%$ or better * Pulse Rate Range: 30bpm-250bpm. * Pulse Rate Accuracy: ± 3 bpm (non-motion); ± 5 bpm (motion)± 2bpm. * Perfusion Index: 0.1% - 10% * Display Format: LCD/LED Display. • Pulse Oximeter with Plethysmograph waveform. Certification: CE/FDA approved or equivalent
18	Stethoscope (Adult)	1. Suitable for adult patients. 2. Dual-head chest piece (diaphragm and bell). 3. Stainless steel or aluminum chest piece. 4. Soft ear tips for comfortable use. 5. Flexible and durable tubing. 6. Clear sound transmission for heart, lung, and bowel sounds. 7. Lightweight and easy to carry. 8. Easy to clean and disinfect. 9. Complete with all standard accessories.

19	Stethoscope (Baby)	1. Suitable for preterm patients. 2. Dual-head chest piece (diaphragm and bell). 3. Stainless steel or aluminum chest piece. 4. Soft ear tips for comfortable use. 5. Flexible and durable tubing. 6. Clear sound transmission for heart, lung, and bowel sounds. 7. Lightweight and easy to carry. 8. Easy to clean and disinfect. 9. Complete with all standard accessories.
20	Suction Machine	1. Should have ability to be used in the emergency dept, intensive care, and operating theatre 2. The pump should have accurate vacuum setting. 3. Should have vibration free and noiseless operation less than 50 dB 4. The vacuum range should start from -95 KPa / 713 mmHg or better. 5. The flow rate 50 liter/min or better. Power Requirement: 1. Line Voltages 100-240 VAC Line Frequency 50/60Hz 2. Should be supplied with: Two reusable suction jars of 5 liters 3. Mobile Trolley Original with two lockable castors 4. Antibacterial Filter Clamp Holder 5. Disposable Patient Tubing Power Cord Operating Manual Compliance: Safety Standards: Meets international safety certifications such as CE/FDA, and ISO 13485 or equivalent Electrical Safety: Complies with IEC 60601-1 and other electrical safety standards for medical devices or equivalent Over flow protection: Float shut-off/overflow protection system to prevent aspirated fluids from entering the pump, with bacterial/antibacterial hydrophobic filter.

21	General OT Setup	OT Table Electrically operated multipurpose operating table suitable for Obstetrics/Gynecology and General Surgical Procedures, capable of multiple positional adjustments including leg, back, height, tilt, and lateral movements etc. Functional Movements and Adjustments • Back raise: +60° / -40° or better • Head section: +45° / -90° or better • Hi-low adjustment from 680 mm to 1020 mm or better • Hi-low range: 340 mm or better • Leg Section: +18° / -90° / 110° (outwards) or better • Trendelenburg/Reverse Trendelenburg: ± 25° or better • Lateral Tilt: ± 25° or better • Auto zero position Tabletop Specifications • Tabletop length 2000 mm or better • Tabletop width 500 mm or better • Tabletop height 680 mm to 1020 mm or better Mattress • High-density foam mattress • Antistatic, waterproof, and easy to clean Drive and Control System • Power supply: 220–240 VAC, 50/60 Hz • Electrically operated through handheld remote control • Provision of backup control (handset/foot pedal) in case of emergency • Drive system should be Electro-Hydraulic / Electro-Mechanical which should be quiet, smooth, and jerk free • All operations performed through remote control and auxiliary control system Standard Accessories • Lithotomy leg holders with clamps — 01 pair • Arm boards with clamps — 02 • Anaesthesia screen with clamp — 01 • Body strap — 01 • Shoulder supports — 01 pair • Lateral supports — 01 pair • Removable head and leg sections • Power cable and all required accessories Construction and Material • Stainless-steel base and exposed metallic components • Easy-to-clean and disinfect construction • Antistatic, waterproof and seamless mattress • Heavy-duty castors with central locking or braking system Standards • ISO 13485 or equivalent • Certificated from FDA/CE/JIS/MHLW or equivalent OT Light Double Dome: • Type: Ceiling-mounted, double-dome LED surgical light • Main Dome Illumination: Up to 160,000 lux • Satellite Dome Illumination: Minimum 120,000 lux • Light Intensity: Adjustable through control panel • Color Rendering Index: Ra ≥95 • Color Temperature: Approximately 3,500–5,000 K, fixed or adjustable • Light Field Diameter: Adjustable, approximately 180–300 mm • LED Life: Minimum 50,000 hours • Heat Generation: Low-heat/cold-light technology suitable for prolonged surgery
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- Shadow Control: Multiple LED sources providing uniform, shadow-reduced illumination
- Focus: Manual or electronic adjustment of light field
- Movement: Smooth, balanced and drift-free positioning of both domes
- Handles: Removable and sterilizable central handles
- Construction: Smooth, sealed and easy-to-clean light heads
- Compatibility: Suitable for use in operation theatres with laminar airflow systems
- Power Supply: 100–240 VAC, 50/60 Hz
- Emergency Backup: Battery backup for minimum two hours, or compatible with hospital UPS

Installation and Accessories

- Ceiling suspension and mounting assembly
- Sterilizable handles — minimum 02 sets per dome
- Wall-mounted or integrated control panel
- Complete wiring, installation and structural mounting
- Supplier shall verify ceiling strength and room height before installation

Standards and Support

- Manufacturer certified to ISO 13485 or equivalent
- Valid CE marking, FDA clearance or equivalent recognized approval
- Compliance with IEC 60601-1 and IEC 60601-2-41
- Installation, testing, commissioning and user training included

Defibrillator:

General

- Type: Portable biphasic defibrillator with integrated ECG monitor and thermal recorder
- Operating Modes: Manual defibrillation, Synchronized cardioversion, AED, ECG monitoring, Non-invasive pacing
- Display: Color LCD/TFT, minimum 5 inches
- Waveform: Biphasic truncated exponential or equivalent

Defibrillation

- Energy selection suitable for adult and paediatric patients
- Maximum energy: at least 200 J; up to 360 J acceptable
- Charging time: ≤6 seconds to 200 J
- Energy selection, charging and shock controls on front panel and/or external paddles
- Clear charging and shock-ready indication
- Synchronized shock delivery with ECG
- Adult paddles with integrated or detachable paediatric paddles
- Defibrillation through paddles and multifunction adhesive pads

ECG and Pacing

- ECG monitoring through paddles/pads and 3/5-lead patient cable
- Display of heart rate and ECG waveform
- Selectable ECG leads
- Adjustable high- and low-heart-rate alarms
- Demand and fixed-mode non-invasive pacing
- Adjustable pacing rate and current

Recorder and Safety

- Built-in thermal recorder for ECG and event summary
- Automatic self-test with status indication
- Audible and visual alarms
- Low-battery and power-status indication
- Defibrillator-protected ECG input

Power Supply

- 100–240 VAC, 50/60 Hz

- Built-in rechargeable battery capable of at least 100 shocks at 200 J or minimum two hours of monitoring

Accessories:

- Adult/pediatric external paddle set — 01
- 3/5-lead reusable ECG patient cable — 01
- Adult multifunction defibrillation/AED pads — 02 pairs
- Pediatric multifunction pads — 01 pair
- Pacing cable, if separate — 01
- Thermal paper rolls — 05
- Power cable and all required accessories

Standards and Support

- Manufacturer certified to ISO 13485
- Valid CE marking, FDA clearance or equivalent recognized regulatory approval
- Compliance with IEC 60601-1 and IEC 60601-2-4 or equivalent
- Minimum two-year warranty
- Installation, commissioning and user training included

Cardiac Patient Monitor:

Application: Suitable for adult, paediatric and neonatal patients

- Display: Minimum 12-inch color LCD/TFT touchscreen
- Waveforms: Display of at least six simultaneous waveforms
- Protection: Defibrillator-proof and electrosurgical-interference protection

Standard Parameters, ECG and heart rate, Non-invasive blood pressure, SpO₂ and pulse rate, Respiratory rate, Dual temperature.

ECG

- 3-lead and 6-lead ECG monitoring or better
- Lead selection: I, II, III, aVR, aVL, aVF and V
- Arrhythmia analysis and ST-segment monitoring
- ECG freeze and cascade display

Non-Invasive Blood Pressure

- Oscillometric measurement method
- Display of systolic, diastolic and mean pressure
- Manual and automatic measurement modes
- Accuracy: ± 5 mmHg or better
- Supplied with neonatal, paediatric, adult and large-adult cuffs

SpO₂, Respiration and Temperature

- SpO₂ range: 0–100%
- Plethysmographic waveform and pulse-strength indication
- Impedance respiration with adjustable apnoea alarm
- Two temperature channels with °C/°F selection

Data and Alarms

- Graphical and tabular trends for minimum 120 hours
- Storage of minimum 1,000 patient records
- Adjustable audible and visual alarms for all parameters
- Alarm-silence facility with visual indication
- LAN connectivity and provision for central monitoring

Power Supply

- 100–240 VAC, 50/60 Hz
- Rechargeable battery backup of minimum two hours or more

Accessories

- 3-lead and 5-lead ECG cables
- Adult, pediatric and neonatal SpO₂ sensors
- Neonatal, pediatric, adult and large-adult NIBP cuffs

- Two reusable temperature probes
- Wall mount or mobile stand
- All required cables and accessories

Standards and Support

- Manufacturer certified to ISO 13485 or equivalent
- Valid CE marking, FDA clearance or equivalent recognized approval
- Compliance with IEC 80601-2-49 or equivalent
- Minimum two-year comprehensive warranty
- Installation, commissioning and user training included

Oxygen Concentrator:

General

- Type: Stationary medical oxygen concentrator, microprocessor controlled
- Technology: Pressure Swing Adsorption
- Flow Range: 1–10 L/min, continuously adjustable
- Oxygen Concentration: 93% $\pm$ 3% throughout the specified operating flow range
- Flowmeter: Clearly graduated with adjustable control
- Oxygen Purity Indicator: Continuous oxygen-concentration monitoring

Alarms and Safety

- Audible and visual alarms for; Low oxygen concentration, Power failure, High temperature, High/low pressure, System malfunction, Automatic thermal-overload protection, Circuit breaker or electrical-overload protection.

General Requirements

- Noise level: $\leq$ 50 dBA
- Replaceable air-intake and bacterial filters
- Built-in operating-hours meter
- Supplied with humidifier bottle
- Four castors, minimum two lockable
- Suitable for continuous operation

Power and Accessories

- 220–240 VAC, 50 Hz
- Humidifier bottle — 02
- Oxygen tubing — 02 sets
- Adult nasal cannula — 05
- Paediatric nasal cannula — 05
- Spare filter set — 01
- Power cable and user manual

Standards and Support

- Manufacturer certified to ISO 13485 or equivalent
- Valid CE marking, FDA clearance or equivalent recognised approval
- Compliance with ISO 80601-2-69 or equivalent
- Minimum three-year comprehensive warranty
- Installation, commissioning and user training included
- Availability of filters, spare parts and technical support for at least seven years

Suction Machine for OT:

General

- Electric Suction Machine — Operation Theatre
- Type: Mobile, electrically operated surgical suction machine
- Application: Suitable for operation theatre and emergency procedures
- Vacuum Range: Up to at least –90 kPa / 675 mmHg
- Flow Rate: Minimum 40–60 L/min
- Vacuum Control: Adjustable regulator with clear vacuum gauge
- Operation: Oil-free, low-vibration and low-noise pump
- Noise Level: $\leq$ 55 dBA

- Duty: Suitable for continuous or prolonged operation

Safety Features

- Overflow protection system
- Hydrophobic/antibacterial filter
- Vacuum relief valve
- Thermal and electrical overload protection
- Non-return valve to prevent fluid entry into pump

- Collection Jars
- Reusable, autoclavable suction jars — 02
- Capacity: 3–5 litres each
- Graduated markings and secure lids
- Jar-changeover system for uninterrupted suction

- Mobility and Power
- Mobile trolley with four castors, minimum two lockable
- 220–240 VAC, 50 Hz
- Power-status indicator

- Accessories
- Reusable suction jars — 02
- Hydrophobic bacterial filters — 05
- Patient suction tubing — 05 sets
- Yankauer suction handle — 02
- Foot-operated on/off switch preferred
- Power cable and operating manual

- Standards and Support
- Manufacturer certified to ISO 13485 or equivalent
- Valid CE marking, FDA clearance or equivalent recognized approval
- Compliance with ISO 10079-1 and applicable electrical-safety standards
- Minimum three-year comprehensive warranty
- Installation, commissioning and user training included

Electrosurgical Diathermy Unit:

General:

- Type: Microprocessor-controlled, high-frequency electrosurgical unit
- Functions: Monopolar and bipolar cutting/coagulation
- Operating Modes: Pure cut, Blend cut, Forced coagulation, Soft coagulation, Spray coagulation, Bipolar coagulation.

Output Power:

- Monopolar cutting: 300 W or more
- Monopolar coagulation: 100 W or more
- Bipolar coagulation: 50 W or more
- Adjustable power settings with digital display

Safety and Control:

- Automatic self-test at startup
- Patient return-electrode monitoring system
- Automatic output interruption in case of poor return-electrode contact
- Audio and visual alarms for system faults
- Error-code display
- Protection against defibrillator discharge
- Isolated bipolar output
- Footswitch and hand-control operation

Power Supply:

- 220–240 VAC, 50 Hz
- Applied-part classification: CF type
- Minimum enclosure protection: IPX1 or better

Accessories:

- Monopolar double-pedal footswitch — 01
- Bipolar footswitch — 01
- Reusable monopolar hand pencil with cable — 02
- Reusable bipolar forceps with cable — 01
- Monopolar electrode set, including ball, blade, needle and loop — 01 set
- Patient return-electrode cable — 01
- Disposable split return-electrode pads — minimum 20
- Mobile trolley with four antistatic castors, minimum two lockable — 01
- Power cable and all required accessories

Standards and Support

- Manufacturer certified to ISO 13485 or equivalent
- Valid CE marking, FDA clearance or equivalent recognized regulatory approval
- Compliance with IEC 60601-1 and IEC 60601-2-2
- Minimum three-year comprehensive warranty
- Installation, commissioning and user training included

Emergency Resuscitation Trolley:

- Type: Mobile emergency resuscitation/crash cart suitable for operation theatres
- Construction: Durable, corrosion-resistant metal or medical-grade polymer body
- Mobility: Four antistatic castors, minimum two lockable
- Drawers: Minimum five lockable, clearly labelled drawers for emergency medicines and supplies
- Work Surface: Smooth, easy-to-clean top surface with raised edges
- Defibrillator Platform: Adjustable top shelf suitable for monitor/defibrillator
- CPR Board: Removable rigid cardiac massage board
- IV Pole: Adjustable stainless-steel IV pole
- Oxygen Cylinder Holder: Secure holder for one oxygen cylinder
- Suction Mount: Provision for mounting suction apparatus or suction jar
- Accessory Holders: Sharps container holder, Waste-bin holder, Catheter/accessory storage basket, Power extension board with cable management
- Security: Central locking system with breakaway seal and emergency access
- Identification: Color-coded and labelled drawers for airway, breathing, circulation, medicines and IV supplies
- Dimensions: Suitable for easy movement through standard OT doors
- Load Capacity: 100 kg or more
- Accessories: CPR board, IV pole, oxygen-cylinder holder, defibrillator shelf, waste bin and drawer dividers
- Warranty: Minimum three year
- Supply Requirement: Trolley to be supplied complete and ready for placement of emergency drugs and resuscitation equipment

Patient Bed — Recovery/Preparation Room:

- Type: Manual hospital bed with adjustable backrest
- Size: Approximately 2,000 × 900 mm
- Backrest Adjustment: 0–70° or better
- Safe Working Load: Minimum 180 kg
- Removable ABS/stainless-steel head and foot panels
- Collapsible side rails on both sides
- Four heavy-duty castors, minimum two lockable
- IV pole and urine-bag hooks
- Waterproof, fire-retardant, washable mattress, minimum 100 mm thickness
- Corrosion-resistant, easy-to-clean frame
- Compliance with applicable medical-bed safety standard
- Minimum three-year warranty

Laparotomy Instrument Set:

- Scalpel handles No. 3 and No. 4 — 01 each

- Mayo scissors, straight and curved, 6–7" — 01 each
- Metzenbaum scissors, curved, 7–9" — 01
- Mayo-Hegar needle holders, 7–9" — 02
- Toothed tissue forceps, 6–8" — 02
- Non-toothed tissue forceps, 6–8" — 02
- Mosquito artery forceps, curved — 06
- Kelly/Crile artery forceps, curved — 12
- Kocher forceps, curved — 06
- Allis tissue forceps, 8–9" — 06
- Babcock tissue forceps, 8–9" — 04
- Sponge-holding forceps — 04
- Towel clips — 06
- Doyen intestinal clamps, straight/curved — 02 pairs
- Langenbeck retractors, assorted sizes — 04
- Deaver retractors, assorted sizes — 03
- Richardson retractors — 02
- Self-retaining abdominal retractor — 01
- Suction cannula — 02
- Gallipot, kidney tray and instrument tray with lid — 01 each

Caesarean Section Instrument Set:

- Scalpel handles No. 3 and No. 4 — 01 each
- Mayo scissors, straight and curved — 01 each
- Metzenbaum scissors, curved — 01
- Mayo-Hegar needle holders — 02
- Toothed and non-toothed tissue forceps — 02 each
- Mosquito artery forceps — 06
- Kelly/Crile artery forceps — 12
- Kocher forceps — 06
- Allis forceps — 06
- Babcock forceps — 04
- Sponge-holding forceps — 04
- Towel clips — 06
- Green-Armytage uterine forceps — 06
- Doyen bladder retractor — 01
- Doyen abdominal retractors — 02
- Langenbeck retractors — 02
- Suction cannula — 02
- Umbilical cord scissors — 01
- Kidney tray, gallipot and instrument tray with lid — 01 each

Laryngoscope Set:

- Type: Reusable fiber-optic or LED conventional laryngoscope
- Adult handle — 01
- Pediatric/slim handle — 01
- Macintosh curved blades:
 - o Size 2 — 01
 - o Size 3 — 01
 - o Size 4 — 01
- Miller straight blades:
 - o Size 0 — 01
 - o Size 1 — 01
 - o Size 2 — 01
- Interchangeable blades and handles
- Bright LED/fibre-optic illumination
- Blades reusable and autoclavable
- Spare lamps/light modules and batteries — 01 set
- Supplied in protective carrying case
- Compliance with ISO 7376 or equivalent
- Minimum three-year warranty

22	Electronic Fridge for Emergency Medicines	Capacity: 150 – 250 Liters net storage capacity Refrigeration Technology: DC inverter/variable-speed compressor or equivalent energy-efficient technology, suitable for continuous operation and maintaining +2°C to +8°C. Refrigerant: CFC/HCFC-free, environmentally friendly refrigerant. Display: Digital LED/LCD with clear visibility Temperature Controller: Digital Thermostat Door: Single door, Solid insulated or transparent glass door, lockable. Shelves: 4 – 5 Shelves (Adjustable) Horizontal Power Supply: 220 – 240 v (AC Inverter) Must be supply with Base Stand.
23	Electronic Fridge for Medicines	Capacity: 150 – 250 Liters net storage capacity Temperature Range: Adjustable +2°C to +8°C Display: Digital LED/LCD with clear visibility Temperature Controller: Digital Thermostat Door: Single door, Solid insulated or transparent glass door, lockable. Shelves: 4 – 5 Shelves (Adjustable) Horizontal Power Supply: 220 – 240 v (AC Inverter) Must be supply with Base Stand
24	Oxygen Cylinder	Type: New seamless steel medical oxygen cylinder Capacity: 240 CFT nominal Service: Medical oxygen Valve: Medical oxygen-compatible standard valve Safety: Valid hydrostatic pressure test and inspection certificate Marking: Gas type, capacity, serial number, manufacturer and test/manufacturing date permanently marked Standard: Compliant with applicable national/international cylinder safety standards Accessories: Protective valve cap included
25	Oxygen Cylinder Flow Meter	Flow Rate: 0–15 LPM Pressure Gauge: 0–3000 PSI with color-coded indicators Outlet Pressure: Regulated to 50 PSI for safe use Flow Control: Adjustable knob with a floating ball indicator Humidifier Bottle: 200–250 ml capacity, made of durable polycarbonate Material of flow meter frame: Brass, aluminum, or stainless steel with chrome plating Connection Type: compatible with all type of cylinders Safety Features: Overpressure relief valve, anti-backflow design
26	Pharmaceutical Refrigerator	Capacity: 150 – 250 net storage capacity Refrigeration System: Energy-efficient DC inverter compressor or equivalent variable-speed compressor technology, suitable for continuous operation and capable of maintaining +2°C to +8°C temperature stability. Refrigerant: Environmentally friendly, CFC/HCFC-free refrigerant, compliant with applicable environmental regulations. Compressor: Heavy-duty, energy-efficient compressor suitable for continuous pharmaceutical storage operation. Display: Digital LED/LCD with clear visibility Temperature Controller: Digital Thermostat Door: Single door, Solid insulated or transparent glass door, lockable. Shelves: 4 – 5 Shelves (Adjustable) Horizontal Power Supply: 220 – 240 v (AC Inverter) Must be supply with Base Stand.

