



**OFFICE OF THE DIRECTOR
SHAHDADPUR INSTITUTE OF MEDICAL SCIENCES
SHAHDADPUR DISTRICT SANGHAR**

Standard Bidding Document

Single Stage–Two Envelope Procedure

**PROCUREMENT OF MACHINERY,EQUIPMENTS,
INSTRUMENTS,FURNITURE & FIXTURE,
GENERATOR 200KV AND OTHER ITEMS
FINANCIAL YEAR 2026-27**

DUE ON Tuesday 06-10-2026 at 2:00pm

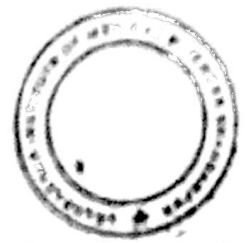
**Address: Office of the Director Shahdadpur Institute of Medical Science
Shahdadpur, Shahpurchakar Road Shahdadpur**

**DIRECTOR
SIMS, SHAHDADPUR**

**Prepared/Reviewed by following members of procurement Committee SIMS
SHAHDADPUR)**

- e. Director Shahdadpur Institute of Medical Sciences Shahdadpur (Chairman) _____
- f. Deputy Commissioner, Sanghar or his Representative (Member) _____
- g. District Health Officer Sanghar or his Representative (Member) _____
- h. Assistant Director Social Welfare Shahdadpur (Member) _____
- H, Bio Medical Engineer SICH&N Karachi Member) _____

INVITATION FOR BID (NIT)



IFB No:

GOS/SIMS/Pro-PME/26-27

The Shahdadpur Institute of Medical Sciences Shahdadpur has been allocated from the SOCIAL WELFARE OBLIGATION FUNDS by the District Administration Sindh Province. It is intended that part of the proceeds of this allocated fund will be applied to eligible payments under the contract for Procurement of Machinery Equipment, instruments, furniture & fixture, Generator 200 KV and other items for SIMS Shahdadpur.

2. The Shahdadpur Institute of Medical Science Shahdadpur now invites e-bids through E-Pak Acquisition and Disposable System (EPADS) for eligible manufacturer and Distributors for the Procurement of Machinery Equipments, Instruments, Furniture & Fixture, Generator 200kv and other items for SIMS Sites for the fiscal year 2026-27. The procurement method will be Rule-46 (2) Single Stage Two Envelope Procedure. The eligible bidders and firms in Sindh, should have valid registration with tax authorities of Islamic Republic of Pakistan (Income Tax, SRB (where applicable) & Sales Tax Department) and

3. Interested eligible bidders may obtain further information from the office of Director, Shahdadpur Institute of Medical Science Shahdadpur Phone no. +0235841131-0235842987 and E-mail: simsshahdadpur@gmail.com

4. The Bids prepared in accordance with the instructions in the bidding documents must be submitted on EPADS and purchased by interested bidders on the submission of written application, to payment of Rs.5000/- Tender non-refundable Fee that have to be deposited in Shahdadpur Institute of Medical Science (SIMS) Shahdadpur relevant Bank Account between 0900 to 1500 hours except Sunday, Saturday and Holidays from date of publication up to 06-10-2026 up to 01:00 p.m. A complete set of bidding document containing detailed terms and conditions can be viewed / downloaded from <https://portalsindh.eprocure.gov.pk/#/>.

5. The Bids must be submitted on EPADS on or before Date of Opening up to 01:00 p.m. and must be accompanied by a bid security of Two (2%) of bid cost in favor of Shahdadpur Institute of Medical Science (SIMS) must reach before the deadline for the submission of e-bids, which will be opened on the same day 06-10-2026 at 02: 00 p.m Office of the Director Shahdadpur Institute of Medical Science Shahdadpur.

6. The rates quoted should be inclusive of GST, Income Tax, etc. Applicable taxes will be deducted at source at prescribed rates. Delivery of Services will be made in as mentioned in the bidding document.

7. The bidders are requested to give their best and final prices as no negotiations are allowed.

8. In case Government declared / announce public holiday on the date of opening of Tender, the Tenders will be submitted / opened on the next working day.

9. The proposal shall be submitted through E-tendering portal (under Technical and Financial/Commercial options on E-pad with all the supporting documentary evidence by or before the closing date and time.

DIRECTOR
SIMS, SHAHDADPUR

Prepared/Reviewed by following members of procurement Committee SIMS SHAHDADPUR)

a. Director Shahdadpur Institute of Medical Sciences Shahdadpur Chairman)

b. Deputy Commissioner, Sanghar or his Representative (Member)

c. District Health Officer Sanghar or his Representative (Member)

d. Assistant Director Social Welfare Shahdadpur (Member)

e. Bio Medical Engineer SICH&N Karachi Member)

Assistant Commissioner
Shahdadpur
ASSISTANT DIRECTOR
Social Welfare
Taluka Shahdadpur

10. In the first instance, technical Proposal shall be opened on the E tender portal, and then the "Financial Proposal" shall be retained unopened.
11. During the technical evaluation, no amendments to Technical Proposal shall be permitted.
12. After the evaluation and approval of the technical proposals, the financial/comm. (on E-tender portal) shall be opened for technically responsive firms, publicly at a time, date and venue announced and communicated to the Bidder in advance, within the proposed validity period.
13. The financial proposals found technically non-responsive shall be rejected.
14. Financial Proposal shall be evaluated based on procuring agency evaluation criteria as provided in the bidding document on E-pad portal.
15. The lowest evaluated bidder shall be awarded the contract.
16. Bidders are required to offer most competitive lowest price of their quoted items as no negotiations on quoted price are allowed under the rules.
17. Procurement Committee reserves the Right to accept or Reject any or all Bids prior to award of contract as per SPPRA Rules, 2010 (amended 2019).
18. In case of any difficulty prospective bidders may contact EPADS helpline **051-111-137-237** during working days/hours

Bid Data Sheet

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

Introduction	
ITB 1.1	SIMS, Government of Sindh
ITB 1.1	Name of Project: Shahdadpur Institute of Medical Science (SIMS)
ITB 1.1	Name of Contract: Procurement of medical equipments, machinery, instruments, furniture & fixture, 200 kv generator and other items for SIMS Shahdadpur
ITB 4.1	Name of Procuring agency: SIMS Shahdadpur, Govt. of Sindh
ITB 6.1	Procuring agency's address, telephone, telex, and facsimile numbers: Shahdadpur Institute of Medical Science (SIMS),
ITB 8.1	Language of the bid: English

