

STANDARD BIDDING DOCUMENT
FOR
THE ADP SCHEME "PROVISION OF MISSING
FACILITIES AND UPGRADATION OF ELECTRICITY
SYSTEM AT SZMC/SZH, R. Y. KHAN"
(IT EQUIPMENT & MISC. MACHINERY/EQUIPMENT)
AND
THE ADP SCHEME "PROGRAMME FOR
REVAMPING OF EMERGENCIES OF TERTIARY
CARE HOSPITAL IN PUNJAB (SHEIKH ZAYED
HOSPITAL, RAHIM YAR KHAN)"
(MEDICAL EQUIPMENT)
(Financial YEAR 2022 - 23)



SHEIKH ZAYED MEDICAL
COLLEGE/HOSPITAL
RAHIM YAR KHAN
GOVERNMENT OF THE PUNJAB HEALTH
DEPARTMENT
TELEPHONE No. 068-9230066

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RE-TENDER NOTICE



Sheikh Zayed Medical College/ Hospital, Rahim Yar Khan invites sealed bids from firms having established credentials in terms of Technical, Financial and Managerial capabilities for the procurement of IT Equipment, Misc. Machinery/Equipment and Medical Equipment for the following ADP Schemes; -

PROVISION OF MISSING FACILITIES AND UPGRADE OF ELECTRICITY SYSTEM AT SHEIKH ZAYED MEDICAL COLLEGE/HOSPITAL, RAHIM YAR KHAN" (ADP NO.424)

IT Equipment and Misc. Machinery/Equipment	Estimated Cost (Million)	Tender Fees
Computers, Work station, UPS for computer, Black & white laser printer, HDD Surveillance Series for NVR, Digital Camera, Renovation of Server Room, Biometric Attendance Machines with software, WIFI Solution, Video Conferencing System, Dedicated CIR Connection for Internet, Audio Conferencing System, UPS 3 KVA with Synchronizing Card.	Rs.11.668	Rs.2,000/-
Tow Type Aerial Platform / Bucket Lifter, Fork Lifter, Floor Standing AC 4TR, Wall mounted Split AC.	Rs. 12.760	

"PROGRAM FOR REVAMPING OF EMERGENCY SERVICES AT TERTIARY CARE HOSPITALS IN PUNJAB (SHEIKH ZAYED HOSPITAL, RAHIM YAR KHAN)" (ADP NO. 426)

Medical Equipment	Estimated Cost (Million)	Tender Fees
1. Pendant (Anesthesia), 2. Pendant (Surgical), 3. Mobile Operation Light, 4. Sonicaid.	Rs. 5.197733	Rs.2,000/-

As per details given in the Tender/ Bidding documents for the financial year 2022-23 on (DDP) free delivery on consignee's Rahim Yar Khan or LC basis, as the case may be on following terms.

- Interested bidders may get the bidding document with detail specifications of above mentioned equipment/items from "Office of Development Wing, Sheikh Zayed Medical College/Hospital, R.Y.Khan" during office hours immediately after the publication of this advertisement upto **24-12-2022 by 09:00 a.m** or download from official website www.szmhc.edu.pk. The bidders are required to submit the written request for the issuance of tender along with copy of CNIC and non-refundable tender fee.
- Single-Stage – Two Envelops bidding procedure shall be applied. The envelopes shall be marked as "FINANCIAL PROPOSAL" and "TECHNICAL PROPOSAL" in bold and legible letters. The Financial Proposal of bids found technically non-responsive shall be returned unopened to the respective bidders.
- Sealed bids are required to be brought in person by the authorized representative of the interested bidder or by registered post on or before **24-12-2022 by 09:30 a.m** positively. The bids received till the stipulated date & time shall be opened on the same day at **10:00 a.m**, the bidders or their authorized representatives may witness the opening of bids, if so desired.
- The bidders are required to submit the company profile including Technical, Engineering, Managerial capabilities, after-sale services and past Experience/Performance along with their Technical Bid strictly in the manner prescribed by the bidding document.
- The bidders are required to quote latest model of machinery/equipment and give their best and most competitive prices for the equipment.
- The procuring agency may reject all bids or proposals at any time prior to the acceptance of a bid or proposal.
- The procuring agency shall upon request communicate to any supplier or contractor who submitted a bid or proposal, the grounds for its rejection of all bids or proposals, but is not required to justify those grounds.
- The Procuring Agency shall incur no liability, solely by virtue of its invoking Clause (6) towards suppliers or contractors who have submitted bids or proposals.
- Notice of the rejection of all bids or proposals shall be given promptly to all suppliers or contractors that submitted bids or proposals.
- Procurements shall be governed by the Punjab Procurement Regulatory Authority Act 2009 & rules made thereunder.
- All Taxes & Duties will be charged as per Government rules (if applicable) and there will be 3% bid security of the estimated cost of quoted equipment/item.

IPB-1065

(Prof. Dr. Muhammad Saleem)

Principal
Sheikh Zayed Medical College/Hospital
Rahim Yar Khan
Phone No. 068-9230066

General Instructions:**1. Content of Bidding Document**

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

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

1.2 The "Invitation for Bids" does not form part of the Bidding Documents and is included as a reference only. In case of discrepancies between the Invitation for Bid and the Bidding Documents listed in 1.1 said Bidding Documents shall take precedence.

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

2. Source of Funds

2.1 Government of Punjab.

3. Eligible Bidders

3.1 This Invitation for Bids is open to all original Manufacturers/authorized sole Agents of Foreign/ Local manufacturers in Pakistan for supply of goods.

3.2 The bidder must possess valid legal enforceable exclusive authorization from the Foreign/Local Manufacturer; they should have a documentary proof to the effect that they are the original Manufacturer of the required goods.

3.3 Bidders should not be under a declaration of ineligibility for corrupt and fraudulent practices issued by any Government (Federal, Provincial), a local body or a public sector organization.

4. Eligible Goods and Services

4.1 Country of manufacturer should be of USA, Europe and Japan; unless otherwise any other country of manufacturer is mentioned in specifications. However, country of origin of equipment could be from any geographical region of the world as per laws of Pakistan.

4.2 For the purpose of this clause, (a) the term "Goods" includes any Goods that are the subject of this Invitation for Bids and (b) the term "Services" includes related services such as transportation, insurance, after sale service, spare parts availability, etc. For purposes of this clause, "origin" means the place where the goods are mined, grown, or produced, or the place from which the related services are supplied. In case of the "manufacturer" the "origin" means the firm is based and registered in that country and registered with their stock exchange. Goods are produced when, through manufacturing or processing, or substantial and major assembly of components, a commercially recognized product is produced that is substantially different in basic characteristics or in purpose or utility from its components.

5. Cost of Bidding

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

6. Clarification of Bidding Documents

6.1 A prospective Bidder requiring any clarification of the bidding documents may notify the Procuring Agency in writing at the Procuring Agency's address indicated in the Invitation for Bids. The Procuring Agency shall respond in writing to Written copies of the Procuring Agency's response (including an explanation of the query but without identifying the source of inquiry) shall be sent to all prospective Bidders that have received the bidding documents.

7. Amendment of Bidding Documents

7.1 At any time prior to the deadline for submission of bids, the Procuring Agency, for any reason, whether at its own initiative or in response to a clarification requested by a prospective Bidder, may modify the bidding documents by amendment.

7.2 All prospective Bidders that have received the bidding documents shall be notified of the amendment in writing, and shall be binding on them.

7.3 In order to allow prospective Bidders reasonable time in which to take the amendment into account in preparing their bids, the Procuring Agency, at its discretion, may extend the deadline for the submission of bids. Amendment notice to that effect shall be communicated in the same manner as the original invitation to bid.

8. Qualification and Disqualification of Bidders

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

The determination shall take into account the Bidder's financial, technical or production capabilities (in case of manufacturer), infrastructure of the firm, past performance in similar contracts, engineering staff and their capabilities, inventory of spare parts, repair and calibration tools, workshop facilities to provide the after sales services. It shall be based upon examination of the documentary evidence of the Bidder's qualifications submitted by the Bidder, pursuant to ITB

For
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Sheikh Zayed Medical College/Hospital, Rahim Yar Khan

DR. MUSHTAQ AHMED AZMI
PMO/Director Emergency
Sh. Zayed Medical College/Hospital
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Sheikh Zayed Medical College
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Clause 29.2, as well as such other information as the Procuring Agency deems necessary and appropriate.

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

8.4 The Procuring Agency, at any stage of the procurement proceedings, having credible reasons for or prima facie evidence of any defect in Supplier's capacities may require the Suppliers to provide information concerning their professional, technical, financial, legal or managerial competence.

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

8.6 Bidders that are found to consistently fail to provide satisfactory performances or are found to be indulging in corrupt or fraudulent practices shall be black listed.

9. Corrupt or Fraudulent Practices

9.1 The Procuring Agency requires that all Bidders/ Suppliers/ Contractors observe the highest standard of ethics during the procurement and execution of such Contracts. In pursuance of rule 2 (P) of PPRA 2014 and its subsequent amendments, if any, the Procuring Agency:

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

(i) **coercive practice** by impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence the actions of a party to achieve a wrongful gain or to cause a wrongful loss to another party

(ii) **collusive practice** by arrangement between two or more parties to the procurement process or contract execution, designed to achieve with or without the knowledge of the procuring agency to establish prices at artificial, noncompetitive levels for any wrongful gain;

(iii) **corrupt practice** by offering, giving, receiving or soliciting, directly or indirectly, of anything of value to influence the acts of another party for wrongful gain;

(iv) **fraudulent practice** by any act or omission, including a misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain a financial or other benefit or to avoid an obligation;

(v) **obstructive practice** by harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in a procurement process, or affect the execution of a contract or deliberately destroying, falsifying, altering or concealing of evidence material to the investigation or making false statements before investigators in order to materially impede an investigation into allegations of a corrupt, fraudulent, coercive or collusive practice; or threatening, harassing or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation, or acts intended to materially impede the exercise of inspection and audit rights.

b. shall reject a proposal for Award if it determines that the Bidder recommended for award has engaged in corrupt or fraudulent practices in competing for the Contract in question; shall declare a firm ineligible, either indefinitely or for a stated period of time, to be awarded a Contract if it at any time determines that the firm has engaged in corrupt or fraudulent practices in competing for, or in executing, a Contract.

Preparation of Bids

10. Language of Bid

10.1 The bid prepared by the Bidder, as well as all correspondence and documents relating to the bid exchanged by the Bidder and the Procuring Agency shall be written in English. Supporting documents and printed literature furnished by the Bidder may be in another language provided they are accompanied by an accurate translation of the relevant passages in English, in which case, for purposes of interpretation of the Bid, the translation shall govern.

11. Documents Comprising the Bid

11.1 The bid prepared by the Bidder shall comprise the following components:

(a) A Bid Form and Price Schedule completed in accordance with ITB Clauses 12 and 13 (to be submitted along with financial proposal);

(b) Documentary evidence established in accordance with ITB Clause 15 that the Bidder is eligible to bid and is qualified to perform the Contract if its bid is accepted;

(c) Documentary evidence established in accordance with ITB Clause 15 that the goods to be supplied by the Bidder are eligible goods and conform to the bidding documents.

12. Bid Form and Price Schedule

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

13. Bid Prices

13.1 The Bidder shall indicate on the Price Schedule the unit prices and total Package Price of the goods it proposes to supply under the Contract.

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

13.3 The Bidder should quote the prices of goods according to the technical specifications for each item of complete package/Tender. The specifications of goods, different from the demand of enquiry, for packaged items, shall straightway be rejected.

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

13.5 Prices offered should be for each item of complete package/Lot with accessories; detail of which is already mentioned in the technical specifications.

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

14. Bid Currencies

14.1 In case of DDP & CIF tender, the Prices shall be quoted in Pak Rupees or \$, £, € ¥ and CHF respectively depending upon the case

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

14.3 The price for complete package/Tender, standard accessories; detail of which is already mentioned in the technical specifications will be considered for determining the lowest bidder. Optional items will not be considered while determining the lowest bidder.

15. Documents Establishing Bidder's Eligibility and Qualification

15.1 The Bidder shall furnish, as part of its technical bid, documents establishing the Bidder's eligibility to bid and its qualifications to perform the Contract if its bid is accepted.

15.2 The documentary evidence of the Bidder's eligibility to bid shall establish to the Procuring Agency's satisfaction that the Bidder, at the time of submission of bid, is an eligible as defined under ITB Clause 3.

15.3 The documentary evidence to be submitted in the Technical Proposal for the purposes of qualification and technical evaluation shall include:

(a) The Supplier/ agent shall have to produce Exclusive letter of authorization / Sole Agency Certificate from Manufacturer and in case of Manufacturer, documentary proof to the effect that they are the original Manufacturer of the required goods shall be provided, or joint venture/ consortium/ alliance of the local Sole agents/manufacturers.

(b) National Tax Number (NTN) and General Sales Tax Number (if applicable) with documentary proof shall have to be provided by the bidder(s).

(c) The Bidder shall submit an affidavit on legal stamp paper of Rs. 100/- that their firm has not been blacklisted in the past on any ground by any Government (Federal, Provincial), a local body or a public sector organization. On account of submission of false statement, the Bidder shall be disqualified forthwith and subsequently black listed.

(d) The Bidder should have minimum 02-year experience which will be counted from the date of Authorized Letter of Principal/Local Manufacturer. The items quoted by the bidder/ Manufacturer should already have been used in different public/ private institutions/ hospitals, documentary proof is required to submit in this regard. Authorization is not required in case of manufacturer.