Lot 02 - Bio-Medical Equipment

1	Anesthesia Work Station (Machine) with Ventilator	Technical Specification: 1. Gas Supply • Pipeline pressure: 3–6 bar. • Connections for O₂, N₂O, Medical Air and Vacuum. • Non-interchangeable gas pipeline inlets. • Pin-indexed cylinder yokes for O₂ and N₂O, minimum one each. • Pipeline/cylinder pressure gauges for O₂, N₂O and Air. • Gas hoses for O₂, N₂O and Air. • Rotameter/electronic flow control for O₂, N₂O and Air with hypoxic guard system. • Common Gas Outlet (CGO). • Auxiliary O₂ outlet: minimum one. • Oxygen flush: ≥30 L/min or better. • Built-in O₂ monitoring system. 2. Workstation & Construction • Stainless steel/fibre work surface. • Central gas/electronically driven system. • Minimum 2 heavy-duty lockable castors. • Minimum 2 drawers. • Minimum 2–4 electrical outlets. • Absorber bag support arm. • Side arm for patient monitor attachment. 3. Suction & Scavenging • Built-in high-vacuum suction controller with receiver jar. • Built-in active AGSS, compatible with hospital scavenging system. 4. Vaporizer • Minimum 2 compatible vaporizer mounting positions, or equivalent configuration. • Flow and temperature compensated. • Compatible with Isoflurane. • Service-free design. • Interchangeable/non-proprietary design. • FDA 510(k), CE or equivalent recognized approval. 5. CO₂ Absorber & Breathing System • CO₂ absorber capacity: ≥1.5 L. • Autoclavable absorber canister. • Breathing system reusable and autoclavable. • Adult, paediatric and neonatal compatibility. • Latex-free breathing components. 6. Ventilator • Minimum 08-inch or better color LCD/TFT touch screen. • Adult, paediatric and neonatal ventilation. • Single/dual waveform display. • Modes: MAN, SPONT, VCV, PCV and PSV. • Anti-barotrauma and anti-volutrauma protection. • Tidal volume: 05-1200 mL or better. • Respiratory rate: 4–80 bpm or better. • I:E ratio: I:E ratio compatible. • PEEP: 4–20 cmH₂O or better. • Latex-free bellows. 7. Monitoring • Minimum monitored parameters: • Expired tidal volume • Respiratory rate • Minute volume • PIP • Plateau pressure • PEEP • Mean airway pressure • Airway pressure 8. Flow Sensor
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	• Built-in autoclavable/reusable flow sensor. Compatible with adult, paediatric and neonatal patients. 09. Alarms & Safety • Audible and visual alarms for: • Low O₂, N₂O and Air pressure. • Apnea. • High/low O₂ concentration. • Upper/lower parameter limits. • Air leak. • Patient disconnection. • O₂ supply failure. • Alarm silence/mute indicator. 10. Electrical Requirements • Input voltage: 100–240 VAC. • Frequency: 50/60 Hz. • Battery backup: ≥2 hours. • Mains and battery indicators. • Time and date display. 11. Standard Accessories • Adult rebreathing patient circuit – 2 sets • Paediatric rebreathing patient circuit – 2 sets • Reusable 2 L breathing bag – 1 No. • Power cord – 1 No. • Isoflurane vaporizer – 1 No. • Side arm for patient monitor – 1 No. • Gas hoses – 1 set • Suction receiver jar – 1 No. 12. Certification & Regulatory Requirements Certifications: ISO 13485 & FDA 510(k) /CE/JIS/MHLW or equivalent
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2	Arterial Blood Gas Analyzer (ABG's)	General Specifications: • Electrodes Based system. • Sample Types: Arterial, venous, capillary blood • Sample Volume: 65–150 µL • Throughput: 20-100 samples/hour • Analysis Time: < 120 seconds per sample • Calibration: Automatic and manual • Data Storage: 10,000+ test results • Connectivity: LIS/HIS, USB, Ethernet • Display: Touchscreen LCD. • Measurable Parameters: Blood Gases: pH, pCO₂, pO₂ Electrolytes: Na⁺, K⁺, Cl⁻, Ca²⁺ (Ionized) • (Calculated): HCO₃⁻, Base Excess (BE), Anion Gap (AG), Total CO₂ Additional Features: • Auto Calibration & Quality Control • Low Sample Volume Requirement • Multi-Parameter Measurement – Blood gases and electrolytes, in one run. • Built-in Printer & Barcode Scanner • Power Requirements: 100-240V, 50/60Hz. • Online UPS with Battery Backup for at least 30 Minutes or better • Onboard life of reagents should not be less than 30-45 days. • Shelf life of reagent should not be less than one year. • System should be a cartridge based or equivalent integrated reagent system • Compliance: Safety Standards: Meets international safety • Certifications: Should FDA/CE approved or equivalent • Electrical Safety: Electrical safety standards for medical devices if applicable
3	Autoclave	Sterilizer Specifications: Type: Vertical, Single Chamber Capacity: 50-70 or better Litres Control System: Microcontroller-based temperature control and monitoring system for precise regulation. Safety Features: 1. Hand wheel type door with safety lock system 2. Digital LCD display with keypad 3. Auto discharge the cool air, and steam discharging automatically after sterilization 4. Automatic shutdown with beep sound as sterilization completes 5. Auto power cut in case of water shortage 6. Over-temperature & over pressure auto-protection 7. Must be supplied with 02 Stainless steel baskets Pressure Gauges: At least two pressure gauges for steam monitoring. Safety Valves: More than one safety valve for overpressure protection. Shifting Valve: One shifting valve for transferring steam between the jacket and chamber areas to ensure proper operation. Operating Source: Electric heater for reliable and efficient heating. Compliance and Standards: Certifications: ISO 13485 & CE/FDA approved or equivalent

4

Cardiac Monitors

Monitor for Adult / Paeds / Neonates. Operating Features and

Characteristics:

Screen Size: At least 10" diagonal (Touch / Keypad Operated) with non-fade LCD / TFT LCD / LED color display. Electro-Surgical Interference Suppression / Protection. Defibrillator Protection. Freeze and Cascade Facility

Waveform: Six wave forms or more. Waveform Traces Speed: 25 & 50 mm / sec or better

Parameters:

ECG Input: 3&5-lead ECG cable and standard AAMI line for connection.

Lead Choice: I, II, III, aVR, aVF, aVL, V, V1-V6, . Numeric: Heart Rate. Real time, and freeze ECG Trace.

ECG HR range up to 300 bpm or better

HR accuracy $\pm 1\%$ or ± 1 bpm or better

Non-Invasive Blood Pressure (NIBP):

Method: Oscillometric Principle. Numeric: Systolic, Diastolic, and Mean Pressure. Selectable auto inflate interval settings . Rising Cuff / Continuous Pressure Display

NIBP Accuracy: ± 5 mm HG or better

Invasive Blood Pressure (IBP): IBP Two or more Channels (must be quoted as optional)

Temperature Range: 25°C to 50°C or better

Numeric: Temperature selectable in °C / °F

Pulse Oximetry: Numeric: 0 – 100% oxygen saturation measuring range . Waveform-Plethysmograph Pulse with Pulse Strength Indication

Arrhythmia Analysis: Arrhythmia Analysis and ST Analysis

Respiration: Breath Rate display and settable apnea alarms . Sweep

Speed: 6.25, 12.5 mm / sec or better

Other Parameters: Built-in rechargeable battery with 2 or more-hour battery backup

Monitor should have ability to add module or other optional features like EtCO₂, Agent monitoring and IBP up to 4 channels. Trend Data: Graphical / Tabular with at-least 48 hours' or better

Should have feature for the connectivity with the Central monitoring station

Alarms: High & Low (settable) on all parameters with silence option.

Visual and audible indication of alarms

Communication: Capability to interface with LAN / WLAN, HL7 or better for data transfer

Accessories: The system must be complete with all reusable (sensors, probes, cables, or any other accessories) required for measuring all the above selected parameters for Adult, Paeds and Neonates Reusable Cuffs (Latex Free) of all available sizes of all body contours (1 each of all accessories and reusable items)

Should have capacity to store the patient data upto 2000 or better.

Height and tilt adjustable wall mounts and medical grade construction.

Note: Monitor stand installation and Monitor attachment with wall stand is the responsibility of supplier/vendor.

Power Requirement:

Line voltages: 100-240VAC

Line Frequency: 50/60 Hz

Certifications: ISO 13485 & FDA 510(k) /CE/JIS/MHLW or equivalent

5	Centrifuge Machine	Maximum capacity: 8/12 x 15 mL or more Maximum speed: 300-5000 rpm, adjustable in increments of 100 rpm Time setting: 1-99 minutes, in increments of 1 minute; Control system: Microprocessor User interface: Large, brightly-lit LED display Noise level: <55 dBA Power Supply (VAC/ Hz): 220-240 VAC/ 50 Hz Rotor: Fixed angle or swing rotor suitable for 15 ml tubes Safety: lid locking system, overspeed protection, imbalance detection system Compliance: Safety Standards: Meets international safety certifications such as CE/FDA, and ISO 13485 or equivalent
6	Defibrillators	Defibrillator with integrated color monitor and recorder, capable of operating in Manual, Monitor, AED and Pacing mode, designed for emergency cardiac care with reliable performance, patient safety features, and portability with Bi-Phasic waveform delivery system, ECG through paddles and patient cable. 1. Display: LCD display of adequate size for clean visualization of ECG, Vital parameters with Screen Size minimum 6 inches or better 2. Output: Synchronized output with ECG. 3. Selection Mode A: or External Defibrillation Energy Selection & Delivery on Control Panel and / Or External Paddles 4. Selection Mode B: For Internal Defibrillation Energy Selection on Control Panel and / Or Internal Paddles and Delivery must be on Internal Paddles 5. Charging Indicator 6. Range: The energy range should be adjustable for Neonates, Paeds and Adults up to 360J or better 7. Charging Time: Charging Time should be <3 seconds to 200 J or better. 8. Display Mode: Display of HR, ECG through paddles and Lead I, II & III patient cable, ECG monitoring through paddles/pads and 3/5-lead ECG patient cable or better. (Quoted as optional) 10. Built-in recorder for printing of full summary 11. Alarms for High and low Heart rate, low battery warning 12. Auto Tester / Self-Check 13. External Paddles (Adult and Paeds) 14. AED Facility with Cable 15. Pacing Facility 16. Other Parameters: Accessories: 1. Adult and pediatric paddles, 2. ECG patient cable (Compatible), Reusable ECG Electrodes, AED Pads Built-in Rechargeable battery with charger for minimum 100 shocks or equivalent performance as declared by the manufacturer. Power Requirement: 1. Line voltages: 100-240VAC 2. Line Frequency: 50/60 Hz Certifications: ISO 13485 & FDA 510(k) /CE/JIS/MHLW or equivalent

7	ECG Machine (12 Channel)	Technical Specifications: Twelve Channels ECG on at least 5 inches or more Color LCD / LED display Analog to Digital Conversion: >16 bit or better Resolution: Resolution <1 μV/LSB CMRR $\geq$100 dB LCD preview of false lead/noise Full alphanumeric keyboard (Touch/Keypad) Manual and Automatic Operation Variable Gain: 1.25, 2.5, 5, 10, 20, 10/5 mm/mV Interpretation Software both Adult and Paeds Recording Trace speed: 10 / 12.5, 25 and 50 mm / sec or better Defibrillator Protection Built-in battery operation with 3.5 hours or more backup Heart rate range: 30 to 300 bpm or better Noise Filter, High-Performance baseline filter; AC interference filter 50/60 Hz; Low- Pass filters 40Hz, 150 Hz, or 300 Hz Internal storage: up to 500 files or more Thermal Recorder for printing out Twelve Channels simultaneously Operating Requirement: AC 220 V & 50 Hz Securing / fixation to the mobile Cart by strap or other means must be provided Accessories: Complete with all Standard Accessories, including patient cables for Adult & Pediatric use with re-usable electrodes and for Neonatal use with re-usable / disposable electrodes High quality local ECG Mobile Cart with two lockable antistatic castors. Compliance Certifications: ISO 13485 & FDA/CE/JIS/MHLW or equivalent
8	Electrolyte Analyzer	General Specifications: Parameters Measured: Sodium (Na⁺), Potassium (K⁺) & Chloride (Cl⁻) using long-life replaceable/refillable ISE electrodes or manufacturer-equivalent sensor system. Principle: Ion-Selective Electrode (ISE) method. Sample Type: Whole blood, serum, plasma, urine Sample Volume: less than 100 ul or preferably < 50 ul Throughput: 40–100 samples per hour. Calibration: Automatic (1-point or 2-point) or manual. Data Storage: Typically 1000–10,000 results. User Interface: LCD screen with keypad or touchscreen. Printer: Built-in thermal or external printer support. Connectivity: USB, RS232, LIS compatibility. Reagent: Uses specific ISE reagents (calibrators, standard solutions, cleaning solutions). Maintenance: Automated flushing, self-diagnostics. Additional Features Power Requirements: 100-240V, 50/60Hz. Quality Control: Multi-level QC functions. Automatic Cleaning: for electrode maintenance. Online UPS with Battery Backup for 30 Minutes Compliance: Safety Standards: Meets international safety certifications such as CE/FDA, and ISO 13485 or equivalent

9	Hematology Analyzer	WBC Differentiation: 3-part differentiation (lymphocytes, monocytes, granulocytes). Parameters Measured Directly Measured: WBC, RBC, HGB, HCT, MCV, PLT . Calculated: MCH, MCHC, RDW, MPV, PCT, PDW Sample Type: Whole blood, pre-diluted blood. Throughput: Typically 30–60 samples per hour. Sample Volume: <20 µL (whole blood mode), ≤20 µL (pre-diluted mode) Data Storage: Up to 100,000 test results Display: LCD/LED touchscreen or LCD/LED screen with keypad. Communication: USB, RS232, LAN, LIS compatibility. Additional Features Reagents: Typically use three reagents (diluent, lyse, cleaner or two diluent and lyse). Maintenance: Auto cleaning and clog detection systems. Printer: Built-in or external connection support. Power Requirements: 100-240V, 50/60Hz. Online UPS with Battery Backup for 30 Minutes Compliance: Safety Standards: Meets international safety certifications such as CE/FDA, and ISO 13485 or equivalent
10	Lab Incubator	1. Temperature & Capacity • Temperature Range: 05 to 60oC or better • Temperature Control Accuracy: ±0.7°C or better. • Capacity: 60–100 L. • Temperature Setting: °C/°F selectable. • Temperature Display: Digital LED. 2. Temperature Control • PID microprocessor temperature controller. • Forced-air circulation for uniform temperature. • Programmable temperature settings. • Program/data retention in case of power failure. • Over-temperature protection. 3. Construction • Fully insulated stainless-steel inner chamber. • Easy-to-clean interior. • Insulated stainless-steel outer door with 2-point compression locking system. • Inner glass door. • Minimum 2 adjustable racks/shelves. 4. Safety & Alarm • Independent over-temperature protection. • Audible and visual alarm for over-temperature condition. • Temperature monitoring and control system. 5. Electrical Requirements • Operating voltage: 220 V AC, 50 Hz, single phase. 6. Accessories & Documentation • Complete standard accessories. • Operating/User Manual. • Service Manual. Certification: CE/FDA approved or equivalent

