



MILITARY LANDS & CANTONMENTS DEPARTMENT

*PROCUREMENT OF ELECTROMEDICAL EQUIPMENT &
PERSONAL PROTECTIVE EQUIPMENT (PPE) FOR
CANTT GENERAL HOSPITALS & DISPENSARIES*

BIDDING DOCUMENT

Single Stage - Two Envelope Bidding Procedure

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A. INVITATION FOR BIDS (IFB)

Consolidated advertisement is made to procure the equipment on immediate basis to better equip Cantonment General Hospitals and Dispensaries to fight Corona Virus Pandemic. In this regard, bids are invited by Military Lands & Cantonments Department for the procurement of Electromedical equipment and Personal protective equipment (PPE) for Cantt General Hospitals & dispensaries from prequalified firms.

Procedure	Single Stage Two Envelope
Tender Publication	30-03-2020
Tender Document	The bidding documents (pdf copy) is available for download on www.mlc.gov.pk/forms free of cost.
Bid Submission Date & Time	02-04-2020, 11:00 AM
Technical Bid Opening Date & Time	02-04-2020, 12:00 PM
Bid Security	Financial Bid must contain 1% of the total bid amount as Bid Security in the form of pay order
Financial Bid Opening of Prequalified Firms	06-04-2020, 12:00 PM
In case of any unforeseen situation or government holiday resulting in closure of office on the date of bid opening, the bid shall be submitted/ opened on next working day at the same time	

Note: Procuring Agency may cancel / delete any item or may reduce or enhance the quantity of any item. Procuring Agency may reject all or any bid subject to the provision of PPRA Rules.

Assistant Director General (P&MA)

Tel: 051-9274069

CONDITIONS

1. The quotations / proposals are urgently required under provision of Rule 13(1) of PPRA Rules, 2004 keeping in view the current situation of spreading of Corona Virus according to which “**No time limit shall be applicable in case of emergency**”
2. Request for Proposal (RFP) can be downloaded from ML&C Dept website (www.mlc.gov.pk/forms).
3. The bids should be prepared on the company’s letterhead and must reach in a sealed envelope to the undersigned **on or before 02-04-2020 at 11 AM.**
4. Financial bid must include 1% of the bid amount as Bid Security in the form of pay order.
5. The quotation / bid should be free from cutting, rubbing etc.
6. Income Tax / Other Taxes will be applied as per prevailing government rates.
7. Procuring Agency shall notify the date, time and location for opening of the financial proposals after completion of technical prequalification. Attendance of technically responsive Bidders at the opening of financial proposals is optional. The financial proposals of technically non-responsive Bidders shall be returned unopened.
8. Selected firm shall be responsible to deliver the electromedical and personal protective equipment mentioned against each regional office in the Lists B & C at respective regional office of ML&C Dept within minimum time period as the equipment is required on urgent basis at healthcare facilities to better manage the Corona Virus pandemic.
9. Any bid received in contravention of enabling provisions of PPRA rules, 2004 will be declared non-responsive by the procuring entity. Procurement Agency reserves the right to accept or reject any quotations on technical / administrative grounds under Rule 33(1) of PPRA Rules.

Assistant Director General (P&MA)

Tel: 051-9274069, Fax 051-9271105, 03215268162

B. LIST OF ELECTROMEDICAL EQUIPMENT

Electromedical Equipment required in Cantonments Healthcare Facilities							
Type	<i>Regional Headquarters of ML&C Dept</i>						Total
	Peshawar	Rawalpindi	Lahore	Karachi	Multan	Quetta	
Hospital / Disp (Beds)	2 / 4 (550)	2 / 19 (510)	3 / 13 (535)	4 / 13 (90)	2 / 8 (4)	1 / 1 (4)	14 / 58 (1693)
Ventilators	5	5	7	-	-	-	17
Cardiac Monitor	10	09	10	05	02	01	37
Central Station	1	1	1	-	-	-	03
Pulse Ox	7	6	7	5	2	1	28
Syringe Pump	8	7	8	5	2	1	31
Infusion Pump	5	4	4	1	-	-	14
C PAP	6	6	7	4	2	1	26
HF Nebulizer	4	4	5	4	2	1	20
Defib	2	2	3	4	2	1	14
ABG Machine	1	1	1	-	-	-	3
ECG Machine	3	3	4	4	2	1	17
IR Thermometer	18	48	41	46	24	7	184
PCR Lab Eqpt (Kit)	1 (1000)	1 (1000)	1 (1000)	-	-	-	3 (3000)

C. LIST OF PERSONAL PROTECTIVE EQUIPMENT (PPE)

Personal Protective Equipment (PPE) / Expendables/Consumables required in Cantonments Healthcare Facilities							
Type	<i>Regional Headquarters of ML&C Dept</i>						Total
	Peshawar	Rawalpindi	Lahore	Karachi	Multan	Quetta	
Hospital / Disp (Beds)	2 / 4 (550)	2 / 19 (510)	3 / 13 (535)	4 / 13 (90)	2 / 8 (4)	1 / 1 (4)	14 / 58 (1693)
N95 Mask	750	1300	1100	1150	450	150	4900
Surgical Mask	12000	24000	19000	18500	8000	2500	84000
Medical Gloves	12000	24000	19000	18500	8000	2500	84000
Medical Caps	12000	24000	19000	18500	8000	2500	84000
Shoe Covers	12000	24000	19000	18500	8000	2500	84000
Surgical Gown	5500	12000	9500	9000	4000	1000	41000
Biological Suit (Coveral)	2800	4450	4300	4200	1600	550	17900
Safety Medical Goggles	210	350	285	530	105	300	1780
Medical Safety Shoes	90	155	135	115	45	15	555
Medical Face Shield	90	155	135	115	45	15	555
Corona Testing Kit	1150	1100	1300	430	150	80	4210
ABG Kits (Test cartridge for 500)	2	2	2	-	-	-	6
Hand Sanitizer 0.5ml/1 L	750	1460	1185	750	404	12	4561 Ltrs
Fumigation Machine With (Cartridge)	5(50)	5(50)	5(50)	-	-	-	15 with 150 Cartridge
Spray machine with Disinfection Solution 10 ltr	12 (120 ltr)	25 (250 ltr)	21 (210ltr)	18 (180ltr)	10 (100 ltr)	2 (20 ltr)	88 Spray machines with 10 Ltr solution each

D. INSTRUCTIONS TO BIDDERS (ITB)

I. INTRODUCTION

1. GENERAL

- 1.1. The Procuring Agency as mentioned in the Bid Data Sheet has allocated funds towards the cost of the “Required Equipment”.

2. ELIGIBLE BIDDERS

- 2.1. This Invitation for Bids (IFB) is open to all original Manufacturers or suppliers, through their local/Pakistani Authorized Agents/ Importers / Distributors.
- 2.2. Bidders should not be associated, or have been associated in the past, directly or indirectly, with a firm or any of its affiliates which have been engaged by the procuring agency to provide consulting services for the preparation of the design, specifications, and other documents to be used for the procurement of the goods to be purchased under this IFB.
- 2.3. Bidder are not eligible to bid if they are under a declaration of ineligibility or have been blacklisted.

3. ELIGIBLE GOODS

- 3.1. All goods and related services to be supplied under the contract shall have their origin in eligible source countries and all expenditures made under the contract shall be limited to such goods and services. For this purpose, the term “Goods” includes any Goods that are the subject of this IFB and the term “Services” shall include related services such as installation, commissioning, transportation, insurance, maintenance etc. The “Origin” means the place where the goods are manufactured.

II. THE BIDDING PROCEDURE

4. SINGLE STAGE - TWO ENVELOPE PROCEDURE

- a. Bid shall comprise a single package containing two separate sealed envelopes. Each envelope shall contain separately the financial proposal(1 original and 2 copies) and the technical proposal (1 original and 2 copies);
- b. Envelopes shall be marked as “FINANCIAL PROPOSAL” and “TECHNICAL PROPOSAL” in bold and legible letters to avoid confusion;

III. THE BIDDING DOCUMENTS

5. CONTENTS OF BIDDING DOCUMENTS

- 5.1. The Bidding Documents include:
 - i. Instructions to Bidders (ITB);
 - ii. General Conditions of Contract (GCC);
 - iii. Special Conditions of Contract (SCC);
 - iv. Schedule of Requirements;
 - v. Technical Specifications;
 - vi. Contract Form;
 - vii. Manufacturer's/Origin Suppliers Authorization Form;
 - viii. Bid Form; and
 - ix. Price Schedules.
- 5.2. In case of discrepancies between the Tender Notice and the Bidding Documents, the Bidding Documents shall take precedence.
- 5.3. The bidders are expected to examine all instructions, forms, terms, and specifications in the bidding documents. Failure to furnish complete information required in the bidding documents or to submit a bid not substantially responsive to the bidding documents may result in rejection.

6. AMENDMENT OF BIDDING DOCUMENTS

- 6.1. At any time prior to the deadline for submission of bids, the Procuring Agency may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective Bidder, modify the bidding documents by amendment.
- 6.2. All prospective bidders that have received the bidding documents will be notified the amendment(s) in writing or email, which will be binding on all bidders.
- 6.3. In order to allow prospective bidders reasonable time to take the amendment(s) into account in preparing their bids, the Procuring Agency may, at its discretion, extend the deadline for submission of the bids as deemed appropriate.

IV. PREPARATION OF BIDS

7. LANGUAGE OF BID

7.1. Preparation of Bids

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

may be accepted in another language provided these are accompanied by an accurate and certified translation of the relevant passages in English by a certified translator. In such a case for the purposes of interpretation of the Bid, the translated version shall prevail.

8. DOCUMENTS COMPRISING THE BID

8.1. The Bid shall comprise of Two Sealed Envelopes submitted simultaneously, one called the 'Technical Proposal' and the other the 'Financial Proposal', containing the documents listed in Bidding Data Sheet under the heading of IB 8.1 A & B respectively. Both envelopes to be enclosed together in an outer single sealed envelope called the Bid. Each bidder shall furnish all the documents as specified in Bidding Data Sheet 8.1 A& B. The Bidder shall submit the Bid Document with each page duly signed and stamped by the duly authorized representative of the Bidder.

9. BID PRICES

9.1. The prices and discounts quoted by the Bidder in the Bid Form and in the Price Schedules shall conform to the requirements specified below.

9.2. All items in the Schedule of Supply must be listed and priced separately in the Price Schedules. If a Price Schedule shows items listed but not priced, their prices shall be assumed to be included in the prices of other items. Items not listed in the Price Schedule shall be assumed not to be included in the Bid.

9.3. The price to be quoted in the Bid Form shall be the total price of the Bid excluding any discounts offered.

9.4. The Bidder shall quote any unconditional discounts and the methodology for their application in the Bid Form.

9.5. In case unavailability of Original OEM Certification mentioned in Clause 39, Bidder MUST give Authorization to sell from the supplier.