(e) The Bidder is required to provide with the technical proposal the name of item(s), tender number and serial number in the exact manner as quoted in the financial proposals.

(f) The Bidder (in case of manufacturer) shall provide a list of plant, major machinery and equipment installed in the factory. All necessary equipment must be calibrated and validation certificate to be included in the technical bid.

(g) The Bidder shall provide firms balance sheet, latest tax paid, audit inspection report (if undertaken) and at least one-year bank statement.

(h) The Bidder shall provide total list of products it supplies in the market. The Bidder shall also be responsible for providing up to date and authentic contact details of both private and public institutions to which it has supplied over the last two years. Bidder shall also provide supply order details over last one (02) year with complete and up to date details of its distribution sub-offices or/and representatives.

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

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

16.2 Submission of Original Purchase Receipt of tender.

16.3 Alternative bid is not allowed also a bidder cannot submit two bids. If the bidder quotes an alternative bid or submit two bids, then the bidder will be considered as non-responsive.

17. Bid Security

17.1 Bid Security is 3% of the item price (with standard accessories) in the shape of irrevocable Bank Guarantee or CDR from scheduled bank. Bid Security amounting to less than 3% shall not be acceptable

17.2 In the form of Demand Draft / Pay Order / Call Deposit Receipt / Bank Guarantee (issued by a scheduled bank operating in Pakistan, as per the format provided in the Tender Document) in the name of the Purchaser;

17.3 Have a minimum validity period of one hundred twenty (120) days from the last date for submission of the tender or until furnishing of the Performance Security, whichever is later.

17.4 The Bid Security shall be forfeited by the Purchaser, on the occurrence of any / all of the following conditions:

17.4.1 If the Tenderer withdraws the Tender during the period of the Tender validity specified in the Tenderer on the Tender Form; or

17.4.2 If the Tenderer does not accept the corrections of his Total Tender Price; or

17.4.3 If the Tenderer, having been notified of the acceptance of the Tender by the Purchaser during the period of the Tender validity, fails or refuses to furnish the Performance Security, in accordance with the Tender Document.

17.5 The Bid security shall be returned to the technically unsuccessful Tenderer with unopened/ sealed financial bid while the unsuccessful bidders of financial bid opening procedure will be returned the Bid security only. The Bid Security shall be returned to the successful Tenderer upon furnishing of the Performance Security.

17.6 The Bid Security shall be forfeited by the Purchaser, on the occurrence of any / all of the following conditions:

17.6.1 If the Tenderer withdraws the Tender during the period of the Tender validity specified in the Tenderer on the Tender Form; or

17.6.2 If the Tenderer does not accept the corrections of his Total Tender Price; or

17.6.3 If the Tenderer, having been notified of the acceptance of the Tender by the Purchaser during the period of the Tender validity, fails or refuses to furnish the Performance Security, in accordance with the Tender Document.

17.7 The Bid security shall be returned to the technically unsuccessful Tenderer with unopened/ sealed financial bid while the unsuccessful bidders of financial bid opening procedure will be returned the Bid security only. The Bid Security shall be returned to the successful Tenderer upon furnishing of the Performance Security.

17.8 The Bid Security shall be forfeited by the Purchaser, on the occurrence of any / all of the following conditions:

17.8.1 If the Tenderer withdraws the Tender during the period of the Tender validity specified in the Tenderer on the Tender Form; or

17.8.2 If the Tenderer does not accept the corrections of his Total Tender Price; or

17.8.3 If the Tenderer, having been notified of the acceptance of the Tender by the Purchaser during the period of the Tender validity, fails or refuses to furnish the Performance Security, in accordance with the Tender Document.

17.9 The Bid security shall be returned to the technically unsuccessful Tenderer with unopened/ sealed financial bid while the unsuccessful bidders of financial bid opening procedure will be returned the Bid security only. The Bid Security shall be returned to the successful Tenderer upon furnishing of the Performance Security.

17.10 The Bid Security shall be forfeited by the Purchaser, on the occurrence of any / all of the following conditions:

17.10.1 If the Tenderer withdraws the Tender during the period of the Tender validity specified in the Tenderer on the Tender Form; or

17.10.2 If the Tenderer does not accept the corrections of his Total Tender Price; or

17.10.3 If the Tenderer, having been notified of the acceptance of the Tender by the Purchaser during the period of the Tender validity, fails or refuses to furnish the Performance Security, in accordance with the Tender Document.

17.11 The Bid security shall be returned to the technically unsuccessful Tenderer with unopened/ sealed financial bid while the unsuccessful bidders of financial bid opening procedure will be returned the Bid security only. The Bid Security shall be returned to the successful Tenderer upon furnishing of the Performance Security.

17.12 The Bid Security shall be forfeited by the Purchaser, on the occurrence of any / all of the following conditions:

17.12.1 If the Tenderer withdraws the Tender during the period of the Tender validity specified in the Tenderer on the Tender Form; or

17.12.2 If the Tenderer does not accept the corrections of his Total Tender Price; or

17.12.3 If the Tenderer, having been notified of the acceptance of the Tender by the Purchaser during the period of the Tender validity, fails or refuses to furnish the Performance Security, in accordance with the Tender Document.

17.13 The Bid security shall be returned to the technically unsuccessful Tenderer with unopened/ sealed financial bid while the unsuccessful bidders of financial bid opening procedure will be returned the Bid security only. The Bid Security shall be returned to the successful Tenderer upon furnishing of the Performance Security.

17.14 The Bid Security shall be forfeited by the Purchaser, on the occurrence of any / all of the following conditions:

17.14.1 If the Tenderer withdraws the Tender during the period of the Tender validity specified in the Tenderer on the Tender Form; or

17.14.2 If the Tenderer does not accept the corrections of his Total Tender Price; or

17.14.3 If the Tenderer, having been notified of the acceptance of the Tender by the Purchaser during the period of the Tender validity, fails or refuses to furnish the Performance Security, in accordance with the Tender Document.

17.15 The Bid security shall be returned to the technically unsuccessful Tenderer with unopened/ sealed financial bid while the unsuccessful bidders of financial bid opening procedure will be returned the Bid security only. The Bid Security shall be returned to the successful Tenderer upon furnishing of the Performance Security.

17.16 The Bid Security shall be forfeited by the Purchaser, on the occurrence of any / all of the following conditions:

17.16.1 If the Tenderer withdraws the Tender during the period of the Tender validity specified in the Tenderer on the Tender Form; or

17.16.2 If the Tenderer does not accept the corrections of his Total Tender Price; or

17.16.3 If the Tenderer, having been notified of the acceptance of the Tender by the Purchaser during the period of the Tender validity, fails or refuses to furnish the Performance Security, in accordance with the Tender Document.

17.17 The Bid security shall be returned to the technically unsuccessful Tenderer with unopened/ sealed financial bid while the unsuccessful bidders of financial bid opening procedure will be returned the Bid security only. The Bid Security shall be returned to the successful Tenderer upon furnishing of the Performance Security.

17.18 The Bid Security shall be forfeited by the Purchaser, on the occurrence of any / all of the following conditions:

17.18.1 If the Tenderer withdraws the Tender during the period of the Tender validity specified in the Tenderer on the Tender Form; or

17.18.2 If the Tenderer does not accept the corrections of his Total Tender Price; or

17.18.3 If the Tenderer, having been notified of the acceptance of the Tender by the Purchaser during the period of the Tender validity, fails or refuses to furnish the Performance Security, in accordance with the Tender Document.

17.19 The Bid security shall be returned to the technically unsuccessful Tenderer with unopened/ sealed financial bid while the unsuccessful bidders of financial bid opening procedure will be returned the Bid security only. The Bid Security shall be returned to the successful Tenderer upon furnishing of the Performance Security.

17.20 The Bid Security shall be forfeited by the Purchaser, on the occurrence of any / all of the following conditions:

17.20.1 If the Tenderer withdraws the Tender during the period of the Tender validity specified in the Tenderer on the Tender Form; or

17.20.2 If the Tenderer does not accept the corrections of his Total Tender Price; or

17.20.3 If the Tenderer, having been notified of the acceptance of the Tender by the Purchaser during the period of the Tender validity, fails or refuses to furnish the Performance Security, in accordance with the Tender Document.

17.21 The Bid security shall be returned to the technically unsuccessful Tenderer with unopened/ sealed financial bid while the unsuccessful bidders of financial bid opening procedure will be returned the Bid security only. The Bid Security shall be returned to the successful Tenderer upon furnishing of the Performance Security.

17.22 The Bid Security shall be forfeited by the Purchaser, on the occurrence of any / all of the following conditions:

17.22.1 If the Tenderer withdraws the Tender during the period of the Tender validity specified in the Tenderer on the Tender Form; or

17.22.2 If the Tenderer does not accept the corrections of his Total Tender Price; or

17.22.3 If the Tenderer, having been notified of the acceptance of the Tender by the Purchaser during the period of the Tender validity, fails or refuses to furnish the Performance Security, in accordance with the Tender Document.

17.23 The Bid security shall be returned to the technically unsuccessful Tenderer with unopened/ sealed financial bid while the unsuccessful bidders of financial bid opening procedure will be returned the Bid security only. The Bid Security shall be returned to the successful Tenderer upon furnishing of the Performance Security.

17.24 The Bid Security shall be forfeited by the Purchaser, on the occurrence of any / all of the following conditions:

17.24.1 If the Tenderer withdraws the Tender during the period of the Tender validity specified in the Tenderer on the Tender Form; or

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17.52.3 If the Tenderer, having been notified of the acceptance of the Tender by the Purchaser during the period of the Tender validity, fails or refuses to furnish the Performance Security, in accordance with the Tender Document.

18. Bid Validity

18.1 Bids shall remain valid for a period of **120 days** after opening of Technical Bid prescribed by the Procuring Agency. A bid valid for a shorter period shall be rejected by the Procuring Agency as non-responsive.

18.2 The Procuring Agency shall ordinarily be under an obligation to process and evaluate the bid within the stipulated bid validity period. However, under exceptional circumstances and for 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. Such extension shall be for not more than the period equal to the period of the original bid validity. Such extension shall not be for more than the period equal to the period of the original bid validity.

18.3 Bidders who,

- (a) agree to the Procuring Agency's request for extension of bid validity period shall not be permitted to change the substance of their bids; and
- (b) do not agree to an extension of the bid validity period shall be allowed to withdraw their bids, if any.

Submission of Bids**19. Format and Signing of Bid**

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

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

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

20. Sealing and Marking of Bids

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

20.2 The inner and outer envelopes shall:

- a) be addressed to the Principal Sheikh Zayed Medical College/Hospital, Rahim Yar Khan (Procuring Agency) at the address given in the Invitation for Bids; and
- b) bear the Institution/Hospital name and number indicated in the Invitation for Bids, and shall be inscribed by the following sentence: **"DO NOT OPEN BEFORE,"** to be completed with the time and the date specified in the invitation for Bid.

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

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

21. Deadline for Submission of Bids

21.1 Bids must be submitted by the Bidder and received by the Procuring Agency at the address specified under ITB Clause 19.1 not later than the time and date specified in the Invitation for Bids.

21.2 The Procuring Agency may, at its discretion, extend this deadline for the submission of bids by amending the bidding documents in accordance with ITB Clause 7, in which case all rights and obligations of the Procuring Agency and Bidders previously subject to the deadline shall thereafter be subject to the deadline as extended.

22. Late Bid

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

23. Withdrawal of Bids

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

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

The Bidding Procedure**24. Single stage – two envelopes bidding procedure**

24.1 Single stage – two envelopes bidding procedure shall be applied:

Opening and Evaluation of Bids**25. Opening of Bids by the Procuring Agency**

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

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

discounts (if any), and the presence or absence of requisite bid Security and such other details as the Procuring Agency, at its discretion, may consider appropriate, shall be announced.

25.3 The Procuring Agency shall prepare minutes of both the technical proposal as well as the financial proposal bid opening.

26. Clarification of Bids

26.1 During evaluation of the bids, the Procuring Agency may, at its discretion, ask the Bidder for a clarification of its bid. The request for clarification and the response shall be in writing, and no change in the prices or substance of bid like indication or re-indication of make/model/brand etc. shall be sought, offered, or permitted.

27. Preliminary Examination

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

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

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

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

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

28. Evaluation and Comparison of Bids

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

28.2 The Procuring Agency's evaluation of technical proposal/ bid shall be on the basis of previous performances, test reports, inspection of plant/ factory/ premises, previous experience of similar contracts, availability of engineering staff and their capabilities, inventory of spare parts, workshop facility to provide the after sales services, financial soundness and such other details as already highlighted. However, the evaluation of financial proposal shall be on the basis of price inclusive of prevailing taxes and duties in pursuant to ITB Clause 13, 14.

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

28.4 In case of procurement on CIF/CIP/C&F basis; for the purpose of comparison of bids quoted in different currencies, the price shall be converted into Pak Rupees in pursuant to ITB Clause 13. The rate of exchange shall be the selling rate, prevailing on the date of opening of Financial Bids specified in the bidding documents, as notified by the State Bank of Pakistan.

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

29. Evaluation Criteria

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

29.2 Technical Evaluation Criteria (COMPULSORY PARAMETERS)

Failure to comply with any compulsory parameter will result in disqualification of bidder.)