DIRECTOR
SIMS, SHAHDADPUR

Prepared/Reviewed by following members of procurement Committee SIMS SHAHDADPUR)

- a. Director Shahdadpur Institute of Medical Sciences Shahdadpur Chairman
- b. Deputy Commissioner, Sanghar or his Representative (Member) _____
- c. District Health Officer Sanghar or his Representative (Member) _____
- d. Assistant Director Social Welfare Shahdadpur (Member) _____
- e. Bio Medical Engineer SICH&N Karachi Member) _____
- Assistant Commissioner:
Shahdadpur
Assistant Director:
Social Welfare
Taluka Shahdadpur

Bid Price and Currency	
ITB 11.2	The price quoted shall be in Pakistani Rupees. The Prices indicated in the Price Schedule shall be delivered duty paid (DDP). The price of other (incidental) services, if any, may be mentioned separately.
ITB 11.5	The price shall be fixed, and in Pakistani Rupees.



Preparation and Submission of Bids	
ITB 15.1	Amount of bid security: 2% of the total amount
ITB 16.1	Bid validity period: Validity Period of the Bid will be Ninety (90) Days
ITB 17.1	Number of copies: One Original Technical proposal & One Original Financial proposal on EPAD
ITB 18.2 (a)	Address for bid submission: Director, SIMS Shahdadpur Office of the Director Shahdadpur Institute of Medical Science Shahdadpur.
ITB 18.2 (b)	IFB title and number: Procurement of medical equipments, machinery, instruments, furniture & fixture, 200 kv generator and other items for SIMS Sites
ITB 19.1	Deadline for bid submission: <u>October 06, 2026 at 01:00 p.m</u> (Tuesday)
ITB 22.1	Time, date, and place for bid opening: <u>October 06, 2026 (02:00 a.m)</u> (Tuesday) at address mentioned at ITB 18.2 (a)
ITB 24.2	Performance Security equal to 5 % in form of pay order, Demand Draft or bank guarantee shall be submitted by the vendor.

Bid Evaluation	
ITB 25.3	Criteria for bid evaluation:
Contract Award	
ITB 29.1	Percentage for quantity increase or decrease: 15%

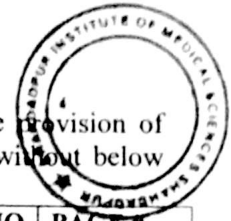
[Signature]
DIRECTOR
SIMS, SHAHDADPUR

Prepared/Reviewed by following members of procurement Committee SIMS SHAHDADPUR)

- Director Shahdadpur Institute of Medical Sciences Shahdadpur (Chairman)
- Deputy Commissioner, Sanghar or his Representative (Member) *[Signature]*
- District Health Officer Sanghar or his Representative (Member) *[Signature]*
- Assistant Director Social Welfare Shahdadpur (Member) *[Signature]*
- Bio Medical Engineer SICH&N Karachi Member) _____

[Signature]
Assistant Commissioner:
Shahdadpur
ASSISTANT DIRECTOR
Social Welfare
Taluka Shahdadpur

ITB 25.3 Bid Evaluation (Mandatory)



Bidders are requested to read and check the below requirement carefully. The provision of below documents is essential prerequisite along with submission of bid. Bids without below documents will be declared as **DIS-QUALIFIED**.

SR. #	DETAIL	YES/NO	PAGE # /Annex.
1	Tender Purchase Receipt / pay order		
2	Bid Security (2%) Photocopy with value hidden in Technical Proposal; Original in Financial)		
3	NTN Certificate		
4	GST Registration Certificate		
5	DRAP license showing importer of medical devices or proof of on-going process for registration. (Where applicable)		
6	Technical Proposal on Company's Letterhead without showing rates		
7	Manufacturer's Authorization letter (where applicable)		
8	SECP Incorporation Certificate (where applicable)		
9	PNRA Registration Certificate (where applicable)		
10	PEC Registration Certificate (where applicable)		
11	Undertaking on Rs.100/- bidder is not blacklisted/debarred by any procuring agency and the acceptance of bid with terms & conditions mentioned in bidding documents		
12	Technical Team Details (Workshop details & Technical Staff Bio data with Training Certificates) (Recent/Updated/Current Employments)		
13	ISO 9001 of Bidder (where applicable) (website link must be provided for verification)		
14	ISO 13485 of Manufacturer (where applicable) (website link must be provided for verification)		
15	FDA510(K) / JIS (where applicable) (website link must be provided for verification)		
16	Company Profile		
17	Catalogue / Brochures (original)		
18	Human Resource Including Detail of Technical Team (Annexure-I)		
19	Section A: Specialized Testing and Calibration Tools & Section B: Major Spare Parts (Annexure-J)		
20	List Of Installation / Reference Client (Annexure-K) Note: If a bidder fails to meet the installation criteria for quoted equipment as specified in the individual equipment specifications, that bid will be considered as non-responsive for that equipment.		
21	Compliance Sheet/ Technical Evaluation Sheet of Each Quoted Items (Annexure-L)		

Undertaking:

We hereby confirm that we have read, understand and agree with above.

Signature & seal (bidder): _____

Prepared/Reviewed by following members of procurement Committee SIMS SHAHDADPUR)

a. Director Shahdadpur Institute of Medical Sciences Shahdadpur (Chairman)

b. Deputy Commissioner, Sanghar or his Representative (Member)

c. District Health Officer Sanghar or his Representative (Member)

d. Assistant Director Social Welfare Shahdadpur (Member)

e. Bio Medical Engineer SICH&N Karachi Member)

DIRECTOR
SIMS, SHAHDADPUR

Assistant Commissioner
Shahdadpur

ASSISTANT DIRECTOR
Social Welfare
Shahdadpur

Note:

1. The installation criteria for each equipment are mentioned in Specification is considered as a part of mandatory requirement; bidders must fulfill these requirements as specified in the equipment specifications. Failure to do so will lead to the disqualification.
2. Bidders must submit all relevant documents required for the mandatory and marking criteria on EPAD. Any missing documents will lead to disqualification, and hard copies of missing documents will not be considered.