9.6. Prices proposed for Goods in the Price Schedule Forms shall be quoted item wise. This item wise quotation shall be solely for the purpose of facilitating the comparison of Bids by the Procuring Agency. This shall not in any way limit the Procuring Agency's right to contract on any of the terms offered:

- a. Price Schedule for Goods offered from outside the Procuring Agency's country shall include the following:
 - i. Detailed Specifications of Items
 - ii. Model / Cat No.
 - iii. Name of Manufacturer.
 - iv. Country of Origin

- v. Quantity of Item
- vi. Unit of accounting
- vii. Currency of Bid
- viii. The unit price of the goods quoted on DDU (Delivered Duty unpaid at RTEH Site) basis, in the Procuring Agency's country;
- ix. The total price for the item in foreign currency.

9.7. Final Prices quoted by the Bidder shall be fixed during the Bidder's performance of the Contract and not subject to variation on any account. A Bid submitted with an adjustable price quotation shall be treated as nonresponsive and shall be rejected.

10. BID CURRENCIES

10.1. Price shall be quoted in foreign currency for goods offered outside the Procuring Agency's country on DDU Basis.

10.2. DOCUMENTS ESTABLISHING GOODS' ELIGIBILITY AND CONFORMITY TO BIDDING DOCUMENTS

10.3. Pursuant to ITB Clause 8, the Bidder shall furnish, as part of its bid, documents establishing the eligibility and conformity to the bidding documents of all goods and services which the Bidder proposes to supply under the contract.

10.4. The documentary evidence of the eligibility of the goods and services shall consist of a statement, in the Price Schedule of the Country of Origin of the goods and services offered which shall be confirmed by a Certificate of Origin issued at the time of shipment.

10.5. The documentary evidence of conformity of the goods and services to the bidding documents may be in the form of literature, drawings, and data, and shall consist of:

- a. Detailed description of the essential technical and performance characteristics of the goods.
- b. Also an item-by-item commentary on the Procuring Agency's Technical
- c. Specifications demonstrating substantial responsiveness of the goods and services to those specifications, or a statement of deviations and exceptions to the provisions of the Technical Specifications.

10.6. For purposes of the commentary to be furnished pursuant to ITB Clause 11.3(b) above, the Bidder shall note that standards for workmanship, material, and

equipment, as well as references to brand names or catalogue numbers designated by the Procuring Agency in its Technical Specifications, are intended to be descriptive only and not restrictive. The Bidder may substitute alternative standards, brand names, and/or catalogue numbers in its bid, provided that, it demonstrates to the Procuring Agency's satisfaction that the substitutions ensure equivalence to those designated in the Technical Specifications.

11. BID SECURITY

11.1. The Bidder shall furnish, as part of its proposal, a Bid Security in the amount and currency specified in the Bid Data Sheet. Unsuccessful bidders' Bid Security will be returned after approval of the successful Bidder. The successful Bidder's Bid Security will be discharged upon signing of contract and furnishing the Performance Security Bond.

11.2. The Bid Security shall remain valid for a period of 28 days beyond the bid validity period.

11.3. The Bid Security may be forfeited/en-cashed in case of following:

- a. If a Bidder withdraws its bid during the period of bid validity; or
- b. In the case of a successful Bidder, the Bidder fails to sign the Contract.

12. BID VALIDITY

12.1. Bids shall remain valid for the period mentioned in the Bid Data Sheet.

12.2. The Procuring Agency shall ordinarily be under an obligation to process and evaluate the bids within the stipulated bid validity period. However, for any reasons to be recorded in writing, if an extension is considered necessary, all those who have submitted their bids shall be asked to extend their respective bid validity period.

V. SUBMISSION OF BIDS

13. SEALING AND MARKING OF BIDS

13.1. The envelopes shall:

- a. bear the Name and Address of the Bidder;
- b. bear the specific identification Title and Number of this bidding process indicated in the Bid Data Sheet; and
- c. bear the Procuring Agency's name and address i.e. Military Lands & Cantonments Department Murree Road, Saddar Rawalpindi, Postal Code 46000

and a statement: "DO NOT OPEN BEFORE," the time and date specified in the Bid Data Sheet.

13.2. If an envelope is not sealed and marked as required, the bid may be rejected.

14. DEADLINE FOR SUBMISSION OF BIDS

14.1. Bids must be submitted by the bidders and received by the Procuring Agency at the specified address not later than the time and date specified in the Bid Data Sheet.

14.2. The Procuring Agency may, at its convenience, extend this deadline for submission of bids by amending the bidding documents. In which case all rights and obligations of the Procuring Agency and the Bidders previously subject to the deadline will thereafter be subject to the deadline as extended.

14.3. The date, time and venue of pre-bid meeting, if convened, is as stipulated in the Bid Data Sheet.

15. LATE BID

15.1. Any bid received by the Procuring Agency after the deadline for submission of bids prescribed by the Procuring Agency shall not be entertained and shall be returned unopened to the Bidder.

16. WITHDRAWAL OF BIDS

16.1. The Bidder may after its submission withdraw its bid prior to the expiry of the deadline prescribed for submission of bids. Withdrawn bids will be returned unopened to the Bidders.

VI. OPENING AND EVALUATION OF BIDS

17. OPENING OF BIDS BY THE PROCURING AGENCY

17.1. Initially, only the envelope marked "TECHNICAL PROPOSAL" shall be opened on the date and time as specified in the Bid Data Sheet;

17.2. Envelope marked as "FINANCIAL PROPOSAL" shall be retained in the custody of the procuring agency without being opened;

17.3. Procuring agency shall evaluate the technical proposal in a manner prescribed below, without reference to the price and reject any proposal which does not conform to these requirements;

- a. For Technical Evaluation of bids 'KNOCKED DOWN CRITERIA' will be applied. The bids conforming to the specifications and Pre-

requisite Conditions indicated in specifications and evaluation criteria will be considered for further Technical Evaluation.

- b. The bid must comply with the tendered Technical Specifications of the quoted item. Incomplete offer will straightaway be rejected.
- c. The bidder must possess authorization of the OEM/or Origin Supplier to sell the respective products in Procuring Agencies Country.
- d. The bidder should have a registered office or a partner concern in the country where the goods are being imported from.
- e. Certificate from the OEM that the after sales / backup services shall be provided by the local agent or supplier and due to the emergency situation, the certificate can be provided at a later stage.
- f. The Bidder to ensure installation will be conducted in conformity with the system requirements by following the professional approach under professional supervision.
- g. The Bid will be considered as responsive if it fully meets the tender requirements and specifications. The offer which is not as per requirements of tender and specifications will be declared as nonresponsive.

17.4. No amendment in the technical proposal shall be permitted during the Technical Evaluation.

17.5. After technical evaluation is completed, the Procuring Agency shall notify the date, time and location for opening of the financial proposals. Attendance of technically responsive Bidders at the opening of financial proposals is optional. The financial proposals of technically non-responsive Bidders shall be returned unopened.

17.6. Financial proposals of only the technically responsive Bidders shall be opened publicly in the presence of their representatives who choose to attend. The total prices will be read aloud and recorded.

17.7. Incomplete bid shall stand rejected. All items described in the technical proposal must be priced in financial proposal. Items described in the technical proposal but not priced, shall be assumed to be included in the price of other items.

17.8. Minor oversight, clerical mistakes, other minor inconsistencies that do not alter the substances of the financial bid may be corrected by the Procuring Agency. When correcting computation error in case of discrepancy between a partial

amount and the total amount or between the words and figures, the formers will prevail.

17.9. Bid found to be the lowest evaluated shall be accepted.

18. CLARIFICATION OF BIDS

18.1. During evaluation of the bids, the Procuring Agency may, at its discretion, ask the Bidder for a clarification of its bid. The request for clarification and the response shall be in writing or by email, and no change in the prices or substance of the bid shall be sought, offered, or permitted.

19. PRELIMINARY EXAMINATION

19.1. The Procuring Agency will examine the bids to determine whether these are complete, required sureties have been furnished, the documents have been properly signed by Authorized Representative, and the bids are generally in order.

19.2. The Procuring Agency may waive any minor discrepancy, nonconformity, or irregularity in a bid which does not constitute a material deviation, provided such waiver does not prejudice or affect the relative ranking of any Bidder.

19.3. The Procuring Agency will examine and ensure transparency/security by ensuring all certificates of authorization to sell from OEM/or Origin Supplier are complete for each product.

19.4. Prior to the detailed evaluation, pursuant to ITB Clause 21 the Procuring Agency will determine the substantial responsiveness of each bid. For this purpose, a substantially responsive bid is one which conforms to all the terms and conditions of the bidding documents without material deviation. Deviations from, or objections or reservations on critical provisions, such as those concerning Bid Security, Applicable Law, Taxes and Duties, will be deemed to be a material deviation. The Procuring Agency's determination of a bid's responsiveness is to be based on the contents of the bid itself without recourse to extrinsic evidence.

20. EVALUATION AND COMPARISON OF BIDS

20.1. The Procuring Agency will evaluate and examine the bids which have been determined to be substantially responsive, pursuant to ITB Clause 20.

20.2. The Procuring Agency's evaluation of a bid will be on 'Delivered Duty Unpaid' (DDU) basis and will exclude any allowance for price adjustment during the period of execution of the contract as per the bidding documents.

20.3. For the purpose of evaluation of bids quoted in different currencies, the price shall be converted into Pak Rupees. The rate of exchange shall be the selling rate of those currencies, prevailing on the date of opening of Financial Bids specified in the bidding documents, as notified by the State Bank of Pakistan.

20.4. Arithmetical errors will be rectified on the following basis.

- a. If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail, and the total price shall be corrected.
- b. If there is a discrepancy between words and figures, the amount in words will prevail.
- c. If the Bidder does not accept the correction of the errors, its bid will be rejected, and its bid security may be forfeited

21. CONTACTING THE PROCURING AGENCY

21.1. No bidder shall contact the Procuring Agency on any matter relating to its bid, from the time of the bid opening to the time the Contract is awarded. If any bidder wishes to bring additional information to the notice of the Procuring Agency, it may do so in writing or through email.

21.2. Any direct or indirect effort by a bidding firm to influence the Procuring Agency during the process of selection of a bidder or award of contract may besides rejection of its bid result into its disqualification from participation in the Procuring Agency's future bids.

22. REJECTION OF BIDS

22.1. Notwithstanding anything stated in this document, the Procuring Agency may reject any or all bids at any time prior to the acceptance of a bid. The Procuring Agency may upon request, communicate to a bidder, the grounds for its rejection, but shall not be under obligation to justify those grounds.

VII. AWARD OF CONTRACT

23. ACCEPTANCE OF BID AND AWARD CRITERIA

23.1. The bidder with lowest evaluated bid under clause 19, 20 & 21, if not in conflict with any other law, rules, regulations or policy of the Government, will be awarded the contract within the original or extended period of bid validity.