PART-I. KNOCK DOWN CRITERIA (COMMERCIAL EVALUATION) (MEDICAL EQUIPMENT)

Sr. #	COMPULSORY PARAMETERS	M/S ABC	M/S XYZ
	Item name/Tender	Yes / No	Yes / No
	Original receipt for purchase of tender	Yes / No	Yes / No
	Copy of the Proprietor's CNIC is attached?	Yes / No	Yes / No
	Registration status issued by FBR (NTN/STRN) is active as per ATL on FBR?	Yes / No	Yes / No
	An affidavit (as per specimen Performa on stamp paper of Rs 100/-)	Yes / No	Yes / No

6.	Bid Security	Yes / No	Yes / No
7.	Bid Validity	Yes / No	Yes / No
8.	Delivery Period	Yes / No	Yes / No
9.	The tender documents are signed, stamped and proper page number marking.	Yes / No	Yes / No
10.	The bidder/bidders has been blacklisted by any public sector organization	Yes / No	Yes / No
11.	Past performance of the bidder. (Min 02 Years of Quoted Product) (Only Supply Orders and Installation/Commissioning certificate issued by Head of Institution shall be acceptable)	Satisfactory / Unsatisfactory	Satisfactory / Unsatisfactory
12.	Company registration certificate is attached? (SECP or PRA in case of local supplier)	Yes / No	Yes / No
Remarks		(Responsive/ Not-Responsive)	(Responsive/ Not-Responsive)

PART-II. KNOCK DOWN CRITERIA (MEDICAL EQUIPMENT)

13.	Valid Manufacturing License	Yes / No	Yes / No
14.	Exclusive/Sole authorization agreement from the Foreign Manufacturer	Yes / No	Yes / No
15.	Certificate from the manufacturer that the after sales services / backup services shall be provided jointly with the local sole agent and in case of change of local agent, they will provide the after sales services themselves or through newly appointed agent for the period mentioned from the date of commissioning.	Yes / No	Yes / No
16.	A Certificate from the manufacturer that the installation will be conducted in conformity with the system requirements by following the professional approach.	Yes / No	Yes / No
17.	Submission of valid legally enforceable exclusive authorization letter of manufacturer assuring full guarantee and warranty obligations as per enclosed manufacturer authorized form with the bid document.	Yes / No	Yes / No
18.	Valid Manufacturing License of quoted item, with certified documentary evidence of manufacturing site & location.	Yes / No	Yes / No
19.	Acceptance of terms and condition of tender documents duly signed and stamped	Yes / No	Yes / No
20.	The medical equipment offered from foreign countries of USA, Europe and Japan shall be eligible to participate and must bear FDA510k, CE(MDD) or MHLW (Ministry of Health, Labor and Welfare) standard.	Yes / No (Country Name & Certification)	Yes / No (Country Name & Certification)
21.	The firms shall also declare the make, model, country of origin and country of manufacturing of all standard accessories to be provided with the equipment.	Yes / No (Country Name & Certification)	Yes / No (Country Name & Certification)
22.	The quoted model of imported product shall be available on the current official website of the manufacturer; otherwise the quoted product shall be considered obsolete/ redundant and will straight away be rejected. (Web link and Screenshot must be attached)	Yes / No	Yes / No
Remarks		(Responsive/ Not-Responsive)	(Responsive/ Not-Responsive)

Note: - For evaluation of bids **KNOCKED DOWN CRITERIA** will be applied. The bids conforming to the specifications and pre-requisite conditions indicated in specifications and compulsory parameter shall be evaluated for below mentioned parameters to determine **Responsive and Non-Responsive Bids**.

PART-IV. EVALUATION CRITERIA (ORDINARY PARAMETERS FOR MEDICAL EQUIPMENT)

Sl. #	Parameters	Detail Marks	Max Marks
I.	Product Business Experience (Minimum two year experience required) Supply order with completion reports issued by the head of institution	i. 2 to 4 years	5
		ii. 5 to 7 years	8
		iii. Above 7 years	10
II.	Financial soundness (Bank statement is not required, attach bank certificates)	i. Audited Accounts 2 years	3
		ii. Tax Return (2 years)	4
		iii. Bank's Financial Standing Certificate (proportionate)	10
III.	Product Strength Product quality certification	i. FDA, CE MDD, MDR	10
		ii. Any two or more above	

		iii.	Pre-qualification with govt. semi govt. autonomous institutions	4	
IV.	Physical/cosmetic features of the Product	i.	90% of the specifications	5	10
		ii.	100% of the specifications	10	
V.	Firm Certifications	i.	Certifications (ISO: 9001:2008)	4	4
		ii.	3 to 5	4	
VI.	Technical or engineering capacity of company or firm (Bank Salary/ Account for authenticity. Evidence of same to be submitted along with the list of staff)	ii.	5 to 7	7	20
		iii.	More than 7	10	
			Additional		
			02 for each DAE		
VII.	Engineering / Training on Particular Product (by Manufacturer / Factory)		03 for each B.Sc Engineering		6
			05 for each M.Sc		
			07 for Ph.d		
		i.	1 to 2	2	
VIII.	General overall experience in reference to the Product Number of references provided Private sector + Public sector	ii.	2 to 4	4	8
		iii.	5 or more	6	
		i.	Public sector	4	
IX.	Overall reputation in reference to the Product (Affidavit on court stamp paper of minimum Rs. 100/- is required)	ii.	Private sector	4	10
		iii.	Both	8	
		i.	No complaint investigated & established for last 02 years	10	
X.	Local Manufacturer / Local Agent capacity for technical services Reference to the Product Repair	ii.	No complaint investigated and established in last 01 years	5	12
		i.	Spare Part and Backup for installed Base Inventory	7	
		ii.	Calibration tools (2) Testing Tools (2) workshop (1)	5	
GRAND TOTAL				100 (min 65 will succeed as Responsive Bid)	

The financial bids of only technically responsive bidders will be opened publicly. The financial bids of the firm whose bid was found technically non-responsive shall be returned un-opened to the respective bidders

DR. AMNA SAEED
Assistant Professor
Obs & Gynae Unit-I
SCMC Hospital R.Y.K

DR. MUHAMMAD AHMED AZMI
In-charge for Emergency
Sh. Zayed Medical College/Hospital
Rahim Yar Khan

Prof. Dr. Waqar Farhan
MBBS, FCPS (Pediatric Surgery)
Head of Pediatric Surgery Department
Sh. Zayed Medical College/Hospital
Rahim Yar Khan

[Handwritten signature]

Bidders/Suppliers do not accept the correction of the errors, its bid shall be rejected. If there is a discrepancy between words and figures, the amount in words shall prevail.

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

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

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28. Evaluation and Comparison of Bids

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

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

28.4 In case of procurement on CIF/CIP/C&F basis; for the purpose of comparison of bids quoted in different currencies, the price shall be converted into Pak Rupees in pursuant to ITB Clause 13. The rate of exchange shall be the selling rate, prevailing on the date of opening of Financial Bids specified in the bidding documents, as notified by the State Bank of Pakistan.

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

29. Evaluation Criteria

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

29.2 Technical Evaluation Criteria (COMPULSORY PARAMETERS)

(Failure to comply with any compulsory parameter will result in disqualification of bidder.)

PART-I. KNOCK DOWN CRITERIA (COMMERCIAL EVALUATION) (IT EQUIPMENT & MISC. MACHINERY)			
Sr. #	COMPULSORY PARAMETERS	M/S ABC	M/S XYZ
1.	Item name/Tender	Yes / No	Yes / No
2.	Original receipt for purchase of tender	Yes / No	Yes / No
3.	Copy of the Proprietor's CNIC is attached?	Yes / No	Yes / No
4.	Registration status issued by FBR (NTN/STRN) is active as per ATL on FBR?	Yes / No	Yes / No
5.	An affidavit (as per specimen Performa on stamp paper of Rs 100/-)	Yes / No	Yes / No
6.	Bid Security	Yes / No	Yes / No
7.	Bid Validity	Yes / No	Yes / No
8.	Delivery Period	Yes / No	Yes / No
9.	The tender documents are signed, stamped and proper page number marking.	Yes / No	Yes / No
10.	The bidder/bidders has been blacklisted by any public sector organization	Yes / No	Yes / No
11.	Past performance of the bidder being authorized dealer by Principal/Manufacturer (Min 02 Years of Quoted Product) (Only Supply Orders and Installation/Commissioning certificate issued by Head of Institution shall be acceptable)	Satisfactory / Unsatisfactory	Satisfactory / Unsatisfactory
	Company registration certificate is attached? Duly registered with PEC, SECP or PRA in case of local supplier.	Yes / No	Yes / No
	Remarks	(Responsive / Not Responsive)	(Responsive / Not Responsive)
PART-II. KNOCK DOWN CRITERIA (COMMERCIAL EVALUATION) (IT EQUIPMENT & MISC. MACHINERY)			
13.	Bid is submitted in the prescribed Annexure to this tender/bid document;	Yes / No	Yes / No
14.	The firms shall also declare the make, model, country of origin and country of manufacturing of all standard accessories to be provided with the equipment.	Yes / No	Yes / No

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Head of Mechanical Department
SZM, SZH, R.Y.Khan

Sh. Zayed Medical College/Hospital, Rahim Yar Khan

Sh. Zayed Medical College/Hospital, Rahim Yar Khan

15.	Incomplete, Ambiguous, Conditional, Alternative, Late;	Yes / No (State Reasons)	Yes / No (State Reasons)
16.	Non-submission of verifiable proofs against the mandatory as well as general documentary, qualification, and eligibility related requirements;	Yes / No	Yes / No
17.	Copies of earlier contracts/work orders.	Yes / No	Yes / No
18.	Fresh Bank transaction certificate is Attached?	Yes / No	Yes / No
19.	Technical specification according to the requirement is attached?	Yes / No	Yes / No
20.	Sample as mentioned against each item in Tender Scope/Specification must be submitted with the Technical Bid? (If applicable)	Yes / No	Yes / No
21.	The quoted model of imported product shall be available on the current official website of the manufacturer; otherwise the quoted product shall be considered obsolete/ redundant and will straight away be rejected. (Web link and Screenshot must be attached)	Yes / No	Yes / No
22.	Copies of earlier completed contracts performance and completion reports issued by the head of relevant institution	Satisfactory / Unsatisfactory	Satisfactory / Unsatisfactory
23.	The bid must comply with the required technical specifications of the quoted single item/ Each item of complete package. Incomplete offer will straightaway be rejected.	Technically Accepted or Not (Reason)	Technically Accepted or Not (Reason)
Remarks		(Responsive / Not Responsive)	(Responsive / Not Responsive)

Note: - For evaluation of bids **KNOCKED DOWN CRITERIA** will be applied. The bids conforming to the specifications and pre-requisite conditions indicated in specifications and compulsory parameter shall be evaluated for below mentioned parameters to determine **Responsive and Non-Responsive Bids**.

PART-IV. EVALUATION CRITERIA (ORDINARY PARAMETERS FOR IT EQUIP. & MISC. MACHINERY)

Sr. #	Parameters	Detail Marks	Max Marks
I.	Product Business Experience (Minimum two year experience required) Supply order with completion reports issued by the head of institution	i. 2 to 4 years	5
		ii. 5 to 7 years	8
		iii. Above 7 years	10
II.	Financial soundness (Bank statement is not required, attach bank certificates)	i. Audited Accounts 2 years	3
		ii. Tax Return (2 years)	4
		iii. Bank's Financial Standing Certificate (proportionate)	4
III.	The bank statement showing financial strength of the vendor more than Rs.3 Million is attached?	i. More than 2 million	6
		ii. More than 3 million	10
		iii. More than one million	4
IV.	Physical/cosmetic features of the Product	i. 90% of the specifications	5
		ii. 100% of the specifications	10
V.	Audit report conducted by any Chartered Accountant Firm is attached? The report should not be more than three years older on the closing date of this bid.	i. attached	4
VI.	Technical or engineering capacity of company or firm i.e., PEC or Microsoft, Cisco, Huawei, Microtic Certified in their respective field (Bank Salary/ Account for authenticity. Evidence of same to be submitted along with the list of staff)	i. 2 to 3	5
		ii. 4 to 5	10
		iii. More than 5	15
VII.	Company registration certificate is attached? (local supplier)	i. Registered with SECP	7
		ii. Registered with PRA	4
		iii. Registered with Both	11
VIII.	General overall experience in reference to the Product Number of references provided Private sector + Public sector	i. Public sector	4
		ii. Private sector	4
		iii. Both	4

ASSISTANT ENGINEER
SZMCS/SHR.YAR KHAN

Sheikh Zayed Medical College/Hospital, Rahim Yar Khan

Serial No. 1000
Sh. Zayed Medical College/Hospital
Rahim Yar Khan

Prof. Dr. M. A. Raza
MBBS, CPSP, Pediatric Surgery
Head of Pediatric Surgery Dept. (then)
Sh. Zayed Medical College/Hospital
Rahim Yar Khan
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Serial No. 1000
Sh. Zayed Medical College/Hospital
Rahim Yar Khan

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

29.2.2 Profile of the Bidder

Sr.#	Particulars	
1.	Name of the company	
2.	Registered Office	
	Address	
	Office Telephone Number	
	Fax Number	
3.	Contact Person	
	Name	
	Personal Telephone Number	
	Email Address	
4.	Local office if any	
	Address	
	Office Telephone Number	
	Fax Number	
5.	Bid Signing Authority	
	Name	
	Address	
	Personal Telephone Number	
	Email Address	
	Please enclose Authorization or Power of Attorney to sign and submit the Bidding	
6.	Address for communication under the current Bidding	
7.	Registration Details	
	NTN Registration Number	
	GST Registration Number	
	Banker's Name, Address and Account Numbers	

Bid Security

Sr.#	Particulars	Please furnish details
1.	Name of the Bank	
2.	CDR	
3.	Date	

29.2.3 Submission of original receipt of purchase of tender

29.3 Financial proposals would be evaluated as follows:

- i) After technical evaluation is completed, the Procuring Agency shall notify the date, time and location for opening of the financial proposals. Bidders' attendance at the opening of financial proposals is optional.
- ii) 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.
- iii) 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.
- iv) The bidders will quote the Price Schedules. The total price of the system will be calculated by converting the price to single currency (Pak Rs.) on the rate of date of opening of Financial Proposal; in case of import of item.
- v) The lowest responsible bidder will be declared with standard accessories. The price of optional items will not be considered while establishing the lowest bid.