Prepared/Reviewed by following members of procurement Committee (SIMS, SHAHDADPUR)

- a. Director Shahdadpur Institute of Medical Sciences Shahdadpur (Chairman) _____
- b. Deputy Commissioner, Sanghar or his Representative (Member) _____
- c. District Health Officer Sanghar or his Representative (Member) _____
- d. Assistant Director Social Welfare Shahdadpur (Member) _____
- e. Bio Medical Engineer SICH&N Karachi Member) _____


DIRECTOR
SIMS, SHAHDADPUR
Assistant Commissioner
Shahdadpur
ASSISTANT DIRECTOR
Social Welfare
Taluka Shahdadpur

EVALUATION CRITERIA SECTION

NOTE

Financial proposal must be submitted on company letter head duly signed and stamped. Bidder is required to type their offer in figure and as well as in words of the total amount else the offer would be rejected.



EVALUATION / QUALIFICATION

1.1 The procuring agency reserves the right to evaluate and compare the bids on itemized basis OR on the basis of a group of similar nature goods OR goods compatible with each other.

1.2 The following merit point system for weighing evaluation factors/criteria will be applied for technical proposals.

1.3 Bidders achieving minimum **70 marks** will be considered only for further process. Documentary evidence must be attached in support of each parameter.

1.4 **Any Bid not meeting the mandatory requirements of evaluation criteria will be disqualified / rejected straight away and will not be considered for further evaluation.**

S#	PARAMETERS / SUB-PARAMETERS	Total Marks
1	Conformity to the Purchaser's Specifications (Mandatory)	20
1.1	Fully compliant with the required specifications	20
1.2	Compliant with minor deviation (up to 10% subject to main function is not affected)	10
1.3	Non-compliant to required specifications	Disqualify
2	Product Certification	12
2.1	USA Food & Drug Administration (USA-FDA) and European Community (CE) MDD and Japan Industrial Standard (JIS) / Japan Quality Assurance Organization (JQAO) / Certificate issued by Ministry of Health, Labor and Welfare Govt. of Japan	12
2.2	European Community (CE) MDD and Japan Industrial Standard (JIS) / Japan Quality Assurance Organization (JQAO) / Certificate issued by Ministry of Health, Labor and Welfare Govt. of Japan OR USA - Food and Drug Administration (USA-FDA) and European Community (CE)	10
2.3	USA - Food and Drug Administration (USA-FDA)	08
2.4	European Community (CE) MDD	06
2.5	Japan Industrial Standard (JIS)/Japan Quality Assurance Organization (JQAO)/ Certificate issued by Ministry of Health, Labor and Welfare Govt. of Japan	04
3	Last three Years' Experience in 5 Public Sector Hospitals (2 Marks of each) Documentary evidence in shape of Purchase Order and Installation Report / Satisfactory performance certificate must be attached	10
4	Last three Years' Experience in 5 Private Sector Hospitals (2 Marks of each) Documentary evidence in shape of Purchase Order and Installation Report / Satisfactory performance certificate must be attached	10

Prepared/Reviewed by following members of procurement Committee (SIMS SHAHDADPUR)

a. Director Shahdadpur Institute of Medical Sciences Shahdadpur (Chairman)

b. Deputy Commissioner, Sanghar or his Representative (Member)

c. District Health Officer Sanghar or his Representative (Member)

d. Assistant Director Social Welfare Shahdadpur (Member)

e. Bio Medical Engineer SICH&N Karachi Member)

DIRECTOR
SIMS, SHAHDADPUR

Assistant Commissioner

Shahdadpur

ASSISTANT DIRECTOR

Social Welfare

Taluka Shahdadpur

5	Annual Turnover during last three (03) financial years Duly verified from FBR Tax Returns (Financial Soundness)	06
5.1	500.00 (Million) and above	06
5.2	350.00 (Million) to below 500.00 (Million)	05
5.3	200.00 (Million) to below 350.00 (Million)	04
5.4	50.00 (Million) to below 200.00 (Million)	03
6	Financial Worth of each year average for continuous last three years (Assets Minus Liabilities in FBR Returns)	06
6.1	500.00 (Million) and above	06
6.2	350.00 (Million) to below 500.00 (Million)	05
6.3	200.00 (Million) to below 350.00 (Million)	04
6.4	50.00 (Million) to below 200.00 (Million)	03
8	Valid ISO-9001	04
9	Valid ISO-13485	04
10	Technical Staff	07
10.1	Diploma / Associate Engineers in relevant field (0.5 mark for each)	03
10.2	Graduate Engineers in relevant field (1 marks for each)	04
11	Delivery Schedule at consignee's end	07
11.1	Up to 12 Weeks	07
11.2	Up to 16 Weeks	04
11.3	More than 16 Weeks	00
12	Authorization	05
12.1	Itself Manufacturer	05
12.2	Valid Authorization of Manufacturer of Equipment	04
12.3	Non-submission of valid manufacturer's authorization	Disqualify
13	No. of Years in Business	05
13.1	More than 15 Years of experience in similar nature of project	05
13.2	More than 10 Years of experience in similar nature of project	04
13.3	More than 05 Years of experience in similar nature of project	03
14	Bonus points	04
14.1	Free of Cost Extended Warranty (in accordance with the standard warranty period) at least for one year including parts & services & labor. (Bidder offering greater extended warranty period will get the full marks)	04
TOTAL MARKS		100

Note: Qualifying Marks 70 out of 100.

**Prepared/Reviewed by following members of procurement Committee SIMS
SHAHDADPUR)**

- Director Shahdadpur Institute of Medical Sciences Shahdadpur (Chairman)
- Deputy Commissioner, Sanghar or his Representative (Member)
- District Health Officer Sanghar or his Representative (Member)
- Assistant Director Social Welfare Shahdadpur (Member)
- Bio Medical Engineer SICH&N Karachi Member)

DIRECTOR
SIMS, SHAHDADPUR
Assistant Commissioner
Shahdadpur
ASSISTANT DIRECTOR
Social Welfare
Tahsil Sanghar

Proposal Evaluation:

1. Technically qualified/successful bidder(s) shall be eligible for further process.
2. Bids not accompanied by the Bid Security of required amount and form shall be rejected.
3. Procuring Agency shall not be responsible for any erroneous calculation of taxes and all differences arising out shall be fully borne by the Successful Bidder.
4. For the purpose of comparison of bids quoted in different currencies, price shall be converted into Pakistani Rupees. The rate of exchange shall be the selling rate prevailing seven working days before the date of opening of the bids, as notified by the National Bank of Pakistan (NBP) / State Bank of Pakistan (SBP).