11	Lab Microscope	1. Optical System • Infinity-corrected color optics. • Binocular head with adjustable interpupillary distance. • Tube inclination: $\geq 30^\circ$. • Rotating quadruple/quintuple nosepiece. • Bright-field optical system. 2. Objectives • 4× scanning objective. • 10× objective. • 20× objective. • 40× objective. • 100× oil-immersion objective. • Achromatic objectives, infinity-corrected. 3. Eyepieces • 10× wide-field eyepieces, focusable. 4. Stage & Condenser • Two-layer mechanical stage with X-Y movement. • Adjustable condenser carrier. • Vertically/horizontally adjustable bright-field condenser. • Condenser numerical aperture: $NA \geq 1.25$. • Iris aperture diaphragm. 5. Focusing & Controls • Coaxial coarse and fine focusing system. • Focusing stop mechanism. • Variable illumination intensity control. 6. Illumination • LED illumination. • Adjustable light intensity. 7. Electrical Requirements • 220 V AC, 50 Hz. • Suitable power cable supplied. 8. Accessories • Complete standard accessories required for operation. • Immersion oil for 100× objective. • Dust cover. • User/operating manual. Certification: CE/FDA approved or equivalent
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12	Portable Grey Scale Ultrasound Machine with Two Probes	Technical Specification: Display and Imaging: Screen Type: 12 inch or better, high-resolution LED or LCD screen, Keyboard: Alphanumeric with trackball/touch pad Resolution: B/W (Black and White) Grey Scale 256 Imaging with a resolution of 800 x 600 pixels or better. Imaging Modes 2D Imaging: Standard grey-scale imaging for detailed internal structure views. Frame Rate: 20f/s M-Mode: For monitoring fetal heart rates or other moving organs in gynecology. B-Mode: For detailed anatomical imaging, ideal for assessing uterine conditions, ovaries, and pelvic structure. Doppler Mode: Pulsed-Wave (PW) Doppler with adjustable sample. Zoom Functionality: -) For focusing on areas upto 4x or better of interest such as follicles, cysts, or gestational sacs. Image Optimization Features: Automatic Gain Control (AGC): To optimize image clarity. TGC (Time Gain Compensation): Allows user to adjust the brightness of the image at various depths. Harmonic Imaging: Improves image quality by reducing noise and enhancing tissue differentiation. Two active connectors at a single time for convex and TVS probe Transducer/Probe Transducer Type: Convex Probe (2-5 MHz or better) Suitable for abdominal gynecology scans. and TVS (Transvaginal Transducer) 5 - 8 MHz or better. Sign Memory: 256 frames or better Depth: 24 cm or better Power Supply and Battery Power Source: Rechargeable lithium-ion battery, suitable for extended use (typically 2 hours or better on a full charge). Battery Indicator: On-screen battery level indicator. Charging: Fast charging functionality for quick use. AC Power Input: Can be used with standard 110-240V AC power supply for continuous operation in fixed settings. Connectivity and Storage: Image Storage: Internal storage (minimum 500 images) for capturing, saving, and reviewing scans. Cine memory should be available. USB ports for data transfer and storage to external devices (USB drives or cloud services). DICOM compatibility Operating Features: User Interface: Button controls with an intuitive menu for easy operation. Multiple imaging modes with a simple switch for quick adaptation during different types of exams. On-screen Measurements: Measurement tools for gestational age, fetal size, cyst size, ovarian volume, and other important gynecological parameters. Automatic calculation of gestational age, estimated due date (EDD), and other common gynecological calculations. Image Annotation: Option for adding annotations to the images for documentation, such as measurements and patient identifiers. Size and Weight: Compact Design & Lightweight. Dimensions: Typically 30 cm x 25 cm x 15 cm for easy storage and transport . Safety and Compliance: Safety Standards: Meets international safety certifications such as CE/FDA, and ISO 13485 or equivalent. Accessories: Mobile trolley local high quality. Carrying Case. Printer Thermal Printer 256-Gray scale (Sony, Mitsubishi or equivalent). 50 High Density Roll. Compatible Stabilizer
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		Compliance Certifications: ISO 13485 & FDA/CE/JIS/MHLW or equivalent
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13	Semi-Automated Chemistry Analyzer	General Specifications: Operation Type: Semi-automatic, open system. Analysis Method: Photometry (Absorbance, Endpoint, Kinetic, Fixed-time, Turbidimetry). Optical System: Light Source: Halogen/tungsten lamp. Wavelength Range: 340–700 nm (typically 6–8 standard filters). Filters: Interference filters (e.g., 340, 405, 510, 546, 578, 630 nm). Built-in flow cell system with automatic aspiration and programmable aspiration volume. Reading Modes: Endpoint with or without reagent blank. Kinetic with or without linearity check. Two-point kinetic. Absorbance mode. Throughput: 50–80 tests per hour. Sample & Reagent Volume. Sample: <500 µL adjustable Reagent volume: 200–1000 µL adjustable Reagent: 100–1000 µL. Cuvettes: Flow cell or disposable cuvettes. Data Storage: Up to 200–500 1000 or more test results. User Interface: LCD touchscreen or graphical display with keypad. Graphic LCD display with dedicated alphanumeric keypad. Printer: Built-in thermal or external printer support. Connectivity: RS232, USB, or LIS compatibility. Additional Features. Reagents: Compatible with open-system reagents. Calibration: Multi-point calibration. Maintenance: Automatic lamp monitoring, self-diagnostic function. Power Requirements: 100-240V, 50/60Hz. Online UPS with Battery Backup for 30 Minutes Compliance: Safety Standards: Meets international safety certifications such as CE/FDA, and ISO 13485 or equivalent Electrical Safety: Complies with IEC 60601-1 and other electrical safety standards for medical devices.
14	Water Bath	General Specification: • Microprocessor PID-temperature controller. • Exterior body of steel sheet. • Double skinned tank. • Inner case made of stainless steel perforated stainless steel bottom tray. • Temperature control for regulation of temperature gabled lid. • Power Source: 220V – 240 V, • 50HZ AC User Adjustable Settings: • Capacity: 20-25 Liters. • Adjustable temperature range from +5C above ambient up to 100OC • Temperature accuracy of + 1% Displayed Parameters. • Built in thermometer. • Digital display of temperature and time Adjustable timer for time setting. • Fault indication system. • Over temperature protection system Accessories: • Three Racks of different sizes Compliance: CE/FDA, and ISO 13485 or equivalent

Lot 03 - Specialized Medical Equipment

1	Diathermy Machine	1. General • Microprocessor-controlled electrosurgical unit for monopolar and bipolar cutting/coagulation. • RF-based operation with modern pulse technology. • Automatic self-test at start-up with error detection and alerts. 2. Power Output • Monopolar Cutting: ≥ 300 W or better • Monopolar Coagulation: ≥ 100 W or better • Bipolar Coagulation: ≥ 100 W or better • Spray Coagulation: ≥ 120 W or better • Blend Cutting: ≥ 100 W or better with adjustable cutting/coagulation levels. • Vessel Sealing: ≥ 150 W or better, capable of sealing vessels up to 7 mm. 3. Display & Controls • Minimum 5-inch or better digital color touchscreen. • Display of selected cutting/coagulation modes and power settings. 4. Safety & Alarms • Audible and visual alarms with error messages. • Return Electrode Monitoring (REM) system. • Automatic generator shut-off in case of poor patient/return-electrode contact. • Protection against electric shock: CF Class applied part. 5. Electrical & Protection • Power supply: 220–240 VAC, 50 Hz. • Water protection: IPX1 or better. 6. Standard Accessories • Dual footswitch – Monopolar • Single footswitch – Bipolar • Electrode handpiece • Multipurpose electrodes: ball, loop, straight knife and needle • Patient/return electrode cable • Patient return electrode: compatible with the generator's Return Electrode Monitoring/Contact Quality Monitoring system; supplied with compatible cable. • Power cable • Mobile cart/trolley • Compatible vessel-sealing instrument/forceps capable of sealing vessels up to 7 mm, supplied with required cable/connector. Certifications: ISO 13485 & FDA 510(k) /CE/JIS/MHLW or equivalent
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2	Infant Incubator	• Type: Mobile, servo-controlled neonatal incubator • Application: Thermal care of preterm and low-birth-weight newborns • Temperature Control: Air and skin/servo modes • Temperature Range: Approximately 25–38°C • Accuracy: $\pm 0.5^{\circ}\text{C}$ or better • Display: Digital display of set temperature, air temperature and skin temperature • Humidity: Adjustable humidity control suitable for Neonatal care, with stable and uniform humidity regulations. It should be automatic with built-in humidity sensors for continuous monitoring. • Oxygen: Provision for connection to external oxygen supply; built-in oxygen concentration monitoring preferred. Oxygen monitoring system should be mandatory. • Air Circulation: Quiet forced-air circulation with uniform temperature distribution • Built in weight measuring capacity. Integrate weighing facility for the infant with suitable measuring for neonatal use. • Canopy: Transparent, double-wall acrylic/polycarbonate hood • Access: Multiple hand / access ports and front access panel, suitable for routine neonatal care and procedure. • Mattress Platform: Adjustable tilt with waterproof, easy-to-clean mattress • Alarms: Audible and visual alarms for: • High/low temperature • Skin-probe failure • Fan failure • Power failure • System malfunction • Safety: Independent over-temperature protection. Built-in automatic shutdown & alert system for over temperature. • Mobility: Height-adjustable trolley with four castors, minimum two lockable • Power Supply: 220–240 VAC, 50 Hz • Battery Backup: It should be for continued operations during power outage. • Accessories: Skin probes — 02, IV pole, storage shelf/drawer and power cable • Standards: ISO 13485, valid CE/FDA or equivalent approval, compliance with IEC 60601-2-19 Installation, commissioning and user training included Compliance: Safety Standards: Meets international safety certifications such as CE/FDA, and ISO 13485 or equivalent
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Infant warmer with Resuscitation Trolley**General Specification:**

- Type: Mobile, open-care infant radiant warmer suitable for newborn stabilization and resuscitation
- Heating Source: Overhead infrared/ceramic radiant heater with uniform heat distribution

Operating Modes:

- Servo/skin temperature control, Manual heat control, Pre-warm mode
- Temperature Range: Suitable for neonatal thermal management, with servo-controlled skin temperature setting approximately 35–37.5°C or wider as per manufacturer specifications.
- Temperature Accuracy: $\pm 0.5^\circ\text{C}$ or better
- Display: Digital display of skin temperature, set temperature and heater output
- Skin Probe: Reusable neonatal temperature probe — 02

Safety and Alarms Audible and visual alarms for: High/low skin temperature, Probe disconnection or failure, Over-temperature, Power failure, System malfunction, Automatic heater shut-off in case of excessive temperature, Automatic self-test at startup

Infant Bed and Trolley

- Transparent, fold-down side panels for access from all sides
- Infant mattress, waterproof, seamless and easy to disinfect
- Mattress platform with adjustable tilt for Trendelenburg/reverse Trendelenburg
- Examination light
- Storage shelf/drawer and instrument tray
- IV pole
- Four castors, minimum two lockable
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Resuscitation Facilities

- Integrated/compatible mounting and storage for neonatal resuscitation equipment, including a neonatal T-piece resuscitator or equivalent positive-pressure ventilation system, self-inflating neonatal bag-mask set, and oxygen-air blender where applicable.
- Oxygen flowmeter with humidifier and tubing
- Suction regulator with collection jar
- Provision for mounting pulse oximeter or patient monitor

Power Supply

- 220–240 VAC, 50 Hz
- Battery backup for display and alarms preferred

Certification: CE/FDA approved or equivalent

4	Infusion Pump	General Specification: • Type: Microprocessor-controlled volumetric infusion pump • Flow Rate: 1–1,200 mL/hour or wider, adjustable in 0.1 or 1 mL/hour increments • Display: Digital LCD/LED showing flow rate, infused volume, remaining volume and alarm status • KVO Rate: Adjustable approximately 1–5 mL/hour • Infusion Modes: Rate/volume mode and time-based infusion mode • Accuracy: $\pm 5\%$ or better • Occlusion Detection: Adjustable pressure levels • Air-in-Line Detection: Adjustable sensitivity • Free-Flow Protection: Required when door is open or tubing is incorrectly loaded Alarms • Air in line • Upstream/downstream occlusion • Door open • Empty container • Infusion complete • Free flow or flow error • Low battery/battery exhausted • AC power failure or power-source change • Incorrect setting or system malfunction Other Features • Keypad/screen lock • Event-history storage • Alarm repeat and adjustable alarm volume • Nurse-call interface preferred • Automatic transfer to battery during mains failure • Pole clamp included • Where supported, pump shall provide drug/dose rate calculation with configurable units and limits, or equivalent safety features to prevent incorrect infusion settings. Power and Safety • 100–240 VAC, 50/60 Hz • Rechargeable battery backup: minimum 4 hours • Enclosure protection: IPX2 or better • Electrical protection suitable for medical use without mandatory protective earth, where designed as Class II equipment Accessories and Support • Pole clamp, power cable and operating manual Certification: CE/FDA approved or equivalent
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Mamography Machine**BASIC UNIT:**

The system should include exposure unit with flat panel detector, compression plates, and swivel arm.

Automatic positioning function allows rotation to preset angles.

- The gantry should include key panel for all motorized height adjustment controls
- System should contain foot switches on both sides that allows raising/lowering of swivel arm and operation from either side of gantry.
- Electric compression: 0–200 N or better
- Manual compression: 0 N to 230 N (+50° to -50°) 0 N to 200 N (+190° to +50°, -50° to -190°) or better
- Display should show patient information, compression force and thickness.
- Exposure field should be automatically adjusted depending on compression plate used.
- Exposure field light and positioning controls must be included.
- System should include compression optimization and reduction functions with automatic decompression function.
- Full-auto, semi-auto, manual modes
- Intelligent AEC with automatic exposure control and dose optimization.
- 650 mm (65 cm) or better
- +190° to -190° or better
- Actual vertical travel: 640 mm to 1350 mm (64–135 cm) or better (height of the exposure table at 0°)
- 6:1, 41 lines/cm
- Film material: Pb, intermediate material: fiber
- Magnification options: 1.5x & 1.8x

X-Ray Generator:

- The system should use an inverter-type high-voltage generator, which is a form of high-frequency, microprocessor-controlled generator
- Generator power: 5kW or better
- Tube voltage range: 22 kV to 37 kV
- Adjustable in 1 kV increments
- Large focus: 2 mAs to 600 mAs or better
- Small focus: 2 mAs to 300 mAs or better
- mAs setting precision should be $\pm 10\% + 0.2$ mAs
- System must be capable of performing exposures in 3 different exposure modes:
 - Full-auto
 - Semi-auto
 - Manual

X-Ray Tube:

- The system should have a rotating anode X-ray tube with:
 - Anode material: Tungsten (W) or better
 - Small focus: 0.1 mm or better
 - Large focus: 0.3 mm or better
 - Anode heat capacity should be: 300,000 HU (300 kHU) or better
 - Max. dissipation rate of anode must be 60,000 HU/min ($\approx 44,000$ J/min) or better
 - Anode speed: 180 Hz or better
 - Tube voltage range: 22–37 kV or better
 - Maximum tube current:
 - Large focus: 166 mA or better
 - Small focus: 61 mA or better
 - Anode angle:
 - 16° (large focus) or better
 - 10° (small focus) or better

Safety Mechanisms

- Emergency shut-down button: 3 places (left/right of stand, control pad)
- Emergency decompression switch: 4 places (left/right of foot switch, control pad, compression lever)

Flat Panel Detector:

- The system must include an integrated flat panel detector (FPD) within the



	exposure unit. • The system shall use a digital flat-panel detector specifically designed for mammography, providing high-resolution diagnostic mammographic imaging and meeting applicable regulatory and performance requirements. • Effective image area: • 230 mm × 290 mm (~23 cm × 29 cm) • Pixel size: $1 \leq 100 \mu\text{m}$ or better. • Output graduation capability must be: 10 bit to 16 bit • Detector must be curved shaped with reduced side bulging, reduces stress during positioning. Acquisition WorkStation: • The system should include patient information display and management via AWS (workstation) The system must provide advanced processing including: • Automatic image processing • Noise reduction and image enhancement • Dynamic analysis via AEC and software processing • System must provide: • Patient info display • Study information (compression force, thickness, angle) • Image viewing & manipulation on AWS Workstation must support: • Image annotation & labeling • Zoom, pan, and viewing tools • Multi-image/split viewing (via AWS software) • Image transfer to PACS/reporting system • RAM: should be $\geq 16 \text{ GB}$ (meets advanced image processing requirements) • Uses internal hard disk storage • Built-in storage for temporary and working image data • Must have the capacity to store approx. thousands of mammography images (~5000 images depending on conditions) • Standard setup must include: • Main monitor: High-resolution medical-grade display • Typically: • ~21-inch TFT color display • Resolution equivalent to 2MP Certifications: ISO 13485 & FDA 510(k) /CE/JIS/MHLW or equivalent
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6	Mobile OT Light	Technical Specifications: 1. Unit should have Clarity of vision, optimum performance. 2. Unit should have Concentrated light source. 3. Unit should have patented, proven reflector technology. 4. Unit should have No color deterioration 5. Unit should have Cool light. 6. Unit should be User-friendly. 7. Unit should have Optimum hygiene. 8. Unit should have Ultra-reliable lighting. 9. Unit should have Safety glass for best possible clarity. 10. Unit should Have Optional Sterilize-able and Remove-able Handles. 11. Unit should have dust protection. 12. Should have light intensity of main light 100,000 Lux or more at 1 m 13. Should have Electric field adjustment. 14. Should have Focusable Light field diameter (at 1m distance) 170mm. 15. Should have Temperature increase at head height < 2 °c. 16. Should have color rendering index to 96 Ra or above. 17. Life time of LED should be ≥60,000 or more. 18. Should have built-in battery backup more than up-to 10 h optional. 19. Original trolley with flexible arm for height adjustment and 4 universal 75mm casters, with foot brake. Compliance Certification: CE/FDA or equivalent
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7	Phototherapy Machine	Technical Specification; Designed for the treatment of newborns with high bilirubin levels. Type of Light: Light source: High-intensity blue LED phototherapy system with uniform illumination over the treatment area; white LED examination light may be provided. Wavelength: Should be 440–460 nm (optimal blue light spectrum for bilirubin breakdown). Intensity: adjustable therapeutic irradiance, with maximum irradiance ≥ 30 $\mu\text{W}/\text{cm}^2/\text{nm}$ at the specified treatment distance, with uniform distribution across the effective treatment area. Effective Treatment Area: Should have extended effective surface area of 54 x 32 cm with homogenous light distribution across the entire body surface of the newborn. Adjustable Intensity: Should have 5 levels of lamp intensity with focus LED available for precise treatment control. Voltage: Should operate on 100-240 VAC, 0.65 A AC / 24V DC, 1.1 A DC. Frequency Range: Should be 50–60 Hz. UV Protection: Should have UV filters incorporated into the system to block harmful ultraviolet radiation. Over-temperature Alarm: Should have built-in alarms to warn caregivers of abnormal conditions. Audible and Visual Alarms: Should have built-in alarm systems to alert caregivers of any abnormal conditions. Lamp Lifetime: Should have 50,000 hours providing cost advantage in lamp replacement cost. Display: Should have 2.5 inches monochrome LCD display for starting and controlling therapy time and light intensity. Examination Lamp Intensity: Should have 5 adjustable levels for white LED examination lamps. Noise Level: Should have < 10 dBA (ultra-quiet operation). Reset LED Module Runtime: Should be available feature. Dimensions: Should be Width 528.5 mm x Depth 224 mm x Height 82 mm. Operating Temperature Range: Should be 20°C – 30°C. Storage Temperature Range: Should be -20°C – 60°C. Operating/Storage Humidity Range: Should be 5 – 95% RH, non-condensing. Standard Accessories: Should include Power Adapter and User Manual. Compliance Certification: CE/FDA, and ISO-13485 or equivalent
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8	Portable Patient Monitor	Technical Specification: 1. 7" or better Color Digital display LCD/LED. 2. Anti-drop proof. 3. Application: Adults, Peds & Neonates 4. Can save patient data up-to 2000 or better. NIBP: 1. Method: Oscillometric Principle . 2. Numeric: Systolic, Diastolic, and Mean Pressure . 3. Selectable auto inflate interval settings . 4. Rising Cuff / Continuous Pressure Display SPO2: 1. Pulse Oximeter with Plethysmograph waveform and Pulse Strength Indication. 2. Accuracy of measured parameters: $\pm 2\%$ or better Accessories: 1. Complete with all standard accessories (atleast qty:01) reusable SPO2 probe for Adult, Paed and Neonate, reusable NIBP cuff with all standard sizes for Adult, Paed and Neonate etc. 2. Rechargeable battery with 4 - 6 hours or battery backup 3. Compatible trolley Compliance Certifications: ISO 13485 & FDA/CE/JIS/MHLW or equivalent
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9	Syringe Pump	Technical Specifications: 1. Automatic identify different size (2/3/5/10/20/30/50/60ml). 2. Should have 3 infusion mode or more 3. Digital display LCD. 4. Light Design, with battery backup 5. Rate Range: 0.1–1,200 mL/h or wider, with minimum increment of 0.1 mL/h or better, according to syringe size. 6. Total volume display 0.1-9999.9ml 7. Mechanical accuracy $\pm 1\%$, accuracy including syringe $\pm 1.8\%$. 8. Selectable bolus modes (Manual and automatic) 9. KVO Rate: 0.1ml/h to 5ml/h adjustable. 10. Should be able to change infusion rate during infusion without stopping 11. Occlusion level: 03 or more levels, alarm with audio/visual reminder. 12. Calibration function, self-definition for all syringes compliant to the standard 13. All kinds of alarms: Nearly empty; Infusion complete; Occlusion; No battery; Low battery; No AC power; No DC power; Plunger/clutch disengaged Syringe disengaged; Reminder; Self-test error, invalid rate, and the limited volume less than or equal to total volume. 14. Special function; a) Record of 5000 entries or more can be stored and reviewed b) Alarm volume setting: Visual and voice available 15. Battery backup 6 hours or more. 16. Power Unit Waterproof design to prevent the liquid drop, IPX24 or better 17. Interface port for data output and nurse call 18. Should have certification to use in harsh condition like ambulances and medical transportation vehicle Compliance Certifications: ISO 13485 & FDA/CE/JIS/MHLW or equivalent
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4. Drawings