30. Contacting the Procuring Agency

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

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

31. Rejection of Bids

31.1 The Procuring Agency may reject any or all bids at any time prior to the acceptance of a bid. The Procuring Agency

shall upon request communicate to any Bidder who submitted a bid, the grounds for its rejection of any or all bids, but is not required to justify those grounds.

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

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

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

32. Re-Bidding

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

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

33. Announcement of Evaluation Report

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

Award of Contract

34. Acceptance of Bid and Award criteria

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

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

35. Procuring Agency's right to vary quantities at time of Award

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

36. Limitations on Negotiations

36.1 Save as otherwise provided there shall be no negotiations with the bidder having submitted the lowest evaluated bid or with any other bidder: provided that the extent of the negotiation permissible shall be subject to the regulations issued by the PPRA 2014 and its subsequent amendments, if any.

37. Notification of Award

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

37.2 The notification of Award shall constitute the formation of the Contract.

38. Signing of Contract

38.1 At the same time as the Procuring Agency notifies the successful Bidder that its bid has been accepted, the Procuring Agency shall send the Bidder the Contract Form provided in the bidding documents, incorporating all agreements between the Parties.

38.2 Within ONE week of receipt of the Contract Form, both the successful Bidder and the Procuring Agency shall sign and date the Contract. The Procuring Agency shall issue Purchase Order on the same date of signing of Contract after ensuring the submission of Bank Security for execution of the contract by the Contractor. If the successful Bidder, after completion of all codal formalities shows inability to sign the Contract then their Bid Security/ Contract Security to the extent of proportionate percentage shall be forfeited and the firm shall be blacklisted minimum for three years for future participation. In such situation the Procuring Agency may make the Award to the next lowest evaluated Bidder or call for re-bidding.

The contract is to be made on 04 stamp paper worth of Rs. @ 25 paisa per every one hundred rupees of the total value of the contract, under section 22(A)(B) of schedule 1 of Stamp Duty Act 1899 read with Finance Act 1995 (Act-VI of 1995) Notification No. JAW/HD/8-21/77 (PG) dated 1st January, 2014. Or stamp duty should be collected from the bill of contractor.

39. Performance Guarantee

39.1 On the date of signing of the Contract, the successful Bidder shall furnish the Performance Guarantee/Security in accordance with the Special Conditions of Contract, in the Performance Guarantee/Security Form. The Performance Guarantee shall be 5% of the contract amount. The performance security shall be deposited in the shape of Deposit at Call only.

39.2 Failure of the successful Bidder to comply with the requirement of ITB Clause 37 or ITB Clause 38.1 shall constitute sufficient grounds for the annulment of the Award, in which event the Procuring Agency may make the Award to the next lowest evaluated Bidder or call for re-bidding.

40. Schedule of Requirement

40.1 The supplies shall be delivered/ shipped within 60 to 75 days (in case of Free Delivered Consignee's end/DDP) & 90 to 120 days (in case of Ex-Works).

105 (In case CIF / C&F / CIP) days w.e.f the next date after the date of issue of Purchase Order (without penalty)/ opening of LC, and with prescribed penalty, as per following schedule of requirement:

Mode of Penalty	Mode of Purchase	Delivery Period	Grace Period	Total Delivery Period
Without Penalty	Free delivery at consignee's end/DDP	60 days	15 days	75 days
Without Penalty	CIF/C&F/CIP	90 days	15 days	105 days
Note: Procuring agency may vary the delivery period according to the nature and volume of goods				

40.2 However, in special cases, delivery period can be fixed shorter or higher than the above mentioned schedule of requirement as deem appropriate by the Procuring Agency.

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

40.4 In case of DDP the delivery period will be started from the date of issuance of Purchase order to the Contractor and in the case of CIF it will be from the date of establishment of LC by the bank in favor of manufacturer/Beneficiary.

41. Redressal of grievances by the Procuring Agency

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

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

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

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

41.5 Any bidder not satisfied with the decision of the committee of the Procuring Agency may lodge an appeal in the relevant court of jurisdiction.

B. General Conditions of Contract (GCC)

1. Definitions

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

- a. "The Contract" means the agreement entered into between the Procuring Agency and the Supplier, as recorded in the Contract Form signed by the Parties, including all attachments and appendices thereto and all documents incorporated by reference therein.
- b. "The Contract Price" means the price payable to the Supplier under the Contract for the full and proper performance of its contractual obligations.
- c. "The Goods" means medical equipment and machinery and other items which the Supplier is required to supply to the Procuring Agency under the Contract.
- d. "The Services" means those services ancillary to the supply of above goods, such as printing of special instructions on the label and packing, design and logo of the Institute/ Hospital, Insurance, transportation of goods up to the desired destinations, commissioning, training and other such obligations of the supplier covered under the Contract.
- e. "GCC" mean the General Conditions of Contract contained in this section.
- f. "SCC" means the Special Conditions of Contract.
- g. "The Procuring Agency" means the Principal Sheikh Zayed Medical College/Hospital, R.Y. Khan.
- h. "The Procuring Agency's Country" is the country named in SCC
- i. "The Supplier" means the individual or firms or joint venture supplying the goods under this Contract.
- j. "Day" means calendar day.

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

2. Country of Origin

Country of manufacturer should be of USA, Europe and Japan; unless otherwise any other country of manufacturer is mentioned in specifications. However, country of origin of equipment could be from any geographical region of the world as per laws of Pakistan

3. Standards

4.1 The medical equipment of USA must comply with 510(K) FDA (Food & Drug Administration), in case of Europe MDD (Medical Device Directive) and for Japan MHLW (Ministry of Health, Labour & Welfare) or specific quoted model.

4. Use of Contract Documents and Information

5.1 The Supplier shall not, without the Procuring Agency's prior written consent, disclose the Contract, or any provision thereof, or any specification, plan, drawing, pattern, sample, or information furnished by or on behalf of the Procuring Agency in connection therewith, to any person other than a person employed by the Supplier in the performance of the

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

14.3 All Custom Duties, if any, Octroi, Clearing Charges, transportation etc. will be borne by the Contracting firm. However, Procuring Agency will provide all necessary documents for facilitation but no amount to be given in any case except the Contracted amount.

15. Warranty

15.1 A comprehensive warranty of three (03) years for complete system will be provided free of cost including parts, Labour, unless otherwise separately mentioned in the specifications. The procuring agency may increase or decrease the span of warranty period as per their institutional requirement. The supplier will categorically mention the disposable/consumable items of the equipment good in advance along with the submitted tender, any item declaration as consumable /disposable after the submission of bid/quotation will not submitted.

15.2 In case of high tech equipment, a comprehensive warranty of five (05) years (amounting to Rupees 10 Million or higher for single item) for complete system will be provided free of cost including parts, Labour, unless otherwise separately mentioned in the specifications.

16. Payment

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

16.2 In case of imported goods to be procured on CIF basis; the payment will be made 100% via establishing the LC in favor of manufacturer at sight and receiving the shipping documents/ Bill of lading, Insurance, Inspection certificate of the manufacturer, Country of origin, Post Installation Inspection report issued by the procuring agency, compliance of International standards of quality as per INCOTERMS of latest version Contract.

16.3 In case of DDP; the payment will be made 100% after presentation of the delivery. Installation, commissioning, completion, execution report of the contract and all other works described in Contract. Unless otherwise part payment, part delivery mentioned in the specifications.

17. Prices

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

18. Contract Amendments

18.1 No variation in or modification of the terms of the Contract shall be made except in case of written amendment signed by both parties

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

19. Assignment

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

20. Subcontracts

20.1 The Supplier shall not be allowed to sublet the job and award subcontracts under this Contract except the firms involved in the Joint Venture/ Consortium.

21. Delays in the Supplier's Performance

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

21.2 If at any time during performance of the Contract, the Supplier should encounter conditions impeding timely delivery of the goods, the Supplier shall promptly notify the Procuring Agency in writing of the fact of the delay, its likely duration and its cause(s). As soon as practicable after receipt of the Supplier's notice, the Procuring Agency shall evaluate the situation and may at its discretion extend the Supplier's time for performance, with or without liquidated damages, in which case the extension shall be ratified by the Parties by amendment of Contract.

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

22. Penalties/Liquidated Damages

22.1 In case of late delivery beyond the presented period, penalty as specified in SCC shall be imposed upon the Supplier/ Manufacturer. The above Late Delivery (LD) is subject to GCC Clause

22, including late delivery for reasons beyond control. Once the maximum is reached, the Procuring Agency may consider termination of the Contract pursuant to GCC Clause 23.

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

23. Termination for Default

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

- a. if the Supplier fails to deliver any or all installments of the goods within the period(s) specified in the Contract, or within any extension thereof granted by the Procuring Agency pursuant to GCC Clause 8.2; or
- b. if the Supplier fails to perform any other obligation(s) under the Contract.
- c. if the Supplier, in the judgment of the Procuring Agency has engaged in corrupt or fraudulent practices in competing for or in executing the Contract. For the purpose of this clause: "corrupt practice" means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in Contract execution.

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

24. Force Majeure

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

25. Termination for Insolvency

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

26. Arbitration and Resolution of Disputes

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

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

26.3 In case of any dispute concerning the interpretation and/or application of this Contract shall be settled through arbitration. The Board of Management, SZMC/SZH, RYK will be the arbitrator. The decisions of the Arbitrator shall be final and binding on the Parties.

27. Governing Language

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

28. Applicable Law

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

29. Notices

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

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

C. Special Conditions of Contract (SCC)

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

1. General:

1.1 The imported goods shall be of USA, European or Japanese Origin firms unless otherwise any other country of manufacturer is mentioned in specifications however their delivery/ provision may vary according to geographical location of their factories.

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

1.3 The Supplier shall be deemed to have obtained all the information regarding facilities and charges, in respect of port

clearance, loading and unloading, storage, transportation, congestion, Octri, licensing fee and confirmed the requirements thereof at his own responsibility and all such costs and charges are deemed to be included in the rates and prices mentioned in the Priced BOQ and the Procuring Agency will not pay any amount over this contracted amount whether in case of CIF or free delivery consignments.

1.4 For smooth functioning and management of medical and other equipment, it is mandatory for the bidders to provide sufficient technical training for high-tech equipment for the biomedical engineers and allied staff from factory trained experienced engineers

2. Insurance of Local Goods

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

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

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

3. Payment

3.1 In case of imported goods; the payment will be made 100% via establishing the LC in favor of manufacturer/beneficiary at sight and receiving shipping documents/ Bill of lading, Insurance, Inspection certificate of the manufacturer, Country of origin, compliance of International standards of quality as per INCOTERMS of latest version. The payment will be made in the following manner through a letter of credit to be opened by the Procuring Agency. The procuring agency may define its own financial values for the establishment of LC, in case of any special requirement.

3.2 The foreign currency rates for the opening of L/C must be considered on the date of opening of financial bid as per selling rate announced by the State Bank of Pakistan.

3.3 The Firm/Supplier shall be responsible for the payment of risk purchase. For both domestic and international orders, all risk of loss shall remain with Seller until goods and services have actually been received and accepted by Buyer.

3.4 The price difference shall be paid by the Supplier/Firm in case of devaluation of rupees at the time of opening of L/C or conversely the difference shall be paid/returned to the procuring agency.

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

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

3.5 In case of DDP; the payment will be made 100% after presentation of the delivery, Installation, commissioning, completion report of the equipment and all other works described in Contract. Unless otherwise part payment, part delivery mentioned in the specifications.

4. Execution of Warranty

4.1 A Log Book for the medical equipment which needs regular after sales services (To be specified by the procuring agency in bidding document) shall be maintained by the Supplier Service Engineer in consultation with the end user department. This will include the name of the equipment, down time, preventive maintenance schedule, replacement of parts, down time etc.

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

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

considered as acceptable level of performance.

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

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

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

4.7 Uptime shall be defined as the time available to the user for doing procedures/ data acquisition and processing during working hours throughout the year.

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

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

Sr. #	Uptime in Percentage	Penalty/Extension in Warranty Period
a.	100% - 95%	No Penalty
b.	95% - 90%	The warranty period will be extended by 2.0 times the number of days as extra down time.
c.	90% - 80%	The warranty period will be extended by 3.0 times the number of days as extra down time
d.	Below - 80%	The warranty period will be extended by 4.0 times the number of days as extra down time

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

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

4.12 Down time will start when the end user/ Staff In-charge notifies the designated service facility verbally or in writing to qualified technical staff of the firm stationed in the Hospital.

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

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

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

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

4.17 Remote service via modem shall be preferred if provided by the manufacturer to pick-up early faults at no cost to the hospital for the high-tech equipment.

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

5. Packing & Marking

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

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

6. Trans-shipment

1 Trans-shipment is not allowed (In case of no direct flight from the shipping country to the destination, this may be reviewed by the procuring agency on case to case basis).

