



OFFICE OF THE DIRECTOR
SAYED ABDULLAH SHAH INSTITUTE
OF MEDICAL SCIENCES SEHWAN

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NO. Director.SASIMS.Sehwan/(Tender-Document-File)/- 02

DATED: 29/4/2017

To,

The Director Information (Advertisement),
Public Relation Department,
Government of Sindh,
Block No. 96 Sindh Secretariat Karachi,
@Karachi.

SUBJECT: - ADVERTISEMENT OF TENDER.

The Demand Draft vide No. _____ dated: _____ amounting Rs. 60,000/= is enclosed on account of publication of NIT of this institute in leading newspapers. Please Acknowledge.

Encl. as:

Demand Draft.

S.No: 33052/MSK

2nd May, 17

(DR. M. MOINUDDIN SIDDIQUI)
DIRECTOR
SAYED ABDULLAH SHAH INSTITUTE
OF MEDICAL SCIENCES SEHWAN

NO: 3033
DATED: 02.05.17

V

OFFICE OF THE DIRECTOR SAYED ABDULLAH SHAH INSTITUTE OF MEDICAL SCIENCES SEHWAN**NOTICE INVITING TENDER (NIT)**

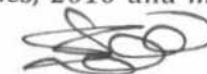
The sealed tenders are invited from all the interested Contractors /Firms /Parties / Suppliers/Manufacturers/Sole Distributors/Sole Agents meeting eligibility criteria, viz. having registration with Federal Board of Revenue (FBR) for Income Tax, Sales Tax in case of procurement of goods, registration with the Sindh Revenue Board (SRB) as the case may be and are not blacklisted by in any procuring agency or authority, are invited to participate in tender for procurement of following items for the year 2016-17.

<u>S#</u>	<u>DESCRIPTION OF ITEMS</u>	<u>TENDER FEE</u>	<u>COMPLETION TIME</u>	<u>EARNEST MONEY</u>	<u>DATE OF PURCHASE OF TENDER DOCUMENT</u>	<u>DATE & TIME OF SUBMISSION OF BIDS</u>	<u>DATE & TIME OF OPENING OF TECHNICAL IDS</u>	<u>PLACE OF PURCHASE OF TENDER DOCUMENTS</u>
01	Purchase of Medical Equipments/Instruments & Machinery	Rs. 3000/-	30 th June 2017	2.5%	From date of publication till	22/05/2017 12:00 NOON	22/05/2017 12:30 PM	Accounts Branch of Sayed Abdullah Shah Institute of Medical Sciences Sehwan
02	Purchase of Furniture & Fixture							
03	Purchase of Hardware (Computer accessories)							

The Terms & Conditions are given as under:

1. The tender documents can be obtained from the Accounts Branch of Sayed Abdullah Shah Institute of Medical Sciences Sehwan on payment of tender fee (Non-refundable) or can be downloaded from SPPRA website on any working day except the day of opening of tenders. However tender fee amounting Rs. 3000/= must be deposited at office of undersigned and receipt be shown at the time of bid deposition. The sealed tender on prescribed proforma along with 2.5% earnest money of total bid (refundable) in the form of Pay Order or Demand Draft in the favor of Director Sayed Abdullah Shah Institute of Medical Sciences Sehwan should be deposited in the above office on 22/05/2017 upto 12:00 Noon and the same will be opened on the same date at 12:30 PM at Committee Room of this Institute, in presence of the Contractors/Representative, whosoever will be present at that time. In case of any unforeseen situation resulting in closure of office on the date of opening or if Governments declares Holiday the tender shall be submitted/opened on the next working day at the same time and venue. Any conditional or un-accompanied of the earnest money, tender will not be considered in the competition.
2. The Method of Procurement is Single Stage – Two Envelopes Procedure (Technical & Financial).
3. The bidders should have at least 10 years successful experience of same services of any Institute or large reputed organization in addition to instruction above.
4. The bidders should have at least Rs. 1,000,000/- annual turnover which would be verified by Bank Statement.
5. The bidders should be registered with Taxpaying Agencies which will be verified by concerned agencies.
6. All bids should be in Pak Rupees.
7. The date of opening of Financial Bids will be announced at the time of opening Technical Bids.

The Procurement Agency reserves the right to reject any or all bids subject to relevant provisions of SPPRA Rules, 2010 and may cancel the bidding process at any time prior to the acceptance of a bid or proposal under Rule-25 of said Rules.



(DR. M. MOINUDDIN SIDDIQUI)
DIRECTOR

SAYED ABDULLAH SHAH INSTITUTE
OF MEDICAL SCIENCES SEHWAN

STANDARD BIDDING DOCUMENT

PROCUREMENT PLAN (NON-DEVELOPMENT) UNDER MACHINERY & EQUIPMENT FOR THE YEAR 2016-17

S No.	Fund Head & Sub Head	Name of work & Breakup	Allocated Funds & Breakup for Diff: Location /Sites	Items to be excuted	Method of Procurment	Anticipated /Actual Date of Advertisement	Anticipated /Actual Date of Start	Anticipated /Actual Date of Completion	Remarks
1	JO0085	Machinery & Equipment	30.00 million	List Attached	NIT	May 2017.	May 2017.	June 2017.	



**DIRECTOR SYED ABDULLAH SHAH
INSTITUTE OF MEDICAL SCIENCES
SEHWAN**



**PROCUREMENT OF MACHINERY
/EQUIPMENTS /INSTRUMENTS AND
FURNITURE**

**BIDDING DOCUMENTS FOR PROCUREMENT OF
MACHINERY /EQUIPMENT/INSTRUMENTS AND FURNITURE
FOR THE FINANCIAL YEAR 2016-2018.**

A: Instructions to Bidders. (ITB)

INTRODUCTION

1. SOURCE OF FUND
 - 1.1 The Government of Sindh has allocated funds for SASIMS during the financial year 2016-2018.
2. ELIGIBLE BIDDERS
 - 2.1 This Invitation for Bids is open to all original Manufacturers, within Pakistan and abroad, and their Authorized Agents/Importers/Suppliers subject to the conditions that:
 - 2.2 The Agents/Suppliers/Importers must possess valid authorization from the Manufacturer. In case of Manufacturers, they should have documentary proof to the effect that they are the original Manufacturers of the required specifications.
 - 2.3 Bidders shall not be under a declaration of ineligibility for corrupt and fraudulent practices issued by any Government (Federal or Provincial), a local body or a public sector organization.
 - 2.4 The bidders should have operational office(s) in Pakistan and possess financial sustainability to meet timely supply.
3. ELIGIBLE GOODS
 - 3.1 in the case of Goods offered from out side the purchasers' country, Certified ISO-CE -FDA bidders shall be considered as eligible good;
 - 3.2 Goods should be packed and transported in a material that meets international standards;
 - 3.3 Goods should be as per Tender specification.

THE BIDDING PROCEDURE

4. Single Stage – Two Envelopes Bidding Procedure.
 - 4.1 Single stage - two envelopes bidding procedure shall be applied;
 - 4.2 The bid shall comprise a single package containing two separate envelopes. Each envelope shall contain separately the technical proposal and the financial proposal;
 - 4.3 The envelopes shall be marked as "TECHNICAL PROPOSAL" and "FINANCIAL PROPOSAL" in bold and legible letters to avoid confusion;
 - 4.4 Initially, only the envelope marked "TECHNICAL PROPOSAL" shall be opened;
 - 4.5 The envelope marked as "FINANCIAL PROPOSAL" shall be retained in the custody of the Purchaser without being opened;
 - 4.6 The Purchaser shall evaluate the technical proposal, without reference to the financial proposal and reject any proposal which does not conform to the specified requirements;
 - 4.7 The financial proposal of bids shall be opened in the presence of bidders qualifying in technical evaluation at time, date and venue to be announced / communicated in advance;
 - 4.8 Financial proposal of the bids failing to qualify in the technical evaluation will be returned to the bidders unopened.

- 4.9 The bidder quoting the lowest price and qualifying as per evaluation criteria mentioned in the technical evaluation shall be declared Successful.

THE BIDDING DOCUMENTS

5. CONTENTS OF BIDDING DOCUMENTS

5.1 The Bidding Documents:

In addition to the Tender Notice, the bidding documents include:

- i. Instructions to Bidders (ITB);
- ii. General Conditions of Contract (GCC);
- iii. Special Conditions of Contract (SCC);
- iv. Schedule of Requirements;
- v. Technical Specifications;
- vi. Contract Form;
- vii. Bid Form; and
- viii. Price Schedule.
- ix. Draft of Intergrity Pact.

5.2 In case of discrepancies between the Tender Notice and the Bidding Documents listed in 5.1 above, the Bidding Documents shall take precedence.

5.3 The bidders are expected to examine all instructions, forms, terms, and specifications in the bidding documents. Failure to furnish complete information required in the bidding documents or to submit a bid not substantially responsive to the bidding documents may result in rejection.

6. AMENDMENT OF BIDDING DOCUMENTS

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

6.2 All prospective bidders that have received the bidding documents will be notified the amendment(s) in writing or by cable which will be binding on them.

6.3 In order to allow prospective bidders reasonable time to take the amendment(s) into account in preparing their bids, the Purchaser may, at its discretion, extend the deadline for submission of the bids.

PREPARATION OF BIDS

7. LANGUAGE OF BID

7.1 Preparation of Bids

The bid prepared by the bidder, as well as all correspondence and documents relating to the bid exchanged by the bidder and the Purchaser shall be in English. Supporting documents and printed literature furnished by the bidder may be in another language provided these are accompanied by an accurate translation of the relevant passages in English, in which case for purposes of interpretation of the Bid, the translated version shall prevail.

8. DOCUMENTS COMPRISING THE BID

8.1 The bid prepared by the Bidder shall comprise the following:

- (a) Bid Form and Price Schedule (to be submitted along with financial proposal);

- (b) Documentary evidence to the effect that the Bidder is eligible to bid and is qualified to perform the Contract if its bid is accepted;
- (c) Documentary evidence to the effect that the goods to be supplied by the Bidder are eligible goods as defined in clause-3 and conform to the bidding documents; and
- (d) Photo copy of Bid Security with hidden amount .

9. BID PRICES

- 9.1 The Bidder shall indicate in the attached proforma of Price Schedule, the unit prices and total bid price of the goods it proposes to supply under the Contract.
- 9.2 Proforma of Price Schedule is to be filled in very carefully, preferably typed. Any alteration/correction must be initialed.
- 9.3 The Bidder should quote the price(s) of goods according to the technical specifications as provided in the Proforma of Price Schedule and Technical Specifications. The specifications of goods different from the ones required by the Purchaser shall straightway be rejected.
- 9.4 The Bidder is required to offer very competitive price(s). All price(s) must include the General Sales Tax (GST) and other taxes and duties, where applicable. If there is no mention of taxes, the offered/quoted price will be considered as inclusive of all prevailing taxes/duties. The benefit of exemption from or reduction in the GST or other taxes during the contract period shall be passed on to the Purchaser

10. BID CURRENCIES

- 10.1 Prices shall be quoted in Pakistani Rupees.

11. DOCUMENTS ESTABLISHING BIDDER'S ELIGIBILITY AND QUALIFICATION

- 11.1 Documentary evidence should be submitted by the bidders along with the technical proposal to prove their eligibility and qualifications to perform the Contract to the Purchaser's satisfaction in the light of the following criteria:
 - (i) Photo copy of National Tax Number (NTN)
 - (ii) Photo copy of General Sales Tax Number
 - (iii) The Bidder/Manufacturer will submit an affidavit on legal stamp paper of Rs. 100/- to the effect that their firm has not been blacklisted in the past on any ground by any Government (Federal or Provincial), a local body or a public sector organization. The Bidder will be debarred from the bidding process for submitting a false statement;
 - (iv) the Bidder is required to provide with its technical proposal the names of the goods for which it has quoted rates in the financial proposal;
 - (v) The Bidder must indicate the country of origin, name of the Manufacturer.

12. DOCUMENTS ESTABLISHING GOODS' ELIGIBILITY

- 12.1 The Bidder shall furnish along with technical proposal, as part of its bid, documents establishing eligibility and conformity of the goods which it proposes to supply under the Contract.

12.2 Submission of Broacher:

- (a) The Bidder must submit, along with technical proposals, original Broachers of quoted items for verification by the procurement committee. No technical proposal / bid will be considered in the absence of Broacher.
- (b) The Bidder must submit, along with technical proposals, sample(s) of quoted items (Wooden furniture, Instruments, Iron/Flower bed Mattress Foam & Miscellaneous items) for verification by the procurement committee. No technical proposal / bid will be considered in the absence of sample(s) without which the offer will be rejected / ignore.

13. BID SECURITY

- 13.1 The Bidder shall furnish, as part of its financial proposal, a Bid Security (earnest money) in the amount specified in SCC. Unsuccessful bidders' Bid Security will be returned soon after approval of the successful Bidder. The successful Bidder's Bid Security will be discharged upon signing of contract and furnishing the Performance Security bond, duly guaranteed by a scheduled bank.
- 13.2 The Bid Security is required to protect the Purchaser against the risk of Bidder's conduct, which would warrant the Security's forfeiture;
- 13.3 The Bid Security may be forfeited:
 - (a) if a Bidder withdraws its bid during the period of bid validity; or
 - (b) in the case of a successful Bidder, the Bidder fails:
 - (i) to sign the Contract; or
 - (ii) to complete the supplies in accordance with the General Conditions of Contract.