24. PROCURING AGENCY'S RIGHT TO VARY QUANTITIES

24.1. The Procuring Agency reserves the right to increase or decrease the quantity of items originally specified in the Price Schedule and Schedule of Requirements without any change in unit price or other terms and conditions as per provisions in PPRA Rules 2014.

25. NOTIFICATION OF AWARD

25.1. Prior to the expiry of the original or extended period of bid validity, the successful bidder will be informed in writing or email of acceptance of its bid by the Procuring Agency by issuing a letter of award.

26. SIGNING OF CONTRACT

26.1. Upon furnishing of acceptable Performance Security under the Conditions of Contract, formal Agreement (on stamp paper as per Stamp Act 1899, cost of which shall be borne by the successful Bidder) between the Procuring Agency and the successful bidder shall be executed.

26.2. At the time of signing of contract the Procuring Agency reserves the right to hold negotiation on delivery, installation, testing and commissioning schedules of any and all items.

26.3. Negotiations will not be held for substantially altering:

- a. The technical quality or details of the requirement, including the tasks or responsibilities of the bidder or the performance of the goods;
- b. The terms and conditions of the Contract and;
- c. Anything affecting the crucial or deciding factors in the evaluation of the proposals / bid and / or selection of successful Bidder

27. CORRUPT OR FRAUDULENT PRACTICES

27.1. Corrupt or Fraudulent Practices;

- a. The Procuring Agency and the Bidders / Manufacturers / Contractors are expected to observe the highest standard of ethics during the procurement and execution of the Contract. In pursuance of this policy, the relevant terms / phrases as may apply are defined below:
 - i **"corrupt practice"** means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in Contract execution; and

- ii **"fraudulent practice"** means a misrepresentation of facts in order to influence a procurement process or the execution of a Contract to the detriment of the Procuring Agency, and includes collusive practice among Bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the Procuring Agency of the benefits of free and open competition;

- b. the Procuring Agency will take all possible administrative / legal measures if it is found that the Bidder recommended for award was / is engaged in corrupt or fraudulent practice(s) before or after signing of the contract resulting into the conviction of the proprietor under criminal case besides blacklisting of the firm either indefinitely or for such period of time as may be determined by the Procuring Agency.

- c. Will declare a firm ineligible, either indefinitely or for a stated specified period of time, for the award of a Contract if it, at any time, determines that the firm has engaged in corrupt or fraudulent practices in competing for or in executing a Contract.

E. BID DATA SHEET

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

INTRODUCTION	
ITB 1.1	Name of Procuring Agency: Military Lands & Cantonments Department.
ITB 1.1	Name of Contract: PROCUREMENT OF ELECTROMEDICAL EQUIPMENT AND PERSONAL PROTECTIVE EQUIPMENT (PPE) FOR CANTT GENERAL HOSPITALS & DISPENSARIES
ITB 8.1	<p>PREPARATION OF BIDS</p> <p>A. The Bidder shall submit with its Technical Proposal the following documents:</p> <ol style="list-style-type: none"> a. Technical Specifications of offered Equipment (Compliance with Technical Specifications provided in Annex-1) b. Delivery Schedule (In compliance with schedule of requirements) c. Installation, testing and commissioning Schedule (In compliance with schedule of requirements) <p>B. The Bidder shall submit with its Financial Proposal the following documents:</p> <ol style="list-style-type: none"> a. Bid Form b. Bid Security c. Price Schedule
ITB 12.1	The Bid Security shall not be less than 1% of the total amount in Pak Rupees in the form of Bank Guarantee/ Pay Order / CDR from a Bank AA+ Long Term rated by State Bank of Pakistan or from a foreign bank counter guaranteed from a bank AA+ Long Term rated by State Bank of Pakistan.
ITB 13.1	Bid validity period shall be 90 days .
SUBMISSION OF BIDS	
ITB 14.1	<p>(b) The identification of this bidding process is: PROCUREMENT OF ELECTROMEDICAL EQUIPMENT AND PERSONAL PROTECTIVE EQUIPMENT (PPE) FOR CANTT GENERAL HOSPITALS & DISPENSARIES</p> <p>“Must bear the name of the bidder” and a warning “Do Not Open before the time and date of bid opening”.</p>
ITB 15.1	Deadline for bid submission: 02-04-2020 11:00 AM
ITB 15.3	Interested bidders can email at datacentre.mlc@gmail.com or contact on 051-9271105, 03215268162 for any clarifications regarding bidding process.

<p>ITB 18.1</p>	<p>OPENING & EVALUATION OF TECHNICAL BIDS The bid opening shall take place at: Military Lands & Cantonments Department Murree Road, Saddar Rawalpindi, Postal Code 46000</p> <p>OPENING OF FINANCIAL BIDS SHALL BE ANNOUNCED AFTER FINALIZATION OF EVALUATION OF TECHNICAL BIDS</p>
<p>ITB 28.1</p>	<p>PERFORMANCE SECURITY The successful Bidder shall furnish the Performance Security equivalent to 1% of the total Contract amount from any Bank AA+ Long Term rated by State Bank of Pakistan in the shape of a Bank Guarantee issued by a Bank AA+ Long Term rated by State Bank of Pakistan or from a foreign bank duly counter guaranteed by a Bank AA+ Long Term rated by State Bank of Pakistan. The Performance Guarantee/Security Form is provided in the bidding documents. Upon submission of Performance Guarantee the Bid Security would be returned to the Bidder.</p>

F. General Conditions of Contract (GCC)

1. DEFINITIONS

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

- a. "The Contract" means the agreement entered into between the Procuring Agency and the Bidder, as recorded in the Contract Form signed by the Parties, including all attachments and appendices thereto and all documents incorporated by reference therein.
- b. "The Contract Price" means the price payable to the Bidder under the Contract for the full and proper performance of its Contractual obligations.
- c. "Goods" means all the commodities, raw material, machinery and equipment, and/or other materials that the Supplier is required to supply to the Procuring Agency under the Contract.
- d. "Related Services" means the services incidental to the supply of the goods, such as insurance, installation, training and initial maintenance, printing of special instructions or the labels, packing, design and logo of the Procuring Agency, transportation of goods up to the desired destinations and other such obligations of the Bidder covered under the Contract.
- e. "GCC" means the General Conditions of Contract contained in this section.
- f. "SCC" means the Special Conditions of Contract contained in the relevant section of this document.
- g. "The Procuring Agency" means the Military Lands & Cantonments Department (ML&C)
- h. "The Bidder" means the individual or firm offering/participating in supplying the goods under this Bidding Document.
- i. "Day" means official working day excluding national holidays.
- j. "Regional HQ" means the regional offices of ML&C Dept situated at Peshawar, Rawalpindi, Lahore, Multan, Karachi and Quetta.

2. APPLICATION

2.1. These General Conditions shall apply to the extent that they are not inconsistent with provisions of other parts of the Bidding Documents/Contract.

3. STANDARDS

- 3.1. The goods supplied under this Contract shall conform to the standards mentioned in the Technical Specifications goods eligibility criteria.

4. USE OF CONTRACT DOCUMENTS AND INFORMATION

- 4.1. The Bidder shall not without the Procuring Agency's prior written consent, disclose the Contract, or any provision thereof, or any specification, plan, drawing, pattern, sample, or information furnished by or on behalf of the Procuring Agency in connection therewith, to any person other than a person employed by the Bidder in the performance of the Contract. Disclosure to such employed person shall be made in confidence and shall extend only, as far as may be necessary, to such performance and not further or otherwise.
- 4.2. Any document, other than the Contract itself, shall remain the property of the Procuring Agency and shall be returned (all copies) on completion of the Bidder's performance under the Contract.
- 4.3. The Bidder shall permit the Procuring Agency to inspect the Bidder's accounts and records relating to the performance of the Supplies.

5. PATENT RIGHTS

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

6. ENSURING STORAGE ARRANGEMENTS

- 6.1. To ensure storage arrangements for the intended supplies, the Bidder shall inform the Procuring Agency before goods are loaded on ship and at least one week prior to the arrival of the consignments at its store/warehouse. However, in case no space is available at its store/warehouse at the time of supply, the Procuring Agency shall, within three days to such a situation, inform the Bidder, in writing, of the possible time-frame of availability of space by which the supplies could be made. In case the Bidder abides by the given time frame, he will not be penalized for delay.

7. INSPECTIONS, TESTS AND TRAINING

- 7.1. A maximum of three representatives nominated by the procuring agency shall inspect and/or test the goods to ensure their conformity to the Contract specifications.
- 7.2. The Procuring Agency's right to inspect, test and, where necessary, reject the goods either at Bidder's premises or upon arrival at Procuring Agency's

destinations shall in no way be limited or waived by reasons of the goods having previously been inspected, tested, and approved by the Procuring Agency or its representative prior to the goods shipment from the manufacturing point.

- 7.3. Operational and preventive maintenance training required for the smooth operation of the goods shall be the responsibility of the Bidder.

8. DELIVERY AND DOCUMENTS

- 8.1. The Bidder shall in accordance with the terms specified in the Schedule of Requirements make delivery of the goods. Details of documents to be furnished by the Bidder are specified in SCC.

9. INSURANCE

- 9.1. The goods supplied under the Contract shall be delivered to the Procuring Agency designated premises after the payment of cess, octroi charges etc. Risk will be transferred to the Procuring Agency only after the delivery of these goods has been made to the consignee at Site. Hence, marine and transit insurance to site shall be the responsibility of the Bidder.

10. TRANSPORTATION

- 10.1. The Bidder shall arrange such transportation of the goods as is required to prevent them from damage or deterioration during transit to their final destination as indicated in the Schedule of Requirements.
- 10.2. The goods shall be supplied on **DDU** Basis at Site as per Schedule of Requirements on the risk and cost of the Bidder. Transportation including loading/unloading of goods shall be the responsibility of Bidder.

11. INCIDENTAL SERVICES

- 11.1. The Bidder will be required to provide to the Procuring Agency incidental services the cost of which should be included in the total bid price. Incidental services as mentioned earlier

12. WARRANTY / GUARANTEE (To be made part of SCC)

- 12.1. The time period of warranty / guarantee means the period of Twelve (12)Months from the date on which the items have been commissioned and demonstrated to the Procuring Agency and accepted in writing.
- 12.2. During the period of warranty / guarantee, the Bidder shall rectify at its expense, all defects in design, materials, and workmanship that may develop or are revealed under normal use of the goods upon receiving written notice from the Procuring Agency or the consignee; the notice shall indicate in what respect the

goods have developed a fault. However, if the fault is due to natural/unnatural calamity, Bidder shall not be under any obligation to rectify defects in materials, design and workmanship.