7. Place of delivery

1 Principal, Sheikh Zayed Medical College/Hospital, Rahim Yar Khan

8. List of detailed specifications are attached

8.1 The item wise detail list of specifications is attached as the part of Special Terms & Conditions.

9. Correspondence addresses

Procuring Agency

(Prof. Dr. Muhammad Saleem)

Principal

Sheikh Zayed Medical College/Hospital
Rahim Yar Khan

Contracting Firm

M/S

Sheikh Zayed Medical College/Hospital, Rahim Yar Khan

Prof. Dr. Niaz Rafi Jan
MBBS, FRCGS, FRCR, FRCR (Surg)
Head of Paediatric Surgery
Sh. Zayed Medical College/Hospital
Rahim Yar Khan

Performance Guarantee Form

To: Principal, Sheikh Zayed Medical College/Hospital, Rahim Yar Khan

Whereas [Name of Supplier] (hereinafter called "the Supplier") has undertaken, in pursuance of Contract No. [number] dated [date] to supply [description of goods] (hereinafter called "the Contract").

And whereas it has been stipulated by you in the said Contract that the Supplier shall furnish you with a Bank Guarantee by a scheduled bank for the sum of 5% of the total Contract amount as a Security for compliance with the Supplier's performance obligations in accordance with the Contract.

And whereas we have agreed to give the Supplier a Guarantee:

Therefore, we hereby affirm that we are Guarantors and responsible to you, on behalf of the Supplier, up to a total of [Amount of the Guarantee in Words and Figures] and we undertake to pay you, upon your first written demand declaring the Supplier to be in default under the Contract and without cavil or argument, any sum or sums within the limits of [Amount of Guarantee] as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

This guarantee is valid until the _____ day of _____, 201__

Signature and Seal of the Guarantors/Bank

Address

Date

Note: 1. It should be valid for a period equal to the warranty period.

2. The contract will be signed/ issued after submission of this Performance Security.

3. The firm may submit the Performance Security for the Complete Package by the Lead Contractor or individually for the respective portions of the firms in case of alliance.

(Sample)

Manufacturer's Sole Authorization Form

[See Clause 3.1 (a) of the Instruction to Bidders]

To: Principal, Sheikh Zayed Medical College, Rahim Yar Khan

[name of Procuring Agency]

WHEREAS *[name of the Manufacturer]* who are established and reputable Manufacturers of *[name and/or description of the goods]* having factories at *[address of factory]* do hereby Exclusively authorize *[name and address of Supplier/ Agent]* to submit a bid, and subsequently negotiate and sign the Contract with you against IFB No. *[reference of the Invitation to Bid]* for the goods manufactured by us.

We hereby extend our full guarantee and warranty as per Clause 15 of the General Conditions of Contract for the goods offered for supply by the above firm against this Invitation for Bids. We further undertake that the *[name of supplier]* is a sole agent /Exclusively authorized dealer for the territory of Health Department, Government of Punjab, Pakistan.

[Signature for and on behalf of Manufacturer]

- Note:** 1. This letter of authority should be on the letter head of the Manufacturer and should be signed by a person competent and having the power of attorney to bind the manufacturer.
2. It should be included by the Bidder in its bid.
3. The standard authorization letter without the declaration of Sole Distribution / Exclusive authorization by the manufacturer will not be considered and rejected Straight way.
4. The non-exclusive authorization letter is acceptable only in the case of general Machinery, IT equipment and minor nature of medical equipment where extensive after sales services is not required. In this particular case, the procuring agency need to Specify the requirement in the advertised specifications / tender.

Contract Form

(On stamp paper worth Rs. @ 25 paisa per every one hundred rupees of the total value of the contract or the stamp duty shall be deducted from the price of contract)

AGREEMENT

THIS CONTRACT is made at _____ on _____ day of _____ 201____, between the (Insert the name of Procuring Agency), (hereinafter referred to as the "Purchaser") of the First Part; and M/s (firm name) a firm registered under the laws of Pakistan and having its registered office at (address of the firm) (hereinafter called the "Supplier") of the Second Part (hereinafter referred to individually as "Party" and collectively as the "Parties").

WHEREAS the Purchaser invited bids for procurement of goods, in pursuance whereof M/s (firm name) being the Manufacturer/ authorized sole agent /Supplier of (item name) in Pakistan and ancillary services offered to supply the required item (s); and

Whereas, the Purchaser has accepted the bid by the Supplier as per following detail;

Tender Enquiry/ Item No.	Item Name	Approved Specifications	Unit Price in PKR (As per contract)	Quantity	Total Cost (PKR)

NOW THE PARTIES TO THIS CONTRACT AGREE TO THE FOLLOWING;

1. **The Contract:** The following documents shall be deemed to form and be read and construed as integral part of this Contract, viz:-

- | | | |
|----|---|----------|
| a. | This Contract Form | |
| b. | The Schedule of Requirements | Annex- A |
| c. | Special Conditions of Contract/Bidding Documents & the Technical Specifications | Annex- B |
| d. | Original Price Schedule along with unsolicited discount offered by the firm (if any) submitted by the Bidder. | Annex- C |
| e. | The Purchaser's Notification of Award (AAT) | Annex- D |
| f. | Purchase Order | Annex-E |
| g. | Payment Schedule | Annex-F |
| h. | The General Conditions of Contract/Bidding documents | Annex-G |
| i. | Performance Guarantee/Security | Annex-H |
| j. | Manufacturer's certificate of warranty | Annex-I |
| k. | The bidding document of Procuring agency | Annex-J |

2. **Interpretation:** In this Contract words and expressions shall have the same meanings as are respectively assigned to them in the General Conditions of this Contract hereinafter referred to as "Contract".

3. **The Term of the Contract:** This contract shall remain valid for Period specified.

4. The Supplier declares as under:

i. [Name of the Supplier] hereby declares that it has not obtained or induced the procurement of any Contract, right, interest, privilege or other obligation or benefit from Government of Punjab or any administrative subdivision or agency thereof or any other entity owned or controlled by it (Government of Punjab) through any corrupt business practice.

ii. Without limiting the generality of the foregoing, [the Supplier] represents and warrants that it has fully declared the brokerage, commission, fees etc, paid or payable to anyone and not given or agreed to give and shall not give or agree to give to anyone within or outside Pakistan either directly or indirectly through any natural or juridical person, including its affiliate, agent, associate, broker, consultant, director, promoter, shareholder, sponsor or subsidiary, any commission, gratification, bribe, finder's fee or kickback, whether described as consultation fee or otherwise, with the object of obtaining or including the procurement of a Contract, right interest, privilege or other obligation or benefit in whatsoever form from Government of Punjab, except that which has been expressly declared pursuant hereto.

iii. [The Supplier] certifies that has made and shall make full disclosure of all agreements and arrangements with all persons in respect of or related to the transaction with Government of Punjab and has not taken any action or shall not take any action to circumvent the above declaration, representation or warranty.

iv. [The Supplier] accepts full responsibility and strict liability for making any false declaration, not making full disclosure, misrepresenting facts or taking any action likely to defeat the purpose of this declaration, representation and warranty. It agrees that any Contract, right, interest, privilege or other obligation or benefit obtained or procured as aforesaid shall, without prejudice to any other right and remedies available to Procuring Agency under any law, Contract or other instrument, be voidable at the option of Procuring Agency.

v. Notwithstanding any rights and remedies exercised by Procuring Agency in this regard, [The Supplier] agrees to indemnify Procuring Agency for any loss or damage incurred by it on account of its corrupt business practices and further pay compensation to Procuring Agency in an amount equivalent to ten times the sum of any commission, gratification, bribe, finder's fee or kickback given by [The Supplier] as aforesaid for the purpose of obtaining or inducing the procurement of any Contract, right, interest, privilege or other obligation or benefit in whatsoever form from Procuring Agency.

vi. In case of any dispute concerning the interpretation and/or application of this Contract shall be settled through arbitration. The _____ (Name of Authority to be inserted here) or his nominee shall act as sole arbitrator.

The decisions taken and/or award made by the sole arbitrator shall be final and binding on the Parties.

5. Items to be Supplied & Agreed Unit Cost:

(i) The Supplier shall provide to the Purchaser the items on the agreed cost more specifically described in the Price Schedule Submitted by the Bidder (Annex C). (ii) Each Item supplied shall strictly conform to the Schedule of Requirements (Annex A) and to the Technical Specification (Annex B) prescribed by the Purchaser against each item (iii) The Unit Cost agreed in the Price Schedule (Annex C), is inclusive of all taxation and costs associated with transportation and other agreed incidental costs.

6. Payments: The Purchaser hereby covenants to pay the Supplier in consideration of the provision of the Goods and Services, as specified in the Schedule of Requirements and Technical Specification in accordance with the Price Schedule submitted by the Supplier, the amount against the delivered items or such other sum as may become payable under the provisions of this Contract at the time and in the manner prescribed by this Contract.

7. Mode of Payment: All payments to the Supplier shall be made through Crossed Cheques issued in the name of [supplier's name]

8. Payment Schedule: All payments to the Supplier shall be made in accordance with the agreed Payment Schedule, upon satisfactory completion of delivery and fulfillment of documentary and codal formalities highlighted in the Payment Schedule.

9. Performance Guarantee/Security:

(i) The Supplier, within 07 days of signing of this contract, shall provide to the Purchaser a Performance Security in the form of a Call at Deposit (CDR) or Irrevocable Bank Guarantee equivalent to 5% of the total Contract amount having validity for the warranty period from its date of issuance from any scheduled bank

on the prescribed format and in prescribed manner. This Performance Guarantee/Security shall be released to the Supplier upon successful completion of the Contract.

(ii) Supplier's Bid Security already submitted with the Bid shall only be released upon satisfactory submission of a Performance Guarantee/Security in accordance with sub clause (i) above.

(iii) Failure to submit a Performance Guarantee/Security shall result into forfeiture of Bid Security and Cancellation of Contract. Failure to furnish the required Performance Guarantee/Security shall constitute a breach of the contract and the procuring agency shall be entitled to make other arrangement at risk and expenses of firm without any notice.

10. Penalties/ Liquidated Damages

(i) Wherein the Supplier fails to make deliveries as per signed contract & purchase order and within the stipulated time frame specified in the Schedule of Requirement, the Contract to the extent of non-delivered portion of supplies shall stand cancelled. (ii) After the cancellation of the Contract no supplies shall be accepted and the amount of Performance Guaranty/Security to the extent of non-delivered portion of supplies shall be forfeited.

(iii) If the Supplier fails to supply the whole consignment and not able to deliver to consignee's end, the entire amount of Performance Guaranty/Security shall be forfeited to the Government account and the firm shall be blacklisted minimum for two years for future participation.

(iv) The exact time frame for making supplies with and without penalty shall be indicated in subsequent purchase order.

(v) In case of late delivery of goods beyond the periods specified in the Schedule of Requirements and subsequent purchase order, a penalty @ 0.067% per day of the cost of late delivered supply shall be imposed upon the Supplier.

11. Notices: All notices and correspondences incidental to this contract shall be in English language and shall be addressed to:

For the Purchaser:

(Name of procuring agency)

For the Supplier:

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

Signed/ Sealed: For The Manufacturer/ Sealed & Signed on behalf of Procuring
Authorized Supplier/ Authorized Agent. Agency

Name Of Contractor

Designation in the Firm (Procuring Agency)

Witnesses-1 on behalf of the Contractor Witnesses-1 on behalf of the Procuring
Agency

Name of Witness

Designation in the Firm

Witnesses-2 on behalf of the Contractor Witnesses-2 on behalf of the Procuring Agency

Name of Witness

Designation in the Firm

C.C.

1. _____ 2. _____ 3. _____

Note: 1. In case of alliance; all the firms have to sign this document jointly along with Procuring Agency, as all firms will bear equal responsibility in execution of the contract.

Bid Form

Date:

Tender No:

Name of the Item:

To: Principal, Sheikh Zayed Medical College/Hospital, Rahim Yar Khan

Respected Sir

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

We undertake, if our bid is accepted, to deliver the goods in accordance with the delivery schedule specified in the Schedule of Requirements.

If our bid is accepted, we shall obtain an unconditional guarantee of a bank in the sum of ____ percent of the Contract Price for the due performance of the Contract, in the form prescribed by the Procuring Agency.

We agree to abide by this bid for a period of [number] days from the date fixed for bid opening under ITB Clause 18 of the Instructions to Bidders, and it shall remain binding upon us and may be accepted at any time before the expiration of that period. Until a formal Contract is prepared and executed, this bid, together with your written acceptance thereof and your notification of award, shall constitute a binding Contract between us.

We understand that you are not bound to accept the lowest or any bid you may receive. Commissions or gratuities, if any, paid or to be paid by us to agents relating to this Bid, and to contract execution if we are awarded the contract, are listed below:

Name and address of bidder
(if none, state "none")."

Amount and Currency

Dated this day of _____, 20__

Signature
(in the capacity of)

Duly authorized to sign bid for and on behalf of

Attachment

Price Schedule

(CIF Tender)

Name of Bidder _____

Tender No. and the name of the package/Tender -----

Item. No.	Name of Item (As listed in invitation of bid)	Make	Model	Country of Origin	Country of Manufacturer	Supplier	Name of Port of dispatch	Qty	Unit CIF Price e/£/\$/¥/CHF)	Total Price for each item e/£/\$/¥/CHF)	Name of beneficiary bank
Total Package Cost after conversion (Rs.)											

Sign and Stamp of Bidder _____

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

Price Schedule

(DDP Tender)

Name of Bidder _____

Tender No. and the name of the package/Tender -----

Item. No.	Name of Item (As listed in invitation of bid)	Make	Model	Country of Origin	Country of Manufacturer	Supplier	Qty	Unit Price(Rs)	Total Price for each item(Rs)

Total Package Cost (Rs.)