14. BID VALIDITY

- 14.1 Bids shall remain open up to 30th June 2018. A bid valid for a shorter period shall be treated as non-responsive.
- 14.2 The Purchaser shall ordinarily be under an obligation to process and evaluate the bids within the stipulated bid validity period. However, for any reasons to be recorded in writing, if an extension is considered necessary, all those who have submitted their bids shall be asked to extend their respective bid validity period.

SUBMISSION OF BIDS

15. SEALING AND MARKING OF BIDS

- 15.1 The envelopes shall be marked separately as "TECHNICAL PROPOSAL" and "FINANCIAL PROPOSAL" in bold and legible letters to avoid confusion. The Bidder shall seal the proposals/bids in separate envelopes and put them in a relatively bigger envelope to be sealed.
- 15.2 The inner and outer envelopes shall:
 - (a) be addressed to the Purchaser at the address given in the Tender Notice; and
 - (b) bear the Project name and address i.e. DIRECTOR SYED ABDULLAH SHAH INSTITUTE OF MEDICAL AND SCIENCES SEHWAN with the serial number indicated in the Tender Notice, and a statement: "DO NOT OPEN- BEFORE," to be completed within the time and date specified in the Tender Notice.
- 15.3 The inner envelopes shall also indicate the name and address of the Bidder to enable the Purchaser to return the bid unopened in case it is declared as "non-responsive" or "late" as the case may be.

- 15.4 If the outer and the inner envelopes are not sealed and marked as required, the Purchaser will assume no responsibility for the bid's misplacement or premature opening.
16. **DEADLINE FOR SUBMISSION OF BIDS**
- 16.1 Bids must be submitted by the bidders and received by the Purchaser at the specified address not later than the time and date specified in the Tender Notice.
- 16.2 The Purchaser may, at its convenience, extend this deadline for submission of bids by amending the bidding documents in which case all rights and obligations of the Purchaser and the Bidders previously subject to the deadline will thereafter be subject to the deadline as extended.
17. **LATE BID**
- 17.1 Any bid received by the Purchaser after the deadline for submission of bids prescribed by the Purchaser shall not be entertained and returned unopened to the bidder.
18. **WITHDRAWAL OF BIDS**
- 18.1 The Bidder may after its submission withdraw prior to the expiry of the deadline prescribed for submission of bids.

OPENING AND EVALUATION OF BIDS

19. **OPENING OF BIDS BY THE PURCHASER**
- 19.1 The Purchaser will initially open only the envelopes marked "TECHNICAL PROPOSAL" in the presence of Bidders' or their representatives who choose to be present at the time of bid opening on the date, time and place specified in the Tender Notice. The bidders or their representatives who are present shall sign the Attendance Sheet evidencing their attendance. The envelope marked as "FINANCIAL PROPOSAL" shall be retained in the custody of Purchaser without being opened till the completion of the evaluation process. Opening and Evaluation of Bids
- 19.2 The bidders' names, item(s) for which they quoted their rate(s) and such other details as the Purchaser may consider appropriate, will be announced at the time of opening of technical proposals. However, at the time of opening of Financial Proposals on a pre-indicated date, time and venue, the bid prices, discounts (if any), and the presence or absence of requisite Bid Security and such other details as the Purchaser, may consider appropriate, will be announced.
- 19.3 Any financial bid found without the prescribed bid security (earnest money) shall be straightaway rejected even if it qualified in the process of technical evaluation.
- 19.4 The Purchaser will prepare minutes of the technical and financial bids opening meetings and will get these minutes signed by the Head and members of the Procurement Committee and submit for approval of the competent authority.
20. **CLARIFICATION OF BIDS**
- 20.1 During the process of evaluation of the bids, the Purchaser may ask a Bidder for any clarifications of its bid. The request for such clarifications and the response shall be in writing. However, no change in the quoted price or substance of the bid shall be sought, offered, or permitted.
21. **PRELIMINARY EXAMINATION**
- 21.1 The Purchaser will examine the bids to determine whether they are complete; whether any computational errors have been made; whether the

required sureties have been furnished: whether the documents have been properly signed and linked, and whether the bids are generally in order.

21.2 Arithmetical errors in a financial bid will be rectified in the following manner:

- (i) 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.
- (ii) If there is a discrepancy between words and figures, the amount in words will prevail.
- (iii) If the Bidder/Supplier does not accept the correction of the errors, its bid will be rejected.

21.3 The Procurement Committee may waive any minor infirmity, non-conformity, or discrepancy in a bid if in their view, it does not constitute some material deviation, provided that such waiver does not prejudice or affect the relative ranking of any Bidder.

21.4 If a bid is found substantially non-responsive, it will be rejected by the Purchaser. It cannot subsequently be made responsive by the Bidder by correction of the nonconformity / discrepancy.

22. EVALUATION & COMPARISON OF BIDS

22.1 The Purchaser will evaluate and compare the bids, which have been determined to be substantially responsive.

22.2 The technical proposals/bids will be evaluated on the basis of Technical Specification / rule, previous supply experience, financial soundness working period / backup service with part-without part and such other details as the Purchaser may consider appropriate for making a sound judgment. However, the financial proposal will be evaluated on the basis of price inclusive of prevailing taxes and duties and bid Security, being major factor, without ignoring the other relevant conditions as well.

23. EVALUATION CRITERIA

23.1 Merit System:

23.2 The following merit system for weighing evaluation factors/criteria will be applied for technical and financial proposals.

(a) Technical Proposals / bids:

The technical proposals will be evaluated on merits of the followings:

S.#	Evaluation Criteria	Yes	No.
1	Conforming/compliance of technical specifications of the product		
2	Fulfillment of the tender conditions of ITB clause 8 & 11		
3	Authority letter for quoted items from Manufacturer /importer		
4	Original purchase receipt		
5	Proven Track Record last 03 years		
6	Scaled original letter of financial soundness from schedule Bank about 100 (M) per year. Last three years		
7	Bank Statement last 3 years		
8	Audit Reports of three years		
9	Proof of General Sales Tax paid during the last three years		
10	Proof of Income Tax paid during the last three years		
11	Appropriateness of supply schedule offered by the bidder		
12	Copy of Professional Tax Certificate of current year		
13	Copy of chamber & commerce industries certificate of current year.		
14	Registration with SBR		
15	Original Technical Broacher		
	Tenderers shall submit guarantee letter that the supplied Required items (Machinery / Equipments/Instruments etc) is the original/ brand new product/ latest model non of the part is replaced , old or refurbished.		
16	Original technical brochure of Equipments		
17	Certification FDA/ CE Mark if applicable		
18	The Bidder/Manufacturer will submit an affidavit on legal stamp paper of Rs. 200/- that guarantee shall ensure 02 years free service and parts warranty +2 years free labour services and free installation at the consumer's end.		
19	The Bidder/Manufacturer will submit an affidavit on legal stamp paper of Rs. 50/- of draft of integrity pact.		
20	The Bidder/Manufacturer will submit an undertaken on legal stamp paper of Rs. 50/- that he bound / give the Warranty period of two years starting from date of full functional commissioning delivery by the Supplier to the end users		

(b) Financial proposals bids:

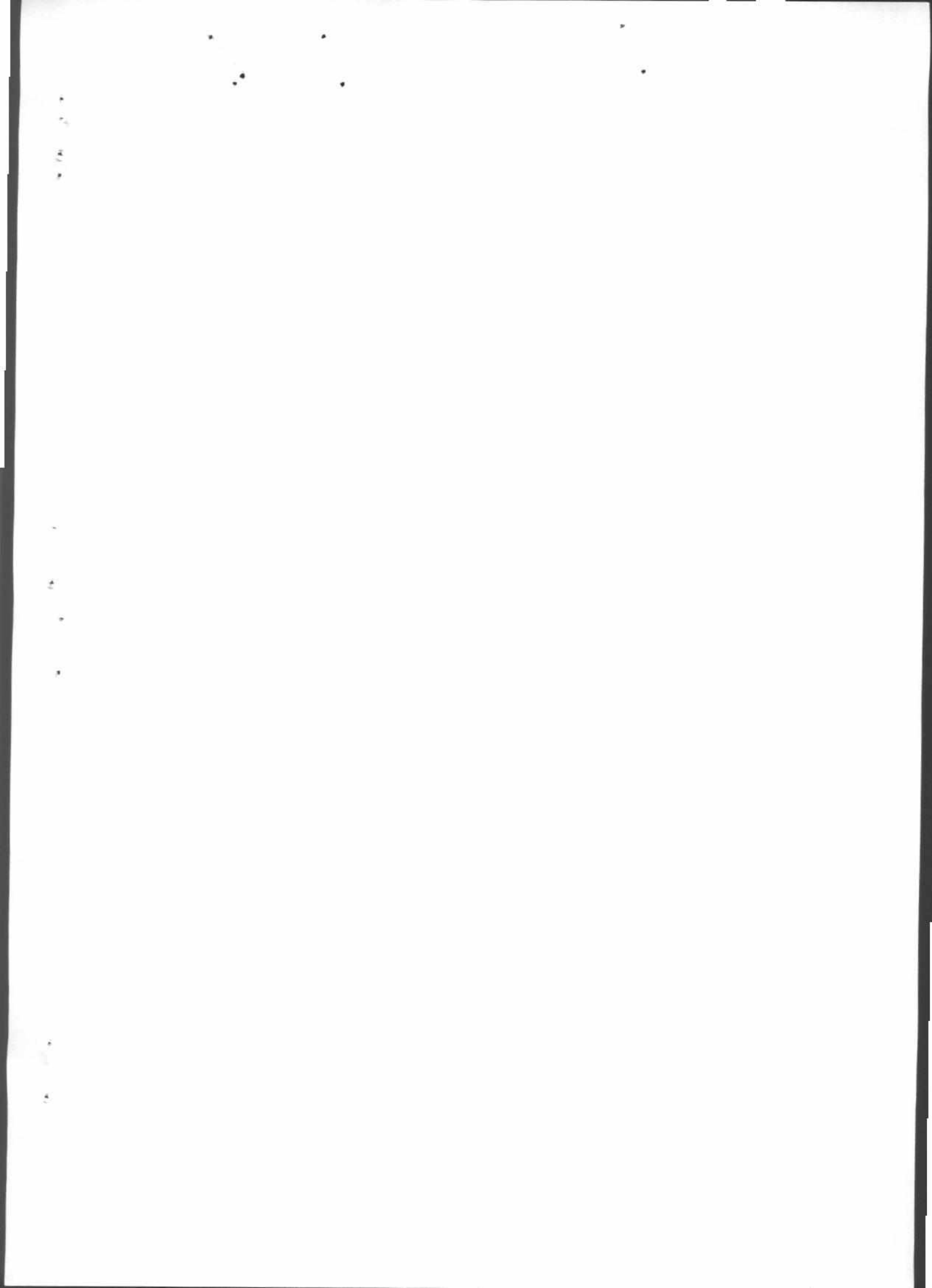
After technical evaluation is completed, the Purchaser shall inform the disqualified bidders that their bid has been found non-responsive and that their financial proposal will be returned unopened after completing the process. The Purchaser shall simultaneously inform in writing the qualified bidders date, time and place for opening the financial proposals. Bidder's attendance at the opening of financial proposal is optional.

- 23.3 Financial proposals shall be opened publicly in the presence of the bidders or their representatives who choose to be present. Total prices quoted by each the financial proposal shall also be announced and recorded.
24. CONTACTING THE PURCHASER
- 24.1 No bidder shall contact the Purchaser on any matter relating to its bid, from the time of the bid opening to the time the Contract is awarded. If any bidder wishes to bring additional information to the notice of the Purchaser, it may do so in writing.
- 24.2 Any direct or indirect effort by a bidding firm to influence the Purchaser during the process of selection of a bidder or award of contract may besides rejection of its bid result into its disqualification from participation in the Purchaser's future tenders.
25. REJECTION OF BIDS
- 25.1 Notwithstanding anything stated here-before after the Purchaser may reject any or all bids at any time prior to the acceptance of a bid. The Purchaser may upon request, communicate to a bidder, the grounds for its rejection, but shall not be under obligation to justify those grounds.
26. RE-BIDDING
- 26.1 If the Purchaser has rejected all bids, it may move for a re-bidding or may seek any alternative method of procurement under the provisions of the Public Procurement Rules, 2010 (as amended up to date).
27. ANNOUNCEMENT OF EVALUATION REPORT
- 27.1 The Purchaser will announce the Evaluation Report and the resultant acceptance or rejection of bids at least 7 days prior to the award of procurement contract.