This bidding document includes *no* drawings.



5. Inspections and Tests

All Goods and equipment listed under this Contract shall be subject to inspection and testing, including but not limited to operational tests, quality verification, and material inspections.

Inspections and tests shall be conducted by the Purchaser's designated Technical Committee or a third-party verification firm, on a sample basis as deemed appropriate.

The Supplier shall notify the Purchaser in advance, prior to delivery of any Biomedical equipment, to facilitate the scheduling and conduct of all required inspections and tests.

No delivery shall be deemed complete, and no payment shall be made, until the Purchaser has confirmed that the inspected Goods meet the specified technical, quality, and operational requirements.

All the goods will be inspected at supplier's premises as well at /each health facilities by dedicated inspection committee; accepted goods will be delivered at respective locations by the supplier

the cost of the inspection team of the purchaser or for any other third party to be engaged by the purchaser will be covered by the purchaser.



PART 3 – Contract







Section VIII - General Conditions of Contract

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Section VIII. General Conditions of Contract

1. Definitions

1.1 The following words and expressions shall have the meanings hereby assigned to them:

- (a) “Bank” means the World Bank and refers to the International Bank for Reconstruction and Development (IBRD) or the International Development Association (IDA).
- (b) “Contract” means the Contract Agreement entered into between the Purchaser and the Supplier, together with the Contract Documents referred to therein, including all attachments, appendices, and all documents incorporated by reference therein.
- (c) “Contract Documents” means the documents listed in the Contract Agreement, including any amendments thereto.
- (d) “Contract Price” means the price payable to the Supplier as specified in the Contract Agreement, subject to such additions and adjustments thereto or deductions therefrom, as may be made pursuant to the Contract.
- (e) “Day” means calendar day.
- (f) “Completion” means the fulfillment of the Related Services by the Supplier in accordance with the terms and conditions set forth in the Contract.
- (g) “GCC” means the General Conditions of Contract.
- (h) “Goods” means all of the commodities, raw material, machinery and equipment, and/or other materials that the Supplier is required to supply to the Purchaser under the Contract.
- (i) “Purchaser’s Country” is the country specified **in the Special Conditions of Contract (SCC)**.
- (j) “Purchaser” means the entity purchasing the Goods and Related Services, as **specified in the SCC**.
- (k) “Related Services” means the services incidental to the supply of the goods, such as insurance, installation, training and initial maintenance and other such obligations of the Supplier under the Contract.
- (l) “SCC” means the Special Conditions of Contract.
- (m) “Subcontractor” means any person, private or government entity, or a combination of the above, to whom any part of

the Goods to be supplied or execution of any part of the Related Services is subcontracted by the Supplier.

- (n) “Supplier” means the person, private or government entity, or a combination of the above, whose Bid to perform the Contract has been accepted by the Purchaser and is named as such in the Contract Agreement.
- (o) “The Project Site,” where applicable, means the place **named in the SCC.**

2. Contract Documents

- 2.1 Subject to the order of precedence set forth in the Contract Agreement, all documents forming the Contract (and all parts thereof) are intended to be correlative, complementary, and mutually explanatory. The Contract Agreement shall be read as a whole.

3. Fraud and Corruption

- 3.1 The Bank requires compliance with the Bank’s Anti-Corruption Guidelines and its prevailing sanctions policies and procedures as set forth in the WBG’s Sanctions Framework, as set forth in Appendix 1 to the GCC.
- 3.2 The Purchaser requires the Supplier to disclose any commissions or fees that may have been paid or are to be paid to agents or any other party with respect to the Bidding process or execution of the Contract. The information disclosed must include at least the name and address of the agent or other party, the amount and currency, and the purpose of the commission, gratuity or fee.

4. Interpretation

- 4.1 If the context so requires it, singular means plural and vice versa.
- 4.2 Incoterms
 - (a) Unless inconsistent with any provision of the Contract, the meaning of any trade term and the rights and obligations of parties thereunder shall be as prescribed by Incoterms **specified in the SCC.**
 - (b) The terms EXW, CIP, FCA, CFR and other similar terms, when used, shall be governed by the rules prescribed in the current edition of Incoterms **specified in the SCC** and published by the International Chamber of Commerce in Paris, France.
- 4.3 Entire Agreement

The Contract constitutes the entire agreement between the Purchaser and the Supplier and supersedes all communications, negotiations and agreements (whether written or oral) of the parties with respect thereto made prior to the date of Contract.
- 4.4 Amendment

No amendment or other variation of the Contract shall be valid unless it is in writing, is dated, expressly refers to the Contract, and is signed by a duly authorized representative of each party thereto.

4.5 Nonwaiver

- (a) Subject to GCC Sub-Clause 4.5(b) below, no relaxation, forbearance, delay, or indulgence by either party in enforcing any of the terms and conditions of the Contract or the granting of time by either party to the other shall prejudice, affect, or restrict the rights of that party under the Contract, neither shall any waiver by either party of any breach of Contract operate as waiver of any subsequent or continuing breach of Contract.
- (b) Any waiver of a party's rights, powers, or remedies under the Contract must be in writing, dated, and signed by an authorized representative of the party granting such waiver, and must specify the right and the extent to which it is being waived.

4.6 Severability

If any provision or condition of the Contract is prohibited or rendered invalid or unenforceable, such prohibition, invalidity or unenforceability shall not affect the validity or enforceability of any other provisions and conditions of the Contract.

5. Language

- 5.1 The Contract as well as all correspondence and documents relating to the Contract exchanged by the Supplier and the Purchaser, shall be written in the language specified in the **SCC**. Supporting documents and printed literature that are part of the Contract may be in another language provided they are accompanied by an accurate translation of the relevant passages in the language specified, in which case, for purposes of interpretation of the Contract, this translation shall govern.
- 5.2 The Supplier shall bear all costs of translation to the governing language and all risks of the accuracy of such translation, for documents provided by the Supplier.

6. Joint Venture, Consortium or Association

- 6.1 If the Supplier is a joint venture, consortium, or association, all of the parties shall be jointly and severally liable to the Purchaser for the fulfillment of the provisions of the Contract and shall designate one party to act as a leader with authority to bind the joint venture, consortium, or association. The composition or the constitution of the joint venture, consortium, or association shall not be altered without the prior consent of the Purchaser.

- 7. Eligibility**
- 7.1 The Supplier and its Subcontractors shall have the nationality of an eligible country. A Supplier or Subcontractor shall be deemed to have the nationality of a country if it is a citizen or constituted, incorporated, or registered, and operates in conformity with the provisions of the laws of that country.
- 7.2 All Goods and Related Services to be supplied under the Contract and financed by the Bank shall have their origin in Eligible Countries. For the purpose of this Clause, origin means the country where the goods have been grown, mined, cultivated, produced, manufactured, or processed; or through manufacture, processing, or assembly, another commercially recognized article results that differs substantially in its basic characteristics from its components.
- 8. Notices**
- 8.1 Any notice given by one party to the other pursuant to the Contract shall be in writing to the address **specified in the SCC**. The term “in writing” means communicated in written form with proof of receipt.
- 8.2 A notice shall be effective when delivered or on the notice’s effective date, whichever is later.
- 9. Governing Law**
- 9.1 The Contract shall be governed by and interpreted in accordance with the laws of the Purchaser’s Country, unless otherwise **specified in the SCC**.
- 9.2 Throughout the execution of the Contract, the Supplier shall comply with the import of goods and services prohibitions in the Purchaser’s Country when:
- (a) as a matter of law or official regulations, the Borrower’s country prohibits commercial relations with that country; or
 - (b) by an act of compliance with a decision of the United Nations Security Council taken under Chapter VII of the Charter of the United Nations, the Borrower’s Country prohibits any import of goods from that country or any payments to any country, person, or entity in that country.
- 10. Settlement of Disputes**
- 10.1 The Purchaser 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.
- 10.2 If, after twenty-eight (28) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the Purchaser or the Supplier may give notice to the other party of its intention to commence arbitration, as hereinafter

provided, as to the matter in dispute, and no arbitration in respect of this matter may be commenced unless such notice is given. Any dispute or difference in respect of which a notice of intention to commence arbitration has been given in accordance with this Clause shall be finally settled by arbitration. Arbitration may be commenced prior to or after delivery of the Goods under the Contract. Arbitration proceedings shall be conducted in accordance with the rules of procedure **specified in the SCC**.

10.3 Notwithstanding any reference to arbitration herein,

- (a) the parties shall continue to perform their respective obligations under the Contract unless they otherwise agree; and
- (b) the Purchaser shall pay the Supplier any monies due the Supplier.

11. Inspections and Audit by the Bank

11.1 The Supplier shall keep, and shall make all reasonable efforts to cause its Subcontractors and subconsultants to keep, accurate and systematic accounts and records in respect of the Goods in such form and details as will clearly identify relevant time changes and costs.

11.2 Pursuant to paragraph 2.2 e. of Appendix 1 to the General Conditions the Supplier shall permit and shall cause its agents (where declared or not), subcontractors, subconsultants, service providers, suppliers, and personnel, to permit, the Bank and/or persons appointed by the Bank to inspect the site and/or the accounts, records and other documents relating to the procurement process, selection and/or contract execution, and to have such accounts, records and other documents audited by auditors appointed by the Bank. The Supplier's and its Subcontractors' and subconsultants' attention is drawn to Sub-Clause 3.1 (Fraud and Corruption) which provides, inter alia, that acts intended to materially impede the exercise of the Bank's inspection and audit rights constitute a prohibited practice subject to contract termination (as well as to a determination of ineligibility pursuant to the Bank's prevailing sanctions procedures).

12. Scope of Supply

12.1 The Goods and Related Services to be supplied shall be as specified in the Schedule of Requirements.

13. Delivery and Documents

13.1 Subject to GCC Sub-Clause 33.1, the Delivery of the Goods and Completion of the Related Services shall be in accordance with the Delivery and Completion Schedule specified in the Schedule of

Requirements. The details of shipping and other documents to be furnished by the Supplier are **specified in the SCC**.

14. Supplier's Responsibilities

- 14.1 The Supplier shall supply all the Goods and Related Services included in the Scope of Supply in accordance with GCC Clause 12, and the Delivery and Completion Schedule, as per GCC Clause 13.
- 14.2 The Supplier, including its Subcontractors, shall not employ or engage forced labor or persons subject to trafficking, as described in GCC Sub-Clauses 14.3 and 14.4.
- 14.3 Forced labor consists of any work or service, not voluntarily performed, that is exacted from an individual under threat of force or penalty, and includes any kind of involuntary or compulsory labor, such as indentured labor, bonded labor or similar labor-contracting arrangements.
- 14.4 Trafficking in persons is defined as the recruitment, transportation, transfer, harbouring or receipt of persons by means of the threat or use of force or other forms of coercion, abduction, fraud, deception, abuse of power, or of a position of vulnerability, or of the giving or receiving of payments or benefits to achieve the consent of a person having control over another person, for the purposes of exploitation.
- 14.5 The Supplier, including its Subcontractors, shall not employ or engage a child under the age of 14 unless the national law specifies a higher age (the minimum age).
- 14.6 The Supplier, including its Subcontractors, shall not employ or engage a child between the minimum age and the age of 18 in a manner that is likely to be hazardous, or to interfere with, the child's education, or to be harmful to the child's health or physical, mental, spiritual, moral, or social development.
- 14.7 Work considered hazardous for children is work that, by its nature or the circumstances in which it is carried out, is likely to jeopardize the health, safety, or morals of children. Such work activities prohibited for children include work:
 - (a) with exposure to physical, psychological or sexual abuse;
 - (b) underground, underwater, working at heights or in confined spaces;
 - (c) with dangerous machinery, equipment or tools, or involving handling or transport of heavy loads;
 - (d) in unhealthy environments exposing children to hazardous substances, agents, or processes, or to temperatures, noise or vibration damaging to health; or



- (e) under difficult conditions such as work for long hours, during the night or in confinement on the premises of the employer.

- 14.8 The Supplier shall comply, and shall require its Subcontractors if any to comply, with all applicable health and safety regulations, laws, guidelines, and any other requirement stated in the Technical Specifications.
- 14.9 **Pursuant to the SCC**, the Supplier, including its Subcontractors/ suppliers/ manufacturers shall take all technical and organizational measures necessary to protect the information technology systems and data used in connection with the Contract. Without limiting the foregoing, the Supplier, including its Subcontractors/ suppliers/ manufacturers, shall use all reasonable efforts to establish, maintain, implement and comply with, reasonable information technology, information security, cyber security and data protection controls, policies and procedures, including oversight, access controls, encryption, technological and physical safeguards and business continuity/disaster recovery and security plans that are designed to protect against and prevent breach, destruction, loss, unauthorized distribution, use, access, disablement, misappropriation or modification, or other compromise or misuse of or relating to any information technology system or data used in connection with the Contract.
- 14.10 The Supplier shall comply with additional obligations as **specified in the SCC**.

15. Contract Price

- 15.1 Prices charged by the Supplier for the Goods supplied and the Related 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 the SCC**.

16. Terms of Payment

- 16.1 The Contract Price, including any Advance Payments, if applicable, shall be paid as **specified in the SCC**.
- 16.2 The Supplier's request for payment shall be made to the Purchaser in writing, accompanied by invoices describing, as appropriate, the Goods delivered and Related Services performed, and by the documents submitted pursuant to GCC Clause 13 and upon fulfillment of all other obligations stipulated in the Contract.
- 16.3 Payments shall be made promptly by the Purchaser, but in no case later than sixty (60) days after submission of an invoice or request for payment by the Supplier, and after the Purchaser has accepted it.

16.4 The currencies in which payments shall be made to the Supplier under this Contract shall be those in which the Bid price is expressed.

16.5 In the event that the Purchaser fails to pay the Supplier any payment by its due date or within the period **set forth in the SCC**, the Purchaser shall pay to the Supplier interest on the amount of such delayed payment at the rate **shown in the SCC**, for the period of delay until payment has been made in full, whether before or after judgment or arbitrage award.

17. Taxes and Duties

17.1 For goods manufactured outside the Purchaser's Country, the Supplier shall be entirely responsible for all taxes, stamp duties, license fees, and other such levies imposed outside the Purchaser's Country.

17.2 For goods Manufactured within the Purchaser's Country, the Supplier shall be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the contracted Goods to the Purchaser.

17.3 If any tax exemptions, reductions, allowances or privileges may be available to the Supplier in the Purchaser's Country, the Purchaser shall use its best efforts to enable the Supplier to benefit from any such tax savings to the maximum allowable extent.

18. Performance Security

18.1 If required as specified in the SCC, the Supplier shall, within twenty-eight (28) days of the notification of contract award, provide a performance security for the performance of the Contract in the amount **specified in the SCC**.

18.2 The proceeds of the Performance Security shall be payable to the Purchaser as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.

18.3 As specified in the SCC, the Performance Security, if required, shall be denominated in the currency (ies) of the Contract, or in a freely convertible currency acceptable to the Purchaser; and shall be in one of the format stipulated by the **Purchaser in the SCC**, or in another format acceptable to the Purchaser.

18.4 The Performance Security shall be discharged by the Purchaser and returned to the Supplier not later than twenty-eight (28) days following the date of Completion of the Supplier's performance obligations under the Contract, including any warranty obligations, unless **specified otherwise in the SCC**.

19. Copyright

19.1 The copyright in all drawings, documents, and other materials containing data and information furnished to the Purchaser by the Supplier herein shall remain vested in the Supplier, or, if

they are furnished to the Purchaser directly or through the Supplier by any third party, including suppliers of materials, the copyright in such materials shall remain vested in such third party.