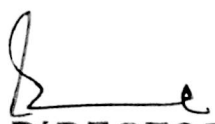
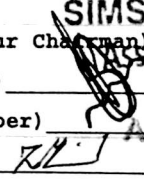
Note:

1. Technical qualified bidder has to submit sample for demo evaluation and will be informed in advance to make the necessary arrangement for submission of sample. If a company/firm fails to submit a demo sample of quoted items despite being technically qualified, the supplier will be considered as non-responsive in technical evaluation.
2. More than 1 installation of any equipment of similar or better models installed in the same entity/organization will be counted as one installation.

Contract Award	
ITB 29.1	Procuring Agency reserves the right to drop any item and increase or decrease the quantity of goods originally specified in Schedule of Requirements / Technical Specifications without any change in unit price and other terms & conditions.
ITM 32.1	Successful Bidder and the Procuring Agency will sign the Contract Agreement on the stamp paper with stamp duties as per the article 22-A (Contract) of the schedule of Stamp Act 1899. The expenditure involved on the said contract agreement will be borne by the bidder.

Prepared/Reviewed by following members of procurement Committee (SIMS SHAHDADPUR)

- a. Director Shahdadpur Institute of Medical Sciences Shahdadpur Chairman
- b. Deputy Commissioner, Sanghar or his Representative (Member)
- c. District Health Officer Sanghar or his Representative (Member)
- d. Assistant Director Social Welfare Shahdadpur (Member)
- e. Bio Medical Engineer SICH&N Karachi Member)


DIRECTOR
SIMS, SHAHDADPUR
Assistant Commissioner
Shahdadpur

ASSISTANT DIRECTOR
Social Welfare
Shahdadpur

Special Conditions of Contract



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

1. Definitions (GCC Clause 1)

GCC 1.1 (g)—The Procuring agency is: SIMS, and Government of Sindh

GCC 1.1 (h)—The Procuring agency's country is: Islamic Republic of Pakistan

GCC 1.1 (j)—The Project Site is: Shahdadpur Institute of Medical Science Shahdadpur, Office of the Director Shahdadpur Institute of Medical Science Shahdadpur.

2. Country of Origin (GCC Clause 3)

All authorized sanction countries which are under the territories as indicated in Part Two Section VI of the bidding documents, "Eligibility for the Provisions of Goods, Works, and Services in Government-Financed Procurement".

3. Technical Specifications (GCC Clause 4)

The technical specifications of the good provided in these bidding documents are only for widest possible competition and not for favor any single contractor or supplier nor put others at a disadvantage. However, the brand name, catalogue No. / Name etc., if any, has only been used for the reference purpose. Equipment offered **"AT LEAST EQUIVALENT OR HAVING BETTER TECHNICAL SPECIFICATIONS"** shall also be considered

4. Performance Security (GCC Clause 7)

GCC 7.1—The amount of performance security, as a percentage of the Contract Price, shall be Five (5%) in shape of Pay Order, Demand Draft or unconditional & irrevocable Bank/Insurance Guarantee.

GCC 7.4—After providing services, the performance security of 5%. The Pay Order, Demand Draft or Bank / Insurance Guarantee against performance security will be released upon completion of the project.

5. Inspections and Tests (GCC Clause 8)

GCC 8.6—the Procuring Agency or its representative reserves the right to inspect and test the Goods to ensure they conform to the Contract specifications, at no additional cost to

Prepared/Reviewed by following members of procurement Committee SIMS SHAHDADPUR)

- Director Shahdadpur Institute of Medical Sciences Shahdadpur Chairman
- Deputy Commissioner, Sanghar or his Representative (Member)
- District Health Officer Sanghar or his Representative (Member)
- Assistant Director Social Welfare Shahdadpur (Member)
- Bio Medical Engineer SICH&N Karachi Member)

DIRECTOR
SIMS, SHAHDADPUR
Assistant Commissioner
Shahdadpur
ASSISTANT DIRECTOR
Social Welfare
Taluka Shahdadpur

the Procuring Agency. This includes proper installation, commissioning, and testing of any delivered equipment. Any software upgrades will be provided free of charge. In the event that the feedback from testing and inspection of the equipment is negative, the SIMS, GoS will take further actions in accordance with the terms and conditions outlined in the bidding documents and relevant SPPRA rules and regulations. If any inspected or tested Goods fail to meet the Specifications, the Procuring Agency may reject the Goods. In such cases, the Supplier is obligated to either replace the rejected Goods or make the necessary modifications to ensure compliance with the specifications, at no additional cost to the Procuring Agency.

6. **Packing (GCC Clause 9)**

GCC 9.2—The following SCC shall supplement GCC Clause 9.2: export worthy packaging.

The packing shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit, and open storage. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the Goods' final destination and the absence of heavy handling facilities at all points in transit.

7. **Delivery and Documents (GCC Clause 10)**

GCC 10.2—For Goods supplied from within the Procuring Agency's country: The Bidder shall provide the following documents at the time of delivery of goods to the Store / Warehouse of the SIMS Shahdadpur Site for verification duly completed in all respects:

- Original copies of Delivery Note (Delivery Challan) (in duplicate) showing item's description, make, model, quantity as well as Lot Number, Batch Number, Registration Number, manufacturing and expiry dates (if applicable).
- Original copies of the Bidder's invoices (in duplicate) showing warranty, item's description, make, model as well as Lot Number, Batch Number, Registration Number, manufacturing and expiry dates (if applicable) per unit cost, and total amount.
- Original copies of the Sales Tax Invoices (where applicable) in duplicate showing item's description, quantity, per unit cost without Sales Tax, amount of Sales Tax and total amount with Sales Tax.
- Manufacturers or Bidder's warranty certificate.
- Inspection certificate issued by the nominated inspection committee / Bidder's factory inspection report.
- Certificate of origin.
- User manual, technical and service manual, software, spare parts catalogue and price list must be provided with the equipment.