AWARD OF CONTRACT

28. ACCEPTANCE OF BID AND AWARD CRITERIA
- 28.1 The bidder with lowest evaluated bid under clause 23.5, if not in conflict with any other law, rules, regulations or policy of the Government, will be awarded the contract within the original or extended period of bid validity.
29. PURCHASER'S RIGHT TO VARY QUANTITIES
- 29.1 The Purchaser reserves the right to increase or decrease the quantity of stores originally specified in the Price Schedule and Schedule of Requirements without any change in unit price or other terms and conditions.
30. LIMITATIONS ON NEGOTIATIONS
- 30.1 Negotiations only for delivery schedule or completion schedules will be conducted.
- 30.2 Negotiations will not be used to change substantially:
- i. the technical quality or details of the requirement, including the tasks or responsibilities of the bidder or the performance of the goods;
 - ii. The terms and conditions of the Contract and;
 - iii. anything affecting the crucial or deciding factors in the evaluation of the proposals / tenders and / or selection of successful bidder..
31. NOTIFICATION OF AWARD
- 31.1 Prior to the expiry of the original or extended period of bid validity, the successful bidder will be informed in writing of acceptance of its bid by the Purchaser.
32. SIGNING OF CONTRACT

- 32.1 While conveying acceptance of bid to the successful bidder, the Purchaser will send him / her the Contract Form provided in the bidding documents, incorporating all points of agreement between the Parties.
 - 32.2 Ten days after the official announcement of the award as stipulated in the SPPRA RULES 2010, both the successful Bidder and the Purchaser will sign and date the Contract on legal stamp paper of appropriate value. The Purchaser will issue Purchase Order as soon as the Contract is signed. In case the successful Bidder, after completion of all legal formalities, shows inability to sign the Contract, its Bid Security / Earnest Money shall be forfeited. The firm may also be blacklisted from taking part in any future bidding of purchaser for a period upto five Years. In such a situation, the Purchaser may make the award to the next lowest evaluated bidder or move for re-tender.
33. PERFORMANCE GUARANTEE SECURITY
- 33.1 One day before the date of signing of the Contract, the successful Bidder shall furnish Performance Guarantee/Security in line with the Performance Guarantee/Security Form provided with the bidding documents. Upon submission of Performance Guarantee the Bid Security (Earnest Money) will be returned to the Bidder
 - 33.2 Failure of the successful Bidder to comply with any of the requirements specified in this document shall be considered as sufficient grounds for the annulment of the award and forfeiture of the Bid Security, in which event the Purchaser may make the award to the next lowest evaluated Bidder at the risk and cost of the former.
34. CORRUPT OR FRAUDULENT PRACTICES
- 34.1 (a) The Procuring Agency and the Bidders / Manufacturers / Suppliers / Contractors are expected to observe the highest standard of ethics during the procurement and execution of the Contract. In pursuance of this policy, the relevant terms / phrases as may apply are defined below:
 - (i) "corrupt practice" means the offering, giving, receiving or soliciting of any thing of value to influence the action of a public official in the procurement process or in Contract execution; and
 - (ii) "fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a Contract to the detriment of the Purchaser, 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 Purchaser of the benefits of free and open competition;
 - (b) The Purchaser will take all possible administrative / legal measures if it is found that the Bidder recommended for award was / is engaged in corrupt or fraudulent practice(s) before or after signing of the contract resulting into the conviction of the proprietor under criminal case besides blacklisting of the firm either indefinitely or for such period of time as may be determined by the Purchaser.
 - (c) will declare a firm ineligible, either indefinitely or for a stated period of time, for the award of a Contract if it, at any time, determines that the firm has engaged in corrupt or fraudulent practices in competing for or in executing a Contract.



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 Purchaser 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 Machinery/Equipments/ Instruments and Furniture and transport including all kinds of vehicles which the Supplier is required to supply to the Purchaser under the Contract.
- (d) "The Services" means those services ancillary to the supply of the above goods, such as printing of special instructions on the label and packing, design and logo of the Programme, transportation of goods up to the desired destinations and other such obligations of the Supplier covered under the Contract.
- (e) "GCC" means the General Conditions of Contract contained in this section.
- (f) "SCC" means the Special Conditions of Contract.
- (g) "The Purchaser" means the DIRECTOR SYED ABDULLAH SHAH INSTITUTE OF MEDICAL AND SCIENCES SEHWAN.
- (h) "The Supplier" means the individual or firm supplying the goods under this Contract.
- (i) "Day" means official working day excluding national holidays.

2. APPLICATION

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

3. STANDARDS

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

4. USE OF CONTRACT DOCUMENTS AND INFORMATION

4.1 The Supplier shall not without the Purchaser'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 Purchaser in connection therewith, to any person other than a person employed by the Supplier in the performance of the Contract. Disclosure to such employed person shall be made in confidence and shall extend only, as far as may be necessary, to such performance and not further or otherwise.

4.2 Any document, other than the Contract itself, shall remain the property of the Purchaser and shall be returned (all copies) on completion of the Supplier's performance under the Contract.

4.3 The Supplier shall permit the Purchaser to inspect the Supplier's accounts and records relating to the performance of the Supplies.

5. PATENT RIGHTS

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

6. ENSURING STORAGE ARRANGEMENTS

6.1 To ensure storage arrangements for the intended supplies, the Supplier shall inform the Purchaser at least two weeks prior to the arrival of the consignments at its store/warehouse. However, in case no space is available at its store/warehouse at the time of supply, the Purchaser shall, seven days prior to such a situation, inform the Supplier, in writing, of the possible time-frame of availability of space by which the supplies could be made. In case the Supplier abides by the given time frame, he will not be penalized for delay.

7. INSPECTIONS

7.1 The Purchaser or its representative shall have the right to inspect and/or test the goods to confirm their conformity to the Contract specifications at the cost payable by the Supplier.

7.2 The Purchaser's right to inspect, test and, where necessary, reject the goods either at Supplier's premises or upon arrival at Purchaser's destinations shall in no way be limited or waived by reasons of the goods having previously been inspected, tested, and approved by the Purchaser or its representative prior to the goods shipment from the manufacturing point.

8. DELIVERY AND DOCUMENTS

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

09. TRANSPORTATION

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

10. INCIDENTAL SERVICES

11.1 The Supplier will be required to provide to the Purchaser incidental services the cost of which should be included in the total bid price.

11. WARRANTY

12.1 Warranty period shall be of two years starting from date of full functional commissioning delivery by the Supplier to the Purchaser/end users.

12.2 The Purchaser shall promptly notify the Supplier in writing of any claims arising out of this warranty.

12. PAYMENT

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

13.2 The currency of payment will be Pakistani Rupees.

13. ASSIGNMENT

14.1 The Supplier shall not assign, in whole or in part, its obligations to perform to another party under this Contract, except with the Purchaser's prior written consent.

14. DELAYS IN THE SUPPLIER'S PERFORMANCE

- 15.1 Delivery of the goods shall be made by the Supplier in accordance with the time schedule prescribed by the Purchaser in the Schedule of Requirements.
- 15.2 If at any time in the course of performance of the Contract, the Supplier encounters anything impeding timely delivery of the goods, he shall promptly notify the Purchaser in writing of the causes of delay and its likely duration. As soon as practicable, after receipt of the Supplier's notice, the Purchaser shall evaluate the situation and may, depending on merits of the situation, extend the Supplier's time for performance, with or without liquidated damages, in which case the extension shall be ratified by the Parties by a supplementary Contract to be treated as an addendum to the original contract.
- 15.3 Any undue delay by the Supplier in the performance of its delivery obligations shall render it liable to the imposition of liquidated damages.
15. PENALTIES LIQUIDATED DAMAGES
- 16.1 In case of late delivery, even for reasons beyond control, penalty as specified in SCC will be imposed upon the Supplier / Manufacturer. The Purchaser may consider termination of the Contract in case there is an unusual delay in the delivery of the goods whereby the ongoing activity is likely to be affected seriously.
16. TERMINATION FOR DEFAULT
- 17.1 The Purchaser may, without prejudice to any other remedy for breach of Contract, by a written notice of default sent to the Supplier, terminate this Contract in whole or in part if:
- (a) 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 Purchaser;
 - (b) the Supplier fails to perform any other obligation(s) under the Contract to the satisfaction of the Purchaser; and
 - (c) the Supplier, in the judgment of the Purchaser, has engaged itself in corrupt or fraudulent practices before or after executing the Contract.
17. FORCE MAJEURE
- 18.1 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 this delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure. For the purposes of this Clause Force Majeure means an act of God or an event beyond the control of the Supplier and not involving the Supplier's fault or negligence directly or indirectly purporting to mal-planning, mismanagement and /or lack of foresight to handle the situation. Such events may include but are not restricted to acts of the Purchaser 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 Purchaser in writing with sufficient and valid evidence of such condition and the cause thereof. The Committee, constituted for redressing grievances, will examine the pros and cons of the case and all reasonable alternative means for completion of purchase order under the Contract and will submit its recommendations to the competent authority. However, unless otherwise directed by the Purchaser 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.

18. TERMINATION FOR INSOLVENCY

19.1 The Purchaser 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 that event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect any right or remedy which has accrued or will accrue thereafter to the Parties.

19. ARBITRATION AND RESOLUTION OF DISPUTES

20.1 The Purchaser and the Supplier shall make every effort to resolve amicably by direct informal negotiations any disagreement or dispute arising between them under or in connection with the Contract.

20.2 If, after thirty (30) days from the commencement of such informal negotiations, the Purchaser 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.

20.3 In case of any dispute concerning the interpretation and/or application of this Contract is to be settled through arbitration, the Secretary to the Government of Sindh, Health Department or his nominee shall act as a sole arbitrator. The decisions taken and/or award given by the sole arbitrator shall be final and binding on the Parties

20. GOVERNING LANGUAGE

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

21. APPLICABLE LAW

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

C: Invitation for Bids

Phone No 025-4620-317 Fax No 025-4620-833

SAY NO CORRUPTION

DIRECTOR SYED ABDULLAH SHAH INSTITUTE OF MEDICAL AND SCIENCES SEHWAN

Phone # 025-4620317 (E-mail: sasims2015sehwan@gmail.com)

INVITATION OF BIDS.

Sealed Bids are invited from reputed and financial sound manufacturers / authorized dealers / Distributors registered with sales Tax and Income Tax department in accordance with SPP Rule 46(2) "Single Stage – Two Envelope procedures". for procurement Machinery/Equipments Instruments and Furniture /Medicines for the year 2016-2018.

Bidding Document containing specification, terms and conditions including other details can be obtained from the office of the undersigned from __-__-2017 to __-__-2017

S.#	Description	Tender Fee	Call Deposit of quoted items
1	Machinery/Equipments/Instruments	Rs.2000	2%
2	Furniture / Fixture	Rs.2000	2%

The firms are required to deposit their sealed tenders' documents/Bids (technical & financial) in the office of the undersigned on __-__-2017 by 10.00 A.M

Only Technical bids/ proposals will be opened on __-__-2017 at 11.00 A.M before procurement committee in the presence of bidders/ their representative of the firms in the committee room of this office.

Technical & Financial proposals should be submitted in separate envelopes.

All bids shall include Govt. Taxes including GST if applicable.

Bids must be in Pak rupees.

Procuring agency may reject any bid subject to relevant provision of SPPRA Rules 2010 and may cancel the bidding process at any time prior to acceptance of bid or proposal as per Rule-25(1) of said rules.

In case of public Holiday, the bids shall be submitted and opened as per given schedule on the next working day.

DIRECTOR
SYED ABDULLAH SHAH INSTITUTE OF
MEDICAL AND SCIENCES SEHWAN

D: Special Conditions of Contract (SCC)

1. DEFINITIONS (GCC CLAUSE 1)

GCC 1.1 (g) The Purchaser is the SYED ABDULLAH SHAH INSTITUTE OF MEDICAL AND SCIENCES SEHWAN

GCC 1.1 (h) The Supplier is: _____
(name and address of the successful bidder)

2. BID SECURITY (ITB CLAUSE 13)

ITB 13.1 The Bidder shall furnish, as part of its financial proposal/bid, refundable Bid Security/Earnest Money in Pak Rupees @ 2% fixed In the shape of Bank Draft / Pay Order / Call Deposit / Bank guarantee in the name of the Director Syed Abdullah Shah Institute of Medical and Sciences Sehwan The financial bid found deficient of the Bid Security will be rejected. No personal cheque in lieu thereof will be acceptable at any cost. The previous Bid Security, if any, will not be considered or carried forward. However, the Bid Security of the successful Bidder will be returned upon submission of Performance Guarantee equal to 5% of the Contract amount that will remain with the Director Syed Abdullah Shah Institute of Medical and Sciences Sehwan till satisfactory completion of the Contract period. In case of unsuccessful bidders, the Bid Security will be returned as soon as possible.

3. PERFORMANCE GUARANTEE/SECURITY (ITB CLAUSE 33)

ITB Clause 33.1 After signing of Contract, the successful Bidder shall furnish the Performance Guarantee/Security on legal stamp paper equivalent to 2 % of the total Contract amount from any of the scheduled banks. The Performance Guarantee/Security Form is provided in the bidding documents. Upon submission of Performance Guarantee the Bid Security would be returned to the Bidder.