- 12.3. The provisions of this Clause include all the expenses that the Bidder may have to incur for delivery and installation of such replacement parts, material and equipment as are needed for satisfactory operation of the goods at Site as per clause 12.2.
- 12.4. The Bidder shall provide warranty / guarantee for supply of kits and chemicals, consumables, films etc. for at least 3 years (where applicable).
- 12.5. The Bidder shall remain responsible for providing after sale services even after expiry of 01-year warranty / guarantee period and sign a post warranty Service Contract including Parts with Procuring Agency for another 05 years. THEBIDDER SHALL SEPARATELYQUOTE THE PRICE OF ANNUAL COMPREHENSIVE SERVICE CONTRACT INCLUSIVEOF PARTS, GLASSWARE, DETECTORS, COILS, PROBES, BATTERIES, COOLING HEAD ETC for the post warranty period of 05 years in the form of Service Contract and this cost will be added to the total bid price for the purpose of bid evaluation.
- 12.6. The Procuring Agency shall notify the Bidder in writing of any claims arising out of this warranty. These claims shall not exceed the cost of the services agreement. Claims will only be applicable in-case fault lies with the Bidder as mentioned in Clause 12.2.

13. PAYMENT

- 13.1. The method and conditions of payment to be made to the Bidder under this Contract are specified in SCC.

14. ASSIGNMENT

- 14.1. The Bidder shall not assign, in whole or in part, its obligations to perform to another party under this Contract, except with the Procuring Agency's prior written consent.
- 14.2. The procuring agency may assign any or all rights and responsibilities to another agency or entity.

15. DELAYS IN THE BIDDER'S PERFORMANCE

- 15.1. Delivery of the goods shall be made by the Bidder in accordance with the time schedule prescribed by the Procuring Agency in the Schedule of Requirements / Contract Award.

- 15.2. If at any time in the course of performance of the Contract, the Bidder encounters anything impeding timely delivery of the goods, he shall promptly notify the Procuring Agency in writing of the causes of delay and its likely duration. As soon as practicable, after receipt of the Bidder's notice, the Procuring Agency shall evaluate the situation and may, depending on merits of the situation, extend the Bidder's time for performance, with or without liquidated damages, in which case the extension shall be ratified by the Parties by a supplementary Contract to be treated as an addendum to the original contract. However, in national/international emergency situations Bidder shall not be held responsible for delays.
- 15.3. Any undue delay by the Bidder in the performance of its obligations shall render it liable to the imposition of liquidated damages.

16. PENALTIES

- 16.1. In case of late delivery, installation and commissioning penalty as specified in SCC will be imposed upon the Bidder / Manufacturer. The Procuring Agency may consider termination of the Contract in case there is an unusual delay in the delivery of the goods whereby the ongoing activity is likely to be affected seriously.
- 16.2. During the Warranty/Service contract period if the uptime percentage at the end of each Warranty/ Service Contract year falls short of 95% the following formula will be applied to determine additional days in the Warranty / Service Contract period:
- a) 100% - 95% No Penalty
 - b) 95% - 90% The Warranty/Service Contract period will be extended by 1.5 times the number of days as extra down time.
 - c) 90% - 80% The Warranty/ Service Contract period will be extended by 2.0 times the number of days as extra down time
 - d) Below 80% The Warranty/ Service Contract period will be extended by 3.0 times the number of days as extra down time
- 16.3 The above will not be applicable in case of national or international emergency situation and that time will not be taken as the responsibility of the Bidder and will not be considered delay.

17. TERMINATION FOR DEFAULT

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

- a) The Bidder fails to deliver any or all instalments of the goods within the period(s) specified in the Contract, or within any extension thereof granted by the Procuring Agency; (Delays due to National/International emergencies will not be held as Bidders fault)
- b) The Bidder fails to perform any other obligation(s) under the Contract to the satisfaction of the Procuring Agency
- c) The Bidder has engaged itself in corrupt or fraudulent practices before or after executing the Contract.

18. FORCE MAJEURE

18.1. The Bidder shall not be liable for termination/ blacklisting for default if and to the extent that this delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure. For the purposes of this Clause Force Majeure means an act of God or an event beyond the control of the Bidder and not involving the Bidder's fault or negligence directly or indirectly purporting to mal-planning, mismanagement and /or lack of foresight to handle the situation. Such events may include but are not restricted to acts of the Procuring Agency in its sovereign capacity, wars or revolutions, fires, floods, earthquakes, strikes, epidemics, quarantine restrictions and freight embargoes. If a Force Majeure situation arises, the Bidder shall promptly notify the Procuring Agency in writing with sufficient and valid evidence of such condition and the cause thereof.

The Procuring Agency shall also constitute Grievance Committee for redressing grievances. It will examine the pros and cons of the case and all reasonable alternative means for completion of purchase order under the Contract and will submit its recommendations to the competent authority. However, unless otherwise directed by the Procuring Agency in writing, the Bidder shall continue to perform its obligations under the Contract as far as is reasonably practical and shall seek reasonable' alternative means for performance not prevented by the Force Majeure event.

19. TERMINATION FOR INSOLVENCY

19.1. The Procuring Agency may at any time terminate the Contract by giving written notice to the Bidder if the Bidder becomes bankrupt or otherwise insolvent. In that event, termination will be without compensation to the Bidder, provided that

such termination will not prejudice or affect any right or remedy which has accrued or will accrue thereafter to the Parties.

20. ARBITRATION AND RESOLUTION OF DISPUTES

- 20.1. 20.1. The Procuring Agency and the Bidder shall make every effort to resolve amicably by direct informal negotiations any disagreement or dispute arising between them under or in connection with the Contract.
- 20.2. If, after thirty (30) days from the commencement of such informal negotiations, the Procuring Agency and the Bidder have been unable to resolve amicably a Contract dispute, either party may require that the dispute be referred for resolution through arbitration in accordance with the Arbitration Act, 1940.
- 20.3. In case of any dispute concerning the interpretation and/or application of this Contract is to be settled through arbitration, the arbitrator shall be mutually appointed by the Procuring Agency and the Bidders. The decisions taken and/or award given by the sole arbitrator shall be final and binding on the Parties.

21. PACKING

- 21.1. The Bidder shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the Contract. The packing shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit, and open storage. Packing case size and weights shall be taken into consideration, where appropriate, the remoteness of the Goods' final destination and the absence of heavy handling facilities at all points in transit.
- 21.2. The packing, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements, if any, specified in SCC, and in any subsequent instructions ordered by the Procuring Agency.

22. GOVERNING LANGUAGE

- 22.1. The Contract shall be written in English language. All correspondence and other documents pertaining to the Contract, which are exchanged by the Parties, shall be written in English.

23. APPLICABLE LAW

- 23.1. This Contract shall be governed by the laws of Pakistan and the courts of Rawalpindi shall have exclusive jurisdiction.

24. PERFORMANCE SECURITY

The Bidder shall submit a performance security as specified in the SCC.

G. Special Conditions of Contract (SCC)

25. DEFINITIONS (GCC CLAUSE 1)

The Procuring Agency is Military Lands & Cantonments Department Murree Road, Saddar Rawalpindi, Postal Code 46000.

26. INSPECTIONS, TESTS AND TRAINING (GCC CLAUSE 7)

The goods received by the Procuring Agency from the Bidder will be thoroughly inspected and examined by any of the representatives nominated by the Procuring Agency to make sure that the goods received conform to the specifications laid down in the bid documents and which have been approved by the Procurement Committee for procurement. The representative will submit its inspection report and any deficiency pointed out by the representative shall have to be rectified by the Bidder free of cost. The Bidder will be responsible to provide the Foreign and/or Local Application and preventive maintenance training to the Procuring Agency's staff / end users.

27. DELIVERY AND DOCUMENTS (GCC CLAUSE 8)

GCC Clause 8.1

(a) For Goods supplied from abroad as per DDU:

Details of shipping and documents to be furnished by the Bidder:

Upon shipment, the Bidder shall notify the Procuring Agency and the Insurance Company by fax or email the full details of the shipment, including Contract number, description of Goods, quantity, the vessel / flight, the Bill of Lading / Air Way Bill number and date, port of loading, date of shipment, port of discharge, etc.

- i. 04 copies of the Bidder's invoice showing the description of the Goods, quantity, unit price, and total amount. Original and 04 copies of the negotiable, clean, on-board bill of lading / air way bill marked "freight prepaid" and 04 copies of non-negotiable bill of lading / air way bill.
- ii. 04 copies of the packing list identifying contents of each package, dimensions and weight.
- iii. Insurance certificate.
- iv. Manufacturer's or Bidder's warranty certificate.
- v. Inspection certificate, issued by the nominated inspection agency/ committee constituted by the Procuring Agency along with Bidder's factory inspection report.

- vi. Certificate of origin.

The Procuring Agency shall receive the above documents at least two weeks before arrival of the Goods at the port or place of arrival and, if not received, the Bidder will be responsible for any consequent expenses.

28. INSURANCE (GCC CLAUSE 9)

GCC 9.1. The goods supplied under the Contract shall be on DDU basis at consignee's end under which risk will be transferred to the Procuring Agency only after it has taken delivery of the goods. Hence insurance coverage is Bidder's responsibility.

29. WARRANTY / GUARANTEE (GCC CLAUSE 12)

GCC 12.1 The goods shall be accompanied by manufacturer Warranty / Guarantee for 01 year.

GCC 12.2 The Procuring Agency shall notify the Bidder in writing of any claims arising out of this warranty.

GCC 12.5 The bidder shall separately quote the price of Service Contract/Post Warranty Maintenance Contract inclusive of spare parts and consumables for 5 years in terms of percentage (%) and amount for total Cost.

30. PAYMENT (GCC CLAUSE 13)

GCC 13.1 The method and conditions of payment to be made to the Bidder under this Contract shall be as follows:

- i. For Goods supplied from outside the Procuring Agency's country:**
- a. The Procuring Agency pays 100% of the L/C value to the Principal through irrevocable letter of credit in a bank in its country after delivery of items, submission of all the requisite documents including installation and commissioning certificate.
 - b. The payment against the extended warranty will be paid by the Procuring Agency annually at the end of each year.

31. PENALTIES/ LIQUIDATED DAMAGES (GCC CLAUSE 16)

GCC 16.1 In case deliveries are not completed within the time frame specified in the schedule of requirements / contract, a Notice will be served on the Bidder which will be followed by liquidated damages and the procuring agency may terminate the Contract to the extent of undelivered portion of Goods. No supplies will be accepted and the amount of Performance Guarantee / Security to the extent of undelivered portion of supplies of relevant Goods will be forfeited/encashed. If the Bidder fails to supply the whole of the Goods, the entire amount of Performance Guarantee/Security will be

forfeited/encashed to the Procuring Agency's account and the Bidder may be blacklisted. However delays due to national/international emergency, calamities, disasters, diseases, Bidder shall not be held responsible.