Sign and Stamp of Bidder _____

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

(TEMPLATE)

AFFIDAVIT

I/We the undersigned solemnly state that

1. I/We have read the contents of bidding documents and have fully understood it.
2. The bid being submitted by the under signed complies with the requirements enunciated in the bidding documents.
3. The goods that we proposed to supply under this tender/contract are eligible goods within the meaning of Clause 04 of ITB
4. The undersigned are also eligible bidders within the meaning of clause 03 of ITB
5. The undersigned are solvent and competent to undertake the subject contract under the laws of Pakistan
6. The undersigned have not paid nor have agreed to pay any commission/kickbacks or gratuities to any official or agent related to this bid or award or contract
7. The undersigned are not blacklisted or facing debarment from any government/ semi-government/ autonomous institute, or its organization or projects
8. That the prices offered are not more than the trade price/market price or the offered prices in other public sector institution during current financial year

I/we affirm that the contents of this affidavit are correct to the best of our knowledge and belief

Sign & Stamp

In the capacity of (insert: title or position)

Duly authorized to sign this bid on behalf of (insert: name of Bidder)

Sheikh Zayed Medical College/Hospital, Rahim Yar Khan

Cost of IT Equipment required for Sheikh Zayed Medical College

Sr.#	Description	Qty	Unit Price	Total Price
1	Computers with LCD & licensed operating system	25	158,000	3,950,000
2	Computer/Work Station with LCD & licensed operating system	1	230,500	230,500
3	UPS for Computers	10	25,000	250,000
4	Black & White Laser Printer	2	72,000	144,000
5	HDD Surveillance Series for NVR (Capacity: 4 TB, to increase storage capacity of NVRs)	3	29,500	88,500
6	Digital Camera (Mirror Less) for College Photographer	1	500,000	500,000
7	Renovation of Server Room in New College Block	1	200,000	200,000
8	Biometric Attendance Machines and Setup with Customized Software	4	110,000	440,000
9	Wifi Solution including Wireless Access Points with Controller, Firewall, Manageable Network Switches, Wiring and allied equipment etc. for Establishment of Wifi Network in College Block with Internet Facility & access to Digital Library of UHS	1	2,852,000	2,852,000
10	Video Conferencing System with 55" Smart LED, Trolley and installation	1	1,068,000	1,068,000
11	Dedicated CIR Connections for Internet	2	-	250,000
12	Audio Conferencing System (Chairman Mic 1, Delegate Mic 20, Wireless Hand Mic 2, Central Control Unit 1, Speakers 4, Cabling & Installation etc.)	1	425,000	425,000
13	UPS (3 KVA)	6	175,000	1,050,000
14	UPS Synchronizing Card alongwith installation and configuration in Server Room	2	-	220,000
	Grand Total			11,668,000
	Rs. in Million			11.668

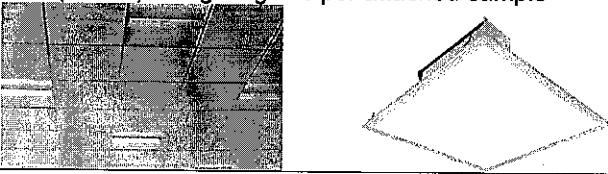
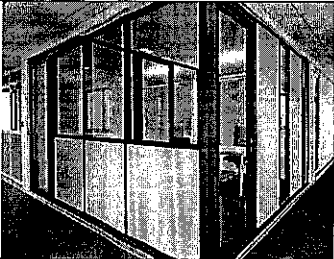
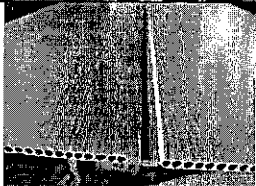
Note:

The quantity of above mentioned items can be increased or decreased subject to availability/release of funds.

Sheikh Zayed Medical College/Hospital, Rahim Yar Khan
Specifications of IT Equipments for Tender 2022-23 of the ADP Scheme
"Provision of Missing facilities and Up-gradation of Electricity System at Sheikh Zayed
Medical College/ Hospital, Rahim Yar Khan"

Sr.#	Name of Items	Qty
01	Computer Processor: Minimum 12 th Generation Intel® Core™ i3 (4 Core) RAM: 8 GB, 1 x 8 GB, DDR4, Hard Disk Drive: 1 TB, 7200 RPM, SATA, HDD Optical Drive: Super Drive/DVD-RW, Wireless: 802.11bgn Video Graphic Adapter: Integrated Intel HD Graphics (Built on Board) Keyboard & Mouse: USB Standard Keyboard & USB Laser Mouse (Same Brand) Casing: Tower Chassis with Standard Power Supply Ports & Connectors: Headphone Connector/Universal Audio jack, DP/HDMI/VGA, RJ45, USB 2.0/3.0 Connectors, LED Screen: Wide Screen LED Monitor 18.5" or Higher, Warranty: 3 Years complete warranty on site, Brand: Dell, HP Operating System: Registered/Licensed Windows 10 Professional (OLP License or OEM DVD with scratch able Product Key verifiable)	25
02	Work Station Processor: Minimum 12 th Generation Intel® Core™ i7 (12 cores) RAM: 16 GB, 2 x 8 GB, DDR4, Hard Disk Drive: 4 TB (7200RPM) or Higher Optical Drive: Super Drive/DVD-RW, Video Graphic Adapter: Intel® built-in Keyboard & Mouse: USB Standard Keyboard & USB Laser Mouse (Same Brand) Casing: Tower Chassis with Standard Power Supply Ports & Connectors: Headphone Connector/Universal Audio jack, HDMI/DP/VGA, RJ45, USB 2.0/3.0 Connectors, LED Screen: Wide Screen LED Monitor 21" with HDMI port or Higher, Warranty: 3 Years complete warranty on site, Brand: Dell, HP Operating System: Registered/Licensed Windows 10 Professional (OLP License or OEM DVD with scratch able Product Key verifiable)	1
03	UPS for Computer Output power capacity: minimum 375Watts/650VA, Nominal Output Voltage: 230V Topology: Line Interactive, Waveform type: Stepped approximation to a sine wave Input Voltage : 230V, Input Voltage Range: 170V-280V Battery type: Maintenance-free sealed Lead-Acid battery Expected Battery Battery Life (years): 3-4 years, Intelligent off Mode Charging: Yes Backup time: Standard (10-15 Minutes Backup), Control panel: LED with Status display, Audible Alarm: Yes, Fuse Protection: Yes, All power cables included Warranty: 2 Years complete warranty on site, Brand: APC, Emerson or Equivalent	10
04	Black & White Laser Printer Print speed black (ISO, A4): 38 ppm or higher Duty cycle (monthly, A4): 50,000 pages, Number of Users: 3-10 Users Print Technology: Laser, Paper Size: Letter/A4/Legal Print quality black (best) Fine Lines: 1200 x 1200 dpi Processor speed 1200 MHz (Single core frequency) or higher Connectivity (Standard): 1 Hi-Speed USB 2.0, Gigabit Ethernet 10/100/1000BASE-T network, Memory 256 MB, Paper handling input (Standard): 100-sheet multipurpose Tray 1, 250-sheet input Tray 2, Automatic duplex printing Paper handling output (standard): 150-sheet output bin Warranty: 3 Years complete warranty on site, Brand: HP or Equivalent	2
05	Hard Disk Drive Surveillance Series for NVR, Capacity: 4 TB, Warranty: Standard	3
06	Digital Camera (Mirror Less) Full Frame Mirrorless Camera with 24-70mm f/2.8 Lens, Koah Shotgun Video Microphone Professional On Camera Mic, SanDisk Ultra 128GB SD Card, Koah Sony NP-FZ100 Two-Pack Rechargeable 2000mAh Battery, Dual Charger and Shoulder Gadget Bag. Compact, solid and feature-packed Flashgun for camera. FEATURES: With the newly developed 24.2MP back-illuminated 35mm full-frame Exmor R CMOS image sensor, paired with a front-end LSI and backed by BIONZ X processing engine. It refines extraordinary image capture control and quality. It's also paired with the FE 24-70mm f/2.8 Lens. 4K FULL FRAME HDR: High-resolution full-frame 4K movies with full-pixel readout without pixel binning that condenses approximately 2.4 times the amount of data required for 4K movies results in minimal moiré and jaggies HYBRID AUTO FOCUS: The camera features a world class autofocus system consisting	1

2022-23

	of 693 focal-plane phase-detection AF points that cover approximately 93% of the image area, 425 contrast AF points and reliable Eye-AF. When combined, both contrast and phase detection AF points form the 4D FOCUS hybrid AF system for wide, fast, reliable AF that locks on and stays locked on. Warranty: 01 Year standard warranty, Brand: Sony or Equivalent	
07	Renovation of Server Room Comprising of following items 7(a) to 7(c)	1 Job
7(a)	False Ceiling Providing and fixing false ceiling consist of 9mm thick 24"x24" laminated gypsum sheet over aluminum tee frame of size 1"x1" at 2'c/c horizontally & vertically and aluminum angle of same section at corners, hanging with ceiling with steel wire l/c rowel plug etc complete in all respect. The false ceiling should be inclusive of white LED lights 2x2 36W (4 Nos.) for lightings as per attached sample 	280 sft
7(b)	Aluminum Frame (3mm thick, 1.5"x3"), Glass (8mm) and Fabrication Partition 14 X 10 feet with door having lower portion made of fabricated sheet up to 3 feet height, as per sample 	140 sft
7(c)	PVC Wall Paneling of Room Size 20X14 up to 10 feet height Super Heavy top Quality Circle Hole Mould Edge U Groove Lamination PVC Wall Panel 	680 sft
08	Biometric Attendance Machines and Setup with Customized Software (On Turn Key Basis) Comprising of following items 8(a) to 8(e)	1 Job
8(a)	Biometric Attendance Machine Face Recognition & Fingerprint Time Attendance & Access Control Machine Minimum 500 Faces and 500 Fingerprint on each machine, Min 200,000 Transaction, Record Capacity: 200,000, Processor: 1 GHZ Lighting: 20,000 Lux, Verification: Face and Finger Communication: TCP/IP, USB, TFT Screen (Don't be touch screen) with keypad, function and navigation keys, Rechargeable battery with operation backup time of 2-4 Hrs, Features Required: - The device should have the capability to ping alerts in case of error. - Device store information internally and can communicate in client/server environment. - Auto failover to/from primary/secondary communication medium in case of failure. - Complete privacy and protection of information. - Multiuser access of attendance system software. - Various alarms security level.	4
8(b)	Rack for Mounts of Biometric Machine Design for Indoor placement with requisite caging for physical security Machine installed at site shall be wall mounted.	4
8(c)	Time Attendance Software Time standard software with machines. Customized attendance application / software will also be provided by the supplier as per user requirement.	4
8(d)	Installation Installation, wiring, fixing, commissioning, testing, power supply, cables, integration, report fetching complete in all aspects as per FIEDMC requirement.	Whole system
8(e)	Warranty 3 Years complete warranty with parts and services on site.	Whole system
09	Wifi Solution (on Turn Key Basis) (detail specs comprising of following items 9(a) to 9(k))	1 job
9(a)	Wireless Access Point	80

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	<p>Specification: Enterprise Class Dual Radio Access Point IEEE 802.11a/b/g/n/ac wave2/ax (wifi6) Throughput: Support minimum data rates of 2.4 Gbps in the 5GHz band and 570 Mbps in the 2.4GHz band (Aggregate peak data rate: 2.9 Gbps) Interfaces: Minimum 1 x Network interface: GE Base-T Power: Compatible with 802.3af/802.3at power supply MIMO: 2 x 2 MIMO with up to 2 Spatial Streams in 5GHz band and 2 x 2 MIMO with up to 2 Spatial Streams in 2.4GHz band Features:</p> <ul style="list-style-type: none"> • Support 256 associated client devices • Support WEP-64/128, dynamic WEP, WPA, WPA2, TKIP, CCMP encryption • Support IPv4 / IPv6 dual native protocol stack, support IPv6 Portal, IPv6 SAVI • Support different SSID/VLAN mapping different QoS policies • Support user amount and traffic load balance • Supports user isolation between Layer 2 forwarding suppression and virtual AP (multiple SSID) • Support Remote probe analysis • Must Support Operating Tem: -10 °C ~ 50 °C <p>Network O&M</p> <ul style="list-style-type: none"> • Support WEB, SNMP v1/v2/v3, RMON management & configuration 	
9(b)	<p>Wireless Controller Specification:</p> <ul style="list-style-type: none"> • Capable to manage 256 or More Wireless LAN access points. (License should be added to manage x84 Access Points for Current Requirement) <p>Forwarding Performance: 2 Gbps or Higher Interfaces: 6 * GE LAN ports + 2 * SFP WAN ports (Installed With 2 x MultiMode SFPs) Features</p> <ul style="list-style-type: none"> • The hot standby or backup AC does not require additional AP license • Support central & local forwarding mode • Support 802.11k/v/r fast roaming protocols, support L2/L3 roaming • Support static and dynamic channel, power setting, dynamic rate adjustment, air interface black hole detection and compensation, intelligent load balancing <p>Network O&M: Support WEB, SNMP v1/v2/v3, RMON management & configuration</p>	1
9(c)	<p>Unified Threat Management (UTM) Firewall</p> <ul style="list-style-type: none"> • The proposed firewall must have at least below: <ul style="list-style-type: none"> 1 x Console port 1 x Management port 6 x Gigabit Ethernet fiber ports (Installed With 2 x MultiMode SFPs) 8 x Gigabit Ethernet copper ports 2x 10-Gigabit Ethernet fiber ports • Flash 2GB & SDRAM 4GB Or Higher • The firewall throughput should be at least 4 Gbps or higher • The NGFW+IPS+AV should be at least 2 Gbps or Higher • The maximum number of concurrent sessions should be at least 4 Million or Higher • The number of new connections per second should be at least 70K or Higher • Virtual firewall feature must also be supported • The proposed solution must include 1 x 240 GB for storage • Should support Email filtering based on subject, content, attachment URL/content filtering • Should support uses link state inspection and link busy detection technologies which applies to a network egress to balance traffic among multiple ISP links. • Should support Active/active and active/standby stateful failover, IKE state synchronization in IPsec VPN, VRRP • Should support configuration management at the CLI, Remote management through Web, Device management through NMS, SNMP, Intelligent security policy • Should include 3-Year UTM Bundle license including IPS, AV, URL signatures and Application Signatures update service must be part of the proposal • Firewall Must Support Application Load Balancing 	1
9(d)	<p>Core Switch Interfaces: 24 x 10/100/1000BASE-T ports, 4 x 10 GE SFP+ ports, Console Port: RJ-45 and Management Port: 10/100/1000BASE-T RJ-45 Ethernet port Switching Capacity 120 Gbps or higher Forwarding throughput 90 Mpps or higher Support more than 32K MAC address tables, Mac-based, Port-based, protocol-based,</p>	2