4. INSPECTIONS AND TESTS (GCC CLAUSE 7)

GCC 7.1 & 7.2 The goods received in the office of the Director Syed Abdullah Shah Institute of Medical and Sciences Sehwan from the Supplier will be thoroughly inspected and examine by a Committee to make sure that the goods received conform to the specifications laid down in the tender documents and which have been approved by the Procurement Committee for procurement. The Committee will submit its inspection report along with bills / delivery challans for settlement. Any deficiency pointed out by the Committee shall have to be rectified by the Supplier free of cost.

5. DELIVERY AND DOCUMENTS (GCC CLAUSE 8)

GCC Clause 8.1 The Supplier shall provide the following documents at the time of delivery of goods including Machine/Equipments /Instruments and Furniture to the Store / Warehouse of the Director Syed Abdullah Shah Institute of Medical and Sciences Sehwan for verification duly completed in all respects:

- i. Original copies of Delivery Note (Challan) (in duplicate) showing item's description, manufacturing and quantity.
- ii. Original copies of the Supplier's invoices (in duplicate) showing warranty, item's description, manufacturing and quantity, per unit cost, and total amount.
- iii. Original copies of the Sales Tax Invoices (where applicable) in duplicate showing item's description, quantity, per unit cost (without GST), amount of GST and total amount (with GST).

6. INSURANCE (GCC CLAUSE 9)

GCC 9.1 The goods supplied under the Contract shall be on Delivered Duty Paid (DDP) basis at the Director Syed Abdullah Shah Institute of Medical and Sciences Shwan under which risk will be transferred to the Purchaser only after it has taken delivery of the goods. Hence insurance coverage is Supplier's responsibility and they must arrange for it.

7. WARRANTY (GCC CLAUSE 12)

GCC 12.1 **Warranty period shall be of two years starting from date of full functional commissioning delivery by the Supplier to the Purchaser.**

8. PAYMENT (GCC CLAUSE 13)

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

- (a) Payment shall be made in Pak Rupees.
- (b) The payment will be made to the Supplier within 30 days of the receipt of original delivery challan(s) and invoice(s) in duplicate duly completed in all respect and signed and stamped by the Chairman of the Inspection Committee. The Inspection Committee will prepare and submit a report of physical inspection with a certificate to the effect that the goods conform to the specifications laid down in the bidding documents.

9. PENALTIES/ LIQUIDATED DAMAGES (GCC CLAUSE 16)

GCC 16.1 In case deliveries are not completed within the time frame specified in the schedule of requirements, a Show Cause Notice will be served on the Supplier which will be following by cancellation of the Contract to the extent of non-delivered portion of installments. No supplies will be accepted and the amount of Performance Guarantee / Security to the extent of non-delivered portion of supplies of relevant installments will be forfeited. If the firm fails to supply the whole installments, the entire amount of Performance Guarantee/Security will be forfeited to the Government Account and the firm will be blacklisted at least for two years for future participation in bids:

In case of late delivery of goods beyond the periods specified in the schedule of requirements, penalty @ 0.3% per day of the cost of late delivered goods shall be imposed upon the Supplier. Details of penalties/liquidated damages are given in the Schedule of Requirements.

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

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

In case of any dispute concerning the interpretation and/or application of the Contract, it shall be settled through arbitration. The Secretary to the Government of Sindh, Health Department or his nominee shall act as sole arbitrator. The decisions taken and/or award given by the arbitrator shall be final and binding on the Parties.

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1000

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11. GOVERNING LANGUAGE (GCC CLAUSE 21)

GCC 21.1 The language of this Contract shall be English.

12. APPLICABLE LAWS (GCC CLAUSE 22)

GCC 22.1 The Contract shall be governed by the Laws of Pakistan and the Courts of Pakistan shall have exclusive jurisdiction.

13. NOTICES

Purchaser's address for notice purposes:

Director Syed Abdullah Shah Institute of Medical and Sciences Sehwan.

Supplier's address for notice purposes:

E: Schedule of Requirements

1. SCHEDULE OF REQUIREMENTS

The entire quantity of the ordered supplies shall be delivered within 20 days or earlier from the date of issuance of supply order / contract award without any penalty.

Delay in the delivery shall result in penalties to be paid by the Supplier without any argument or question according to the prevailing SPPRA Rules.

F: Technical Specifications

S#	NAME OF ITEMS	QUANTITY	RATE/ITEM	TOTAL
INSTRUMENTS/EQUIPMENTS				
1	<p>Fully Automatic Chemical Analyzer Reagent volume 30% or less No warm-up time : Always ready to measure Interface Protocol (Report Display) RS232 Output Chronometric (coagulation parameters) Serum, Urine, Plasma, CSF, and others Automatic with chemical Standards Quartz-iodine lamp / Halogen lamp Automatic filter selection 8 wavelengths 340, 415, 510, 546, 578, 600, 660 and 700nm Triple cuvette system Make: EU/ USA/ Japan</p>	1 No.		
2	<p>Fully Automatic Hematological Analyzer 3 parts differential 18 or more hematological measured parameters . WBC, RBC, Hb, MCV and PLT. Colored display . -WBC-LYM#-MID#- GRN#LYM%-GRN%- HGB-RBC-HCT-MCVRDW- MCH-MCHCPLT- MPV-PCT-PDW-WBC, RBC and PLT histogram Alarm system with auto diagnostic capabilities 72 or more samples/ hour capacity . Blood sample volume upto10ul CBC test should incorporate within one minute & minimum quantity should be used RS232 interface STAT measurement Barcode & ID management Micro sampling capability Homogeneous built-in tube mixing Smart ColoRac match High resolution color 10.4-inch LCD touch screen Automatic priming, self check and nozzle cleaning Make: UK/USA/ Japan</p>	1 No.		
3	<p>Large Size Incenerator Fuel Oil or Gas Chamber Capacity 0,75 m3 Burn rate Up to 35kg per hour Avg Ash Residue 100 mg / m3 Avg Fuel Consumption 14kg per hour Operating Temperature 850 °C Residency Time in Secondary Chamber 2 seconds Temperature Monitoring Parts warranty should be 1 year Electric Powder: 220v -240v, single phase 50-60Hz - 13-16 amp • 110V systems available on request</p>	1 No.		
4	<p>CTG Machine Features: An Antepartum fetal monitor, designed for the private obstetrician office and the hospital's Antepartum testing area. Fetal Heart Rate (FHR) is monitored using an ultrasound, and uterine activity is monitored using an external Toco transducer. Accurate, Continuous traces for quick interpretation. Compact, lightweight for table top, wall mount or mobile cart. Low ultrasound energy exposure to the fetus Flexibility to add new features later, helping to reduce overall cost of ownership. Touch screen operation. Fetal patient information is displayed</p>	2 No.		

in numerical or graphical form on a 6.5" TFT color screen.
 IEC 60601-1/EN 60601-1
 Fetal Heart Rate
 Maternal Heart Rate
 Fetal ECG
 UA Toco
 UA IUPC Measurements
 Twin Fetal Rate Measurements
 Event Marker for Fetal Movement
 Accessories:
 • Toco Transducer 01
 • Ultrasound Transducer 02
 • Reusable Transducer Belts 02
 • Bottle of Ultrasound Gel. 01
 • Remote Event Marker 01
 • Power Cord 01
 • Grounding Cord 01
 Make: EU/USA/ Japan or Equivalent

Pulse Oxymeter

The Intended for monitoring, recording and alarming of multiple physiological parameters of adults, pediatrics, and neonates in healthcare environments. Capable in measuring, pulse rate, oxygen saturation (SpO₂).

Features

- Adult, pediatric, and neonatal capability
- Easy-to-read display with large color-coded numeric.
- Lithium ion battery
- Displays SpO₂ waveform with pulse strength indication
- Flexible blood pressure modes
- Manual start/stop
- Auto intervals
- User-defined interval programs
- STAT
- Easy software upgrades via USB port

Display

- Screen type: 8.4" TFT-AM LCD display
- Resolution: 800 active pixels/line, 600 active lines per frame

Pulse Oximetry(SPO₂)

- Measurement range (SpO₂): 0 - 100%
- Pulse Rate Range: 30 – 300
- Unbreakable Reusable SpO₂ Sensor

Standard Accessories

- Adult Reusable SpO₂ Finger Probe 01
- Paediatric Reusable SpO₂ Finger Probe 01
- Neonatal Probe 01
- Power Card 01

Operating Manual 01

5 Make: UK/USA/ Japan or Equivalent

2 No.

Defibrillator

Patient Impedance Range:

- Minimum 10-25 Ohm, depending upon energy level, upto: 180 Ohm or better

AED Mode

- Fixed energy (150 Joules) or better.

Patient Analysis:

- Per protocol, evaluates patient ECG and signal quality to determine if a shock is appropriate and evaluates connection impedance for proper defibrillation pad contact.
- Strip, Summary, Mark.

Shockable Rhythms:

- Ventricular Fibrillation with amplitude >100 uV and wide complex ventricular tachycardia with rates greater than 150 bpm.

Indicators:

- EL display for ECG waveform and text prompts, Audio alerts, QRS Beeper, Charging tones (for sync and asynchronous modes), AC Power LED, Battery Charging LED, Sync LED, Pacer LED.

Synchronizer:

- SYNC message appears on the monitor and is annotated on the printer (if printing while in Sync mode). An audible beep sounds with each detected R-wave, while a tick mark on the monitor and printed strip indicate the discharge points. Synchronizer delay is less than 60 msec from peak R-Wave to peak current of the defibrillation discharge.

Capacity:

- 100 minutes ECG monitoring or 50 full-energy discharges or 75 minutes ECG monitoring while pacing (with a new, fully charged battery at room temperature, 25° C).

Thermal Array Printer

Continuous Real Time Strip:

- User starts and stops the strip. The strip prints the selected ECG lead data:

Standard accessories

- 3 Lead ECG Cable 01
- Defib. Hard Paddles for adult/Peads 01 set
- Power Cable 01
- Battery 01
- Recorder Paper - Roll 02
- Monitoring Electrode 05

6 Make: UK/USA/Japan

2 No.

X-Ray illuminator

Size: 8x10 ~ 14x17"

Single view acrylic sheet of 2mm.

Fluent tube light with heavy duty switch.

7 Local/imported

12 No.

8	<p>Nebulizer Machine with Complete Accessories Make: USA / EU / Japan or Equivalent</p>	12 No.		
9	<p>Multipara Monitors The monitors should have bright, high resolution minimum 12 inch resistive Touch color TFT display. With 6 waveforms True Modular Systems Should be capable to Monitor Adult, Pediatric Neonatal. Patients Parameters to be monitored include ECG / Respiration, Non-Invasive Blood Pressure, Pulse Oximetry, Temperature, 2 x IBP and EtCO2 with Standard accessories Make: EU/USA/Japan or Equivalent</p>	12 No.		
10	<p>Digital ECG Machine Analysis and interpretation. Menu, Printout 1/3 channels with settable printout accuracy. Graphic menu, multilingual menu, continuous HR measurement presented on a screen, direct operation on an open heart, communication with PC via USB cable, Automatic paper loading system, thermoactive, with Standard accessories, CE / FDA Approved Make: EU/USA /Japan</p>	6 No.		
11	<p>Advance Dental Unit with Dental Chair Hanging hoses with swing in/out flexible self-supporting balance arm. air pressure gauge, individual air & water pressure control. Height of dentist element is adjustable. Instrument holder with arc edge design, more space for operation. Control panel should be used for operating functions, such as chair movement, preset and programmable positions. Equipped with: Three way syringe with quick disconnect tip for autoclave. Hand piece hoses for air turbine or air motor. LED type x-ray film viewer. Disk type with water on/off & chip blow system foot switch. Time cycle, Cup filler & bowl rinsing. High & Low volume evacuator (Air operated). Dental Light (Shadow less) 12V, 50 Watt. 28000 Lux to 18000 with dimer effect. Bulb Halogen, 12V, 50 Watt. Color temp 4500° K turn off automatically during chair movement, and turn back to the previous intensity when the chair stops Light on/off and intensity controlled through the touch panel. Patient Chair Fully oil less Electro mechanically chair Comfortable arm rests Smooth seamless upholster in a large selection of colors which can be disineffect easily. One touch pre-set memory position will be return on same position. One touch zero return system for patient engage. With electrical chair movement, double articulated headrest for adult as well as child and narrow backrest. Last memory position Lowest chair position can reach 380mm with emergency treatment position. Chair movement is controllable by dentist and assistant touch panels, as well as the multifunctional foot control programmable chair positions. One main switch to control air, water and power. Chair-instrument lock enables</p>	1 No.		