20. Confidential Information

- 20.1 The Purchaser and the Supplier shall keep confidential and shall not, without the written consent of the other party hereto, divulge to any third party any documents, data, or other information furnished directly or indirectly by the other party hereto in connection with the Contract, whether such information has been furnished prior to, during or following completion or termination of the Contract. Notwithstanding the above, the Supplier may furnish to its Subcontractor such documents, data, and other information it receives from the Purchaser to the extent required for the Subcontractor to perform its work under the Contract, in which event the Supplier shall obtain from such Subcontractor an undertaking of confidentiality similar to that imposed on the Supplier under GCC Clause 20.
- 20.2 The Purchaser shall not use such documents, data, and other information received from the Supplier for any purposes unrelated to the contract. Similarly, the Supplier shall not use such documents, data, and other information received from the Purchaser for any purpose other than the performance of the Contract.
- 20.3 The obligation of a party under GCC Sub-Clauses 20.1 and 20.2 above, however, shall not apply to information that:
- (a) the Purchaser or Supplier need to share with the Bank or other institutions participating in the financing of the Contract;
 - (b) now or hereafter enters the public domain through no fault of that party;
 - (c) can be proven to have been possessed by that party at the time of disclosure and which was not previously obtained, directly or indirectly, from the other party; or
 - (d) otherwise lawfully becomes available to that party from a third party that has no obligation of confidentiality.
- 20.4 The above provisions of GCC Clause 20 shall not in any way modify any undertaking of confidentiality given by either of the parties hereto prior to the date of the Contract in respect of the Supply or any part thereof.

- 20.5 The provisions of GCC Clause 20 shall survive completion or termination, for whatever reason, of the Contract.

21. Subcontracting

- 21.1 The Supplier shall notify the Purchaser in writing of all subcontracts awarded under the Contract if not already specified in the Bid. Notification by the Supplier, for addition of any Subcontractor not named in the Contract, shall also include the Subcontractor's declaration in accordance with Appendix 2 to the GCC- Sexual exploitation and Abuse (SEA) and/or Sexual Harassment (SH) Performance Declaration. Such notification, in the original Bid or later shall not relieve the Supplier from any of its obligations, duties, responsibilities, or liability under the Contract.
- 21.2 Subcontracts shall comply with the provisions of GCC Clauses 3 and 7.

22. Specifications and Standards

- 22.1 Technical Specifications and Drawings
- (a) The Goods and Related Services supplied under this Contract shall conform to the technical specifications and standards mentioned in Section VI, Schedule of Requirements and, when no applicable standard is mentioned, the standard shall be equivalent or superior to the official standards whose application is appropriate to the Goods' country of origin.
 - (b) The Supplier shall be entitled to disclaim responsibility for any design, data, drawing, specification or other document, or any modification thereof provided or designed by or on behalf of the Purchaser, by giving a notice of such disclaimer to the Purchaser.
 - (c) Wherever references are made in the Contract to codes and standards in accordance with which it shall be executed, the edition or the revised version of such codes and standards shall be those specified in the Schedule of Requirements. During Contract execution, any changes in any such codes and standards shall be applied only after approval by the Purchaser and shall be treated in accordance with GCC Clause 33.

23. Packing and Documents

- 23.1 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. During transit, the packing shall be sufficient to withstand, without limitation, rough handling and exposure to extreme temperatures, salt and precipitation, 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.

- 23.2 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 the SCC**, and in any other instructions ordered by the Purchaser.

24. Insurance

- 24.1 Unless otherwise **specified in the SCC**, the Goods supplied under the Contract shall be fully insured—in a freely convertible currency from an eligible country—against loss or damage incidental to manufacture or acquisition, transportation, storage, and delivery, in accordance with the applicable Incoterms or in the manner specified in the **SCC**.

25. Transportation and Incidental Services

- 25.1 Unless otherwise **specified in the SCC**, responsibility for arranging transportation of the Goods shall be in accordance with the specified Incoterms.
- 25.2 The Supplier may be required to provide any or all of the following services, including additional services, if any, **specified in SCC**:
- (a) performance 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 Purchaser's personnel, at the Supplier's plant and/or on-site, in assembly, start-up, operation, maintenance, and/or repair of the supplied Goods.
- 25.3 Prices charged by the Supplier for incidental services, if not included in the Contract Price for the Goods, shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services

26. Inspections and Tests

- 26.1 The Supplier shall at its own expense and at no cost to the Purchaser carry out all such tests and/or inspections of the Goods and Related Services as are **specified in the SCC**.
- 26.2 The inspections and tests may be conducted on the premises of the Supplier or its Subcontractor, at point of delivery, and/or at the Goods' final destination, or in another place in the Purchaser's Country as **specified in the SCC**. Subject to GCC Sub-Clause 26.3, if conducted on the premises of the Supplier or its Subcontractor, all reasonable facilities and assistance, including access to drawings and production data, shall be furnished to the inspectors at no charge to the Purchaser.
- 26.3 The Purchaser or its designated representative shall be entitled to attend the tests and/or inspections referred to in GCC Sub-Clause 26.2, provided that the Purchaser bear all of its own costs and expenses incurred in connection with such attendance including, but not limited to, all traveling and board and lodging expenses.
- 26.4 Whenever the Supplier is ready to carry out any such test and inspection, it shall give a reasonable advance notice, including the place and time, to the Purchaser. The Supplier shall obtain from any relevant third party or manufacturer any necessary permission or consent to enable the Purchaser or its designated representative to attend the test and/or inspection.
- 26.5 The Purchaser may require the Supplier to carry out any test and/or inspection not required by the Contract but deemed necessary to verify that the characteristics and performance of the Goods comply with the technical specifications codes and standards under the Contract, provided that the Supplier's reasonable costs and expenses incurred in the carrying out of such test and/or inspection shall be added to the Contract Price. Further, if such test and/or inspection impedes the progress of manufacturing and/or the Supplier's performance of its other obligations under the Contract, due allowance will be made in respect of the Delivery Dates and Completion Dates and the other obligations so affected.
- 26.6 The Supplier shall provide the Purchaser with a report of the results of any such test and/or inspection.
- 26.7 The Purchaser may reject any Goods or any part thereof that fail to pass any test and/or inspection or do not conform to the specifications. The Supplier shall either rectify or replace such rejected Goods or parts thereof or make alterations necessary to meet the specifications at no cost to the Purchaser, and shall

repeat the test and/or inspection, at no cost to the Purchaser, upon giving a notice pursuant to GCC Sub-Clause 26.4.

- 26.8 The Supplier agrees that neither the execution of a test and/or inspection of the Goods or any part thereof, nor the attendance by the Purchaser or its representative, nor the issue of any report pursuant to GCC Sub-Clause 26.6, shall release the Supplier from any warranties or other obligations under the Contract.

27. Liquidated Damages

- 27.1 Except as provided under GCC Clause 32, if the Supplier fails to deliver any or all of the Goods by the Date(s) of delivery or perform the Related Services within the period specified in the Contract, the Purchaser may without prejudice to all its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to the percentage **specified in the 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 those SCC**. Once the maximum is reached, the Purchaser may terminate the Contract pursuant to GCC Clause 35.

28. Warranty

- 28.1 The Supplier warrants that all the Goods are new, unused, and of the most recent or current models, and that they incorporate all recent improvements in design and materials, unless provided otherwise in the Contract.
- 28.2 Subject to GCC Sub-Clause 22.1(b), the Supplier further warrants that the Goods shall be free from defects arising from any act or omission of the Supplier or arising from design, materials, and workmanship, under normal use in the conditions prevailing in the country of final destination.
- 28.3 Unless otherwise **specified in the SCC**, the warranty shall remain valid for twelve (12) months after the Goods, or any portion thereof as the case may be, have been delivered to and accepted at the final destination **indicated in the SCC**, or for eighteen (18) months after the date of shipment from the port or place of loading in the country of origin, whichever period concludes earlier.
- 28.4 The Purchaser shall give notice to the Supplier stating the nature of any such defects together with all available evidence thereof, promptly following the discovery thereof. The Purchaser shall afford all reasonable opportunity for the Supplier to inspect such defects.

- 28.5 Upon receipt of such notice, the Supplier shall, within the period **specified in the SCC**, expeditiously repair or replace the defective Goods or parts thereof, at no cost to the Purchaser.
- 28.6 If having been notified, the Supplier fails to remedy the defect within the period **specified in the SCC**, the Purchaser may proceed to take within a reasonable period such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Purchaser may have against the Supplier under the Contract.

29. Patent Indemnity

- 29.1 The Supplier shall, subject to the Purchaser's compliance with GCC Sub-Clause 29.2, indemnify and hold harmless the Purchaser and its employees and officers from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Purchaser may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract by reason of:
- (a) the installation of the Goods by the Supplier or the use of the Goods in the country where the Site is located; and
 - (b) the sale in any country of the products produced by the Goods.

Such indemnity shall not cover any use of the Goods or any part thereof other than for the purpose indicated by or to be reasonably inferred from the Contract, neither any infringement resulting from the use of the Goods or any part thereof, or any products produced thereby in association or combination with any other equipment, plant, or materials not supplied by the Supplier, pursuant to the Contract.

- 29.2 If any proceedings are brought or any claim is made against the Purchaser arising out of the matters referred to in GCC Sub-Clause 29.1, the Purchaser shall promptly give the Supplier a notice thereof, and the Supplier may at its own expense and in the Purchaser's name conduct such proceedings or claim and any negotiations for the settlement of any such proceedings or claim.
- 29.3 If the Supplier fails to notify the Purchaser within twenty-eight (28) days after receipt of such notice that it intends to conduct any such proceedings or claim, then the Purchaser shall be free to conduct the same on its own behalf.

29.4 The Purchaser shall, at the Supplier's request, afford all available assistance to the Supplier in conducting such proceedings or claim, and shall be reimbursed by the Supplier for all reasonable expenses incurred in so doing.

29.5 The Purchaser shall indemnify and hold harmless the Supplier and its employees, officers, and Subcontractors from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Supplier may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract arising out of or in connection with any design, data, drawing, specification, or other documents or materials provided or designed by or on behalf of the Purchaser.

30. Limitation of Liability

- 30.1 Except in cases of criminal negligence or willful misconduct,
- (a) the Supplier shall not be liable to the Purchaser, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the Supplier to pay liquidated damages to the Purchaser and
 - (b) the aggregate liability of the Supplier to the Purchaser, whether under the Contract, in tort or otherwise, shall not exceed the total Contract Price, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment, or to any obligation of the supplier to indemnify the Purchaser with respect to patent infringement

31. Change in Laws and Regulations

- 31.1 Unless otherwise specified in the Contract, if after the date of 28 days prior to date of Bid submission, any law, regulation, ordinance, order or bylaw having the force of law is enacted, promulgated, abrogated, or changed in the place of the Purchaser's Country where the Site is located (which shall be deemed to include any change in interpretation or application by the competent authorities) that subsequently affects the Delivery Date and/or the Contract Price, then such Delivery Date and/or Contract Price shall be correspondingly increased or decreased, to the extent that the Supplier has thereby been affected in the performance of any of its obligations under the Contract. Notwithstanding the foregoing, such additional or reduced cost shall not be separately paid or credited if the same has already

been accounted for in the price adjustment provisions where applicable, in accordance with GCC Clause 15.

- 32. Force Majeure**
- 32.1 The Supplier shall not be liable for forfeiture of its Performance Security, liquidated damages, or termination for default if and to the extent that its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.
- 32.2 For purposes of this Clause, “Force Majeure” means an event or situation beyond the control of the Supplier that is not foreseeable, is unavoidable, and its origin is not due to negligence or lack of care on the part of the Supplier. Such events may include, but not be limited to, acts of the Purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.
- 32.3 If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such condition and the cause thereof. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.
- 33. Change Orders and Contract Amendments**
- 33.1 The Purchaser may at any time order the Supplier through notice in accordance GCC Clause 8, to make changes within the general scope of the Contract 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 Purchaser;
 - (b) the method of shipment or packing;
 - (c) the place of delivery; and
 - (d) the Related Services to be provided by the Supplier.
- 33.2 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 in the Delivery/Completion Schedule, or both, and the Contract shall accordingly be amended. Any claims by the Supplier for adjustment under this Clause must be asserted within twenty-eight (28) days from the date of the Supplier’s receipt of the Purchaser’s change order.
- 33.3 Prices to be charged by the Supplier for any Related Services that might be needed but which were not included in the Contract shall be agreed upon in advance by the parties and shall not

exceed the prevailing rates charged to other parties by the Supplier for similar services.

33.4 Value Engineering: The Supplier may prepare, at its own cost, a value engineering proposal at any time during the performance of the contract. The value engineering proposal shall, at a minimum, include the following;

- (a) the proposed change(s), and a description of the difference to the existing contract requirements;
- (b) a full cost/benefit analysis of the proposed change(s) including a description and estimate of costs (including life cycle costs) the Purchaser may incur in implementing the value engineering proposal; and
- (c) a description of any effect(s) of the change on performance/functionality.

The Purchaser may accept the value engineering proposal if the proposal demonstrates benefits that:

- (a) accelerates the delivery period; or
 - (b) reduces the Contract Price or the life cycle costs to the Purchaser; or
 - (c) improves the quality, efficiency or sustainability of the Goods; or
 - (d) yields any other benefits to the Purchaser,
- without compromising the necessary functions of the Facilities.

If the value engineering proposal is approved by the Purchaser and results in:

- (a) a reduction of the Contract Price; the amount to be paid to the Supplier shall be the percentage specified **in the PCC** of the reduction in the Contract Price; or
- (b) an increase in the Contract Price; but results in a reduction in life cycle costs due to any benefit described in (a) to (d) above, the amount to be paid to the Supplier shall be the full increase in the Contract Price.

33.5 Subject to the above, no variation in or modification of the terms of the Contract shall be made except by written amendment signed by the parties.

34. Extensions of Time

34.1 If at any time during performance of the Contract, the Supplier or its subcontractors should encounter conditions impeding timely delivery of the Goods or completion of Related Services pursuant to GCC Clause 13, the Supplier shall promptly notify

the Purchaser in writing of the delay, its likely duration, and its cause. As soon as practicable after receipt of the Supplier's notice, the Purchaser shall evaluate the situation and may at its discretion extend the Supplier's time for performance, in which case the extension shall be ratified by the parties by amendment of the Contract.

- 34.2 Except in case of Force Majeure, as provided under GCC Clause 32, a delay by the Supplier in the performance of its Delivery and Completion obligations shall render the Supplier liable to the imposition of liquidated damages pursuant to GCC Clause 26, unless an extension of time is agreed upon, pursuant to GCC Sub-Clause 34.1.

35. Termination

35.1 Termination for Default

- (a) The Purchaser, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the Supplier, may terminate the Contract in whole or in part:
- (i) if the Supplier fails to deliver any or all of the Goods within the period specified in the Contract, or within any extension thereof granted by the Purchaser pursuant to GCC Clause 34;
 - (ii) if the Supplier fails to perform any other obligation under the Contract; or
 - (iii) if the Supplier, in the judgment of the Purchaser has engaged in Fraud and Corruption, as defined in paragraph 2.2 a of the Appendix 1 to the GCC, in competing for or in executing the Contract.
- (b) In the event the Purchaser terminates the Contract in whole or in part, pursuant to GCC Clause 35.1(a), the Purchaser may procure, upon such terms and in such manner as it deems appropriate, Goods or Related Services similar to those undelivered or not performed, and the Supplier shall be liable to the Purchaser for any additional costs for such similar Goods or Related Services. However, the Supplier shall continue performance of the Contract to the extent not terminated.

35.2 Termination for Insolvency.

- (a) The Purchaser may at any time terminate the Contract by giving notice to the Supplier if the Supplier becomes bankrupt or otherwise insolvent. In such event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect

any right of action or remedy that has accrued or will accrue thereafter to the Purchaser

35.3 Termination for Convenience.

- (a) The Purchaser, by 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 Purchaser's convenience, the extent to which performance of the Supplier under the Contract is terminated, and the date upon which such termination becomes effective.
- (b) The Goods that are complete and ready for shipment within twenty-eight (28) days after the Supplier's receipt of notice of termination shall be accepted by the Purchaser at the Contract terms and prices. For the remaining Goods, the Purchaser may elect:
 - (i) to have any portion completed and delivered at the Contract terms and prices; and/or
 - (ii) to cancel the remainder and pay to the Supplier an agreed amount for partially completed Goods and Related Services and for materials and parts previously procured by the Supplier.

36. Assignment

- 36.1 Neither the Purchaser nor the Supplier shall assign, in whole or in part, their obligations under this Contract, except with prior written consent of the other party.

**37. Export
Restriction**

- 37.1 Notwithstanding any obligation under the Contract to complete all export formalities, any export restrictions attributable to the Purchaser, to the country of the Purchaser, or to the use of the products/goods, systems or services to be supplied, which arise from trade regulations from a country supplying those products/goods, systems or services, and which substantially impede the Supplier from meeting its obligations under the Contract, shall release the Supplier from the obligation to provide deliveries or services, always provided, however, that the Supplier can demonstrate to the satisfaction of the Purchaser and of the Bank that it has completed all formalities in a timely manner, including applying for permits, authorizations and licenses necessary for the export of the products/goods, systems or services under the terms of the Contract. Termination of the Contract on this basis shall be for the Purchaser's convenience pursuant to Sub-Clause 35.3.

APPENDIX 1

(Text in this Appendix shall not be modified)

Fraud and Corruption

1. Purpose

1.1 The Bank's Anti-Corruption Guidelines and this annex apply with respect to procurement under Bank Investment Project Financing operations.

2. Requirements

2.1 The Bank requires that Borrowers (including beneficiaries of Bank financing); bidders (applicants/proposers), consultants, contractors and suppliers; any sub-contractors, sub-consultants, service providers or suppliers; any agents (whether declared or not); and any of their personnel, observe the highest standard of ethics during the procurement process, selection and contract execution of Bank-financed contracts, and refrain from Fraud and Corruption.

2.2 To this end, the Bank:

- a. Defines, for the purposes of this provision, the terms set forth below as follows:
 - i. "corrupt practice" is the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence improperly the actions of another party;
 - ii. "fraudulent practice" is any act or omission, including misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain financial or other benefit or to avoid an obligation;
 - iii. "collusive practice" is an arrangement between two or more parties designed to achieve an improper purpose, including to influence improperly the actions of another party;
 - iv. "coercive practice" is impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence improperly the actions of a party;
 - v. "obstructive practice" is:
 - (a) deliberately destroying, falsifying, altering, or concealing of evidence material to the investigation or making false statements to investigators in order to materially impede a Bank investigation into allegations of a corrupt, fraudulent, coercive, or collusive practice; and/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
 - (b) acts intended to materially impede the exercise of the Bank's inspection and audit rights provided for under paragraph 2.2 e. below.