GCC 10.2—For Goods supplied from abroad as per INCOTERM CNF/ C&F / CPT Karachi: Upon shipment, the Supplier shall notify the Procuring agency the full details of the shipment, including Contract number, description of Goods, quantity and usual transport document. The Supplier shall mail/ email / submit the following documents to the Procuring Agency immediately arrival/shipped prior to arrival of the Goods at the port

Prepared/Reviewed by following members of procurement Committee SIMS SHAHDADPUR)

- Director Shahdadpur Institute of Medical Sciences Shahdadpur (Chairman)
- Deputy Commissioner, Sanghar or his Representative (Member)
- District Health Officer Sanghar or his Representative (Member)
- Assistant Director Social Welfare Shahdadpur (Member)
- Bio Medical Engineer SICH&N Karachi Member)

DIRECTOR
SIMS, SHAHDADPUR
Assistant Commissioner
Shahdadpur
ASSISTANT DIRECTOR
Social Welfare
Taluka Shahdadpur

or place of arrival and, if not received, the Bidder will be responsible for any consequent expenses:

1. copies of the Supplier 's invoice showing Goods, service manual & User manual 'description, quantity, unit price, and total amount;
2. original and two copies of the usual transport document (for example, a negotiable bill of lading, a non-negotiable sea waybill, an inland waterway document, an air waybill, a road consignment note, or a multimodal transport document) which the buyer may require to take the goods;
3. copies of the packing list identifying contents of each package;
4. insurance certificate;
5. Manufacturer 's or Supplier 's warranty certificate;
6. inspection certificate, issued by the nominated inspection agency, and the Supplier's factory inspection report; and
7. certificate of origin

8. Insurance (GCC Clause 11)

GCC 11.1— For Goods supplied from within the Procuring Agency's country: The Goods supplied under the Contract shall be delivered duty paid (DDP) under which risk is transferred to the buyer after having been delivered; hence insurance coverage is sellers' responsibility. Since the Insurance is seller's responsibility they may arrange appropriate coverage. Insurance certificate will be provided by the bidder and bourn by the bidder

GCC 11.1— For Goods supplied from abroad as per INCOTERM CNF/ C&F / CPT Karachi:

CNF (Cost and Freight) the seller is responsible for all costs associated with transporting the goods to the named port of destination, including freight charges. However, the buyer assumes responsibility for insurance, as well as any risks that may arise after the goods are loaded onto the vessel.

C&F (Cost and Freight) that the seller is responsible for both the cost of the goods and the freight charges to the specified destination. The responsibility for insurance falls to the buyer, who must also cover unloading fees, import duties, and any applicable local taxes upon arrival.

CPT (Carriage Paid To) the seller is responsible for paying the transportation costs to deliver the goods to a specified location. The seller assumes risk and responsibility up until the goods are handed over to the first carrier. Once the goods are with the carrier, the buyer takes on the risk and is liable for insurance from that point onwards.

9. Incidental Services (GCC Clause-13)

GCC 13.1—the incidental services to be provided are:

{Selected services covered under GCC Clause 13 and /or other should be specified with the desired features. The price quoted in the Bid price or agreed with selected Suppliers shall be included in the contract Price}.

Prepared/Reviewed by following members of procurement Committee SIMS SHAHDADPUR)

- a. Director Shahdadpur Institute of Medical Sciences Shahdadpur Chairman _____
- b. Deputy Commissioner, Sanghar or his Representative (Member) _____
- c. District Health Officer Sanghar or his Representative (Member) _____
- d. Assistant Director Social Welfare Shahdadpur (Member) _____
- e. Bio Medical Engineer SIMS&N Karachi Member) _____

DIRECTOR
SIMS, SHAHDADPUR
Assistant Commissioner
Shahdadpur
ASSISTANT DIRECTOR
Social Welfare
Taluka Shahdadpur

10. Spare Parts (GCC Clause 14)

GCC 14.1—Supplier shall carry sufficient inventories to assure ex-stock supply of consumable, spares parts (including X-ray tube, detector, Probes, Lamps, Lens, coils, battery etc.) by the Goods. Other spare parts and components if not in stock shall be supplied as promptly as possible, but in any case, within 4 weeks of placing the order on DDP basis and in case of import of part within 6 weeks after opening the letter of credit. All spares during warranty period must be supplied from stock, and if part is not in stock and requires import, that a longer equipment must be provided. Spare parts/accessories/consumables must be supplied for at least 10 years after successful installation, and if the product is discounted before 10 years, upgrade latest equipment must be provided by the principals or replace by the bidder at 50% of the ordered cost.

(Principals letter head for availability of Spare parts)

11. Warranty (GCC Clause 15)

GCC 15.1 — The bidder shall be responsible for ensuring a minimum of 95% uptime of the machinery and equipment during the warranty and/or contract period. In the event of downtime, compensation will be provided in the form of an extension of the warranty period, which will be extended free of charge (FOC), including parts, services, and labor, for twice the duration of the downtime. The bidder must provide 24/7 service availability and alternative backup solutions during any periods of machine downtime.

GCC 15.2—in partial modification of the provisions, the warranty period shall be twelve

(12) Months or as per the extended warranty period from the date of acceptance of the Goods. The Supplier shall, in addition, comply with the performance and/or consumption guarantees specified under the Contract. If, for reasons attributable to the Supplier, these guarantees are not attained in whole or in part, the Supplier shall, at its discretion, either:

- (a) make such changes, modifications, and/or additions to the Goods or any part thereof as may be necessary in order to attain the contractual guarantees specified in the Contract at its own cost and expense and to carry out further performance tests in accordance with GCC 8,
- (b) Pay liquidated damages to the Procuring agency with respect to the failure to meet the contractual guarantees. The rate of these liquidated damages shall be 0.5% per week or part thereof of the total amount of contract.

GCC 15.4 & 15.5—The period for correction of defects in the warranty period is 20 days or earlier.