	<p>safe operation, the chair is locked while an instrument is working. With safety system, backrest and seat movement can be stopped once it meets obstacle.</p> <p>Working Stools Mobile on 5 castors Height of seat and backrest is adjustable. Backrest angel is adjustable and lockable.</p> <p>Accessories High Speed Air Turbing Slow Speed Air Motor with attachment Ultrasonic Scalar Kit Light Cure Unit LED Compressor Air IntakeCapacity : 150 L/min. Tank Capacity: 24L Delivery at 5 bar : 110 L/min. Working pressure: 8 bar Rev.: 1400rpm Power Supply: 230V/ 50HZ Make: USA/JAPAN/Europe</p>			
12	<p>Dental Scalar Multi-clinic piezo-ultrasonic generator that drives four modes through one single knob (Perio, Endo, Scaling and "Boost"). The module must includes an intelligent control system which adjusts continuously its output power, according to the resistance encountered by the tip and the mode selected (Feed Back System). Track and adapt continuously the vibratory frequency from 28 kHz to 36 kHz, (Auto-Tuning System). In real time, controls the amplitude control of the tips from 4 to 200 µm, (Push Pull System). Input Power supply : 24 VAC ±10%, 50/60Hz, 35VA, 35 VDC ±10%, 30Watt. Output Characteristics : Frequency 28 KHz to 36 kHz, Power 0.1 to 1 Watt @ Periodontal, 0.4 to 2.8 Watt @ Endodontic. Power adjustment through potentiometer or 5 VDC analog input.</p>	1 No.		
13	<p>Steem Auto-claves B, S and N sterilization cycles with thermodynamic vacuum Manual water charge Large graphic display More than 18 electronic process controls Data transmission through serial port Bowie & Dick test cycle Programmed start Turning trays support (for 5 trays or 3 cassettes) Process evaluation system Integrated data printer (optional) Preset PC connection: the serial port Bowie & Dick test cycle Vacuum test cycle (for testing air leakage rate in accordance with EN 13060) Special cycle, user-programmable and accessible via access code Country of origin USA/EU/Japan or Equivalent</p>	4 No.		
14	<p>Baby Warmer Infant warmer with fixed height with a LCD control panel at eye-level for a good visibility of data and alarms. Large and continuous tilt positions (+17°/-10°). X-Ray tray under the bedding to take X-Rays without moving the baby and 90° swivel hood to simplify taking X-Rays. 4 swivel type castors, 2 with brakes for easy</p>	4 No.		

	<p>maneuverability. Radiant heating by low temperature glass ceramic emitter combining mild heat and reactivity; Fast temperature rise with a heating power of 1,000W. Uniform warming over the entire bedding area; Air Temperature from 20°C to 39°C (with secure access under 28°C and above 37°C); Skin Temperature from 35°C to 38°C (with secure access above 37°C); APGAR Timer with double 'beep' at 1, 3, 5, and 10 minutes; Audio and Visual alarms with advanced management. For the comfort of the neonate and the medical team, alarms are classified in 3 urgency levels, with specific audio and visual characteristics for each, depending on the degree of urgency of the action. Memory of shape mattress head/shoulders rest with adapted mattress. Pivoting storage space with 2 drawers and rear shelf. Wrist/Ankle fixation (pack of 12). Make: EU/USA /Japan or Equivalent</p>			
15	<p>Incubator Microprocessor Control.temperaturecontrol. LED digital display to show actual PV and preset chamber. Over temperature safety device.99 hours electronic digital timer.Temperature 300°C.resolution 1°C. LED 3 digit display . 0.1°C stability Stainless steel interior and powder coated exterior. Capacity 36 Liters .chamber size : 330x330x330. 2 x shelves Make: USA / EU / Japan. CE / FDA Approved</p>	6 No.		
16	<p>HbA1c Machine MEMORY:250 methods FLUDIC:Peristaltic pump LIGHT SOURCE:Digitally controlled halogen lamp WAVELENGTH:6 standard interference filters (340, 405, 505, 546, 578, 630 nm) + 2 optional filters PHOTOMETRIC RANGE:from 0.0 to 3.0 of D.O. FLOW CELL:Optional flow cell with 10 mm light path DELAY TIME:Preprogrammed 4 sec. REACTION VOLUME:300 µL min. per test TEMPERATURE:Programmable between 15°C and 45°C INCUBATOR:8 positions INTERFACE:Graphic display 240x128 px with numeric keyboard PRINTER:Thermal 24 colums CONNECTION:USB optional POWER SUPPLY:110-240 Vac 50/60Hz with internal fuse Make: EU/USA /Japan</p>	1 No.		
17	<p>Stretcher Trollyes Complete frame made of M.S Pipe, Removable stretcher top having Stainless Steel curved top, provided with oxygen cylinder holder, Mobile on 7" heavy duty castor wheels. Local / Imported</p>	20 No.		
18	<p>Drip Stands Stainless Steel Column with telescope adjustment, Four port IV rod of stainless steel wire. Local / Imported</p>	100 No.		
19	<p>Wheel Chairs Standard steel wheelchair Imported</p>	20 No.		
20	<p>Baby Weighing Machine Digital scale with large LCD display. Strong and durable steel comfortable platform.</p>	6 No.		

	Make: Japan/ Taiwan/ Korea			
21	Adult Weighing Machine Capacity: 160Kg. Accuracy of 500gm. Both kg and lb. scales. Imperial and metric height measurement fitted to machine. Medical Graded Make: Japan/ Taiwan/ Korea	6 No.		
22	Suction Machine Heavy Duty ABS anti-shock case. Four antistatic castors, two of which with brakes. Vacuum gauge for the control of vacuum. Vacuum regulation. Two jars, 2 lt. capacity made of Makrolon autoclavable. Each jar with double security valve, Power supply 220V/50-60Hz. Power (1,170A). Suction power 90 l/min. Operating cycle 180min ON 30 min OFF. Max vacuum 0,90 bar - 675 mmHg -90 kPa. Noisiness 57,2 dB Make: EU/USA/Japan or Equivalent	12 No.		
23	Infra Red Body Thermometer Measures in Celsius or Fahrenheit mode with temperature range: -50°C to 380°C /-58 °F to 716°F with ± 1.5°C instrumental error. Easily handle : simply point at what you want temperature recording for and pull the trigger, temperature data show on the LCD screen immediately. Built-in red laser for precisely aiming. Distance Spot Ratio: 12:1, and Response Time with 500ms for instant Result Readout. Portable and anti-slip design to make it easily operated to get the temperature outdoor and indoor. FDA, FCC, CE Approved Make: EU/USA/JAPAN or Equivalent	12 No.		
24	Infusion Pump <ul style="list-style-type: none"> • Volumetric Infusion Pump (peristaltic) for standard PVC or PVC free sets • Flow Rate: 1 – 999.9 ml/Hr in 0.1 ml/Hr increment • Infusion Volume Selection (VTBI): 1 – 999.9 ml in 0.1 ml steps • Infusion Time Limit: 1 min to 99h 59min in 1 min steps • Occlusion pressure programmable in 10 steps from 100 – 1000 mBar • Continuous analogue display of line pressure • Bright LED Display: • Flow Rate; Infused Volume; Volume to be Infused; Volume Balance; Infusion Time; Remaining Time; Pressure Bar Graph; Battery Capacity; Occlusion Level; • To be operated with standard infusion sets (all leading brands) 5 hours battery backup time • ALARMS: Occlusion Upstream/Downstream; Air Bubble; Drops Missing; Too Many Drops; Container Empty; End of Infusion; Stand by; Low Battery/Battery Empty; Service; Technical Failure; Make: UK/USA/EEC/Japan/Korea	2 No.		
25	Instruments Trolleys Stainless steel trolley with plastic drawer internally divided in 4 sectors. 2 shelves with up stands on four sides. Revolving rubber castors Ø 80 mm (two with brake). Made from imported stainless steel, Rust resistant and Satin finish	24 No.		
26	Medicines Trolleys Local / Imported	6 No.		
27	Emergency Crash Trolleys	6 No.		

	Trolley with Accessories Options IV Pole, Defibrillator Shelf, Oxygen Tank Holder, CPR Cardiac Board, Sharps Container Sets, External Power Strip Holder, Waste Container, Glove Dispenser, Bottle Holder, Drawer for Tray Imported			
28	Electric POP Cutter Frequency of swing: 12500'/min Input power: 125W Non-load Noise: 84dB Voltage: 220V/60HZ Weight: Approx 1.5 Kg Length: 250mm Operating Temperature: 5-40°C Humidity: ≤80% Origin : EU/USA/JAPAN or Equivalent	1 No.		
29	Diathermy Machine with Digital Display High frequency surgical diathermy for mono polar and bi polar cutting and coagulation for use in general surgery, ENT, Gynecology, Urology, Orthopedic, etc. Output frequency 300Khz Output power 300 W Monopolar cutting 300 W Blend: 230W or more. Monopolar coagulation crest 120 Spray 120 Bipolar Cutting Bipolar coagulation : 70 W or more Complete with following accessories: Power cable, Monopolar Footswitch, Bipolar Footswitch, Reusable Diathermy pencil, Knife blade electrode straight 2.8cm or better with shaft, Loop-electrode diameter of 9mm or better with shaft, Titanium forceps , bipolar cable, Disposable patient plate & trolley CE / EEC Mark Make: USA/EU/Japan or Equivalent	2 No.		
30	General Surgery Set 42 Items Set (163 Pieces) Best Quality	2 No.		
31	DNC Set Local Export quality or Equivalent	2 No.		
32	C-Section Set Local Export quality or Equivalent	2 No.		
33	Water Bath Password protected control system Door with key lock Key operated mains power switch to protect the samples Audible and visual alarm system for : High and low temperature conditions - Power failure Temperature sensor failure - Open door Color of the display changes to red in case of any alarm condition Automatically rechargeable battery for alarm system Display of the actual temperature even at power failure Memory for the last 50 failures for easy servicing Remote failure diagnostics by means of NuveCloser™ software Sending e-mails up to five e-mail addresses with the details of failure Standard remote and central alarm ports Optional AlerText™ SMS alarm system for ultimate security Optional NuveWarn™ remote alarm system	2 No.		

	Power Supply: 600w to 1600 w																																		
34	Juster 100 micro drop	1 Each																																	
35	Juster 500 micro drop	2 Each																																	
36	Juster 1000 micro drop	3 Each																																	
	<p>Dialysis Unit complete with RO System for Six Chairs/Systems</p> <ul style="list-style-type: none"> • Large Vertical Display 10.4 inch LCD Touch Screen • Automatic Power Back-up UPS System • Hot Water Disinfection System • Profiling <ul style="list-style-type: none"> ○ Ultra-Filtration ○ Conductivity ○ Blood Flow ○ Heparin Infusion ○ Bicarbonate • Kt/V Monitor • Heat Exchanger • Digital Display of Parameters with Graph • Real Time Monitoring of Dialysate Flow on LCD Screen by Flow Diagram • Alarm Display with History • Selection of Three Types of Dialysis Solution • Arterial / Venous Chamber Level Adjustment • Maintenance Window to monitor the Operation of Each Function • Blood Volume Monitor (Optional) • Blood Pressure Monitoring System (Optional) • Data Communication Output Connection (Optional) • Bi-Cart System (Optional) • Chamber Level Adjustment (Optional) • Sodium Chloride Infusion Profile (Optional) • Hemo-Diafiltration (Optional) • Endo Toxin Cut Filter Assembly ETRF (Optional) <p>RO System</p> <ul style="list-style-type: none"> • Designed on Feed Water with TDS of 1000 ppm <p>Operating Specification</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 40%;">Product (Permeate)*</td> <td style="width: 10%;">:</td> <td style="width: 10%;">08 LPM</td> <td style="width: 30%;"></td> </tr> <tr> <td>Reject (Waste)</td> <td>:</td> <td>22 LPM</td> <td>Feed</td> </tr> <tr> <td>Water</td> <td>:</td> <td>30 LPM</td> <td>Recovery</td> </tr> <tr> <td></td> <td>:</td> <td>26%</td> <td></td> </tr> <tr> <td>Salt Rejection</td> <td>:</td> <td>99 %</td> <td></td> </tr> <tr> <td>Operating Pressure (3rd Year)</td> <td>:</td> <td>160 psi</td> <td></td> </tr> <tr> <td>No. of Membrane (4" x 40")</td> <td>:</td> <td>02</td> <td></td> </tr> <tr> <td>Inlet Size</td> <td>:</td> <td>¾"</td> <td></td> </tr> </table> <p>Specification</p> <ul style="list-style-type: none"> ▪ Multistage Pump Three Phase ▪ Powder Coated Aluminum Frame ▪ Pump Throttling Valve ▪ R.O. Membrane BW30-4040 ▪ Pressure Vessel ▪ 5-Micron Sediment Pre-Filter ▪ Automatic Feed Water Shut-off Valve ▪ Concentrate Control Valve ▪ Concentrate Pressure Gauge ▪ Low pressure cut-off switch 	Product (Permeate)*	:	08 LPM		Reject (Waste)	:	22 LPM	Feed	Water	:	30 LPM	Recovery		:	26%		Salt Rejection	:	99 %		Operating Pressure (3 rd Year)	:	160 psi		No. of Membrane (4" x 40")	:	02		Inlet Size	:	¾"			
Product (Permeate)*	:	08 LPM																																	
Reject (Waste)	:	22 LPM	Feed																																
Water	:	30 LPM	Recovery																																
	:	26%																																	
Salt Rejection	:	99 %																																	
Operating Pressure (3 rd Year)	:	160 psi																																	
No. of Membrane (4" x 40")	:	02																																	
Inlet Size	:	¾"																																	
37		04 Nos																																	

- 440 VAC / 50 Hz Motor
- Permeate Flow Meter
- Concentrate Flow Meter
- Electric Console

Pretreatment System

Automatic Multimedia Sand Filter	01
Vessel Size : 13" x 54"	
Automatic Activated carbon Filter	01
Vessel : Fiberglass 13" x 54"	
Automatic Water Softener	01
Vessel : Fiberglass 16" x 65"	
Booster Pump with Pressure Kit (Italy)	01
Sediment Filter	02
Size : 20" x 2.75"	
Filter Cartridge	02
Size : 19.75" x 2.5"	
Re-pressurize Pump (Italy)	01
U.V. Filter Water Sterilizer	01
R.O. Storage Tank	01
Material : PVC	
Capacity : 200 Gallons	

ReProcessor

Water Quality: Must meet ANSI/AAMI RD-62 and RD-67.