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- b. Rejects a proposal for award if the Bank determines that the firm or individual recommended for award, any of its personnel, or its agents, or its sub-consultants, sub-contractors, service providers, suppliers and/ or their employees, has, directly or indirectly, engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices in competing for the contract in question;
- c. In addition to the legal remedies set out in the relevant Legal Agreement, may take other appropriate actions, including declaring misprocurement, if the Bank determines at any time that representatives of the Borrower or of a recipient of any part of the proceeds of the loan engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices during the procurement process, selection and/or execution of the contract in question, without the Borrower having taken timely and appropriate action satisfactory to the Bank to address such practices when they occur, including by failing to inform the Bank in a timely manner at the time they knew of the practices;
- d. Pursuant to the Bank's Anti-Corruption Guidelines, and in accordance with the Bank's prevailing sanctions policies and procedures, may sanction a firm or individual, either indefinitely or for a stated period of time, including by publicly declaring such firm or individual ineligible (i) to be awarded or otherwise benefit from a Bank-financed contract, financially or in any other manner;¹ (ii) to be a nominated² sub-contractor, consultant, manufacturer or supplier, or service provider of an otherwise eligible firm being awarded a Bank-financed contract; and (iii) to receive the proceeds of any loan made by the Bank or otherwise to participate further in the preparation or implementation of any Bank-financed project;
- e. Requires that a clause be included in bidding/request for proposals documents and in contracts financed by a Bank loan, requiring (i) bidders (applicants/proposers), consultants, contractors, and suppliers, and their sub-contractors, sub-consultants, service providers, suppliers, agents, personnel, permit the Bank to inspect³ all accounts, records and other documents relating to the procurement process, selection and/or contract execution, and to have them audited by auditors appointed by the Bank.

¹ For the avoidance of doubt, a sanctioned party's ineligibility to be awarded a contract shall include, without limitation, (i) applying for pre-qualification, expressing interest in a consultancy, and bidding, either directly or as a nominated sub-contractor, nominated consultant, nominated manufacturer or supplier, or nominated service provider, in respect of such contract, and (ii) entering into an addendum or amendment introducing a material modification to any existing contract.

² A nominated sub-contractor, nominated consultant, nominated manufacturer or supplier, or nominated service provider (different names are used depending on the particular bidding document) is one which has been: (i) included by the bidder in its pre-qualification application or bid because it brings specific and critical experience and know-how that allow the bidder to meet the qualification requirements for the particular bid; or (ii) appointed by the Borrower.

³ Inspections in this context usually are investigative (i.e., forensic) in nature. They involve fact-finding activities undertaken by the Bank or persons appointed by the Bank to address specific matters related to investigations/audits, such as evaluating the veracity of an allegation of possible Fraud and Corruption, through the appropriate mechanisms. Such activity includes but is not limited to: accessing and examining a firm's or individual's financial records and information, and making copies thereof as relevant; accessing and examining any other documents, data and information (whether in hard copy or electronic format) deemed relevant for the investigation/audit, and making copies thereof as relevant; interviewing staff and other relevant individuals; performing physical inspections and site visits; and obtaining third party verification of information.

APPENDIX 2

Sexual Exploitation and Abuse (SEA) and/or Sexual Harassment (SH) Performance Declaration for Subcontractors*

[The following table shall be filled in by each subcontractor proposed by the Supplier, that was not named in the Contract]

Subcontractor's Name: *[insert full name]*

Date: *[insert day, month, year]*

Contract reference *[insert contract reference]*

Page *[insert page number]* of *[insert total number]* pages

SEA and/or SH Declaration
We: ☐ (a) have not been subject to disqualification by the Bank for non-compliance with SEA/ SH obligations. ☐ (b) are subject to disqualification by the Bank for non-compliance with SEA/ SH obligations. ☐ (c) had been subject to disqualification by the Bank for non-compliance with SEA/ SH obligations, and were removed from the disqualification list. An arbitral award on the disqualification case has been made in our favor.
<i>[If (c) above is applicable, attach evidence of an arbitral award reversing the findings on the issues underlying the disqualification.]</i>
Period of disqualification: From: _____ To: _____

Name of the Subcontractor _____

Name of the person duly authorized to sign on behalf of the Subcontractor _____

Title of the person signing on behalf of the Subcontractor _____

Signature of the person named above _____

Date signed _____ day of _____, ____

Countersignature of authorized representative of the Supplier:

Signature: _____

Date signed _____ day of _____, ____



Section IX - Special Conditions of Contract

The following Special Conditions of Contract (SCC) shall supplement and / or amend the General Conditions of Contract (GCC). Whenever there is a conflict, the provisions herein shall prevail over those in the GCC.

GCC 1.1(i)	The Purchaser's Country is: Islamic Republic of Pakistan
GCC 1.1(j)	The Purchaser is: Program Director, PMU-Sindh Integrated Health and Population Project (SIHPP), Health Department, Government of Sindh
GCC 1.1 (o)	The Project Site(s)/Final Destination(s) is/are: Selected health facilities (list is attached as ANNEX-A)
GCC 1.1 (p)	The term SEA/SH where used in the Contract has the following meaning: • “Sexual Exploitation and Abuse” “(SEA)” means the following: Sexual Exploitation is defined as any actual or attempted abuse of position of vulnerability, differential power or trust, for sexual purposes, including, but not limited to, profiting monetarily, socially or politically from the sexual exploitation of another. Sexual Abuse is defined as the actual or threatened physical intrusion of a sexual nature, whether by force or under unequal or coercive conditions. • “Sexual Harassment” “(SH)” is defined as unwelcome sexual advances, requests for sexual favors, and other verbal or physical conduct of a sexual nature by supplier's personnel with other supplier's, or purchaser's personnel.
GCC 4.2 (a)	The meaning of the trade terms shall be as prescribed by Incoterms®. If the meaning of any trade term and the rights and obligations of the parties thereunder shall not be as prescribed by Incoterms®, they shall be as prescribed by Incoterms® 2020 published by the International Chamber of Commerce (ICC) .
GCC 4.2 (b)	The version edition of Incoterms shall be: Incoterms2020
GCC 5.1	The language shall be: English

GCC 8.1	For <u>notices</u>, the Purchaser's address shall be: Attention: Program Director Street Address: Office No. 201, Plot No. 180-C, Al Murtaza Commercial Lane 2 Floor/ Room number: 2nd Floor City: Karachi ZIP Code: 75500 Country: Pakistan Telephone: +92 21 33406147 Email: pd@sihpp.gos.pk ps@sihpp.gos.pk
GCC 9.1	The governing law shall be the law of: Islamic Republic of Pakistan
GCC 10.2	The rules of procedure for arbitration proceedings pursuant to GCC Clause 10.2 shall be as follows: (a) Contracts with a Foreign Supplier In accordance with GCC Clause 10.2(a), all disputes arising in connection with this Contract shall be finally settled under the Rules of Conciliation and Arbitration of the International Chamber of Commerce (ICC) by one or more arbitrators appointed in accordance with those Rules. (b) Contracts with a Supplier Who Is a National of the Purchaser's Country For disputes between the Purchaser and a Supplier who is a national of the Purchaser's Country, the dispute shall be resolved through adjudication or arbitration in accordance with the laws of Islamic Republic of Pakistan. Arbitration shall be conducted under the Arbitration Act, 1940 (Pakistan), as amended from time to time, and any other applicable arbitration laws in force in Pakistan at the time of the dispute. The proceedings shall be conducted in accordance with the procedure agreed between the parties or, in the absence of such agreement, as determined by the appointed arbitrator(s) under Pakistani law.
GCC 13.1	Details of Shipping and other Documents to be furnished by the Supplier are: (a) <i>For Goods supplied from abroad:</i> GC 13.1 Within 48 hours of shipment, the Supplier shall notify the Purchaser by email the full details of the shipment including Contract number, description of goods, quantity, the vessel, the bill of lading number and date, port of loading, date of shipment, port of discharge, etc. The Supplier shall mail the following documents to the Purchaser. (i) Four Copies of Supplier's invoice showing contract number, goods description, quantity, unit price and total amount; (ii) Original and duplicate copies of the negotiable, clean, on- board bill of lading* marked freight prepaid and 2 copies of non-negotiable bill of lading*;

	(* or Airway bill or equivalent transport document) (iii) Two Copies of packing list identifying contents of each Lot; (iv) Insurance certificate; (v) Manufacturer's/Supplier's warranty certificate; (vi) Certificate of origin. The above documents shall be received by the Purchaser at least one week before arrival of Goods at the port or place of arrival and, if not received, the Supplier will be responsible for any consequent expenses. (b) <u>For Goods from within the Purchaser's Country:</u> GCC 13.1 Upon delivery of the goods to the transporter/consignee, the supplier shall notify the purchaser and mail the following documents to the Purchaser: (i) Four Copies of the Supplier invoice showing contract number, goods description, quantity, unit price, total amount; (ii) Delivery note, Railway receipt, or Road consignment note or equivalent transport document or acknowledgement of receipt of goods from the Consignee; (iii) Four Copies of packing list identifying contents of each Lot; (iv) Insurance certificate; (v) Manufacturer's/Supplier's warranty certificate; (vi) Certificate of origin. The above documents shall be received by the Purchaser before arrival of the Goods and, if not received, the Supplier will be responsible for any consequent expenses.
GCC 14.9	Cyber Security applies: Not Applicable
GCC 14.10	GCC 14.10.1 The Supplier shall have a code of conduct, and provide appropriate sensitization, for the Supplier's personnel carrying out installation and maintenance that include, but not limited to, maintaining a safe working environment and not engaging in the following practices: (i) any form of sexual harassment including unwelcome sexual advances, requests for sexual favors, and other verbal or physical conduct of a sexual nature with other Supplier's or Purchaser's personnel; (ii) any form of sexual exploitation, which means any actual or attempted abuse of position of vulnerability, differential power or trust, for sexual purposes.



	including, but not limited to, profiting monetarily, socially or politically from the sexual exploitation of another; (iii) any form of sexual abuse, which means the actual or threatened physical intrusion of a sexual nature, whether by force or under unequal or coercive conditions; and (iv) any form of sexual activity with individuals under the age of 18, except in case of pre-existing marriage. GCC 14.10.2 The Purchaser may require the Supplier to remove (or cause to be removed), from the site or other places where the installation and maintenance is being executed, a Supplier's personnel that undertakes behaviors that are inconsistent with the code of conduct stated in GCC 14.9.1. Notwithstanding any requirement from the Purchaser to replace any such person, the Supplier shall immediately remove (or cause to be removed) any such person, from the site or other places where the installation and maintenance is being executed. In either case, the Supplier shall promptly appoint, as appropriate, a suitable replacement with equivalent skills and experience.
GCC 15.1	The prices charged for the Goods supplied and the related Services performed shall not be adjustable All the quoted prices are final. In case of theft and vandalism, purchaser may place an order for replacement of equipment to bidder at the rate limited to unit rate mentioned in the price schedule.
GCC 16.1	Payment Terms and Conditions (GCC 16.1) The method and conditions of payment under this Contract shall be as follows: A. Payment for Goods Supplied from Abroad Payments in foreign currency shall be made in foreign currency as follows: Advance Payment: Ten percent (10%) of the Accepted Contract Price shall be paid within thirty (30) days of signing the Contract, upon submission of a valid claim and an irrevocable bank guarantee for the equivalent amount. The bank guarantee shall remain valid until the Goods are delivered and shall be in the form provided in the Bidding Document or in another form acceptable to the Purchaser. 60% Payment against Supply of Goods shall be released within 30 days of the receipt and acceptance of material at site. 30% Remaining Payment of supply value after completion of installation, commissioning and training within 30 days of installation, commissioning and training. B. Payment for Goods and Services Supplied from Within the Purchaser's Country Payments in Pakistani Rupees (PKR) shall be made as follows: Advance Payment: Ten percent (10%) of the Accepted Contract Price shall be paid within thirty (30) days of signing the Contract against



	submission of a simple receipt and a bank guarantee for the equivalent amount. The guarantee shall be in the form provided in the Bidding Document or in another form acceptable to the Purchaser. 2. 60% Payment against Supply of Goods shall be released within 30 days of the receipt and acceptance of material at site. 3. 30% Remaining Payment of supply value after completion of installation, commissioning and training within 30 days of installation, commissioning and training. All payments shall be subject to verification of compliance with the terms and conditions of the Contract.
GCC 16.5	If the Purchaser fails to make any payment due under this Contract within sixty (60) days of the due date, the Supplier shall be entitled to receive interest on the delayed amount. The interest shall be calculated at the rate of:- KIBOR+1 % For Local currency SOFR+1% For US\$.
GCC 18.1	A Performance Security shall be required for this Contract. The amount of the Performance Security shall be Five percent (5%) of the Accepted Contract Price.
GCC 18.3	The Performance Security shall be submitted in the form of a Bank Guarantee, issued by a bank acceptable to the Purchaser. If required, the Performance Security shall be denominated in the same currency or currencies in which the Contract Price is payable, in accordance with the respective portions of the Contract Price.
GCC 18.4	Discharge of the Performance Security shall take place: Not later than twenty-eight (28) days after the date of issuance of the Final Acceptance Certificate by the Purchaser, provided there are no outstanding claims or obligations on the part of the Supplier.
GCC 23.2	Packing, Marking, and Documentation 1. Packing All Goods shall be packed in strong, export-quality packaging suitable for long-distance transportation, handling, and storage in tropical conditions. Packaging shall protect the Goods from humidity, dust, rough handling, and impact. Fragile or sensitive equipment shall be clearly marked and cushioned appropriately to prevent damage. 2. Marking Each package shall be clearly marked in English with the following information: • Name of Purchaser: Sindh Integrated Health and Population Project (SIHPP) • Project Title: Procurement of Medical Instruments and Equipment • Contract Number: [insert contract number]

	• Supplier's Name and Address • Final Destination (as per delivery schedule) • Package Number (e.g., 1 of 5, 2 of 5, etc.) • Handling Instructions (e.g., "FRAGILE") 3. Documentation Each shipment shall be accompanied by the following documents, both inside the package and affixed in a waterproof envelope: • Copy of the Packing List • Manufacturer's Quality Inspection Certificate • Installation Instructions (if applicable) • User Manual in English • Warranty Certificate • Delivery Note referencing contract and item numbers
GCC 24.1	The insurance coverage shall be as specified in the Incoterms .
GCC 25.1	Responsibility for transportation of the Goods shall be governed by the applicable Incoterms specified in the Contract. Where the Supplier is required to deliver the Goods to a specified final destination within the Purchaser's Country (Project Site), the Supplier shall be responsible for all costs and arrangements related to transportation, including loading, carriage, insurance, unloading, and delivery to the Project Site at different health facilities across Sindh Pakistan. Unless otherwise agreed under specific trade terms, the Supplier shall also be responsible for transit insurance and storage (if required) until delivery at the final destination. All such costs shall be deemed included in the Contract Price.
GCC 25.2	The Supplier shall provide the following incidental services in accordance with GCC Clause 25.2. All such services shall be included in the Contract Price: 1. Installation and Commissioning: Installation and commissioning of all equipment at the designated health facilities 2. User Training: On-site training for operating personnel, including laboratory technicians and biomedical staff, covering operational procedures, safety, basic troubleshooting, and routine maintenance. 3. Maintenance Support: Preventive and corrective maintenance support during the warranty period, including repair services as applicable. 4. Operation and Maintenance Manuals: Provision of comprehensive Operation and Maintenance Manuals in English, both in hard and soft copy. 5. Mandatory Spare Parts and Consumables: Supply of mandatory spare parts and consumables required for initial operation and testing, as specified in the Schedule of Requirements. 6. On-site Testing and Calibration: Performance testing and calibration of equipment on-site following installation.

	These services are mandatory and shall be delivered as part of the Contract to ensure proper operation, safety, and sustainability of the procured equipment.
GCC 26.1	The following inspections and tests shall be conducted for all Goods: 1. Inspection Upon Delivery at Site • Conducted by the Purchaser or its appointed representative at each designated health facility Health Facility. • Includes visual inspection for damage, verification of model and serial numbers, and quantity checks against the packing list. 2. Installation and Functional Testing • Carried out by the Supplier's technical team at the point of delivery. • Equipment shall be installed, calibrated, and tested to confirm full functionality. • An Installation & Commissioning Report shall be signed by both the facility in-charge and the Supplier. 3. Final Acceptance Test • Performed by the Purchaser's designated inspection team. • Confirms that all Goods meet the required performance parameters and technical specifications. All inspections and tests shall be conducted at no additional cost to the Purchaser. Any item found defective or not conforming to the Contract specifications shall be repaired, replaced, or rectified by the Supplier at their own expense.
GCC 26.2	The inspections and tests shall be conducted at the following locations: • At designated delivery sites across Sindh, including selected HFs At the final installation site, during commissioning and functional testing, as part of the final acceptance process.
GCC 27.1	The liquidated damages shall be: 0.05% of the Contract Price per week of delay.
GCC 27.1	The maximum amount of liquidated damages shall be: 10% of the Contract Price.
GCC 28.3	The period of validity of the Warranty shall be: 1,080 days For purposes of the Warranty, the place(s) of final destination(s) shall be: Project Management Unit, SIHPP, located at Plot No. 180C, Lane-2, Al Murtaza commercial, PHASE-VIII, DHA Karachi, Pakistan Warranty Coverage and Performance Guarantee In partial modification of the above, the warranty shall cover 36 months from the date of acceptance of the Goods The Supplier shall also be responsible for ensuring that all Goods meet the performance and operational guarantees specified under the Contract.

	In case the Goods fail to meet the required performance or contractual guarantees due to reasons attributable to the Supplier, the Supplier shall, at its own cost and discretion: (a) repair, replace, or rectify the defective Goods or components; and/or (b) pay liquidated damages to the Purchaser equivalent to the cost of the affected equipment or instruments. The total liability of the Supplier under this clause shall not exceed ten percent (10%) of the Contract Price.
GCC 28.5 & 28.6	The period for repair or replacement shall be: 30 days for major equipment and 15 days for other equipment's



Attachment: Price Adjustment Formula

NOT-APPLICABLE



Section X - Contract Forms

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Notification of Intention to Award

[This Notification of Intention to Award shall be sent to each Bidder that submitted a Bid, unless the Bidder has previously received notice of exclusion from the process at an interim stage of the procurement process.]