The liquidated damage shall be 0.2 % per day. The maximum amount of liquidated damages shall be 10% of the amount of contract. Once the cumulative amount of liquidated damages reaches ten percent (10%) of the amount of the contract, the Procuring Agency shall rescind the contract, without prejudice to other courses of action and remedies open to it.

The liquidated damage shall also be applicable on any delay in installation, testing & commissioning of the equipment.

32. ARBITRATION" AND RESOLUTION OF DISPUTES (GCC CLAUSE 20)

GCC 20.3 Dispute resolution mechanism to be applied shall be as follows:

In case of any dispute concerning the interpretation and/or application of this Contract is to be settled through arbitration, the arbitrator to be appointed mutually by the Procuring Agency and the Bidder. The decisions taken and/or award given by the sole arbitrator shall be final and binding on the Parties.

33. PACKING (GCC CLAUSE 21)

GCC 21.1 The packing, marking and documentation within and outside the packages shall be as per manufacturer standards meeting the safety requirements.

34. GOVERNING LANGUAGE (GCC CLAUSE 22)

GCC 22.1 The language of this Contract shall be English.

35. APPLICABLE LAWS (GCC CLAUSE 23)

GCC 23.1 The Contract shall be governed by the Laws of Pakistan and the Courts of Rawalpindi shall have exclusive jurisdiction.

36. NOTICES

Procuring Agency's address for notice purposes:
Military Lands & Cantonments Department
Murree Road, Saddar Rawalpindi, Postal Code 46000

H. SCHEDULE OF REQUIREMENTS

37. SCHEDULE OF REQUIREMENTS

37.1. For Goods supplied from outside the Procuring Agency's country on DDU basis:

- a) The shipment of the items to be imported shall be started as early as possible.
- b) The shipment schedule shall be submitted along with the offer and subject to approval by the Procuring Agency.
- c) The bidder must indicate in his offer the port **from where** the Items will be **shipped**.
- d) The equipment shall be delivered at sites stated in the Technical Specifications against each item within 90 days of the signing of Award Letter or 60 days from the date of opening of LC whichever is earlier.
- e) The installation, commissioning and testing shall be completed within 45 days from the date of written notification from Procuring Agency.

I. TECHNICAL SPECIFICATIONS

38. SPECIFICATIONS

38.1. The technical specifications are attached at ANNEX-1

39. SPECIAL NOTE:

- i. The Procuring Agency will evaluate and compare the bids on the basis of each Lot as specified in Anx-1.
- ii. Country of Origin: As mentioned in Technical Specifications.
- iii. The above specifications are provided for encouraging widest possible competition among the Prequalified firms. However, inadvertently if a brand name, catalogue No. / Name etc. is used in Technical Specifications, it has only been used for the reference purpose. Goods offered "AT LEAST EQUIVALENT" to requisite specifications shall also be considered.
- iv. Equipment must be inclusive of all the standard accessories.
- v. UPS/Power protection for the equipment shall be incorporated in the systems.
- vi. The internal civil and MEP work if any required for the equipment installation will not be carried-out by the Bidder.
- vii. All site specific work required at site for the system viz. Lead Glass/special antistatic flooring, environment control/radiation protection is not included in the price.
- viii. The bidder shall separately quote the price of annual service contract inclusive of spare parts and consumables for 5 years in term of % age of amount of total cost of Service Contract amount.
- ix. Bidder must be provided the User / Technical / Maintenance / Service manuals and Service Keys with each equipment.

J. SAMPLE FORMS

1. PERFORMANCE GUARANTEE/SECURITY FORM FORM OF PERFORMANCE SECURITY

(Bank Guarantee)

Guarantee No. _____

Executed on _____

Expiry date _____

[Letter by the Guarantor to the Purchaser]

Name of Guarantor (Bank) with address: _____

(Scheduled Bank in Pakistan)

Name of Principal (Supplier/Contractor) with
address: _____

Penal Sum of Security (express in words and figures) _____

Notification of Award No. _____ Dated _____

KNOW ALL MEN BY THESE PRESENTS, that in pursuance of the terms of the Bidding Documents and above said Notification of Award (hereinafter called the Documents) and at the request of the said Principal we, the Guarantor above named, are held and firmly bound unto the _____ (hereinafter called the Purchaser) in the penal sum of the amount stated above for the payment of which sum well and truly to be made to the said Purchaser, we bind ourselves, our heirs, executors, administrators and successors, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH, that whereas the Principal has accepted the Purchaser's above said Notification of Award for _____ (Name of Contract) for the _____ (Name of Project).

NOW THEREFORE, if the Principal (Supplier/Contractor) shall well and truly perform and fulfill all the undertakings, covenants, terms and conditions of the said Documents during the original terms of the said Documents and any extensions thereof that may be granted by the Purchaser, with or without notice to the Guarantor, which notice is, hereby, waived and shall also well and truly perform and fulfill all the undertakings, covenants terms and conditions of the Contract and of any and all modifications of said Documents that may hereafter be made, notice of which modifications to the Guarantor being hereby waived, then, this obligation to be void; otherwise to remain in full force and virtue till all requirements of Clause 24.1 of GCC, of Conditions of Contract are fulfilled.

Our total liability under this Guarantee is limited to the sum stated above and it is a condition of any liability attaching to us under this Guarantee that the claim for payment in

writing shall be received by us within the validity period of this Guarantee, failing which we shall be discharged of our liability, if any, under this Guarantee.

We, _____ (the Guarantor), waiving all objections and defences under the Contract, do hereby irrevocably and independently guarantee to pay to the Purchaser without delay upon the Purchaser's first written demand without cavil or arguments and without requiring the Purchaser to prove or to show grounds or reasons for such demand any sum or sums up to the amount stated above, against the Purchaser's written declaration that the Principal has refused or failed to perform the obligations under the Contract which payment will be effected by the Guarantor to Purchaser's designated Bank & Account Number.

PROVIDED ALSO THAT the Purchaser shall be the sole and final judge for deciding whether the Principal (Contractor) has duly performed his obligations under the Contract or has defaulted in fulfilling said obligations and the Guarantor shall pay without objection any sum or sums up to the amount stated above upon first written demand from the Purchaser forthwith and without any reference to the Principal or any other person.

IN WITNESS WHEREOF, the above-bounden Guarantor has executed this Instrument under its seal on the date indicated above, the name and corporate seal of the Guarantor being hereto affixed and these presents duly signed by its undersigned representative, pursuant to authority of its governing body.

Guarantor (Bank)

Witness:

1. _____

Signature _____

Name _____

Corporate Secretary (Seal)

Title _____

2. _____

Name, Title & Address

Corporate Guarantor (Seal)

2. MANUFACTURER'S AUTHORIZATION FORM

[SEE CLAUSE 11.1 (A) OF THE INSTRUCTION TO BIDDERS]

WHEREAS **[name of the Manufacturer]** who are established and reputable

Manufacturers of **[name and /or description of the goods]** having factories at **[address of factory]** do hereby authorize

[name and address of Bidder / Agent] to submit a bid, and subsequently follow- up / negotiate and sign the Contract with you against Invitation for Bids (IFB) / Tender Notice for the goods manufactured, by us, under the patent name of _____ for performance of the contract.

We hereby commit and assure our full guarantee and warranty / guarantee as per Clause 12 of the General Conditions of Contract for the goods offered for supply by the above mentioned firm against this Invitation for Bids.

[Signature for and on behalf of Manufacturer]

Note:

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

3. CONTRACT FORM

THIS AGREEMENT made the _____ day of _____ 2020 between _____
_____ (hereinafter called “the Procuring Agency”) of the one part and
[Name of Bidder] of *[city and country of Bidder]* (hereinafter called “the Bidder”) of
the other part:

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

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

- 1) In this Agreement words and expressions shall have the same meanings as are
respectively assigned to them in the Conditions of Contract referred to.
- 2) The following documents shall be deemed to form and be read and construed as
part of this Agreement, viz.:
 - a) the Bid Form and the Price Schedule submitted by the Bidder;
 - b) the Schedule of Requirements;
 - c) the Technical Specifications;
 - d) the General Conditions of Contract;
 - e) the Special Conditions of Contract; and
 - f) the Procuring Agency’s Notification of Award.
 - g) Performance Security
- 3) In consideration of the payments to be made by the Procuring Agency to the
Bidder as hereinafter mentioned, the Bidder hereby covenants with the Procuring
Agency to provide the goods and services and to remedy defects therein in
conformity in all respects with the provisions of the Contract
- 4) The Procuring Agency hereby covenants to pay the Bidder 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 in the Contract.

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

Signed / Sealed by the Manufacturer / Signed / Sealed by Procuring
Agency/ Authorized Bidder / Authorized Agent

K. Bid Form & Price Schedule

4. BID FORM

To: ML&C Rawalpindi,

Dear Sir,

Having examined the Bidding Documents, the receipt of which is hereby duly acknowledged, we, the undersigned, offer to supply and deliver the goods specified in the said Bidding Documents for the sum of [**Total Bid Amount Rs. [Bid Amount in words _____ only]** or such other sums as may be ascertained in accordance with the Schedule of Prices attached herewith and made part of this bid.

5. The free of cost / discounts offered and the methodology for their application are:

6. We undertake, if our bid is accepted, to deliver the goods in accordance with the delivery schedule specified in the Schedule of Requirements.
7. We agree to the validity of this bid for 90 days from the date fixed for financial bid opening and it shall remain binding upon us.
8. Until a formal Contract is prepared and executed, this bid, together with the written acceptance thereof and/or notification of award, by the Procuring Agency, shall constitute a binding Contract between us.
9. We understand that you are not bound to accept the lowest or any bid you may receive.

Name In the capacity of Signed

Duly authorized to sign the Bid for and on behalf of

Date

A. PRICE SCHEDULE OF EQUIPMENT IN FOREIGN CURRENCY

S#	Detailed Specification of Goods	Model Cat / No.	Name of Manufacturer	Country of Origin	Quantity of items	Unit Price	Total Price
1	2	3	4	5	6	7	8
Total Amount in Foreign Currency							

B. PRICE SCHEDULE FOR COMPREHENSIVE MAINTENANCE CONTRACT AFTER WARRANTY PERIOD

Item No.	Brief Description of the goods	Quantity	Comprehensive Maintenance Contract Cost for Each year subsequent to completion of warranty period.				Maintenance Contract Cost for 05 Years
			1st	2nd	3rd	4 th	

TOTAL BID PRICE: (A+B) = _____

NOTE: -

1. The cost of Comprehensive Maintenance Contract which includes preventive maintenance include testing & calibration as per technical /service /operational manual, spare parts, consumable and labor, after satisfactory completion of Warranty period shall be quoted for next 05 years on yearly basis for complete equipment.
2. All software updates should be provided free of cost during Comprehensive Maintenance Contract period.
3. The supplier shall keep sufficient stock of spare parts required during Comprehensive Maintenance Contract Period. In case the spare parts are required to be imported, it would be responsibility of the supplier.