Feed Flow: 2 to 4 liters/minute at 25 psig.

Dialyzer Reprocessing Type: All Types.

Process: Automatic Cleaning, Volume Measuring, Leak Testing and Chemical Filling.

Reprocessing time: Approx 10 minutes/cycle.

Water consumption: Approximately 25 liters/cycle.

Dialyzer reprocessing Program

LF (Low Flux),

MF (Medium Flux),

HF (High Flux)

Other programs: DF (Disinfection),
FR (Force Rinse),
ST SC (System Cleaning)

Display Type: VFD (Vacuum Fluorescent Display)

Manufacturing standard: ISO 9001:2008, ISO 13485:2003

Onsiteconcentratemanufacturingsystem

Concentrate systems mixing tank is designed to accommodate 110 gallon batch size or better. The system is designed to be compatible with either a central delivery system or for use with individual jugs

ErgonomicDesign

With user safety in mind, the mixer features:

*Minimumheight

*Powderadditionaccessconvenientlylocated

* On average, case weight is less than 40 pounds

In-Line monitors (Critline)

Superior Fluid Management

See real-time plasma refiling and achieve ideal dry weights. Comprehensive Access Monitoring Provides fast and easy access blood flow readings with no blood line reversal.

AnemiaManagement

Non-invasively measures absolute hematocit (CLIA exempt) and calculates hemoglobin from hematocit.

ContinuousOxygenSaturation

Providescontinuous,accuratemeasuresofoxygensaturation. StandardSpecifications:

Instrument Range

Hematocit(Hct): 10Hct-60Hct Oxygensaturation:55%-100% (Hct>10)

HematocitAccuracy

10Hct-60Hct:±1HctSD

OxygenSaturationAccuracy

55%-100%:±2Sat%Hct>18

AccessBloodFlow

Estimate flow rates

50 ml/min - 2500 ml/min ± 15 % RecirculationCapability

Estimaterecirculationvalues>4%

BatteryCapacity

2 hours continuous on full charge

HDBloodFlowRateCapability50 ml/min - 1300 ml/min

InternalDataStorage

Sufficient to store up to 26 hours of data indefinitely

Input

12VDC/1Ampere/12watts1.2Amax.

Power Supply Unit

Universal regulated supply

100 VAC - 240 VAC

12VAC/1.25Ampereoutput

CommunicationsPorts

8-positions keyed modular jack(keyedRJ-45)serialport

DBfemaleparalleport Electric Shock Protection ClassII

Internally powered

Type BFWaterProtection Splashproof AnestheticSuitability

Notsuitable

Mode of OperationContinuous

BatteryType:Rechargeablesealedleadbattery(12V,2A-

h)Batteryisreplaceable

Polarity:±(labeledonbattery) Mode of insertion: Via 2 pin

Molex connector (replaceable)

Weighing scales

Digital Weighing scale with automatic BMI

calculationBatteryoperated

upto16000weighingperbatteryssetwith transport

casteswithlargeeasytoreadLCDdisplaywithHOLD.

BMIfunctions. Capacityup to250Kggraduation100g

Make: UK/USA/EEC/Japan/Korea

ICU Ventilators

Microprocessor controlled ICU Ventilator for Infant to Adult, Invasive and Non Invasive Applications. State of the art Ventilator with 15" Touch Screen Color Display for easy and user friendly operation. The system fixed on

38

01No

robust trolley with two lockable wheels for fixed position on floor. Ready to upgrade in future

General Specifications

Patient Range: Infant to Adult

Breathing Classifications:

Pressure controlled/Volume Control/Time Cycled

Modes of Ventilation:

Volume Control (VC)

Assist CMV

Pressure Control (PC)

Pressure support

CPAP (NIV)

SIMV + Pressure support

Spontaneous

Measurement Range:

Tidal Volume: 05 - 3000 mL

Respiratory Frequency: 1 - 150 bpm

Peak inspiratory pressure: 0 - 80 cm H₂O

Inspiratory pressure: 0 - 60 cm H₂O

I.E. ratio: Max inverse 4:1

PEEP: 0 - 45 cm H₂O

FiO₂: 21 - 100%

Slope/Rise: Manual Adjustment

Flex Cycle Expiratory Thresh Hold

Monitoring Parameters with Digital/Graphical Display:

Total breath rate

Oxygen Concentration FiO₂

Expired Tidal Volume

Expired minute volume

I.E ratio

Peak pressure

Mean pressure

Base pressure (PEEP)

Total Peep

Cdyn Effective

C-Stat

Ri, Re

VTI, VTe, VTeVarient

NIF

Mvi, MVe, MVeSpont,

Insp Flow, Exp Flow

I:E Ratio, Inspiratory Time, Time Constant

RRtot, RR spon,

RSB, WOBimp, FIO₂,

Other Control and Functions:

Back up apnea ventilation

Microprocessor control unit

Breath circuit Compliance Compensation

Expiratory hold / Inspiratory hold

Pressure and flow trigger sensitivity

Mounting on trolley with lockable wheels

Pause, Flow Wave Pattern, Sigh

Leak Compensation

Alarms:

Apnea

High and low expired minute volume
 High and low air way pressure
 FiO2 concentration
 Gas supply source
 Low battery
Power Supply:
 220V, 50 Hz AC
Built-in Battery: Internal chargeable battery backup min
 1 hr complete function of ventilation.
Compatible Compressor
Lung Mechanics and Graphical Display:
TFT/LCD monitor 15 inch Touch Screen
 Simultaneously display two wave forms for pressure,
 Flow, Volume.
 Loop Display/Volume/Pressure/Flow
 With monitoring of airway resistance, Lung compliance
Humidifier: Humidifier F&P with alarm for low / high limits
Patient Breathing Circuit: Autoclavable reusable patient
 tubing circuit with water traps in patient breathing circuits
 for neonatal, pediatric and adult application.
Nebulizer external
 Make: UK/USA/EEC/Japan/Brazil

SURGICAL INSTRUMENTS SETS 03 Sets Each
GENERAL SURGERY
ORTHOPEDICS
GYNAE
NEURO
EYE
ENT

39

ULTRASOUND MACHINE 03
 All Digital Broadband Beamformer for multiple scanning
 modes and wide verity of applications, High definition
 greyscale imaging, LCD Flat-panel flickerless, Cineloop
 review, Easy to learn and use control, single button
 patient optimization, Lightweight, easy to move ergonomic
 design Ergonomically adjustable control panel and
 monitor, 2D Focusing with Dynamic Focal Tuning, Digitally
 Processed Channels, 150dB System Dynamic Range,
 Integrated CD Drive.
Imaging Modes:
 2D Imaging, Tissue Harmonic Imaging, M-Mode, Pulsed
 Wave Doppler, Freehand 3D, Dual 2D Image mode with
 Cine loop, Duplex mode for Simultaneous 2D and
 Doppler, High Resolution Write Zoom, Trapezoidal
 Imaging
Clinical Application Software
 Including:
Obstetrical Analysis:
 Fetal Biometry Biophysical Profile, Amniotic Fluid Index
 Early Gestation Fetal Long Bones Fetal Cranium Nuchal
 Translucency (Nuchal Fold) Multiple Gestations upto 4
 Feruses Fetal Heart M-Mode Maternal Uterine Artery
 Placenta Artery Fetal Echo User's Selectable Tables and
 Equations User's Defined Tables and Equations Obstetric
 Tendering
Fetal Doppler:

40

1No

	<p>Fetal Carotids MCA Umbilical Artery Fetal Aorta Ductus Venosus</p> <p>Gynaecology: Gynaecology/Fertility Uterus Cervix and Endometrial Thickness Left and Right Ovaries Left and Right Ovarian Follicles Ovarian Artery</p> <p>Vascular: Cerebrovascular Peripheral Vascular</p> <p>Urology: Prostate Volume TZ Prostate Volume Bladder Volume and Residual Volume Kidney Volume, Volume Flow</p> <p>Other: Paediatric Hip Joint</p> <p>Linear Transducer: Broadband Linear Array Transducer with 9 – 5 MHz operating frequency range, Provides high resolution images for Superficial Applications including Vascular, Small Parts, and Musculoskeletal Imaging, Supports 2D, Tissue Harmonic Imaging, Color and Pulsed Wave Doppler, Biopsy Kit Available</p> <p>Curved Transducer: Broadband Curved Array Transducer with 5 – 2 MHz operating frequency range, Provides high resolution images for Abdominal, and OB/Gyn Applications, Supports 2D, Tissue Harmonic Imaging, M-Mode, Color and Pulsed Wave Doppler, Biopsy Kit Available.</p> <p>Black and White Printer: Internally mounted and remote controlled, medical grade high resolution Black and White thermal printer for image documentation Make: UK/USA/EEC/Japan</p>			
41	<p>Generator 150kW</p> <p>Installation of Walk Through Gates, CCTVs system & establishment of Control Room</p> <p>Walk Through Gates: Pinpoint Detection Capability (Left, Center, Right) 18 independent distinct Zones Each horizontal zone divided into three further zones (left, right and center). Two separate independent displays (on legs as well as header unit) Continuous wave technology (Scans 80 times faster than pulse technology) Integrated floor mounting boots. 180 degrees view angle panel LED's Operating Temperature -04 to 70 degree Centigrade. Power supply fully automatic (100 to 240 VAC) No rewiring switching or adjustment 8-12 hours battery back-up. IR Sensor for outside interference protection. Temper Proof. Two level protection for unauthorized access. Key lock and password 24 independent programs to meet all installation specific and user define.</p>	2 No.		
42	<p>Latest Continuous wave multiple sensor measurement/technology.</p>	01 No		

LED display on the header panel as well as on the side panels.

Multi zone system with true pin point detection capability.

HAGC system to ensure uniform detection

It can be demonstrated and practically counted the total no. of zones by means of separate independent lights.

Archway inside: 75cm wide 200cm high 50cm deep

Overall outside: 87cm wide 220cm high 50cm deep

CCTV and RECORDING SYSTEMS

DIGITAL VIDEO RECORDER:

Support 16-Channel 960H Resolution

Support 4TB 1 HDD

PIP (Picture In Picture)

User Interface: Graphic User Interface (OSD)

OS: Embedded Linux

Operation Mode: Preview, Record, Playback, Backup, Network

Password Security: Multi-Level User Management

Video Input: 16-Channel in, BNC

Support Audio: 4 in 1 Out & Alarm 8 in 1 Out

Video Output: HDMI (1920 x 1080), VGA & BNC simultaneously

VGA Output Support: 800x600, 1024x768, 1280x1024, 1366x768, 1440x900, 920x1080

Video Standard PAL/NTSC

CVBS Main Output 1 out BNC; Resolution: PAL: 704x576, NTSC: 704x480

Video Compression H.264

Display Frame Rate PAL: 960x576@25fps (each channel), NTSC:960x480@30fps (each channel)

Video Encoding Resolution: PAL WD1:960x576 / WHD1: 960x288 / WCIF: 480x288

NTSC: WD1:960x480 / WHD1: 960x240 / WCIF: 480x240 / 704x480 / HD1: 704x240

Video Frame Rate PAL: 1-25fps, NTSC: 1-30fps

Video Bitrate: WCIF: 384-768kb, WD1:768-1536kb, WHD1:512-1280kb, WQCIF: 192-384kb

Audio compression ADPCM

Recording Resolution: PAL: CIF/WCIF: 25fps, HD1/D1: 12fps, WHD1/WD1: 9pfs

NTSC: CIF/WCIF: 30fps, HD1/D1: 14fps, WHD1/WD1: 10pfs each channel

Playback Simultaneously: 1/4/8 CH optional (PAL: CIF/WCIF: 25fps, HD1/D1:

12fps, WHD1/WD1: 9pfs,

NTSC: CIF/WCIF: 30fps, HD1/D1: 14fps, WHD1/WD1: 10pfs each channel frame)

Record Mode: Audio & Video recording simultaneously

Network Protocol Support IE/PPPoE/DDNS/DHCP

Domain Name Server Support 3322, dyndns, no-IP, change IP, dnsexit, server as default