7m 3f

	<p>and IP subnet-based VLAN assignment</p> <p>Support up to 4K active VLAN</p> <p>Support Guest VLAN or equivalent</p> <p>Static Routing, RIP/RIPng, OSPF PIM-SM/PIM-SSM/PIM-DM DHCP, IGMP Snooping, SSH, SSL, Port Security</p> <p>Traffic mirroring, flow mirroring, Rate limit for receiving and transmitting packets</p> <p>Web GUI for configuration CE/FCC compliant</p> <p>Redundant Power Supply</p>	
9(e)	<p>Managed Switch POE</p> <p>Interfaces: 24*10/100/1000 Base-T port + 2*SFP+ port</p> <p>Switching capacity: 120 Gbps or higher</p> <p>Forwarding throughput 90 Mpps or higher</p> <p>Power Budget should be 380 watts</p> <p>Support port scheduled down and port sleep, closes the ports without application.</p> <p>Support more than 16K MAC address tables, Mac-based, Port-based, protocol-based, and IP subnet-based VLAN assignment</p> <p>Support up to 4K active VLAN</p>	10
9(f)	<p>Patch Panel</p> <p>24 Port cat 6 Patch Panel fully loaded with Cable Manager</p>	10
9(g)	<p>Patch Cord</p> <p>0.5 Meter Patch Cord Cat6</p>	200
9(h)	<p>Connector RJ 45</p> <p>Triple prong gold plated contacts, Supports PoE++ (802.3bt) 4PPoE, up to 90W</p>	200
9(i)	<p>UTP Cable</p> <p>4 pair UTP 23AWG or better cable, fluke test passed & compliant to industry standard. Compatible with PoE (Power over Ethernet) and PoE+ (Power over Ethernet Plus) (High Quality alphanumeric plastic cable tags, yellow colored, full grip) UL Listed or GHMT.</p>	10 roll
9(j)	<p>Installation</p> <p>Whole Wifi Solution installation (items 9(a) to 9(i)), cabinet dressing, troubleshooting, UTP cable laying including power wiring alongwith power cable and ducts/pvc pipe as per site requirement, commissioning, testing and staff training. The bidder may visit site for installation of Wifi Solution during office hours.</p> <p>Note: Quoted WLAN Solution and Switching Products Must be of the same OEM Brand Brand: Cisco, Huawei or equivalent.</p>	1 Job
9(k)	<p>Warranty</p> <p>3 Years complete warranty with parts and services on site (With OEM Local Registered Office and Local Warehouse presence in Pakistan preferably Islamabad, Lahore & Karachi and Also local OEM Support Team).</p>	Whole system
10	<p>Video Conferencing System with Trolley, 55" Smart LED and installation (on Turn Key Basis) Comprising of following items 10(a) to 10(e)</p>	1 Job
10(a)	<p>Video Conferencing System</p> <p>Codec:</p> <p>Full HD Codec with 1080p60 resolution from 512Kbps</p> <p>Video Codec: H.263, H.264, H.264HP, Dynamic Bandwidth Adjustment, Forward Error Correction (FEC), 20% or higher Packet Loss Adjustment.</p> <p>Audio Codec: G711, G722.1, G722.1C, Echo cancellation Automatic Gain Control</p> <p>Connectivity: 2 RJ45 ports or higher 2 x USB 2.0 or higher ports.</p> <p>Video Output: Minimum 2 HDMI Video Output to attach 2 Display.</p> <p>Video Inputs: Support of at least two Video inputs</p> <p>Audio Output: Support of Audio Output</p> <p>Content Channel: Product should be capable to submit 1080P video and Presentation at same time.</p> <p>Bandwidth: Device should support call from 786kbps to 5 Mbps or higher Bandwidth.</p> <p>Encryption/Network/Security: Encryption support on H.323 and SIP, H.239, BFCP, H.281, H.245, H.235, H.241, Advanced Encryption Standard (AES), SRTP, TLS, DiffServ, RS232, API for integration, DHCP, HTTP, HTTPS, SNTP, NAT, Firewall Traversal, H.460.</p> <p>Other features: LDAP, Multilanguage Support, Meeting Control, Management by Web Browser, Virtual remote Control, Meeting Room passwords Picture in picture (PIP).</p> <p>USB-based automatic configuration (plug-and-play), Wi-Fi access, SiteCall, Wireless data sharing IdeaShare, LDAP/network address book, Web-based meeting control, Video monitoring on the web interface, HD image snapshot (two display modes: 16:9 and 4:3) Picture in Picture (PIP) (small window: 1/16 of the main window in size with</p>	1

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	<p>adjustable position), Open APIs for third-party integration and development Note: The offered Brand should have both Mobile application and Desktop application of same brand available for remote usage. Accessories: Remote, Wires etc. with the system Camera: Minimum 1080p60 with 12x Optical Zoom, Horizontal field of View 70° or Higher, Vertical field of View 40° or Higher, Pan Angle Range+/- 100° Tilt Angle Range +/-30°. Should support Intelligent image processing function AWB, AE, AF Microphone: Plug and play device with full-frequency audio and dual-channel stereo audio feature, should support of 360°/ Omni directional voice pickup through Wired or Wireless Mic (should be of same brand) , Voice pickup distance 6 meter or higher, AEC, ANS,ACG audio processing technologies, Should support Microphone array. Note: Codec, Camera and microphone all separate and dedicated units.</p>	
10(b)	Video Conferencing Trolley/Rack with delivery Compatible Video Conferencing Trolley for Video Conferencing solution with delivery	1
10(c)	LED 55inch 4K Resolution Display: Screen size (inch) 55" Resolution: 3,840 x 2,160, 4K Input & Output: 2HDMI ports or higher, 2 USB Ports, RJ45 Port, Digital Audio output	1
10(d)	Installation Supply, Installation, Fixing, Testing, Commissioning of Video Conferencing System (item 10(a) to 10(c)) and staff training	Whole system
10(e)	Warranty 3 Years complete warranty with parts and services on site.	Whole system
11	Dedicated CIR Connection for Internet Dedicated CIR connection with Static IP and deployment charges CIR 50 Mbps upstream & downstream, 99 % uptime ISP must have redundant reliable internet connections with auto failover function at their own ends. Provision of redundant CIR Internet facility on Fiber optic OR reliable wireless media with auto failover at client side Note: Proposal must include installation charges and per month charges for 50 Mbps Connection separately.	2
12	Audio Conferencing System (on Turn Key Basis) Comprising of following items 12(a) to 12(h)	1 Job
12(a)	Chairman Delegate Unit With priority button by which all delegate units can be deactivated and only chairman will be able to speak at a time. Connection type: Wired	1
12(b)	Delegate Mic (Desktop Base Transmitter) With deactivated function with push of chairman unit priority button and only chairman will be able to speak at a time. Connection type: Wired	20
12(c)	Wireless Hand Mic (Handheld Transmitter) UHF wireless handheld Microphone transmitter, LCD with battery status and frequency indication, supplied with microphone holder, batteries and storage case, Frequency range: 500-550 MHz, 96 selectable UHF channels. Opening range: over 330 feet (100m) in open areas or 200 feet (60m) with obstacles Should be compatible with Quoted audio system	2
12(d)	Central Control Unit (Main Unit Conference System) Fully digital central control unit and conference system LCD Menu screen for digital selection of various menu options and control. Capacity to connect minimum 25 microphones (chairman unit/Delegate Unit) along with provision to extend the microphones by adding extension. Equipped with four groups of 8P-DIN Interface for system connection. Can support video cameras auto tracking. Designed in accordance to ISO and IEC914 standards. Compatible with all type of video conference systems and standards.	1
12(e)	Speakers Input 70V/100V/4-16Ω Wide, Frequency Response :80Hz-20KHz Max SPL:104±2dB, High sensitivity:90±2dB, Wall mount type loudspeaker, Metal grille and ABS enclosure, Equipped with hanging holes for mounting convenient.	4
12(f)	Power Mixer Fully digital central control unit and conference system	1

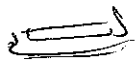
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	<p>Minimum 2 MIC inputs and one line input with 120 watts of amplifier power are available with either 70/100-volt or 4 to 16 ohms(Ω) output loads</p> <p>Control unit should have built in audio recording option in USB/ SD Card or inbuilt memory. Preferably all three modes.</p> <p>Built in audio recording feature should also be able to playback the recorded audio on system.</p> <p>LCD Menu screen for digital selection of various menu options and control.</p> <p>Compatible with Audio Conferencing system and 4 indoor speakers preferably.</p>	
12(g)	<p>Installation</p> <p>Supply, Installation, Fixing, Testing, Commissioning of Audio Conference System (item 12(a) to 12(f)) along with Main Power supply and approximately 300 feet cable (cable length can be increased as per requirement) including pvc duct etc.</p> <p>Wooden box for Main unit and power Mixer.</p>	Whole system
12(h)	<p>Warranty</p> <p>3 Years complete warranty with parts and services on site.</p>	Whole System
13	<p>UPS 03 KVA</p> <p>Output Power Capacity: 2.4 KWatts / 3.0 KVA, Nominal Output Voltage: 230V</p> <p>ECO Mode: Yes, Output Voltage Distortion: 3%</p> <p>Output Frequency (sync to mains): 50/60 Hz +/- 3 Hz</p> <p>Output Connections: (6) IEC 320 C13 (Battery Backup), (1) IEC 320 C19 (Battery Backup), Topology: Double Conversion Online, Waveform Type: Sine Wave</p> <p>Bypass: Internal Bypass, Nominal Input Voltage: 230V</p> <p>Input frequency: 40 - 70 Hz, Input voltage range for main operations: 110-300 at 60% load, Battery Type: Maintenance-free sealed Lead-Acid battery with suspended electrolyte, leakproof, Battery Backup: Standard (20-30 Minutes Backup), ECO Mode: Yes, Display: LCD Display, Operating Temperature: 0 - 40 °C</p> <p>Operating Relative Humidity: 0 - 95% non-condensing, Environment Protection: Conformal Coating, Electrical Protection: Over Voltage Cut off Device</p> <p>Warranty: 3 Years complete warranty with parts at site, Brand: APC or Equivalent</p>	6
14	<p>UPS Synchronizing Card</p> <p>SNMP Synchronizing Card compatible with 3 KVA UPS mentioned above alongwith complete installation & configuration</p>	2

Note:

1. The quantities of above mentioned items may be increased/decreased.
2. Must quote Brand & Model name with country of origin and manufacturing clearly for each item and attach brochure of each item.
3. All quoted items should be channel products, grey channel products will not be accepted. The serial numbers/Service TAG should be verifiable from manufacturer of the brand.
4. For all the Brands and Country of origin/manufacturing mentioned in this tender (if any), the term "or equivalent" is hereby added and shall be considered as per PPRA rules.


Muhammad Farhan Saeed
 Server Room Incharge
 SZMC/H R.Y.K


Noor Anwar
 Computer Programmer
 SZMC/H R.Y.K


DR. MUHAMMAD BILAL GHAFOR
 Associate Professor of Pathology &
 Head of I.T Department
 Sheikh Zayed Medical College/Hospital
 Rahim Yar Khan

Sheikh Zayed Medical College/Hospital, Rahim Yar Khan

Detail of Cost for Miscellaneous Machinery/Equipment

Sr.#	Item Description	Qty	Unit Price	Total Price
1	Tow Type Aerial Platform / Bucket Lifter	1	1,750,000	1,750,000
2	Fork Lifter	1	4,350,000	4,350,000
3	Floor Standing AC (4TR 48000BTU/H)	12	450,000	5,400,000
4	Wall Mounted Split AC (18000BTU/H)	14	90,000	1,260,000
	Grand Total		-	12,760,000
	Rs. in Million		-	12.760

Note:

The quantity of above mentioned items can be increased or decreased subject to availability/release of funds.