L. TECHNICAL SPECIFICATION

[Text of Technical Requirements to be inserted in the Bidding Documents by the Purchaser as applicable].

General Information

- a) Technical Specifications;
- b) Original/Copies of Original Brochures of the Equipment;
- c) Industrial Certificates;
- d) Implementation Schedule.

Integration with HMIS

It will be ensured by the supplier that the package is 100% integrated with HMIS of RTEH.

All necessary Protocols and information will be provided and beforehand ensured that the entire package becomes part of HMIS.

Ministry of Defense
Headquarters Military Lands & Cantonments



ITEM-WISE
SPECIFICATION

FOR

**PROCUREMENT OF ELECTROMEDICAL EQUIPMENT
AND PERSONAL PROTECTIVE EQUIPMENT (PPE) FOR
CANTT GENERAL HOSPITALS & DISPENSARIE**

(YEAR 2020)

Items	Specification	Qty	Yes/No	Remarks
(1)VENTILATOR	<p>TECHNICAL SPECIFICATIONS</p> <p>VENTILATION: Microprocessor controlled powerful ventilation system mounted on trolley. LCD color touch screen 12” or above. Patient Range: Neonatal, Pediatrics and Adult Breathing classification: Pressure control, Volume control Pressure control with set Volume Breath. Autoclave able reusable patient tubing circuit for paed Autoclave able reusable patient tubing circuit for adult CO2 measurement via Mainstream/side stream</p> <p>MODES OF VENTILATION: Intermittent Positive Pressure Ventilation - Standard & synchronized Intermittent Mandatory Ventilation - Precise rapid breath rescheduling Continuous Spontaneous Ventilation - Completely unassisted & patient driven Standby Ventilation - Simple trouble-free disconnection Assist/Control Ventilation - Steady dependable tidal cycling</p> <p>CONTROL: Set & measured parameters simultaneously.</p> <p>MEASUREMENT RANGE/SPECIFICATION: Inspiratory tidal volume: Adjustable range : 50ml to 1500ml, Display Range: 0-2000ml Respiratory rate: 1 to 99 bpm SIMV rate: 1 to 50 bmp Inspiratory pressure limit: 10 to 60 cmH2O Minute Volume \geq18L/min BTPS Inspiratory Time: 0.1-2.0s I : E ratio : 4:1-1:4 PEEP: 0 to 10 cm H2O O2 Concentration: 21 to 100% Trigger sensitivity: 10 - 10 cm H2O Oxygen and Air inlet pressure range: 280-600 kPa</p> <p>Monitoring parameters for set and measured value simultaneously:</p>	17		

	<p>Tidal Volume, Minute Volume, Control Frequency, Spontaneous respiration rate, Airway pressure, I:E inhalation & exhalation status Inspiratory trigger, Inhaled oxygen concentration, PEEP, Airway resistance, Lung compliance with pressure and volume loops. Trigger sensitivity indication Trend Data The waveform should be displayed on ventilator's screen.</p> <p>ALARMS: AC power failure High and low Expired minute volume High and low peak air way pressure High and low breath rate FiO2 variation Low and high base line pressure Gas supply source failure Low battery</p> <p>NEBULIZER: Built in ultrasonic nebulizer of the patient during ventilation Supply requirements: Electric 220 V 50 Hz</p> <p>BATTERY BACKUP: Internal battery backup of minimum 60 mints.</p> <p>HUMIDIFIER: 9 level adjustable humidifier and with reusable/dsposable chamber</p> <p>Accessories: Pediatric Patient Circuit Reusable pediatric Flow sensor Adult Patient Circuit Reusable Adult Flow sensor Articulated Arm Nebulizer Kit reusable Test lung Adult Should have built-in turbine. 1 x True Online full load pure sine wave UPS compatible with machine with back up time of one hour by renowned manufacturer based at USA/Western Europe, Japan or China.</p>			
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	<p>An Additional set of all Accessories/ leads / probes/ spare parts of each module</p> <p><u>Training</u> Free Comprehensive User Training on site initially on installment and refresher training when asked by the CGH throughout life cycle. Free Technical Training on site initially on installment, and detailed local technical training & refresher training as & when asked by the Hospital throughout life cycle.</p> <p>CE Certification (Attach Certificates)</p> <p>COUNTRY OF MANUFACTURER & ORIGIN: USA / WESTERN EUROPE / JAPAN/CHINA only</p>			
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Items	Specification	Qty	Yes/No	Remarks
<p>(2) CARDIAC MONITOR</p>	<p>FEATURES: Support central monitoring system Support LAN, WIFI Connected to max 64 bedside units at the same time Full view alarm lamp Physical shortcut key NIBP Module adaptive inflated Faster, more accurate High Frequency ECG signal acquisition 3/5/12 leads support Leads off detect SpO2 measure low perfusion as low as 2% Optional, ETCO2, AG, IBP</p> <p>TECHNICAL SPECIFICATION: ECG: Numeric: heart rate 15-300 BPM(Adult) 15-350BPM (Neontal) Lead Mode: I, II, III, aVR, aVL, aVF, V Resolution: 1BPM Accuracy ±1% ST measurement Range : -2.0-+2.0mV Sweep Speed: 12.5mm/s, 50mm/s</p> <p>NIBP: Work Mode: Manual, Automatic, Continuos Numeric: systolic, diastolic and mean pressure Unit: mmHg, kPa</p>	<p>37</p>		

	<p>Selectable auto inflate interval settings Rising cuff/continuous pressure display.</p> <p>TEMPERATURE: Numeric: temperature selectable in °C/°F. Measuring and alarm range 0 to 50°C (32 to 122°F) Resolution 0.1°C (0.1°F) Refresh time Every 1 to 2 s Accuracy ± 0.1°C</p> <p>RESPIRATION:</p> <ul style="list-style-type: none"> • Breath rate display and settable apnea alarms. • Measure range: 0-150BrPM • Resolution 1BrPM • Accuracy: ± 2% <p>SPO2: Measure range: 0-100% Resolution: 1% Accuracy: 2% Pulse Rate: 20-250 BPM Accuracy: ± 3BPM</p> <p>OPTIONAL ETCo2 IBP IOC 12-lead electrocardiogram Masimo Spo2</p> <p>ALARMS: High & low (settable) on all parameters Visual and audible indication of alarms</p> <p>OPERATING REQUIREMENTS: 720h monitoring data storage Built-in Rechargeable Battery for at least 2 - 3 hours for AC power failure at full parameters.</p> <p>POWER REQUIREMENT: Should be operatable on 220V+/-10% 50HZ Internal Battery should be sealed lead acid type with more than 1 hr continuous use.</p> <p><u>Training:</u> Free Comprehensive User Training on site initially on installment and refresher training when asked by the CGH throughout life cycle. Free Technical Training on site initially on installment, and detailed local technical training at firm's head office refresher training. Refresh technical training when asked by the Hospital throughout life cycle. Guaranteed supply of all reagents & electrodes along-with fixed price for 12 years</p>			
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	<p><u>General Requirements:</u></p> <ul style="list-style-type: none"> • All the accessories and supporting equipment should be genuine and of original manufacturer. • Supplying firm will be responsible to quote additional items which are essentially required for smooth and interrupted operation of the offered equipment, if not mentioned in the technical specs. • In case of failure supplying firm will provide the same free of cost, otherwise the same will be arrange by CGH RWP and payment amount will be deducted from outstanding amount of supplying firm held with RCB. • PPEs and expendables required for smooth and interrupted operation of the offered equipment. • Starting kit for minimum 10 x test will be provide by the supplying firm free of cost. • 1xPPM kit free of cost by supplying firm. • An Additional set of all Accessories/ leads / probes/ spare parts of each module <p>Country of Manufacturer & Origin: USA / WESTERN EUROPE / JAPAN/ CHINA Only CE/JIS marked (attached Certification)</p>			
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Items	Specification	Qty	Yes/No	Remarks
<p>(3) Central Monitoring System</p>	<p><u>FEATURES:</u> High-end , FS3 is the latest highest level infusion solution of BEYOND. Integrated the function of both PI3 and ID3. Enable to retrieve basic info of patient by the scanner. With 5 inch colorful touch screen. Enable to program the active pumps through CM3 or main controller. Enable to transmit the infusion data of each bed unit to CM3 through network cable. Enable to communicate with HIS and CIS and get patient's infusion therapy program after authorization. Simultaneously upload information such as the model, connect status, operating status,</p>	03		

	<p>and infusion mode of the infusion pump to the nurse station or HIS/CIS system in real time.</p> <p>Built-in multiple statistical modes, for intuitively reflect the use of device (Volume infused, patient information, drug information, etc., providing data support for clinical investigation and scientific research). Informationized drug library management, caregivers can easily select commonly used infusion drugs.</p> <p>View all nurse shift records (input records, delivery records, special medications, etc.).</p> <p>History record printing function</p> <p>Alarm</p> <p>Alarms High and low limits alarm</p> <p>Arrhythmia alarm</p> <p>Audible and visual alarm</p> <p>Automated alarm notification via e-mail, SMS and/or phone</p> <p>Possible connection to an in-house alarm system or external alarm beacon</p> <p>Data Storage</p> <p>2000 event logs of each patient</p> <p>Memory maximum 20000 patient history record</p> <p>Data backup and recovering, factory setting restore</p> <p>Reporting</p> <p>Practical tools for compiling audit-ready reports showing data, graphical notations, alarms and full event/ action audit trail Automatically send reports to user-defined e-mail addresses Sensor-specific reports</p> <p>Recorder</p> <p>Real-time recording, review recording and historical</p> <p>Reports recording</p> <p>Connection Mode</p> <p>Complete solution for LAN, wireless LAN, and mixture networking</p> <p>Training:</p> <p>Free Comprehensive User Training on site initially on installment and refresher training when asked by the CGH throughout life cycle.</p> <p>Free Technical Training on site initially on installment, and detailed local technical training at firm's head office refresher training.</p>			
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	Refresh technical training when asked by the Hospital throughout life cycle.			
	CE Certification (Attach Certificates) COUNTRY OF MANUFACTURER & ORIGIN: USA / EUROPE / JAPAN/CHINA only			

Items	Specification	Qty	Yes/No	Remarks
(4) PULSE OXIMETER	<p>SpO₂ monitoring Continuously real-time display SpO₂, PR, SpO₂ plethysmogram, Bar graph, SpO₂ and Pr trend graph. Adopting digital SpO₂ technology, which has strong anti-interference capability. Trend graphs with adaptive scaling function. Standard adult finger-clip probe, binding probe for neonatal patients is optional</p> <p>SpO₂ Measurement Range: 35% ~100% Resolution: 1% Accuracy: ±2% (70%~100%), 0%~69% unspecified</p> <p>PR Measurement Range: 20bpm~250bpm Resolution: 1bpm Accuracy: ±2bpm or ±2%</p> <p>CE Certification (Attach Certificates) COUNTRY OF MANUFACTURER & ORIGIN: USA / WESTERN EUROPE / JAPAN/ CHINA only</p>	28		