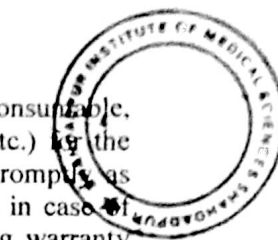
12. Payment (GCC Clause 16)

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

- i. **For Goods supplied from within the Procuring Agency's country:**
 - (a) Payment shall be made in Pak Rupees.
 - (b) 100% of the Contract Price on complete delivery of store within thirty (30) days on submission of claim supported by acceptance certificate from procuring

Prepared/Reviewed by following members of procurement Committee SIMS SHAHDADPUR)

- a. Director Shahdadpur Institute of Medical Sciences Shahdadpur Chairman
- b. Deputy Commissioner, Sanghar or his Representative (Member)
- c. District Health Officer Sanghar or his Representative (Member)
- d. Assistant Director Social Welfare Shahdadpur (Member)
- e. Bio Medical Engineer SICH&N Karachi Member)



DIRECTOR
SIMS, SHAHDADPUR
Assistant Commissioner
Shahdadpur
ASSISTANT DIRECTOR
Social Welfare
Taluka Shahdadpur

agency declaring Goods have been delivered and that all contracted services have been performed.

- (c) Part payment on part supply may be allowed

OR

ii. For Goods supplied from outside the Procuring Agency's country:

- (a) Payment shall be made in Foreign Currency.
(b) The Procuring Agency shall pay the Bidder or its Principal through irrevocable letter of credit opened in favor of the Bidder or its Principal in a bank in its country, upon submission of all the requisite documents.

Bidder will bear the insurance charges and all the additional bank charges inside and outside the Procuring Agency country on account of L/C, if he desires to establish a confirmed L/C etc.

13. Prices (GCC Clause 17)

GCC 17.1—Prices submitted by the vendor shall be considered final and will not be subject to any variation at any stage of bidding and/or during services. Costs related to signing of the contract (stamp duty etc.) between SIMS and Company shall be responsibility of the company.

14. Liquidated Damages (GCC Clause 23)

GCC 23.1—In case deliveries are not completed within the time frame specified in the schedule of requirements / contract award, a Show Cause Notice will be served on the Bidder 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:

The liquidated damage shall be 0.1 % per day or part thereof. The maximum amount of liquidated damages shall be 10% of the amount of contract. Once the cumulative amount of liquidated damages reaches ten percent (10%) of the amount of the contract, the Procuring Agency shall rescind the contract, without prejudice to other courses of action and remedies open to it

15. Resolution of Disputes (GCC Clause 28)

GCC 28.3—The dispute resolution mechanism to be applied pursuant to GCC Clause 28.2 shall be as follows:

In the case of a dispute between the Procuring agency and the Supplier, the dispute shall be referred to adjudication or arbitration in accordance with the laws of the Procuring agency's country.

Prepared/Reviewed by following members of procurement Committee SIMS SHAHDADPUR)

- a. Director Shahdaddpur Institute of Medical Sciences Shahdaddpur (Chairman)
b. Deputy Commissioner, Sanghar or his Representative (Member)
c. District Health Officer Sanghar or his Representative (Member)
d. Assistant Director Social Welfare Shahdaddpur (Member)
e. Bio Medical Engineer SICH&N Karachi Member)

DIRECTOR
SIMS, SHAHDADPUR
Assistant Commissioner
Shahdaddpur
ASSISTANT DIRECTOR
Social Welfare
Taluka Shahdaddpur



16. **Governing Language (GCC Clause 29)**

GCC 29.1—The Governing Language shall be: English

17. **Applicable Law (GCC Clause 30)**

GCC 30.1—The Contract shall be interpreted in accordance with the laws of Islamic Republic of Pakistan which includes the following legislation:

The Employment of Children (ECA) Act 1991

The Bonded Labour System (Abolition) Act of 1992

The Factories Act 1934

18. **Notices (GCC Clause 31)**

GCC 31.1—procuring agency's address for notice purposes:

Office of the Director Shahdadpur Institute of Medical Science Shahdadpur.

—Supplier's address for notice purposes:

Prepared/Reviewed by following members of procurement Committee (SIMS SHAHDADPUR)

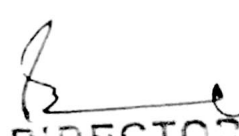
a. Director Shahdadpur Institute of Medical Sciences Shahdadpur (Chairman)

b. Deputy Commissioner, Sanghar or his Representative (Member)

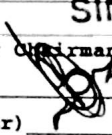
c. District Health Officer Sanghar or his Representative (Member)

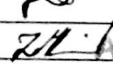
d. Assistant Director Social Welfare Shahdadpur (Member)

e. Bio Medical Engineer SICH&N Karachi Member)


DIRECTOR

SIMS, SHAHDADPUR

 Assistant Commissioner
Shahdadpur

 ASSISTANT DIRECTOR

Social Welfare
Taluk Shahdadpur

SCHEDULE OF REQUIREMENTS

The delivery schedule expressed as weeks/months stipulates hereafter a delivery date which is the date of delivery required.



S#	Name of Items	Qty	Fix 5% Bid Security	Delivery Period
1.	ECHO CARDIOGRAPHY MACHINE COLOR DOPPLER	1	260,000	Delivery & Installation in 120 days or earlier from the Date of Contract Award
2.	DIALYSIS MACHINE	4	760,000	
3.	STRESS TEST ECH (ETT) SYSTEM WITH TREADMILL	1	190,000	
4.	ENDOSCOPY MACHINE	1	240,000	
5.	DEFIBRILLATOR	1	80,000	
6.	ECG MACHINE 12-CHANNEL WITH TROLLEY	2	67,200	
7.	VITAL SIGN MONITOR (2 PARAMETERS)	5	112,500	
8.	ICU VENTILATOR (ADULT & PEADS)	2	275,000	
9.	BIPAP MACHINE	2	87,500	
10.	PLASMA AIR PURIFIER	2	75,000	
1.	NEBULIZER	5	2,500	
2.	STEAM INHALER	6	4,800	
3.	SPLIT AIR CONDITION 1.5 TON (INVERTER)	10	107,500	
4.	GENERATOR 200KV	1	625,000	
5.	Fabrication works For Ambulance	1	50,000	
6.	PATIENT BED FOWLER (DOUBLE CRANK)	15	45,000	
7.	BED SIDE CABINET	15	46,500	

- As and when these supplies are required, the successful bidder/supplier in that particular item would be informed in advance to make necessary arrangements.
- It would be bidder/supplier's responsibility to complete the delivery of supplies within the stipulated time.
- The successful bidder/supplier should complete the delivery within stipulated period from date issuance of the purchase order.
- The equipment offered must be Brand New of Latest Technology/latest version/generation, without defects or blemish and shall meet the standards, specifications.
- Quality assurance tools/test equipment availability with local Tenderer for Preventive Maintenance and periodic calibration along with list of test tools with calibration validity be provided by firms before entering in to agreement.