[Send this Notification to the Bidder's Authorized Representative named in the Bidder Information Form]

For the attention of Bidder's Authorized Representative

Name: *[insert Authorized Representative's name]*

Address: *[insert Authorized Representative's Address]*

Telephone/Fax numbers: *[insert Authorized Representative's telephone/fax numbers]*

Email Address: *[insert Authorized Representative's email address]*

[IMPORTANT: insert the date that this Notification is transmitted to Bidders. The Notification must be sent to all Bidders simultaneously. This means on the same date and as close to the same time as possible.]

DATE OF TRANSMISSION: This Notification is sent by: *[email/fax]* on *[date]* (local time)

Notification of Intention to Award

Purchaser: *[insert the name of the Purchaser]*

Project: *[insert name of project]*

Contract title: *[insert the name of the contract]*

Country: *[insert country where RFB is issued]*

Loan No. /Credit No. / Grant No.: *[insert reference number for loan/credit/grant]*

RFB No: *[insert RFB reference number from Procurement Plan]*

This Notification of Intention to Award (Notification) notifies you of our decision to award the above contract. The transmission of this Notification begins the Standstill Period. During the Standstill Period you may:

- a) request a debriefing in relation to the evaluation of your Bid, and/or
- b) submit a Procurement-related Complaint in relation to the decision to award the contract.

1. The successful Bidder

Name: *[insert name of successful Bidder]*

Address: *[insert address of the successful Bidder]*

Contract price: *[insert contract price of the successful Bid]*

Total combined score:

[insert the total combined score of the successful Bidder]

2. Other Bidders *[INSTRUCTIONS: insert names of all Bidders that submitted a Bid, Bid prices as read out and evaluated, technical scores and combined scores.]*

Name of Bidder	Technical Score	Bid Price	Evaluated Bid Cost	Combined Score
[insert name]	<i>[insert Technical score]</i>	<i>[insert Bid price]</i>	<i>[insert evaluated cost]</i>	<i>[insert combined score]</i>
[insert name]	<i>[insert Technical score]</i>	<i>[insert Bid price]</i>	<i>[insert evaluated cost]</i>	<i>[insert combined score]</i>
[insert name]	<i>[insert Technical score]</i>	<i>[insert Bid price]</i>	<i>[insert evaluated cost]</i>	<i>[insert combined score]</i>
[insert name]	<i>[insert Technical score]</i>	<i>[insert Bid price]</i>	<i>[insert evaluated cost]</i>	<i>[insert combined score]</i>
[insert name]	<i>[insert Technical score]</i>	<i>[insert Bid price]</i>	<i>[insert evaluated cost]</i>	<i>[insert combined score]</i>

3. Reason/s why your Bid was unsuccessful *[Delete if the combined score already reveals the reason]*

[INSTRUCTIONS: State the reason/s why this Bidder's Bid was unsuccessful. Do NOT include: (a) a point by point comparison with another Bidder's Bid or (b) information that is marked confidential by the Bidder in its Bid.]

4. How to request a debriefing

DEADLINE: The deadline to request a debriefing expires at midnight on *[insert date]* (local time).

You may request a debriefing in relation to the results of the evaluation of your Bid. If you decide to request a debriefing your written request must be made within three (3) Business Days of receipt of this Notification of Intention to Award.

Provide the contract name, reference number, name of the Bidder, contact details; and address the request for debriefing as follows:

Attention: *[insert full name of person, if applicable]*

Title/position: *[insert title/position]*

Agency: *[insert name of Purchaser]*

Email address: *[insert email address]*

Fax number: *[insert fax number] delete if not used*

If your request for a debriefing is received within the 3 Business Days deadline, we will provide the debriefing within five (5) Business Days of receipt of your request. If we are unable to provide the debriefing within this period, the Standstill Period shall be extended by five (5) Business Days after the date that the debriefing is provided. If this happens, we will notify you and confirm the date that the extended Standstill Period will end.

The debriefing may be in writing, by phone, video conference call or in person. We shall promptly advise you in writing how the debriefing will take place and confirm the date and time.

If the deadline to request a debriefing has expired, you may still request a debriefing. In this case, we will provide the debriefing as soon as practicable, and normally no later than fifteen (15) Business Days from the date of publication of the Contract Award Notice.

5. How to make a complaint

Period: Procurement-related Complaint challenging the decision to award shall be submitted by midnight, *[insert date]* (local time).

Provide the contract name, reference number, name of the Bidder, contact details; and address the Procurement-related Complaint as follows:

Attention: *[insert full name of person, if applicable]*

Title/position: *[insert title/position]*

Agency: *[insert name of Purchaser]*

Email address: *[insert email address]*

Fax number: *[insert fax number] delete if not used*

At this point in the procurement process, you may submit a Procurement-related Complaint challenging the decision to award the contract. You do not need to have requested, or received, a debriefing before making this complaint. Your complaint must be submitted within the Standstill Period and received by us before the Standstill Period ends.

Further information:

For more information see the [Procurement Regulations for IPF Borrowers \(Procurement Regulations\)](#) (Annex III). You should read these provisions before preparing and submitting your complaint. In addition, the World Bank's Guidance "[How to make a Procurement-related Complaint](#)" provides a useful explanation of the process, as well as a sample letter of complaint.

In summary, there are four essential requirements:

1. You must be an 'interested party'. In this case, that means a Bidder who submitted a Bid in this bidding process, and is the recipient of a Notification of Intention to Award.
2. The complaint can only challenge the decision to award the contract.
3. You must submit the complaint within the period stated above.
4. You must include, in your complaint, all of the information required by the Procurement Regulations (as described in Annex III).

6. Standstill Period

DEADLINE: The Standstill Period is due to end at midnight on *[insert date]* (local time).

The Standstill Period lasts ten (10) Business Days after the date of transmission of this Notification of Intention to Award.

The Standstill Period may be extended as stated in Section 4 above.

If you have any questions regarding this Notification please do not hesitate to contact us.

On behalf of the Purchaser:

Signature: _____

Name: _____

Title/position: _____

Telephone: _____

Email: _____

Beneficial Ownership Disclosure Form

INSTRUCTIONS TO BIDDERS: DELETE THIS BOX ONCE YOU HAVE COMPLETED THE FORM

This Beneficial Ownership Disclosure Form ("Form") is to be completed by the successful Bidder¹. In case of joint venture, the Bidder must submit a separate Form for each member. The beneficial ownership information to be submitted in this Form shall be current as of the date of its submission.

For the purposes of this Form, a Beneficial Owner of a Bidder is any natural person who ultimately owns or controls the Bidder by meeting one or more of the following conditions:

- *directly or indirectly holding 25% or more of the shares*
- *directly or indirectly holding 25% or more of the voting rights*
- *directly or indirectly having the right to appoint a majority of the board of directors or equivalent governing body of the Bidder*

RFB No.: [insert number of RFB process]

Request for Bid No.: [insert identification]

To: [insert complete name of Purchaser]

In response to your request in the Letter of Acceptance dated [insert date of letter of Acceptance] to furnish additional information on beneficial ownership: [select one option as applicable and delete the options that are not applicable]

(i) we hereby provide the following beneficial ownership information.

Details of beneficial ownership

Identity of Beneficial Owner	Directly or indirectly holding 25% or more of the shares (Yes / No)	Directly or indirectly holding 25 % or more of the Voting Rights (Yes / No)	Directly or indirectly having the right to appoint a majority of the board of the directors or an equivalent governing body of the Bidder (Yes / No)
[include full name (last, middle, first), nationality, country of residence]			

OR

(ii) *We declare that there is no Beneficial Owner meeting one or more of the following conditions:*

- directly or indirectly holding 25% or more of the shares
- directly or indirectly holding 25% or more of the voting rights
- directly or indirectly having the right to appoint a majority of the board of directors or equivalent governing body of the Bidder

OR

(iii) *We declare that we are unable to identify any Beneficial Owner meeting one or more of the following conditions. [If this option is selected, the Bidder shall provide explanation on why it is unable to identify any Beneficial Owner]*

- directly or indirectly holding 25% or more of the shares
- directly or indirectly holding 25% or more of the voting rights
- directly or indirectly having the right to appoint a majority of the board of directors or equivalent governing body of the Bidder]

Name of the Bidder: *[insert complete name of the Bidder]

Name of the person duly authorized to sign the Bid on behalf of the Bidder: **[insert complete name of person duly authorized to sign the Bid]

Title of the person signing the Bid: [insert complete title of the person signing the Bid]

Signature of the person named above: [insert signature of person whose name and capacity are shown above]

Date signed [insert date of signing] **day of** [insert month], [insert year]

* In the case of the Bid submitted by a Joint Venture specify the name of the Joint Venture as Bidder. In the event that the Bidder is a joint venture, each reference to “Bidder” in the Beneficial Ownership Disclosure Form (including this Introduction thereto) shall be read to refer to the joint venture member.

** Person signing the Bid shall have the power of attorney given by the Bidder. The power of attorney shall be attached with the Bid Schedules.

Letter of Acceptance

[letterhead paper of the Purchaser]

[date]

To: *[name and address of the Supplier]*

Subject: **Notification of award Contract No.**

This is to notify you that your Bid dated *[insert date]* for execution of the
[insert name of the contract and identification number, as given in the SCC]..... for
the Accepted Contract Amount of.....***[insert amount in numbers and words and name
of currency]***, as corrected and modified in accordance with the Instructions to Bidders is
hereby accepted by our Agency.

You are requested to furnish (i) the Performance Security within 28 days in accordance with
the Conditions of Contract, using for that purpose one of the Performance Security Forms
and (ii) the additional information on beneficial ownership in accordance with ITB 48.1
within eight (8) Business days using the Beneficial Ownership Disclosure Form, included in
Section X, - Contract Forms, of the Bidding Document.

Authorized Signature: _____

Name and Title of Signatory: _____

Name of Agency: _____

Attachment: Contract Agreement

Contract Agreement

[The successful Bidder shall fill in this form in accordance with the instructions indicated]

THIS AGREEMENT made the *[insert: **number**]* day of *[insert: **month**]*, *[insert: **year**]*.

BETWEEN

- (1) *[insert complete name of Purchaser]*, a *[insert description of type of legal entity, for example, an agency of the Ministry of of the Government of { insert name of Country of Purchaser }, or corporation incorporated under the laws of { insert name of Country of Purchaser }]* and having its principal place of business at *[insert address of Purchaser]* (hereinafter called “the Purchaser”), of the one part, and
- (2) *[insert name of Supplier]*, a corporation incorporated under the laws of *[insert: country of Supplier]* and having its principal place of business at *[insert: address of Supplier]* (hereinafter called “the Supplier”), of the other part:

WHEREAS the Purchaser invited Bids for certain Goods and ancillary services, viz., *[insert brief description of Goods and Services]* and has accepted a Bid by the Supplier for the supply of those Goods and Services

The Purchaser and the Supplier agree as follows:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Contract documents referred to.
2. The following documents shall be deemed to form and be read and construed as part of this Agreement. This Agreement shall prevail over all other contract documents.
 - (a) the Letter of Acceptance
 - (b) Letter of Bid - Technical Part
 - (c) Letter of Bid - Financial Part
 - (d) the Addenda Nos. _____(if any)
 - (e) Special Conditions of Contract
 - (f) General Conditions of Contract
 - (g) the Specification (including Schedule of Requirements and Technical Specifications)
 - (h) the completed Schedules (including Price Schedules)
 - (i) any other document listed in GCC as forming part of the Contract

3. In consideration of the payments to be made by the Purchaser to the Supplier as specified in this Agreement, the Supplier hereby covenants with the Purchaser to provide the Goods and Services and to remedy defects therein in conformity in all respects with the provisions of the Contract.
4. The Purchaser hereby covenants to pay the Supplier in consideration of the provision of the Goods and Services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of 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 the laws of *[insert the name of the Contract governing law country]* on the day, month and year indicated above.

For and on behalf of the Purchaser:

Signed: *[insert signature]*

in the capacity of *[insert title or other appropriate designation]*

in the presence of *[insert identification of official witness]*

For and on behalf of the Supplier:

Signed: *[insert signature of authorized representative(s) of the Supplier]*

in the capacity of *[insert title or other appropriate designation]*

in the presence of *[insert identification of official witness]*

Performance Security

Option 1: (Bank Guarantee)

[The bank, as requested by the successful Bidder, shall fill in this form in accordance with the instructions indicated]

[Guarantor letterhead or SWIFT identifier code]

Beneficiary: *[insert name and Address of Purchaser]*

Date: *[Insert date of issue]*

PERFORMANCE GUARANTEE No.: *[Insert guarantee reference number]*

Guarantor: *[Insert name and address of place of issue, unless indicated in the letterhead]*

We have been informed that _ *[insert name of Supplier, which in the case of a joint venture shall be the name of the joint venture]* (hereinafter called "the Applicant") has entered into Contract No. *[insert reference number of the contract]* dated *[insert date]* with the Beneficiary, for the supply of _ *[insert name of contract and brief description of Goods and related Services]* (hereinafter called "the Contract").

Furthermore, we understand that, according to the conditions of the Contract, a performance guarantee is required.

At the request of the Applicant, we as Guarantor, hereby irrevocably undertake to pay the Beneficiary any sum or sums not exceeding in total an amount of *[insert amount in figures]* (_____) *[insert amount in words]*,¹ such sum being payable in the types and proportions of currencies in which the Contract Price is payable, upon receipt by us of the Beneficiary's complying demand supported by the Beneficiary's statement, whether in the demand itself or in a separate signed document accompanying or identifying the demand, stating that the Applicant is in breach of its obligation(s) under the Contract, without the Beneficiary needing to prove or to show grounds for your demand or the sum specified therein.

This guarantee shall expire, no later than the Day of, 2...², and any demand for payment under it must be received by us at this office indicated above on or before that date.

¹ The Guarantor shall insert an amount representing the percentage of the Accepted Contract Amount specified in the Letter of Acceptance, and denominated either in the currency (ies) of the Contract or a freely convertible currency acceptable to the Beneficiary.

² Insert the date twenty-eight days after the expected completion date as described in GC Clause 18.4. The Purchaser should note that in the event of an extension of this date for completion of the Contract, the Purchaser would need to request an extension of this guarantee from the Guarantor. Such request must be in writing and must be made prior to the expiration date established in the guarantee. In preparing this

This guarantee is subject to the Uniform Rules for Demand Guarantees (URDG) 2010 Revision, ICC Publication No. 758, except that the supporting statement under Article 15(a) is hereby excluded.

[signature(s)]

Note: All italicized text (including footnotes) is for use in preparing this form and shall be deleted from the final product.

guarantee, the Purchaser might consider adding the following text to the form, at the end of the penultimate paragraph: “The Guarantor agrees to a one-time extension of this guarantee for a period not to exceed [six months] [one year], in response to the Beneficiary’s written request for such extension, such request to be presented to the Guarantor before the expiry of the guarantee.”

Option 2: Performance Bond-Not Applicable.

By this Bond *[insert name of Principal]* as Principal (hereinafter called “the Supplier”) and *[insert name of Surety]* as Surety (hereinafter called “the Surety”), are held and firmly bound unto *[insert name of Purchaser]* as Obligee (hereinafter called “the Supplier”) in the amount of *[insert amount in words and figures]*, for the payment of which sum well and truly to be made in the types and proportions of currencies in which the Contract Price is payable, the Supplier and the Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS the Supplier has entered into a written Agreement with the Purchaser dated the _____ day of _____, 20 __, for *[name of contract and brief description of Goods and related Services]* in accordance with the documents, plans, specifications, and amendments thereto, which to the extent herein provided for, are by reference made part hereof and are hereinafter referred to as the Contract.

NOW, THEREFORE, the Condition of this Obligation is such that, if the Supplier shall promptly and faithfully perform the said Contract (including any amendments thereto), then this obligation shall be null and void; otherwise, it shall remain in full force and effect. Whenever the Supplier shall be, and declared by the Purchaser to be, in default under the Contract, the Purchaser having performed the Purchaser’s obligations thereunder, the Surety may promptly remedy the default, or shall promptly:

- (1) complete the Contract in accordance with its terms and conditions; or
- (2) obtain a Bid or Bids from qualified Bidders for submission to the Purchaser for completing the Contract in accordance with its terms and conditions, and upon determination by the Purchaser and the Surety of the lowest responsive Bidder, arrange for a Contract between such Bidder and Purchaser and make available as work progresses (even though there should be a default or a succession of defaults under the Contract or Contracts of completion arranged under this paragraph) sufficient funds to pay the cost of completion less the Balance of the Contract Price; but not exceeding, including other costs and damages for which the Surety may be liable hereunder, the amount set forth in the first paragraph hereof. The term “Balance of the Contract Price,” as used in this paragraph, shall mean the total amount payable by Purchaser to Supplier under the Contract, less the amount properly paid by Purchaser to the Supplier; or
- (3) pay the Purchaser the amount required by Purchaser to complete the Contract in accordance with its terms and conditions up to a total not exceeding the amount of this Bond.

The Surety shall not be liable for a greater sum than the specified penalty of this Bond.



Any suit under this Bond must be instituted not later than twenty-eight (28) days following the date of completion of the Supplier's performance of its obligations under the Contract, including any warranty obligations.

No right of action shall accrue on this Bond to or for the use of any person or corporation other than the Purchaser named herein or the heirs, executors, administrators, successors, and assigns of the Purchaser.

In testimony whereof, the Supplier has hereunto set his hand and affixed his seal, and the Surety has caused these presents to be sealed with his corporate seal duly attested by the signature of his legal representative, this _____ day of _____ 20____.

SIGNED ON _____ on behalf of _____

By _____ in the capacity of _____

In the presence of _____

SIGNED ON _____ on behalf of _____

By _____ in the capacity of _____

In the presence of _____



Advance Payment Security Demand Guarantee

[Guarantor letterhead or SWIFT identifier code]

Beneficiary: *[Insert name and Address of Purchaser]*

Date: *[Insert date of issue]*

ADVANCE PAYMENT GUARANTEE No.: *[Insert guarantee reference number]*

Guarantor: *[Insert name and address of place of issue, unless indicated in the letterhead]*

We have been informed that *[insert name of Supplier, which in the case of a joint venture shall be the name of the joint venture]* (hereinafter called "the Applicant") has entered into Contract No. *[insert reference number of the contract]* dated *[insert date]* with the Beneficiary, for the execution of *[insert name of contract and brief description of Goods and related Services]* (hereinafter called "the Contract").

Furthermore, we understand that, according to the conditions of the Contract, an advance payment in the sum *[insert amount in figures]* () *[insert amount in words]* is to be made against an advance payment guarantee.