Bucket Lifter/ Aerial Platform

ARTICULATING BOOM LIFT

Sr.No.	Feature	Specification
1.	Platform Height	45 ft
2.	Platform Capacity	Unrestricted: 300 kg
3.	Horizontal Outreach	25 ft
4.	Drive Speed	4WD- 7 km/h
5.	Swing	355 Degrees
6.	Ground Clearance	Above 1 ft
7.	Platform Dimension width	2 ft 6 in
8.	Platform Dimension length	6 ft
9.	Tire	Solid Foam Filled
10.	Power Source	Engine Type - Diesel
11.	Capacity - Fuel Tank	60L

Key Features


- Zero calibration
- Fiber Fall Arrest Platform
- Sky guard/ Sky Sense
- Operator Tool Kit with Tray
- Load Sensing System
- Motion Alarm
- Platform console
- Ground control console
- Base boom Selection
- Automatic load sensing system
- Upgraded light panel
- Chassis tilt alarm alert
- Cast Aluminum Control Box
- Platform should be capable of carrying 4 workers with safety measures.
- One week Operator Training

Warranty

Three years complete warranty (Service & Spare parts) of all parts and components of ARTICULATING BOOM LIFT. Damage part should be replaced by vender. Vender will not charge any cost for repairing any part during warranty period. A complete unused and new set of Spares will be used by vender during the maintenance and repairing. The items supplied shall be of the best quality and specially protected against rusting in tropical climate.

Maintenance Tools and Tackles

A complete new set of special purpose tools, tackles and accessories The tools shall be supplied in steel toolbox and with a copy of instruction manual. The items supplied shall be of the best quality and specially protected against rusting in tropical climate. Forklift shall be supplied with one set of tool and tackles with O&M manual in the toolbox separately


ASSISTANT ENGINEER
(ELECTRICAL)
SZMCSZH.R.Y.K.H.A.H.

Inspection, Testing and Acceptance


- Inspection, Testing at Manufactures workplace

Bidder shall submit detailed quality plan, indicating various test to be carried out at work at various stages along with final performance test procedure along with guaranteed parameters for costumer approval.

- The ARTICULATING BOOM LIFT will be accepted only after inspection and testing which will be carried out at manufacturer's workplace by Electrical and Mechanical Engineers of Sheikh Zayed Hospital

Make

The firm having minimum 02 years' experience will also provide Authorized distribution certificate, and winning firm will provide the Copy of Import Documents along with the Invoices. The ARTICULATING BOOM LIFT **must** be made from UK/USA /Japan/Germany/Italy/Korea/Canada/Ireland.


ASSISTANT ENGINEER
(ELECTRICAL)
SZMC/SZH.R.Y.KHAN

TECHNICAL SPECIFICATION OF DIESEL ENGINE 5TON FORKLIFT


Sr.No	Item	Specification
1.	Power Unit (Engine Type)	Diesel Engine Type
2.	Capacity (Lifting Load)	5000Kgs
3.	Load Centre(From face of the Fork)	2 ft
4.	Tires	Solid cushion tires
5.	Number of wheels, front/rear	4/2
6.	MAST configuration	Double cylinder(2stage-Clear High visibility)-HVT
7.	Lift Height (Max fork Height)	4500 mm (approx.)
8.	Height with collapsed mast	3100 mm (approx.)(suitable for clear visibility)
9.	Height with extended mast	5600 mm (approx.)
10.	Fork spread Min/ Max	360 /1510 mm
11.	Turning Radius	3000-4000 mm
12.	Steering Type	Power Steering (Hydrostatic)
13.	Brake :Service brake Parking hand brake	Hydraulic Disc Brake Mechanical
14.	Battery Capacity (Volt/Ah)	24/105(or Suitable capacity)- Reputed manufacturer product
15.	Color	Yellow / Green

Accessories:

- Side shifter
- Load Back Rest
- Head, Tail & Signal lights
- Standard tool kit
- Rearing towing hook
- Reversing hooter alarm
- Rear view mirror
- Vertical Exhaust
- Spark arrestor
- Light reflectors
- Driver's seat
- Seat Belt
- Electric horn
- Pair of forks
- Overhead guards
- Starting battery with alternator

Along with the offer:

- GA drawing of the forklift truck (showing the dimensions of various parts)
- Technical brochures, catalogues etc


ASSISTANT ENGINEER
(ELECTRICAL)
SZHC/SZH.R.Y.KHAN

Along with the supply:

- Operation and maintenance instruction manual for forklift truck.
- Detailed technical specification for all components including bought out items (Electricals, Mechanicals, Electronics & Hydraulics items) shall be provided along with the supply. The operation and maintenance manual shall contain full details indicating testing procedures, operation and maintenance procedures of the equipment. Each manual shall also include a complete set of drawing together with test certificates as applicable. All the documents shall be submitted in both hard and soft copy
- Test certificates for important parts of the equipment
- STEPNEY WHEELS:- Front wheel=01 ,Rare wheel=01
- Equipment and services to be furnished by the bidder for the Fork Lift Truck with Accessories as per the details given in above data sheet. Any equipment / accessories not specified in the specification but required to make the Fork Lift Truck unit complete and efficient shall also be under the bidder's scope of work

Maintenance Tools and Tackles

A complete new set of special purpose tools, tackles and accessories The tools shall be supplied in steel toolbox and with a copy of instruction manual. The items supplied shall be of the best quality and specially protected against rusting in tropical climate. Forklift shall be supplied with one set of tool and tackles with O&M manual in the toolbox separately

Warranty


Three years complete warranty (Service & Spare Parts) of all parts and components of forklift truck. Damage part should be replaced by vender. Vender will not charge any cost for repairing any part during warranty period. A complete unused and new set of Spares will be used by vender during the maintenance and repairing. The items supplied shall be of the best quality and specially protected against rusting in tropical climate.

Inspection, Testing and acceptance

- Inspection, Testing at Manufactures workplace
Bidder shall submit detailed quality plan, indicating various test to be carried out at work at various stages along with final performance test procedure along with guaranteed parameters for costumer approval.
- The forklift will be accepted only after inspection and testing which will be carried out at manufacturer's workplace

Make

The firm having minimum 02 years' experience will also provide Authorized distribution certificate, and winning firm will provide the Copy of Import Documents along with the Invoices. The Forklift **must** be made from UK/USA/Germany/Japan/Italy/Korea/Canada/Ireland.


ASSISTANT ENG
ELECTRICAL
SZMC/SZM.R.Y.KHAN

Floor Standing and Wall Mounted Split Air Conditioners

Sr.No	Item	Description
1.	Supply of split (1.5 Ton) wall mounted type and Floor standing (4 Ton) A/C units (Hot & Cool) including indoor evaporator & outdoor condensing unit with following features complete in all respect.	
2.	Compressor type	T3 Series
3.	Indoor Unit	Plastic body
4.	Wall Mounted (1.5 ton)	18000BTU/H
5.	Floor standing (4.0 ton)	48000BTU/H
6.	Make/Manufacturing Country	Malaysia /Japan

1- Along With Supply**1.1 Air Conditioner Installation**

Installation of above mentioned air-conditioning units complete in all respect ready to operate with piping work, complete in all respect. Supply, chiseling, cutting, Laying and installation of refrigerant piping(Liquid + Gas of appropriate size) make Muller (USA) Pipe of 22 gauge with expanded rubber foam insulation (make Aeroflex-USA) protected with gray fiber tape duly wrapped with wet glue fabric. It includes the necessary "gas charging" if require, necessary control/Power wiring (1.5 ton Pakistan Standard Cable 7/44 2- core - Single phase) (4 ton Pakistan Standard Cable 7/44 4-core - 3 phase) (Control Wiring 110/76 4-Core flexible) from inner unit to condenser unit.

Wall Mounted 1/2" x 1/4" Cu 22 SWG (for each)

Floor standing 3/4" x 3/8" Cu 22 SWG (for each)

1.2 Drain Piping

Supply & installation of drain Piping system with PPRC pipe 32mm dia for condensate drain from indoor unit to nearest drain point. It includes the chiseling / cutting of walls/floor, ceiling hung with clamps etc, complete with traps, fittings, where required etc.

1.3 Angle Frame


Providing and installation of 1.5 outdoor unit wall hung frame in angle iron 2.5mm including enamel paint, bolts, fittings, etc complete in all respect.

Providing and installation of 4 ton AC unit at floor angle Iron frame (for indoor and outdoor units) including enamel paint, bolts, fittings, etc complete in all respect

Warranty

Five years complete warranty of all parts and components of Air conditioners (Compressor, Electronic Circuit, Condenser, evaporator, Gas etc). Damage part should be replaced by vender. Vender will not charge any cost for repairing any part during warranty period.

Muhammad Bilal Mansoor
Head of Mechanical Department
SZM SZH.R.V.Khan


ASSISTANT ENGINEER
(ELECTRICAL)
SZM/SZH.R.V.KHAN

**Medical Equipment OF ADP Scheme "Programme for
Revemping of Emergencies of Tertiary Care Hospital in Punjab
(Sheikh Zayed Hospital, Rahim Yar Khan)"**

Sr#	Name of Item	Qty	Unit Price	Total Amount
	Emergency Dapartment			
1	Pendant (Anesthesia)	1	1,740,103	1,740,103
2	Pendant (Surgical)	1	1,643,430	1,643,430
	Labour Room			
1	Mobile Operation Light	1	457,000	457,000
2	Sonicaid	8	169,650	1,357,200
Total Amount				5,197,733

Note:

The quantity of above mentioned items can be increased or decreased subject to availability/release of funds.

CEILING MOUNTED ANESTHESIA PENDANT

Ceiling mounted Anesthesia Pendant system should be powder coated, hygienically smooth surface impact and disinfectant resistant.

Shelves – 3 or 4 pcs

Drawer – 1 or 2 Pcs

No. of Arms: 02

Length of first Arm 1000 mm

Length of second arm 800 mm

Max. Degree of rotation at each arm: 300° or better

Max. Loading capacity: 200Kg or better (Motorized Uplifting arm to lift the anesthesia machine as per compatibility).

Braking system: Electromagnetic or Electric or pneumatic brakes to control horizontal movement.

Electrical Sockets British Standard – 16 to 20 Pcs

LAN Data ports RJ45 or equivalent for PC – 2 Pc

Oxygen Outlet: 2Pcs

Medical Air 4 Bar 2 pcs


Vacuum Outlet: 2 pcs Nitrous Oxide Outlet 2 pcs

AGSS Out let 2 PCS (Active or Passive I/O to Specify)

I.V Pole- 1 PC

Basket for Accessories.


Eng. AWAIS BIN TARIQ
Bio Medical Engineer/Technical Officer
Zayed Medical College/Hospital


Dr. Mushtaq Ahmed Azmi
Principal Medical Officer (BS-20)
Director Emergency
Sh. Zayed Medical College/Hospital, RYK

CEILING MOUNTED SURGICAL PENDANT

Ceiling mounted Surgical Pendant system should be powder coated, hygienically smooth surface, impact and disinfectant resistant

Shelves – 3 or 4Pcs

Drawer – 1 or 2 Pcs

No. of Arms: 2

Length of first arm: 1000mm

Length of second arm: 800mm

Max. degree of rotation at each arm: 300° or better

Max. loading capacity: 200Kg or better

Braking system: Electromagnetic or electric or pneumatic brakes to control horizontal movement.

Electrical Sockets British Standard – 16 to 20 Pcs

LAN Data ports RJ45 for PC – 1 Pc Telephone Outlets RJ11 – 1Pc

Oxygen Outlet: 2Pcs


Medical Air 4 Bar: 2Pcs

Vacuum Outlet: 2 Pcs

I.V Pole – 1 Pc

Basket for accessories


Eng. AWAIS BIN TARIQ
Bio Medical Engineer/Technical Officer
Sh. Zayed Medical College/Hospital


Dr. Mushtaq Ahmed Azmi
Principal Medical Officer (BS-20)
Director Emergency
Sh. Zayed Medical College/Hospital RYK

Clinical Specialty: Operation Theater and General Surgery

Generic Name: MOBILE OPERATION LIGHT

Clinical Purpose: OT Light is a medical device intended to assist medical personnel during a surgical procedure by illuminating a local area or cavity of the patient.

Technical Specifications:

Mobile LED emergency shadow less operation theater light.

Hermetically dust proof LED head.

Luminance at 1m distance 160,000 lux or above.

Color temperature 4000°-4500° kelvin or better.

Light field diameter between 20 – 24 cm or better (required lux should be available within max. light field area.

Color rendering index 96 or more.

LED life 50,000 hours or more.

Temp. rise in surgical surface <2C

220 V / 50 Hz 1 phase.

Built-in rechargeable battery backup for at least 2 hours.

Autoclavable handles.

[Signature]
Eng. AWAIS BIN TARIQ
Bio Medical Engineer/Technical Officer
Sh. Zayed Medical College/Hospital R.Y.K

[Signature]
DR. AMNA SAEED
Assistant Professor
Obs & Gynae Unit-I
SZMC/ Hospital R.Y.K

ITEM No. 04

Clinical Specialty: Obstetrics and Gynecology
Generic Name: Desktop Fetal Heart Rate Detector/SONICAID
Clinical Purpose: Fetal heart rate detector is used to measure the fetus' heart rate and rhythm during late pregnancy and labor.

TECHNICAL SPECIFICATIONS:

Desktop type
LCD display with visualization of at least fetal heart rate.
Ultrasound working frequency in the range 2MHz or more
High sensitivity equipment compatible probe: 2 MHz or more
Heart rate measurement range not smaller than 50-210 bpm
Audio output reproduction of the fetal heart rate with integrated speaker and headphones.
Integrated Audio volume control system
Battery backup for 2hrs or more.

Accessories:

- 10 bottles of gel for patient application.
- Local trolley with lockable casters

(Sonicaid)

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Bio Medical Engineer/Technical Officer
Sh. Zayed Medical College/Hospital R.Y.K

[Handwritten signature]
Ass. Prof.
Obstetrics & Gynecology Unit
ZMCH Hospital R.Y.K