Prepared/Reviewed by following members of procurement Committee SIMS SHAHDADPUR)

- Director Shahdadpur Institute of Medical Sciences Shahdadpur Chairman
- Deputy Commissioner, Sanghar or his Representative (Member)
- District Health Officer Sanghar or his Representative (Member)
- Assistant Director Social Welfare Shahdadpur (Member)
- Bio Medical Engineer SICH&N Karachi Member)

DIRECTOR
SIMS, SHAHDADPUR

Assistant Commissioner
Shahdadpur

ASSISTANT DIRECTOR
Social Welfare
Taluka Shahdadpur

6. Certificate from the sole agent / manufacture that the vendor has fully equipped workshop, along with list of trained personnel/engineers and equipment should be provided with technical bid and it can be physically verified by the technical committee of SIMS or Ministry of Health if needed.
7. The vendor will give three years' warranty with parts, if any and further two years' free service without parts. And 03 years Warranty for the availability of spares and engineering backup. However, service charges after warranty with parts will be negotiated before issuance of order.
8. The warranty period will commence from the date of commissioning of the unit as per report of end user and technical person within 12 weeks' period.
9. Firm must provide complete details of their financial standing listing of similar equipment supplied in Pakistan, Bio-Data of Engineers with training certificates/test equipment details of local stock of spare parts for similar equipment and details of office with number of personals.
10. Technical training to Bio-Medical/Equipment engineers from factory trained engineers for equipment procured will be provided by the firm.
11. All equipment to be supplied should be accompanied with three original copies of the operation service/maintenance and schematic diagram and spare part list manual in the English Language.
12. Supplier will provide clinical applications training to the end user by factory trained clinical expert on SIMS Site for a satisfactory period as per requirement of end user.
13. The tenderer has to quote only one rate for each item as per tender specifications no alternate model will be accepted only first offer will be considered. Hand written tenders or any over writing, cutting, erasing shall be liable to disqualification firm.
14. The bidder shall submit with the bid an undertaking on stamp paper, stating that the equipment to be supplied is brand new and of latest generation free from defects in design material and workmanship will bind himself for availability of spares for a period of 10 years from the date of supply. In case of winding up of his business the supplier shall be bound to make on alternate arrangement of spares and maintenance of equipment. In case of default depreciated cost of equipment will be recoverable from him.
15. Vendor /Supplier will be responsible for pre-requisition installation, free of cost and also responsible for pre-installation work if required.

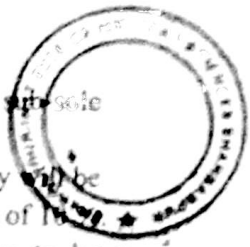
Prepared/Reviewed by following members of procurement Committee SIMS SHAHDADPUR)

- a. Director Shahdampur Institute of Medical Sciences Shahdampur (Chairman)
- b. Deputy Commissioner, Sanghar or his Representative (Member)
- c. District Health Officer Sanghar or his Representative (Member)
- d. Assistant Director Social Welfare Shahdampur (Member)
- e. Bio Medical Engineer SICH&N Karachi Member)

DIRECTOR
SIMS, SHAHDADPUR

Assistant Commissioner
Shahdampur

ASSISTANT DIRECTOR
Social Welfare
Taluka Shahdampur

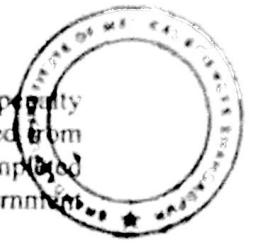
- 
16. The contractor must be authorized sole agent of the manufacturer. No sole distributor is allowed to participate in the tender.
 17. If the supplier fails to give supply and install within the stipulated period, penalty will be imposed @ 0.1 % of the total value of equipment per day subject to a maximum of 10%.
 18. Any major & minor part becoming faulty during warranty period will have to be supplied by the firm at their cost.
 19. If it is declared at the later stage that the supplied item(s) were of inferior quality the same will be replaced by the concerned firm at their own risk and cost.
 20. The supply should be completed within 120 days of establishment of L/C; otherwise, a penalty of @ 0.1 to 10% per day will be imposed, which will be deducted from their security money. After expiry of delivery period the competent authority have the right to forfeit security money to the government account.
 21. All the test tools must have calibration certificate and the same must be validated whenever required. Qualified and fully trained system experienced service support will be available during warranty and post warranty.
 22. Preventive Maintenance will be carried out as per manufacturer's recommendations. PPM Schedule to be provided before equipment Installation. All maintenance inspections detailed here in above shall be scheduled between 09:00 AM to 3:00 PM- Mon – Sat, excluding Public Holidays.
 23. Preventive Maintenance will be performed as per the scheduled mutually agreed upon between the Bidder and the SIMS. This maintenance includes all cleaning, lubrication, testing, alignment and replacement of parts necessary to minimize equipment failures and extend its useful life. Corrective Maintenance includes all actions to diagnose and correct equipment mal functions / image quality.
 24. The supply will have to be delivered at the premises of SIMS Shahdarpur Sites at the supplier's risk and cost. Any breakage or shortage of stock will be recovered from the supplier.
 25. If any firm refuses to deposit the security money his pay order will be forfeited to the Government Account, after depositing the security money, if he fails to supply the required item or provides the substandard quality or refuses to follow the orders, his security money also will be forfeited to the Government Accounts. No excuse will be accepted in case of inferior and substandard quality supplies and it will be replaced forthwith.
 26. The Tenderer/ Supplier should submit an under taking that supply should be made available within 120 days after the date of placing the order. The delivery period can be