At the request of the Applicant, we as Guarantor, hereby irrevocably undertake to pay the Beneficiary any sum or sums not exceeding in total an amount of *[insert amount in figures]* (____) *[insert amount in words]*¹ upon receipt by us of the Beneficiary's complying demand supported by the Beneficiary's statement, whether in the demand itself or in a separate signed document accompanying or identifying the demand, stating either that the Applicant:

- (a) has used the advance payment for purposes other than toward delivery of Goods;
or
- (b) has failed to repay the advance payment in accordance with the Contract conditions, specifying the amount which the Applicant has failed to repay.

¹ The Guarantor shall insert an amount representing the amount of the advance payment and denominated either in the currency(ies) of the advance payment as specified in the Contract, or in a freely convertible currency acceptable to the Purchaser.

A demand under this guarantee may be presented as from the presentation to the Guarantor of a certificate from the Beneficiary's bank stating that the advance payment referred to above has been credited to the Applicant on its account number *[insert number]* at *[insert name and address of Applicant's bank]*.

The maximum amount of this guarantee shall be progressively reduced by the amount of the advance payment repaid by the Applicant as specified in copies of interim statements or payment certificates which shall be presented to us. This guarantee shall expire, at the latest, upon our receipt of a copy of the interim payment certificate indicating that ninety (90) percent of the Accepted Contract Amount, has been certified for payment, or on the *[insert day]* day of *[insert month]*, 2 *[insert year]*, whichever is earlier. Consequently, any demand for payment under this guarantee must be received by us at this office on or before that date.

This guarantee is subject to the Uniform Rules for Demand Guarantees (URDG) 2010 Revision, ICC Publication No.758, except that the supporting statement under Article 15(a) is hereby excluded.

[signature(s)]

Note: All italicized text (including footnotes) is for use in preparing this form and shall be deleted from the final product.

ANNEX-A

List of Health Facilities where the goods will be delivered at across the Sindh, Pakistan (The goods with respective health facility location will be shared well before the delivery date)

S. No	Division	District	HF's	Name of HF's	PMU ID
1	HYD	Badin	GD	Government Dispensary Arbab Baqa Nohario	101002
2	HYD	Badin	GD	Government Dispensary Jan Mohammad Laghari	101010
3	HYD	Dadu	GD	Government Dispensary Ambar	111016
4	HYD	Dadu	GD	Government Dispensary Kakar	111019
5	HYD	Dadu	GD	Government Dispensary Mir Muhammad Kalhorro	111021
6	HYD	Jamshoro	GD	Government Dispensary BHU Naon Wahan	151061
7	HYD	Jamshoro	GD	Government Dispensary Duri Dero	151053
8	HYD	Jamshoro	GD	Government Dispensary Kot Lashari	151057
9	HYD	Jamshoro	GD	Government Dispensary Paka Channa	151062
10	HYD	Jamshoro	GD	Government Dispensary Yousif Jamali	151065
11	HYD	Sujawal	GD	Government Dispensary Qadir Dino Shah Mori	271240
12	HYD	Sujawal	GD	Government Dispensary Rajhan Shah	271238
13	KHI	Karachi Keamari	GD	Government Dispensary Bhuttal Village	161072
14	KHI	Karachi Korangi	GD	Sindh Government MCH Mehran Town	161082
15	KHI	Karachi Korangi	GD	Sindh Government UHC, Babar Market Landhi Karachi.	161078
16	KHI	Karachi South	GD	Government Dispensary Bunery	161089
17	LRK	Jacobabad	GD	Government Dispensary Adam Khan Pahnwar	141035
18	LRK	Jacobabad	GD	Government Dispensary Ali Murad kandrani	141036
19	LRK	Jacobabad	GD	Government Dispensary Ghazanfar Khan Jakhrani	141040
20	LRK	Jacobabad	GD	Government Dispensary Ghulam Hussain Sarki	141041
21	LRK	Jacobabad	GD	Government Dispensary Imam Bux Kehar	141043
22	LRK	Kambar Shahdadkot	GD	Government Dispensary Dadar	181120
23	LRK	Kambar Shahdadkot	GD	Government Dispensary Daleel Buriro	181121
24	LRK	Kambar Shahdadkot	GD	Government Dispensary Dhing	181122
25	LRK	Kambar Shahdadkot	GD	Government Dispensary Mirza Junejo Junejo	181128
26	LRK	Kambar Shahdadkot	GD	Government Dispensary Ranwati	181131
27	LRK	Kambar Shahdadkot	GD	Government Dispensary Suhno Khan Khoso	181132
28	LRK	Kashmore	GD	Government Dispensary 27 Mail	191135
29	LRK	Kashmore	GD	Government Dispensary Jam Sunharo	191137
30	LRK	Kashmore	GD	Government Dispensary Shabeer abad	191139
31	LRK	Kashmore	GD	Government Dispensary Sikender Ali Chuhliyani	191140
32	LRK	Larkana	GD	Government Dispensary Bagi	201141
33	LRK	Larkana	GD	Government Dispensary Dara	201143
34	LRK	Larkana	GD	Government Dispensary Fareed Abad	201144
35	LRK	Larkana	GD	Government Dispensary Tagar	201151
36	LRK	Larkana	GD	Government Dispensary Wada Boosan	201152
37	LRK	Shikarpur	GD	Government Dispensary Muhammd Mithal Jatoti	251217
38	MPK	Tharparkar	GD	Government Dispensary Keetar	301294

39	MPK	Tharparkar	GD	Government Dispensary Kheme Jo Par	301299
40	SBA	Naushahro Feroze	GD	Government Dispensary Allah Dito Bhanbhro	231180
41	SBA	Naushahro Feroze	GD	Government Dispensary Hajan Shah	231183
42	SBA	Naushahro Feroze	GD	Government Dispensary Khaimtio Mahaser	231186
43	SBA	Naushahro Feroze	GD	Government Dispensary Mureed Solangi	231190
44	SBA	Naushahro Feroze	GD	Government Dispensary Rahib Khan Keerio	231193
45	SBA	Sanghar	GD	Government Dispensary Abdullah Shah	261219
46	SBA	Sanghar	GD	Government Dispensary Dalore Mori	261222
47	SBA	Sanghar	GD	Government Dispensary Ghundan	261223
48	SBA	Sanghar	GD	Government Dispensary Karim Dad Junejo	261225
49	SBA	Sanghar	GD	Government Dispensary Mehrab Liskani	261226
50	SBA	Sanghar	GD	Government Dispensary Muhammad Bux Rajar	261227
51	SBA	Sanghar	GD	Government Dispensary Sachedino Warryah	261228
52	SBA	Sanghar	GD	Government Dispensary Saeedao	261229
53	SBA	Shaheed Benazirabad	GD	Government Dispensary Chutto Khan Jamali	241197
54	SBA	Shaheed Benazirabad	GD	Government Dispensary Faqueer Rasool Bux Zardari	241201
55	SBA	Shaheed Benazirabad	GD	Government Dispensary Golo Dahri	241203
56	SBA	Shaheed Benazirabad	GD	Government Dispensary Manhero	241207
57	SBA	Shaheed Benazirabad	GD	Government Dispensary Mund jamrao	241209
58	SBA	Shaheed Benazirabad	GD	Government Dispensary Wali Muhammad Zardari	241214
59	SUK	Ghotki	GD	Government Dispensary Village Darri	121029
60	SUK	Khairpur	GD	Government Dispensary Autari (New)	171096
61	SUK	Khairpur	GD	Government Dispensary Dabar	171098
62	SUK	Khairpur	GD	Government Dispensary Ghulam Nabi Phulpoto at village Pipri	171101
63	SUK	Khairpur	GD	Government Dispensary Inam Ali Shar	171102
64	SUK	Khairpur	GD	Government Dispensary Jajh Regulator	171103
65	SUK	Khairpur	GD	Government Dispensary Kabeer Khan Jatoti	171104
66	SUK	Khairpur	GD	Government Dispensary Khaliq Dino Aradin	171106
67	SUK	Khairpur	GD	Government Dispensary Kot Jubo Taluka Nara	171107
68	SUK	Khairpur	GD	Government Dispensary Lal Bux Kandharo	171108
69	SUK	Khairpur	GD	Government Dispensary Makhan Khan Lashari	171109
70	SUK	Khairpur	GD	Government Dispensary Malheer Pato	171110
71	SUK	Khairpur	GD	Government Dispensary Mehar Ali	171111
72	SUK	Khairpur	GD	Government Dispensary Pharraro	171114
73	SUK	Khairpur	GD	Government Dispensary Qutibuddin Phulpoto	171115
74	SUK	Khairpur	GD	Government Dispensary Setharja Bala	171117
75	SUK	Sukkur	GD	Government Dispensary SORHO	281252

1	HYD	Badin	RHC	Rural Health Center Kadhan	103516
2	HYD	Badin	RHC	Rural Health Center Raju Khanani	103521
3	HYD	Badin	RHC	Rural Health Center Tando Ghulam Ali	103522
4	HYD	Dadu	RHC	Rural Health Center Kazi Arif.	113524
5	HYD	Dadu	RHC	Rural Health Center Radhan.	113525
6	HYD	Hyderabad	RHC	Rural Health Center Husri	133528
7	HYD	Hyderabad	RHC	Rural Health Center Tando Jam	133529
8	HYD	Hyderabad	RHC	Rural Health Center Tando Qaiser	133530
9	HYD	Jamshoro	RHC	Rural Health Center Arazi	153534
10	HYD	Jamshoro	RHC	Rural Health Center Bhan Saeedabad	153535

11	HYD	Jamshoro	RHC	Rural Health Center Jhangara	153536
12	HYD	Jamshoro	RHC	Rural Health Center Unerpur	153538
13	HYD	Matiari	RHC	Rural Health Center Bhit Shah	213558
14	HYD	Matiari	RHC	Rural Health Center Khyber	213559
15	HYD	Matiari	RHC	Rural Health Center Oderolal Station	213560
16	HYD	Tando Allahyar	RHC	Rural Health Center Missan Wadi	293596
17	HYD	Tando Allahyar	RHC	Rural Health Center Nasarpur	293597
18	HYD	Tando Muhammad Khan	RHC	Rural Health Center Raju Nizamani	323606
19	HYD	Thatta	RHC	Rural Health Center Baghan	313600
20	HYD	Thatta	RHC	Rural Health Center Gharo	313601
21	HYD	Thatta	RHC	Rural Health Center Jhirk	313602
22	HYD	Thatta	RHC	Rural Health Center Jung Shahi	313603
23	LRK	Jacobabad	RHC	Rural Health Center Garhi Hassan	143531
24	LRK	Kambar Shahdadkot	RHC	Rural Health Center Nasirabad	183547
25	LRK	Kashmore	RHC	Rural Health Center Ghouspur	193551
26	LRK	Kashmore	RHC	Rural Health Center Karampur	193552
27	LRK	Kashmore	RHC	Rural Health Center Tangwani	193553
28	LRK	Larkana	RHC	Rural Health Center Banguldero	203555
29	LRK	Shikarpur	RHC	Rural Health Center Mian Jo Goth	253584
30	MPK	Umerkot	RHC	Rural Health Center Khokhrapar	333608
31	SBA	Naushahro Feroze	RHC	Rural Health Center Halani	233565
32	SBA	Naushahro Feroze	RHC	Rural Health Center Mithiani	233569
33	SBA	Sanghar	RHC	Rural Health Center Jaffar Khan Leghari	263585
34	SBA	Sanghar	RHC	Rural Health Center Jhol	263586
35	SBA	Sanghar	RHC	Rural Health Center Kandhari	263587
36	SBA	Shaheed Benazirabad	RHC	Rural Health Center Chak No. 3	243575
37	SBA	Shaheed Benazirabad	RHC	Rural Health Center Mehar Ali Jamali	243577
38	SBA	Shaheed Benazirabad	RHC	Rural Health Center Mehrabpur	243578
39	SUK	Ghotki	RHC	Rural Health Center Jarwar	123527
40	SUK	Khairpur	RHC	Rural Health Center Faiz Ganj	173541
41	SUK	Khairpur	RHC	Rural Health Center Sobho Dero	173545
42	SUK	Khairpur	RHC	Rural Health Center Thari Mirwah	173546

1	HYD	Matiari	THQ	Taluka Hospital Saeedabad	214627
2	HYD	Thatta	THQ	Shaikh Zayed Medical Centre, Mirpur Sakro	314646
3	LRK	Larkana	THQ	Taluka Hospital Ratodero	204625
4	MPK	Tharparkar	THQ	Taluka Hospital Nagarparkar	304645
5	MPK	Umerkot	THQ	Taluka Hospital Pithoro	334648
6	SBA	Naushahro Feroze	THQ	Taluka Hospital Kandiaro	234630
7	SBA	Naushahro Feroze	THQ	Taluka Hospital Moro	234631
8	SUK	Sukkur	THQ	Taluka Hospital Pano Aqil	284640
9	SUK	Sukkur	THQ	Taluka Hospital Rohri	284641

Facilities under PPHI where equipments will be delivered.

S.No	District	Health Facility
1	Hyderabad	RHC Tando Jam
2	Hyderabad	RHC Hoosri
3	Jamshoro	RHC Arazi
4	Jamshoro	RHC Bhan Saeedabad
5	Jamshoro	RHC Jhangara
6	Jamshoro	RHC Wada Chacher
7	Tando Allahyar	RHC Chamber
8	Matari	RHC Hala Old
9	Matari	RHC Bhit Shah
10	Tando Muhammad Khan	RHC Bulri Shah Karim
11	Badin	RHC Kario Ganhwar
12	Badin	RHC Nindo
13	Mirpurkhas	RHC Jhuddo
14	Mirpurkhas	MCH Mirwah
15	Tharparkar	RHC Kheenser
16	Tharparkar	RHC Islamkot
17	Umerkot	RHC Khokhrapar
18	Dadu	RHC Sita Road
19	Larkana	RHC Banguldero
20	Shikarpur	RHC Khanpur
21	Jacobabad	RHC Garhi Hasan
22	Larkana	THQ Areeja
23	Larkana	RHC Gerrello
24	Larkana	THQ Dokri
25	Larkana	RHC Badah
26	Larkana	RHC Garhi Khuda Bux
27	Larkana	GH Naudero
28	Larkana	THQ Ratodero
29	Kamber	RHC Nasirabad
30	Kashmore	THQ Kashmore
31	Kashmore	RHC Tangwani
32	Ghotki	MCH Mirpur Mathelo
33	Khairpur	MCH Kausar
34	Sukkur	RHC Dadloi
35	Sukkur	RHC Kandhra
36	Khairpur	RHC Pir Jo Goth
37	Naushehroferoz	RHC Halani
38	Sanghar	RHC Jam Nawaz
39	Sanghar	RHC Jaffer Khan Laghari
40	Shaheed Benazirabad	RHC Daur
41	Malir	SGH Ibrahim Hyderi
42	Malir	MCH Murad Memon
43	Malir	RHC Old Thaana
44	Malir	RHC Rehri
45	Malir	UHC Thado Naalo
46	Malir	Dumba Goth
47	Karachi	SGH Jannat Gul
48	Sujawal	RHC Chuhan Jamali
49	Khairpur	BHU Plus Kathore

50	Badin	BHU Junna
51	Mirpurkhas	BHU P Nawab Colony
52	Mirpurkhas	BHU Hameed pura
53	Matari	BHU Bhanothe
54	Sujawal	BHU Plus Bannu
55	Malir	MCH Labor Square
56	Khairpur	BHU Plus Setharja
57	Khairpur	BHU Plus Kumb
58	Khairpur	MCHC Saeed Nangreja
59	Khairpur	SMBB Poly Clinic
60	Khairpur	BHU Plus Bozdarwada
61	Khairpur	BHU Plus Sikandrabad
62	Khairpur	GD Bakhar Kanasara
63	Sukkur	BHU Salehpat
64	Sanghar	BHU Plus Chotiyarioon
65	Jacobabad	BHU P Ahmed Mian Soomro
66	Khairpur	BHU Plus piryaloi
67	Malir	MCH Ghaghar
68	Badin	BHU Nabi Bux
69	Umerkot	BHU Kharoro Syed
70	Umerkot	BHU Kunri Memon
71	Umerkot	BHU Nabisar Thar
72	Umerkot	BHU Toben Wari
73	Umerkot	BHU Digu
74	Umerkot	BHU Talhi
75	Kamber	MCHC Khairpur Juso
76	Kamber	MCHC Lalu Rounk
77	Kamber	MCHC Gaji Khuhawar
78	Shikarpur	BHU Jahan Khan
79	Shikarpur	GD Zangi Khan Brohi
80	Sanghar	BHU P piru Faqir Shoro
81	Sanghar	BHU P Jiando Rind
82	Sanghar	BHU P Berani
83	Tharparkar	GD Doonhai
84	Tharparkar	BHU Plus Kaloi
85	Tharparkar	BHU Plus Amrio
86	Tharparkar	BHU Plus Malanhore Veena
87	Mirpurkhas	BHU Plus Makhan Samon
88	Mirpurkhas	MCHC Mir pur Old
89	Mirpurkhas	BHU Satlite Town
90	Mirpurkhas	BHU Mubarakpur
91	Jacobabad	BHU P Bangul
92	Jacobabad	MCH Sheranpur
93	Mirpurkhas	BHU Plus Patoyon
94	Mirpurkhas	BHU Plus Usman Junejo
95	Mirpurkhas	MCHC Hingorno
96	Mirpurkhas	BHU Plus Girhore Sharif
97	Dadu	BHU Gozo
98	Dadu	BHU Haji Khan
99	Shaheed Benazirabad	MCHC JAM SAB
100	Thatta	BHU Plus Jhimpeer
101	Kashmore	BHU Bijar Khan Bijarani
102	Shikarpur	BHU Jhali Kalwari

103	Thatta	BHU Plus Dhabeji
104	Thatta	BHU Plus Chattochand
105	Thatta	BHU Plus Garho
106	Thatta	BHU Ghorabari
107	Thatta	BHU Ghulamullah
108	Thatta	BHU Plus Gujjo
109	Mirpurkhas	BHU Dayal Garh Single MW
110	Mirpurkhas	BHU Plus Tando Kolachi
111	Mirpurkhas	BHU Plus Hashim Bhurgri
112	Badin	BHU Kapri Mori
113	Badin	BHU Saeed Pur
114	Badin	BHU Phalkara
115	Badin	BHU Ghulam Shah Mori
116	Umerkot	BHU Haji Fateh Mohammad Rajar
117	Umerkot	BHU Samaro Road
118	Umerkot	BHU Fakir Abdullah Janhero
119	Umerkot	BHU Shadi Palli
120	Umerkot	MCH Center Shewani Mohallah UKot
121	Umerkot	BHU Ghulam Nabi Shah
122	Kamber	MCHC Behram