Items	Specification	Qty	Yes/No	Remarks
(5) Syringe Pump	<p>Accessories: Easy to use and nurse friendly. Automatic syringe size and model detection Large format LCD/TFT display. Minimum flow rate range from 0.1 – 1200 ml/hr for 50ml syringe, 0.1 – 100 ml/hr for 20ml syringe and 0.1 – 60 ml/hr for 10ml syringe. Syringe range from 10-20-50/60 ml. Flow rate accuracy of ±3%</p>	31		

	<p>Bolus rate up to 1000ml/hr for 50 ml syringe. Automatic and manual bolus. 3 levels of programmable occlusion pressure. Automatic bolus reduction system to avoid accidental bolus delivery after occlusion incident. Rechargeable battery with back up time of minimum 3 hours. Pump must trigger following alarms with visual indication:- KVO rate: 0.1ml-5.0ml Alarm: Occlusion Pressure Alarm Internal malfunction and Battery Charge Low Alarm Syringe disengaged and incorrectly placed alarm Alarm loudness control. No mains Line disconnected (rapid pressure drop). Work with input 200 to 240Vac 50 Hz supply. Safety certificate from a competent authority CE Certificate valid detailed electrical and functional safety test report from ERTL. Copy of the certificate / test report shall be produced along with the technical bid An Additional set of all Accessories/ leads / probes/ spare parts of each module</p> <p><u>Training</u> Free Comprehensive User Training on site initially on installment and refresher training when asked by the CGH throughout life cycle. Free Technical Training on site initially on installment, and detailed local technical training & refresher training as & when asked by the Hospital throughout life cycle.</p> <p>CE Certification (Attach Certificates)</p> <p>COUNTRY OF MANUFACTURER & ORIGIN: USA / WESTERN EUROPE / JAPAN/CHINA only</p>			
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Items	Specification	Qty	Yes/No	Remarks
(6) INFUSION PUMP	<p>INFUSION PUMP Used For Continuous Controlled Administration Of I.V Drugs. Infusion Pump Should Be One with Of Infusion rate, INFUSION RATE1 ml/hr to 1200 ml/hr Remotely control infusion processes to realize safer and precise infusion Compatible with all commonly used medical grade IV administration sets DELIVERY RATE / CAPACITY: rate 0.1 ml/hr to 999.9 ml/hr Universal drop sensor BATTERY BACKUP TIME: Min 2-3. hr at max delivery rate DISPLAY with LCD and LED to make remote observation possible. VOLUME SELECTION: 0.1...9999.9 ML / TIME SELECTION: MAX. 99 H 59 MIN Automatic Calculation of Delivery Rate - From Volume and Time AIR BUBBLE SIZE: $\leq 25\mu\text{l}$ ANTI- BOLUS: Automatically release tubing pressure when there is occlusion ALARM TONE: Near infusion finished, infusion finished, door open, air bubble, forgotten operation, battery low, battery empty, abnormal running state, equipment failure, power fault, replace infusion set, drop sensor is pulled out STANDBY INFUSION PAUSE: max 99 h 59 min., pre-set values remain store DRUG LIBRARY: Up to 1000 drugs</p> <p>Deactivation of drop control - in conjunction with volume pre-selection.</p> <p>Training Free Comprehensive User Training on site initially on installment and refresher training when asked by the CGH throughout life cycle. Free Technical Training on site initially on installment. Local Technical training at firm head Office for 2-3 Biomedical Engr. Refresher training as & when asked by the Hospital throughout life cycle. CE Certification (Attach Certificates) COUNTRY OF MANUFACTURER & ORIGIN: USA / WESTERN EUROPE / JAPAN/CHINA only</p>	14		

Items	Specification	Qty	Yes/No	Remarks
(7) C-PAP MACHINE	<p>LCD screen 2.4 inches Pressure range: 4-20cm H₂O Pressure increment :0.5 cm H₂O Reslex : off/1/2/3 Ramp: 0-60minutes Sound: <30 dba Alarms: Power fail/high leak Humidity Level: off/1-5 Data storage: sd card</p> <p>Training Free Technical Training on site initially on installment. Local Technical training at firm head Office for 2-3 Biomedical Engr. Refresher training as & when asked by the Hospital throughout life cycle. CE Certification (Attach Certificates) COUNTRY OF MANUFACTURER & ORIGIN: USA / WESTERN EUROPE / JAPAN/CHINA only</p>	26		

Items	Specification	Qty	Yes/No	Remarks
(8) Nebulizer High Frequency	<p>NEBULISER – ULTRASONIC TYPE</p> <ul style="list-style-type: none"> • Should be lightweight, portable, Compact and easy to use. • Frequency of ultrasonic generator should be greater than 2.5 MHz • Should have 3 speed nebulization rate control (minimum, medium, maximum) • Should have a nebulization capacity of 0.3 ml/min. • Transducer element should have life of at least 5000 hours • Medication cup capacity should have capacity of maximum 8ml. • Should uses water as ultrasonic conduction medium, no gel is required. • Should provide silent operation. • Should have a built in timer and shuts off after 10 minutes' use • Should works on 200-240 VAC / 50 Hz. • Should be provided with a complete nebulization kit of 10 Nos. 	20		

	<ul style="list-style-type: none"> Including adult and child mask and medication cup – 5 Nos. <p>CE Certification (Attach Certificates) COUNTRY OF MANUFACTURER & ORIGIN: USA / WESTERN EUROPE / JAPAN CHINA only</p>			
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Items	Specification	Qty	Yes/No	Remarks
<p>(9) DEFIBRILLATOR</p>	<p>DEFIBRILLATOR (1)Defibrillator type:Manual, Synchronized, Asynchronized, (2)Energy accuracy: Z+1 % (3)Energy selection:o, 3, 5, 7, 10, 20, 30, 50, 100, 200,300, 360 joules (nominal at a resistance of 50) (4)Charging time:Maximum 10 seconds to 360 Joules (5)Standard Adult/Pediatric Paddles Reusable external adult paddles (pediatric paddles integrated)</p> <p>POWER REQUIREMENTS (a)AC Power Hz (b) Vehicle Voltage(Option):DC 12V</p> <p>INTERNAL BATTERY BACKUP (1)Battery type :Rechargeable lead-acid battery (12V 2.OAhX2) (2)Charging time: ime-Minimum of 4 hours for full charging (3)Battery charging: During AC Power Supply operation of the device. (4) Charging /Low Battery Indication: Red LED (5) Battery Capacity: 100% of the battery will provide 120-min monitoring; and 30 discharges at 360 joules.</p> <p>DISPLAY LCD Dimensions: 7-inch Type: High resolution true-color graphic -Resolution:480X284,</p>	<p>14</p>		

	<p>ECG ECG lead: I, II, III, AVR, AVL, AVF, VI~ V6 Protection: With stand 4000vAc/50Hz voltage in isolation and work against electrosurgical knife and defibrillation</p> <p>RESPIRATION</p> <p>Measurement method: Thoracic impedance NIBP</p> <p>Working mode: Manual/Automatic/stat(5 minutes) Method: Automatic oscillation Cuff type: standard Adult; optional Pediatric/Neonatal</p> <p>TEMPERATURE Measurement range 20—45 C Resolution 0.1 C</p> <p>TEMPERATURE Display: spO2 value, pulse histogram, waveform, Pulse Range : adult, pediatric and neonatal patients Probe : standard adult finger clip optional pediatric Y-type clip and neonatal wrap</p> <p>PULSE RANGE Pulse range: 0-255bpm</p> <p>STANDARD PARAMETER & CONFIGURATION ECG/ RESP/SP02/TEMP/PR/NIBP/ DEFIBRILLATOR</p> <p>OPTIONAL Recorder, Li-ion battery (11.1V 4Ah X2)</p> <p>CE Certification (Attach Certificates)</p> <p>COUNTRY OF MANUFACTURER & ORIGIN: USA / WESTERN EUROPE / JAPAN/CHINA only</p>			
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Item Name	Specification	Qty	Yes/No	Remarks
(10) ABG Machine portable	100-180 mmol/L (mEq/L) With Li or balanced heparin anticoagulant 2 2.0-9.0 mmol/L (mEq/L) With Li or balanced heparin anticoagulant 2 65-140 mmol/L (mEq/L) With Li or balanced heparin anticoagulant 2 (-10)-(+99) mmol/L (mEq/L) With Li or balanced heparin anticoagulant 2 0.25-2.50 mmol/L 1.0-10.0 mg/dL Without anticoagulant. With balanced heparin anticoagulant 2 1.1-38.9 mmol/L 20-700 mg/dL With Li or balanced heparin anticoagulant 2 3-140 mg/dL (BUN) 1-50 mmol/L (Urea) With Li or balanced heparin anticoagulant 2 0.2-20.0 mg/dL 18-1768 µmol/L With Li or balanced heparin anticoagulant 2 0.30-20.00 mmol/L 2.7-180.2 mg/dL With Li or balanced heparin anticoagulant 2 15-75 % PCV 0.15-0.75 Fraction With Li or balanced heparin anticoagulant 2 5.1-25.5 g/dL 51-255 g/L With Li or balanced heparin anticoagulant 2 6.50-8.20 With Li or balanced heparin anticoagulant 2 5-130 mmHg 0.67-17.33 kPa With Li or balanced heparin anticoagulant 2 5-800 mmHg 0.7-106.6 kPa With Li or balanced heparin anticoagulant 2 5-50 mmol/L (mEq/L) With Li or balanced heparin anticoagulant 2 1.0-85.0 mmol/L (mEq/L) With Li or balanced heparin anticoagulant 2 (-30)-(+30) mmol/L (mEq/L) With Li or balanced heparin anticoagulant 2 0-100% With Li or balanced heparin anticoagulant 2 50-1000 Seconds Without anticoagulant ONLY maximum 16.7	3		

	<p>50-1000 Seconds Without anticoagulant ONLY maximum 16.7 0.9-8.0 INR* Without anticoagulant ONLY maximum 5 5.0-2000.0 IU/L With Na or Li heparin anticoagulant 10 0.00-50.00 ng/mL ($\mu\text{g/L}$) With Na or Li heparin anticoagulant 10 0.0-150.0 ng/mL ($\mu\text{g/L}$) With Na or Li heparin anticoagulant 5 15-5000 pg/mL (ng/L) With EDTA anticoagulant 10</p> <p>Country of Manufacturer & Origin: USA / WESTERN EUROPE / JAPAN / /CHINA only CE/JIS marked (attached Certification)</p>			
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Items	Specification	Qty	Yes/No	Remarks
(11) ECG MACHINE 12 CHANNEL	<p>Lead standard 12 leads Input circuit floating : build in defibrillator protection Acquisition mode : Simultaneous 12 leads acquisition Measurement Range : $\pm 5\text{mVpp}$ Time Constant : $\geq 3.2\text{s}$ Frequency Response 0.05Hz ~150Hz (3dB) Sensitivity: 2.5mm/mv-5mm/mV, 10 mm/mm/mV, 20mm/mV Input Impedance: $>50\text{m}$ Input circuit Current : $<0.05\mu\text{A}$ Noise Level: $<5\mu\text{Vp-p}$ Anti-baseline Drift: Automatic Patient current leakage: $<10\mu\text{A}$ (220v-240V)</p>	17		