Mobile Phone Monitor: Support Android

Phone/iPhone/iPad/Windows Phone/Blackberry

Network: 1 RJ45 10M/100M

Serial Port: 1 RS-485 serial port

USB Connector: 2 USB

Firmware Update Support USB update/Network update
 Operation Temperature -10°C - +55°C
 Power Supply DC12V 2A
 Region: USA or Equivalent
CCTV CAMERA SPECIFICATION:
 Pickup Device: 1/3 Crystal View
 TV System: PAL/ NTSC
 Total Pixel: PAL 987H x 567V, NTSC 967H x 494V
 Horizontal Resolution: 800-TV LINES
 Mini Illumination: 0-Lux (LED ON)
 S/N Ratio: 48db
 SYNC Mode: Internal
 Scanning System: 2:1 Interlace
 Electronic Shutter: PAL 1/50 1/100,000sec NTSC: 1/60
 1/100,000sec
 White Balance: Auto
 Day/Night Switch: Auto
 Gain Control: Auto
 Backlight Compensation: Auto
 Infrared Spectrum: 850nm
 IR Range: 30-Meter
 IR LED: 36Pcs IR LEDs
 Focal Length: 3.6/6/8mm Fixed Lens (Optional)
 Operation Temperature: -10°C - +50°C
 Storage Temperature: -20°C - +60°C
 Input Voltage/Current: DC 2-Volt
 Outdoor IR Bullet Camera
 IP66 Certified
 Region: USA or Equivalent
ACCESSORIES:
 Hard Disk Drive 02-TB
 LED 32"
 Power Supplies DC 12-Volt
 Wiring, Installation, Testing & Commissioning Charges
 With Co-axial Cable RG-11,
 Power Cable 3x29, Duct, PVC Pipe, AV Lead, BNC & All
 Accessories

Air Conditioners Split 1.5ton DC Inverter

BTU Capacity (18000BTU)
 BTU/H Capacity (Heating) 22550
 Output Capacity (Cooling) 5600
 Power Input (W) (Cooling) 2100
 Auto Voltage Adaptation 150V-260V
 Compressor W5300
 Low Voltage Startup 150V
 Eco Friendly Refrigerant R410A
 Energy Efficient Class A+ 60% Electricity saving
 BTU/H Capacity (Cooling) 19100
 Output Capacity (Heating) 6600
 Power Input (W) (Heating) 2200

43

30 No.

Floor Mounted Air Conditioner 2.5ton DC Inverter

44

4 No.

Heavy Duty Stabilizers

In/Out Meter Circuit Breaker
 Circuit Breaker with 3 Relay -2 Meter
 Input V 150
 Watts 10000W or Above

45

40 No.

46	Stablizers (for Referigerator) In /Out Meter Delay Time Circuit Breaker with 3 Relay -2 Meter Input V 150 Watts 2000W or Above	25 No.		
47	Large Electric Water Cooler 40 gallons	4 No.		
48	Standard Blood Bank Refrigerator <ul style="list-style-type: none"> • Stainless steel drawers with perforated bottom for proper air circulation • Easily drawn drawers • Plexiglass cover in the front of the drawers to prevent warm air entry and easy control of the blood bags • Plexiglass separators holding the blood bags in angled position for easy label reading • Chamber illumination with switch control • Temperature calibration port as standard • Password protected control system • Door with key lock • Key operated mains power switch to protect the samples • Audible and visual alarm system for : <ul style="list-style-type: none"> - High and low temperature conditions - Power failure - Temperature sensor failure - Open door • Color of the display changes to red in case of any alarm condition • Automatically rechargeable battery for alarm system • Display of the actual temperature even at power failure • Memory for the last 50 failures for easy servicing • Remote failure diagnostics by means of NuveCloser™ software • Sending e-mails up to five e-mail addresses with the details of failure • Standard remote and central alarm ports • Optional AlerText™ SMS alarm system for ultimate security • Optional NuveWarn™ remote alarm system Origin: EU/USA/JAPAN	1 No.		
49	Refrigerator Large Size climate class: T Voltage (V): 220V Frequency (Hz): 50Hz temperature of refrigerator: 5 C temperature of freezer: -25 C fast cooling: Yes Storage Period in Event of Power Failure (h): 100 Hours Noise level(dB): 42 Compressor Warranty: 5 Year or More Parts Warranty: 1 Year	4 No.		
50	Water Dispensars Storage Cabinet: Yes Refrigerator Cabinet: Yes Cabinet Capacity(L): 14 Display: LED Security Button: Yes Hot Water Power consumption(W/A): 500 Cold Water Power consumption(W/A): 80 Hot Water Capacity(L/H): 1.5 Cold Water Capacity(L/H): 3.5 Hot Water Temperature(°C): 88 - 95	12 No.		

	Cold Water Temperature(°C): 6 - -10		
51	<p>Centifuge Machine Maximum Speed 5.000 rpm Maximum RCF 2.822xg Tube Capacity 12x15 ml. Control System Programmable Microprocessor Control Speed Set Range 1.000-5.000 rpm Speed Set Step 10 rpm Timer Set Range 1-99 Minutes and Hold Position Timer Set Step 1 minute Motor Induction Motor Body, Lid And Chamber Epoxy-Polyester Powder Coated Steel Power Supply 230 V / 50-60 Hz (115 V / 60 Hz) Power Consumption 150 W Origin: Europe / USA / Japan or Equivalent</p>	6 No.	
52	<p>Management Information System (HMIS) OBJECTIVES OF THE PROJECT. One of the key goals of the project is to provide better health care facilities to patients, which, in turn, will greatly help improve the image of Syed Abdullah Shah Institute of Medical Sciences (SASIMS) in the eyes of the general public. The HMIS will streamline patient information flow and its accessibility for doctors and other health care providers as well as policy makers. It will provide a common source of information about a patient's health history. It will enhance the ability of health care professionals to coordinate care by providing a patient's health information and visit history at the place and time, where and when it is needed.</p> <p>Following objectives/services are to be delivered to enhance Citizens comfort & gain their confidence:</p> <ul style="list-style-type: none"> •Improve medicines availability in Syed Abdullah Shah Institute of Medical Sciences (SASIMS). •Integrate doctors, paramedical staff, medical equipment, beds and patient data in a closed-loop interactive environment and effectively contribute in providing quality health care services by accumulating and accessing information across the entire spectrum of Hospital infrastructure. •Digitally record all standard transactions in the hospital by means of HMIS software. •Reduce the number of errors that occur in processing by incorporating all possible validation techniques in HMIS •Facilitate optimal utilization of physical, financial, human, and healthcare resources of SASIMS. •Digitally produce all reports according to the standard specifications including electronic services • Provide better healthcare services to patients <p>•Generate reliable health information to manage and evaluate</p>	01No	

health services

- Reform the health administration to make it accountable to the public
- To enhance data security and data compilation protocols through online transfer of data, which will diminish errors and promise authenticity of data
- Facilitate accurate record keeping and effective management of medical equipment at SASIMS.
- Realistically establish and vigilantly practice stock control parameters for medical stores/pharmacies, like reorder point, maximum level, minimum level, past and impending usage of medicines, lead time, etc., to meet the two opposing needs of inventory control; maintenance of an inventory of sufficient size and diversity for efficient operations and maintenance of a financially favorable inventory
- Provide total visibility of medicine stocks; on hand, on order, in-transit etc,
- Reduce paperwork
- Develop a comprehensive database with expanded networking capabilities that would provide management with relevant, timely, and reliable information to make prompt and rational decisions
- Facilitate effective monitoring of allocations under various budget heads reporting promptly any noteworthy deviations from the authorized budget
- Help obtain the right item from the right source at the right price and quality
- Provide the ability to carry out quick consumption/trend analysis
- Maintain tight operating and auditing controls
- Provide a well defined audit trail with virtually unlimited history of transactions/patient history
- Institutional development and capacity building of SASIMS personnel, administrators, doctors, specialists, paramedical and support staff
- Improve the image of SASIMS in the eyes of society, particularly patients
- Provide easy-to-use inquiries and reports to better serve the patients as well as to monitor performance of doctors and paramedical and support staff.

SCOPE OF WORK

The proposed Integrated Hospital Management Information System is intended to bring dramatic

improvement in health care by improving access to patient information through a central electronic information system. It has four major components that involve.

- Supply, Installation, Configuration, Customization, Deployment and Implementation of Web-based Application Software Product (the HMIS application) at SASIMS.
- Supply, Installation, Configuration and Commissioning of System Software (Database MySQL, Operating System Linux for Server and JBoss Application Server)
- Supply and installation of Computing Hardware (Servers and desktop PCs with pre-installed Windows 8) and Power Equipment (UPS, Stabilizer, etc.), Establishment of Networks, Laying of Electrical Cables and Establishment of Data Center equipped with ACs, Racks at SASIMS.
- Capacity Building and Training of concerned officers/doctors and staff of SASIMS.

The HMIS software product should be a powerful, flexible and easy to use application designed and developed to convey real conceivable benefits to hospitals and clinics. It should streamline the flow of information across the hospital. It should facilitate effective decision making for patient care, hospital administration/management and must streamline financial, logistics and HR functions in an optimized and efficient manner.

The HMIS software product should be a 3-tier enterprise level web based platform independent application developed using the latest Java/J2EE framework, JSF, JDBC, JSP, Rich Faces with Ajax at front end, EJB 3.x as Middleware, JBoss 5 or above as application server and MySQL, Entity Beans, latest JPA and Hibernate as Back End. The application should be HL-7 Compliant with Drug Interaction and ICD-10 implemented. It should also have AABB (American Association of Blood Bank Standard) compliant Blood Bank Module.

The main modules/ functionalities of the HMIS software application must include:

- Unique MR # generated Patient Registration with Biometric Facility
- Bar Code based Medical Card Printing Facility to simplify Data Entry and Patient Recognition
- OPD
- Appointment & Queuing
- Specialties/Consultants Clinic (Eye, ENT, Dental, Skin, Paeds Neurology, etc)
- In-Patient Management
- Ward Management
- Admission & Discharge
- Packaging & Billing
- Emergency Management
- Vaccination
- Pathology Lab covering

- Lab Reception
- Clinical Pathology
- Virology
- Chemical Pathology
- Hematology
- Immunology
- Microbiology
- Endocrinology
- Histopathology (Cytology, Postmortem, FNAC, Bone Marrow)
- Radiology
- Surgery/Operation Theater
- Blood Bank
- Pharmacy
- Cardiology
- ICU
- Medical Store Management
- Consultant Practice Income
- General Stores Management
- Equipment Management
- HR Management
- Payroll & Attendance Management
- Duty Roaster Management
- Diet Management
- Housekeeping
- Hygiene Management
- Transport(ambulance) Management
- Medical Board
- Mortuary
- General Ledger or Equivalent Software for Government Hospital
- Fixed Assets
- Accounts Payable
- Accounts Receivable
- EMR (Electronic Medical Record, HL-7 Complaint)
- Statistical & MIS Reports.
- Doctors Dashboard.
- Hospital Administrator Dashboard.
- System Setup & Configuration.
- Role-based Access & Security Administration.
- Password Change & Control.

FURNITURE & FIXTURE

53	Large Executive Glass Table with side table	1 No.		
54	Executive Revolving Chair	4 No.		
55	Sofa Sets (Seven Seating with central table) Made with foam 10 year warranty, Upper velvet cloth,	1 No.		
56	Emergency Room Beds Lying Area size 78" X 36", having four section perforated top of 16/18 Gauge in M.S Sheet, Back & Legrest adjustment with the help of cranks, Main frame should be constructed in pipe, Leg Frame made of 1 ½ X 1 ½" square pipe; Detachable Imported ABS Head and foot Boards, Imported Aluminum Collapsible Side rails press button locking mechanism with fine quality, 5" Imported Luxurious Castors (two Lockable), Scratch and Chip	20 No.		

	resistance Powder Coated epoxy paint finish, Complete with IV hole, urine hooks and Stainless Steel IV Pole.			
57	Matresses coated with Raxine Foam Mattress having size of 78" X 36" X 4" thick, Should be of 10 years warranty, complete with export quality Rexene cover, Master Molty Foam or Equivalent	100 No.		
58	Fowler Beds Lying Area size 78" X 36", having four section perforated imported ABS top or Imported ABS Patti top. Single fowler adjustment with the help of Cranks; Main Frame shall constructed in channel patti / Pipe of 3 inch or more. Leg section frame made of 1 1/2" X 1 1/2" square pipe; Imported Detachable ABS Head and foot Boards, Imported Aluminum Collapsible Side rails with push button locking mechanism of very fine quality, Imported Luxurious Castors (two Lockable) of 5 inch, Scratch and Chip resistance Powder Coated epoxy paint finish, Complete with IV hole, urine hooks and Stainless Steel IV Pole.	25 No.		
	Local / Imported / Export quality			
59	Students Desks	100 No.		
60	Computer Cabinets	18 No.		
61	Foam Office Chairs	100 No.		
62	Bed side Lockers	100 No.		
63	Stainless Steel Benches (Three Seaters)	50 No.		
64	Iron Recks	80 No.		
65	Office Tables	50 No.		
66	White Boards	12 No.		
67	Revolving Stools	100 No.		
68	Office Chairs with arm wooden	100 No.		
69	File Cabinet Standard size	12 No.		
70	Stainless Steel Chairs for visiting areas	70 No.		
71	Examination Coaches	25 No.		
72	Ward Screens	25 No.		
HARDWARE (COMPUTER ACCESSORIES)				
73	Laptops (HP Notebook) Core i7, RW 52x or higher, 4 to 8 gb Ram, Hard Drive 250gb or Higher 4mb cache or higher. Make. HP / Dell / IBM	2 No.		
74	Computer Core i3 / i5 / i7(Tower) with LCD Technical Specifications Motherboard: Intel / Assus / Processor: Intel Core i7 GHz (10MB CACHE). Hard Disk (HDD) 500GB SATA HARD DRIVE 64MB CACHE Memory (RAM) 4GB DDR 3 Optical Drive DVD RW SATA 24X PC Casing LEGEND THERMAL HT SUPPORT (WITH NORMAL PSU) LCD Monitor LED 17" Resolution: 13,66 x 768, Panel type: TN Color Support: 16.7M, HIGH GLOSSY Keyboard: Standard Keyboard with USB port Mouse: Optical Scroll Mouse	6 No.		
75	Printer Laserjet Processor Speed 1200MHZ First Page out: less then 9sec. 1 sheet legal size manual feed USB 2.0 Hi-Speed , Ethernet 1 Gigabit 38ppm (A4) printing	8 No.		

	<p>speed True 1200, 600dpi resolution 2400 x 600dpi equivalent with Automatic Image Refinement Technology Paper Handling : 100-sheet multipurpose Tray 1, 250-sheet input Tray 2, Optional third 550-sheet tray</p>			
	<p>Scanners with Printers Print, copy, scan, fax First page out (ready) black As fast as 7 sec Resolution (black) Up to 1200 x 1200 dpi Resolution technology FastRes 1200, ProRes 1200 Monthly duty cycle Up to 30,000 pages Recommended monthly page volume 250 to 2500 [13] Print Technology Laser Display 2.7-in touch screen, LCD (color graphics) Print languages PCL5c; PCL6; PS; PCLmS; PDF; URF; PWG Automatic paper sensor No Paper trays, standard 1 Main tray and plus 10 sheet priority tray Paper trays, maximum 1 Main Tray plus 10 sheet priority Mobile Printing Capability ePrint; Wi-Fi Direct printing; AirPrint 1.5 with media presence sensor; Google Cloud Print™ 2.0; NFC touch-to-print enabled Connectivity, standard 1 Hi-Speed USB 2.0; 1 Hi-Speed USB 2.0 (host); 1 Ethernet 10/100Base-TX; 1 phone line (in); 1 phone line (out); Wireless, NFC Connectivity, optional Standard (built-in Ethernet, Wi-Fi 802.11b/g/n) Ports 1 Hi-Speed USB 2.0; 1 Hi-Speed USB 2.0 (host); 1 Ethernet 10/100Base-TX; 1 phone line (in); 1 phone line (out) Security management Password-protected network embedded Web server; enable/disable Network ports; SNMPv1 community password change</p>			
76				4 No.
	<p>UPS for Computer Capacity 600VA Input voltage 145 VAC - 290 VAC Output 195VAC - 255VAC Output waveform Stepped wave during the b/up mode Output frequency 50 Hz Battery rating 12V / 7.2Ah Backup time 10 - 15 minutes Noise level Less than 45dB Operating temp 0 - 50 deg C Humidity 10-90% (Non condensing) Dimensions 310x92x140 mm Weight Less than 5Kgs</p>			
77				10 No.
78	Fax Machine			4 No.

	<p>High Speed 10ppm Laser Print Speed Quality Laser Printing and Copying Caller ID ready High-Speed Fax Transmission Error Correction Mode (ECM) Dual access operation 150-Page Document Memory Junk Fax Prohibitor. 10-ppm Laser Printing (A4) Delivers crisp laser printouts at fast rate of 10 pages per minute. 600 x 600 dpi Printing Resolution Clear and crisp printouts are available for printing and copying. Caller ID Ready Printing Resolution: 600 x 600 dpi Document Memory: 150 Pages or Above</p>			
79	<p>Multimedia Projector Lens: Type: Optical zoom (Manual) / Focus (Manual) F-Number: 1.51 - 1.99 Focal Length: 18.2mm - 29.2mm Zoom Ratio: 1 - 1.6 Throw Ratio: 1.38 - 2.24 (Wide - Tele) Lamp: Life (Normal/Eco)*1: 3,500 hours / 5,000 hours Type: 245W UHE Contrast Ratio: 3000:1 White Light Output (Normal/Eco): 4,200lm / 2,730lm Colour Light Output: 4,200lm Read more at https://www.epson.com.sg/For-Work/Projectors/Corporate-and-Education/Epson-1930-XGA-3LCD-Projector/p/V11H506052#vHcd2ooLP7z9mubP.99 Operating Temperature: 5°C - 35°C < 41°F - 95°F> (20% - 80% humidity, unfrozen) Read more at https://www.epson.com.sg/For-Work/Projectors/Corporate-and-Education/Epson-1930-XGA-3LCD-Projector/p/V11H506052#vHcd2ooLP7z9mubP.99 Operating Altitude: 0m - 2,286m <0ft - 7,500ft> (over 1,500m / 4,921ft: with High altitude mode) Read more at https://www.epson.com.sg/For-Work/Projectors/Corporate-and-Education/Epson-1930-XGA-3LCD-Projector/p/V11H506052#vHcd2ooLP7z9mubP.99</p>	1 No.		
80	<p>Making of Ambulance Toyota Hiace with all accessories and Equipments.</p> <p><u>Work Details:</u></p> <p>Sliding/Fix stretcher</p> <p>Oxygen cylinder kit complete with O2 flow meter and humidifier.</p> <p>First Aid box complete</p> <p>Emergency lights on roof complete with siren and hotter</p> <p>Stickers on outer body, mentioning name of each respective THQ Hospital and word "Ambulance" on front and back.</p>	03No		

Attendant seats

Complete flooring

With all accessories equipments with kits, cylinder and resuscitating equipment complete with lights and other fixture like dustbin.

In hooks, cervical neck collar, face mask necessary for the ambulance.

Optional Items

i. AED Defibrillator.

Make: UK/USA/EEC/Japan.

ii. Suction Machine

Oil free, piston pump for ambulance use.

Make: UK/USA/EEC/Japan.

iii. Multiparameter monitor

ECG /SpO2/NIBP/RESP/TEMP

81	Solar System 3KVA 300watts 08-10 panel 3KVA inverter	5 No		
82	Solar System 5KVA 300watts 15-18 panel 5KVA inverter	20 No.		
83	Battery 200AH dry cell for solar	100 No.		

3. CONTRACT FORM

THIS CONTRACT is made at _____ on _____ day of _____ 2017, between the Director Syed Abdullah Shah Institute of Medical and Sciences Sehwan (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 also referred to individually as "Party" and collectively as the "Parties").

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

WHEREAS the Purchaser has accepted the bid by the Supplier for the supply of (item name) in the sum of Rs (amount in figures and words) cost per unit, the total amount of (quantity of goods) shall be Rs (amount in figures and words).

NOW THIS CONTRACT WITNESSETH AS FOLLOWS:

1. In this Contract words and expressions shall have the same meanings as are respectively assigned to them in the General Conditions of this Contract hereinafter referred to as "Contract":
2. The following documents shall be deemed to form and be read and construed as an integral part of this Contract, viz:
 - a. the Price Schedule submitted by the Bidder.
 - b. the Schedule of Requirements;
 - c. the Technical Specifications;
 - d. the General Conditions of Contract;
 - e. the Special Conditions of Contract;
 - f. the Purchaser's Notification of Award; and
 - g. the Purchase Order
3. In consideration of the payments to be made by the Purchaser to the Supplier/Manufacturer as hereinafter mentioned, the Supplier/Manufacturer hereby covenants with the Purchaser to provide the goods namely and to remedy defects therein in conformity in all respects with the provisions of this Contract or make replacement of defective goods, as the case may be, without any additional charge, to the satisfaction of the Purchaser.
4. The Purchaser hereby covenants to pay the Supplier in consideration of the provision of the Goods and Services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of this Contract at the time and in the manner prescribed herein by this Contract.
5. [The Seller / 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 Sindh or any agency thereof or any other entity owned or controlled by it (GoS) through any corrupt business practice.
6. Without limiting the generality of the foregoing, [the Seller/ Supplier] represents and warrants that it has fully declared the brokerage, commission, fees etc, paid or payable to anyone and not given or agreed to give and shall not give or agree to give to anyone within or outside Pakistan either directly or indirectly through any natural or juridical person, including its affiliate, agent, associate, broker.

consultant, director, promoter, shareholder, sponsor or subsidiary, any commission, gratification, bribe, finder's fee or kickback, whether described as consultation fee or otherwise, with the object of obtaining or including the procurement of a Contract, right, interest, privilege or other obligation or benefit in whatsoever form from GoS, except that which has been expressly declared pursuant hereto.

7. [The Seller/ Supplier] certifies that it has made and will make full disclosures of all agreements and arrangements with all persons in respect of or related to the transaction with GoS and has not taken any action or will not take any action to circumvent the above declaration, representation or warranty.
8. [The Seller/ 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 GoS under any law, Contract or other instrument, be avoidable at the option of Purchaser.
9. Notwithstanding any rights and remedies exercised by the Purchaser in this regard, [The Seller/ Supplier] agrees to indemnify the Purchaser for any loss or damage incurred by it on account of its corrupt business practices and further pay compensation to the Purchaser in an amount equivalent to ten times the sum of any commission, gratification, bribe, finder's fee or kickback given by [The Seller / Supplier] as aforesaid for the purpose of obtaining or inducing the procurement of any Contract, right, interest, privilege or other obligation or benefit in whatsoever form from the Purchaser.
10. In case of any dispute concerning the interpretation and / or application of this Contract, it shall be settled through arbitration. The Secretary to the Government of Sindh, Health Department or his nominee shall act as a sole arbitrator. The decisions taken and / or award given by the sole arbitrator shall be final and binding on the Parties.
11. This Contract shall be governed by the laws of Pakistan and the Courts of Hyderabad / Karachi shall have the exclusive jurisdiction to adjudicate.

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 by the Manufacturer /
Authorized Supplier / Authorized Agent

Signed / Sealed by Purchaser

WITNESS

1. _____

1. _____

2. _____

2. _____

H: Bid Form & Price Schedule

1. BID FORM

Date:

To: [Name and address of Purchaser]

Dear Sir,

Having examined the Bidding Documents, the receipt of which is hereby duly acknowledged, we, the undersigned, offer to supply and deliver the goods specified in the said Bidding Documents for the sum of [Total Bid Amount], [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.

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

3. If our bid is accepted, we shall obtain an unconditional guarantee of a bank in the sum of 5% of the Contract Price for the due performance of the Contract, in the form prescribed by the Purchaser.

4. We agree to the validity of this bid till 30th June 2017 from the date fixed for financial bid opening and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

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

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

Dated this _____ day of _____ 2017.

Signature

(in the capacity of)

Duly authorized to sign bid for and on behalf of _____

Note:

1	In case of discrepancy between the unit price and total, the unit price shall prevail
2	All the above said instructions must be read carefully for compliance; else the offer will be ignored.
3	Department reserves the right to ask and verify any document from the participants related with Manufacturer / Importer of item, to assess the quality.
4	All the Bid documents should be submitted page wise, any missing of papers will not be responsible of procurement authority
5	The quantity of items will be increased or decreased subject to the release of funds
6	Shortfall of any document given under evaluation criteria shall render the Bidding firm ineligible for competition

DIRECTOR
SYED ABDULLAH SHAH INSTITUTE OF
MEDICAL AND SCIENCES SEHWAN

Integrity Pact

DECLARATION OF FEES, COMMISSION AND BROKERAGE ETC. PAYABLE BY THE SUPPLIERS/CONTRACTORS/CONSULTANTS.

Contract Number: _____ Dated: _____

Contract Value: _____

Contract Title: _____

[Name of Supplier/Contractor/Consultant] 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 Sindh (GoS) or any administrative subdivision or agency thereof or any other entity owned or controlled by it (GoS) through any corrupt business practice.

Without limiting the generality of the foregoing, [Name of Supplier/Contractor/Consultant] 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 inducing the procurement of a contract, right, interest, privilege or other obligation or benefit, in whatsoever form, from Procuring Agency (PA), except that which has been expressly declared pursuant hereto.

[Name of Supplier/Contractor/Consultant] certifies that it has made and will make full disclosure of all agreements and arrangements with all persons in respect of or related to the transaction with PA and has not taken any action or will not take any action to circumvent the above declaration, representation or warranty.

[Name of Supplier/Contractor/Consultant] 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 PA under any law, contract or other instrument, be voidable at the option of PA.

Notwithstanding any rights and remedies exercised by PA in this regard, [Name of Supplier/Contractor/Consultant] agrees to indemnify PA for any loss or damage incurred by it on account of its corrupt business practices and further pay compensation to PA in an amount equivalent to ten times the sum of any commission, gratification, bribe, finder's fee or kickback given by [Name of Supplier/Contractor/Consultant] 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 PA.

[Procuring Agency]

[Supplier/Contractor/Consultant]