Items	Specification	Qty	Yes/No	Remarks
(12) IR Thermometer	<p>2 IN 1 human body & Industrial thermometer Temperature Range : $32^{\circ}\text{C}\sim 42^{\circ}\text{C}$; - $50^{\circ}\text{C}\sim 380^{\circ}\text{C}$ Accuracy: $\pm 0.3^{\circ}\text{C}/\pm 2\%$ or 2°C Repeatability: $\pm 1\%$ or $\pm 1^{\circ}\text{C}$ Resolution: 0.1°C or 0.1°F High Temperature Alarm Temperature Difference can be Adjustable Laser Target Pointer Selection $^{\circ}\text{C}/^{\circ}\text{F}$ Selection</p>	184		

	Backlight Display Selection,Data Hold Function Auto Power Shut Off,Low Battery Indication Power supply: 1 pc DC 9V battery Packaging Details : 20pcs/carton, carton size: 26*43*29CM, G.W.: 6.5kg CE Certification (Attach Certificates) COUNTRY OF MANUFACTURER & ORIGIN: USA / EUROPE / JAPAN /CHINA only			
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Items	Specification	Qty	Yes/No	Remarks
(27) Fumigation Machine: VOLUME 50-1000m3	Technical Specifications <ul style="list-style-type: none"> • Advanced system based on latest technology of hydrogen per oxide with silver nitrate solution in ready to use form. • The unit should be microprocessor controlled with delayed start and auto stop for the disinfection of the area subject to microbiological contamination in healthcare sector of O.T., ICU and other hospital areas. • The unit should be based on bio decontamination system, able to inactivate pathogens including spores, bacteria (including multi drug resistant organisms), viruses and fungi. • Machine can be controlled to a remote control for automatic activation. The remote control plug enables the launch of the system from outside the room. • Turnaround time for standard hospital room = ~1hr. • Environment friendly practically 100% bio-degradable. No carcinogenic or mutagenic effects. • Electric turbine of 1000-1100 watts • Rotation speed of 20,000-22000 rpm • No liquid injection pump • Dry mist projection by Venturi effect up to 15 meters from the appliance 	15		

	<ul style="list-style-type: none"> • Speed of mist exit: 80m/s • Particles size = 5 microns • Adjustable flow from 1 to 5 ml/m³ • Automatic stop and delayed start, Fire-extinction hood • Uses nontoxic biodegradable products • Minimum Volume range: 50 m³ • Maximum Volume Range: 1000 m³ • The equipment should be compatible with disinfectant solutions (For Preventive & Curative Treatment). Further, The manufacturer should be capable to provide monitoring calorimeter test Strips. <p>CE Certification (Attach Certificates) COUNTRY OF MANUFACTURER & ORIGIN: USA / EUROPE / JAPAN//CHINA only</p> <p>Disinfectant Solutions</p> <ul style="list-style-type: none"> • Disinfectant Solution for Preventive Treatment: The Product Based should be based on hydrogen peroxide (6%) & 20 ppm Silver nitrate, ready for use, conceived to be used exclusively with the appliances. The couple enables to make surface disinfection treatments with bactericidal, Virucidal, fungicidal and sporicidal efficiency with neutral fragrance. The association should effective for all types of microorganisms. BIO-Disinfectant for Air and Surfaces. • Disinfectant Solution for Curative Treatment: The product should be designated for reinforced Disinfection treatments. Solution should be based on hydrogen peroxide (12%) & 20 ppm Silver nitrate, ready for use, conceived to be used exclusively with the appliances. The couple enables to make surface disinfection treatments with bactericidal, Virucidal, fungicidal and sporicidal efficiency with neutral fragrance. BIO-Disinfectant for Air and Surface 			
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	<p>Must be bound to provide 150 Cartridges (10 Cartridge with each machine)</p> <p>Monitoring Gadgets</p> <p>Calorimeter Strips: The test sticks designed to semi-quantitative highlight of hydrogen peroxide (H₂O₂) and of peroxide in solutions. They especially enable to check that the diffusion with system is homogeneous. The sticks must contain an organic redox indicator reacting with hydrogen peroxide to form a compound of blue oxidations.</p> <p>CE Certification (Attach Certificates) COUNTRY OF MANUFACTURER & ORIGIN: USA / EUROPE / JAPAN/ /CHINA only</p>			
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Items	Specification	Qty	Yes/No	Remarks
(28) Spray Machine	<p>Sprayer Type: Pump Material: Metal, PP Metal Type: Stainless Steel Color: white Tank Capacity:10L Lance: Stainless Steel Lance Nozzle: Stainless steel Hose material: Agriculture stainless steel sprayer Work pressure:0.2-0.3Mpa With 10 Ltr chemical/solution each machine</p>	88		

List of PPE's & Expendables/Consumables Required for Corona Protection

Sr.	PPE's / Consumables / Expendables	Qty	Description
13.	PCR Lab Eqpt (Kits)	3 (3000)	Including complete range of testing kits for tests related to corona
14.	Medical Respiratory (Mask N95)	4900	Designed to achieve a very close facial fit and very efficient filtration of airborne particles. Blocks at least 95 percent of very small (0.3 micron) test particles.
15.	Medical Face Mask	84000	Three / thin Layer Mask with top of the mask contains a metal strip that can be formed to your nose.
16.	Medical Gloves	84000	As per medical standards. Protection - Excellent liquid penetration resistance and barrier to fine particulates. Reduces the risk of fiber contamination in some critical areas
17.	Medical Caps	84000	
18.	Shoe Covers	84000	As per medical standards. Disposable and easy wearable for emergency situations. Protection - Excellent liquid penetration resistance and barrier to fine particulates. Reduces the risk of fiber contamination in some critical areas. Disease penetration resistant with
19.	Surgical Gown	41000	As per medical standards. Protection - Excellent liquid penetration resistance and barrier to fine particulates. Reduces the risk of fiber contamination in some critical areas. Comfort - Moisture vapor permeable ('breathable') to help reduce the risk of heat stress. Optimized body fit - Improves wearer comfort and safety
20.	Biological Suit (Coverall)	17900	<p>Nonwoven SMS Virus Protection Suit Full Body Biological Protective Safety Clothing Isolation Gown</p> <p>Features</p> <p>Protection - Excellent liquid penetration resistance and barrier to fine particulates (>0.01 microns*)</p> <p>Comfort - Moisture vapor permeable ('breathable') to help reduce the risk of heat stress</p> <p>Low linting - Reduces the risk of fiber contamination in some critical areas</p> <p>Optimized body fit - Improves wearer comfort and safety</p> <p>Anti-static - Tested according to EN 1149-1</p>

21.	Safety Medical Goggles	1780	Standard Size,PVC material, Medical grade ,Excellent fit, Strong and durable, High Impact resistance
22.	Medical Safety Shoes	555	Medical grade upper material-PVC,Outsole PVC, 38 cm height, water proof
23.	Medical Face Shield (R)	555	Transparent PET & Eco Friendly, Protection from aerosol, droplet splash, sand & rain, Medical grade, Easily adjustable to every size face, ecofriendly, anti-fog, , Face Shield is made of polymer anti-fog PET sheet, colorless and transparent, effectively protecting facial skin and eyes. Double-sided anti-fog and anti-vertigo, the face shield can prevent blurred vision caused by temperature difference and water vapor, it is gentle to the eyes. Light mask, easy to wear, safe and comfortable. There is protective film on both sides of mask, please remove the protective film before using.
24.	Corona testing Kit	4210	Complete range of type of tests related to corona
25.	ABG Kits (Set of all test Cartridge for 500 tests)	6	ABG Kit containing Complete range of all tests
26.	Hand Sanitizer 0.5ml/1 L	4551 Ltrs	Branded/Imported Quality, Short exposure time Inactivates bacteria, yeasts, and viruses such as HBV, HCV and HIV within 60 seconds. Contains skincare, moisturizing and nourishing ingredients Even with frequent use, high-quality moisturizing and nourishing ingredients maintain the skin's moisture levels, preventing cracking and dryness. Excellent skin compatibility The chlorhexidine-free formula minimizes the risk of allergies and skin irritations. Pleasant lemon fragrance Biodegradable The solution is biodegradable and does not negatively impact the ecosystem. Complies with European hand hygiene standards. The hand disinfectant meets the latest requirements of the European standards for hand disinfection EN 1500 and EN 12791.
27.	Fumigation Machine	15 Machines with 150 Cartridges	Specification Added above
28.	Spray machine with Disinfection Solution	With 20 Ltr chemical/solution each machine	Specification Added above

TECHNICAL EVALUATION PERFORMA

ITEM NO___

Item Name

PART- I

TECHNICAL EVALUATION

(All evaluation parameters defined below are mandatory for compliance)

Sr. No.			M/S ABC	M/S ABC	M/S ABC
1	Complete item with accessories and Optional	Yes / No			
2	Affidavit from Bidder (as per Supplier Declaration Template)	Yes / No			
3	Bid Validity	Yes / No			
4	Delivery Period	Yes / No			
5	Compliance of Warranty as per tender	Yes / No			
	Remarks	(Eligible/ Not Eligible for further evaluations of PART-II)			

PART – II

PRODUCT EVALUATION

(All evaluation parameters defined below are mandatory for compliance.)

Item	SPECIFICATION COMPLIANCE /EVALUATION PARAMETERS				
Sr.No					
1	Equipment Manufacturer				
2	Country of Manufacturer/Origin				
3	Model Number				
4	Place of Manufacturer				
5	Compliance with defined quality standards (FDA 510k, MDD, JpMHLW, CE Mark for medical equipment)	Tech. Acceptable /Not (Mention the reasons)			
6	Specifications/Sample Evaluation:	Eligible / Not Eligible			
7	Technical Eligibility of Product:	Eligible / Not Eligible			
8	Technical Eligibility of Firm:	Responsive/ Substantially Responsive/Non Responsive			
9	BID STATUS:				

**Part III
Technical Comparison**

Sr	Specification				
1	All Technical Specification as per bidding form Item specs				
2	CE / JIS Marked				
3	Country of Manufacture: USA/WESTERN EUROPE/JAPAN				