Prepared/Reviewed by following members of procurement Committee SIMS SHAHDADPUR)

- a. Director Shahdarpur Institute of Medical Sciences Shahdarpur (Chairman)
- b. Deputy Commissioner, Sanghar or his Representative (Member)
- c. District Health Officer Sanghar or his Representative (Member)
- d. Assistant Director Social Welfare Shahdarpur (Member)
- e. Bio Medical Engineer SICH&N Karachi Member)

DIRECTOR
SIMS, SHAHDADPUR
Assistant Commissioner
Shahdarpur
ASSISTANT DIRECTOR
Social Welfare
Taluka Shahdarpur

26. extended by the competent authority for 10 days if reason is genuine. After that penalty of 0.1 per day up to 10% of the total Cost will be imposed, which will be deducted from the security money? However full quantity of the purchase order should be completed within given time, after that their earnest money will be forfeited to government accounts, and they may be black listed by the competent authority



Technical Specification and Description

S#	Item Description	Quantity	Specifications
1	Echo-Cardiography Machine Color doppler	1	Echocardiography with a fully digital beam former, having 2D / M-Mode and Doppler Facilities (PW, HPRF, & Color Flow Imaging) with high-resolution imaging, Doppler Signal Quality, receiving/processing Digital channels min. 1,000,000, having DICOM Compatibility, upgradable to Cardiac 4D Transthoracic and 4D transesophageal imaging. 1) B-MODE Specification: a) Viewing Depth: 45 cm Minimum (Both in B & W and Color). c) Frame Rate: 3000 f/sec or more in B-mode. d) Built-in cine loop with ability to vary reverse and slow motion of display; Internal Memory 10000 / 700MB or more, Color Images. e) Real-time and Freeze Image Magnification at least 10X or more with panning for Real, Freeze and Memorized Images. 2) M-MODE SPECIFICATION: a) Magnification: 10 X or more. b) Sweep Speed: Slow, Medium and Fast. c) Color Display of M-Mode. d) CMM/Anatomical M Mode. 3) D-MODE SPECIFICATION: a) Pulse-Wave Doppler Measurable Velocity Range. b) HPRF Doppler. c) TDI/TVM (Tissue Doppler Imaging) c) CONTINUOUS-WAVE DOPPLER: - Measurable Velocity Range: Steerable. - Must have Doppler Beam Steering and Bi-Directional Stereo-Audio. d) Colorized Spectrum Display. e) Automatic Baseline and Velocity Range Control. f) Live Measurements for Doppler Spectrum 4) COLOR DOPPLER MODE SPECIFICATIONS: - Both CW and PW Doppler must be Continuous Steerable in the Color Blood Flow Image Mode in Real Time. - 2D Image with Color, CW, and PW Doppler. - Windows-based system for easy usage with Programmable Control Panel Keys. - Tissue Harmonic Imaging with 4THI or more Frequency. - Power Doppler. - Triplex Mode for Simultaneous Display of Color B/M and D-Mode Displays. - 400 db system dynamic range or more. 5) MEASUREMENT PACKAGE: To provide a comprehensive software package for the measurement of Distance, Circumference. Area, Time Depth, ANGLE, Velocity, Frequency, Heart Rate, Volumes, Measurement Software to be Provided as a Standard. Comprehensive Measurements for Cardiac Application in all modes 6) SYSTEM COMPLETE WITH THE FOLLOWING FACILITIES AND ACCESSORIES: - 21-Inches Minimum LED Color Monitor, with Resolution 1920 x 1080 Pixels minimum. - 5 Active Transducer Connector for Tran Thoracic Probes - USB Ports for Image Storage to be Built-in to the System. - 1TB GB or more Hard Disk Drive to be built into the System. - Built-in DICOM Compatibility. - Touch Command Screen Control at least 14-inch LCD / TFT. - Built-in Rechargeable Li-ion Battery

DIRECTOR
SIMS, SHAHDADPUR

Assistant Commissioner
Shahdadaur

ASSISTANT DIRECTOR
Shahdadaur
Tehsil Shahdadaur

Approximately 1 hour of a typical Echo exam

7) STANDARD PROBES:

- 1 - 5 MHz Multi-Frequency Phased Array Probe (Matrix).
- 3 - 7 MHz Multi-Frequency Pediatrics Phased Array probe.

8) STANDARD RECORDING DEVICES:

- 9) Tissue Harmonic imaging without contrast.
- 10) Pure Wave / Pulse Inversion / Differential Tissue Harmonic Imaging or similar.
- Auto Image Optimization / Quick Scan Imaging for Automatic STC / GAIN and Doppler Spectrum Adjustment with Optimal Image Quality by using One-Touch Operation.
- 11) B-Flow / Dynamic Flow Imaging / X-Flow / E-Flow clarify for low flow vessels imaging.
- Trapezoid Imaging / Virtual Convex Imaging with Linear Probe.
- 12) Compound / Aplipure Imaging for THI/M View both Frequency Compounding
- 13) Stress Echo
- 14) Strain Imaging
- 15) AI based 2D measurements
- 16) AI based Doppler recognition
- 17 Voltage: 220V - 240V, 50 - 60 HZ
- Artificial intelligence features (optional)

Accessories:

- 1. Thermal Printer 256-Gray scale (Sony, Mitsubishi or equivalent)

FUTURE UPGRADES:

The unit should have the capability for up gradation of future software (shall be provided free of cost within the warranty period)

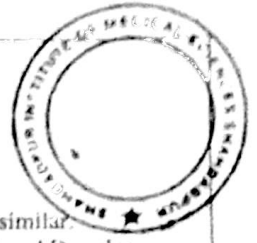
Country of manufacturer: USA/EU/JAPAN/UK or Equivalent

Warranty: 03 Years comprehensive warranty including service, spare parts, on manufactures letter head from date of installation with 98% uptime (on manufacturer letter head), comprehensive annual maintenance contract with 98% uptime from 4th to 10th year must be 7% or less.

Technical support: Must have trained engineer, with all spare parts and tools as per manufacturer recommendation in Sindh. The offered brand with similar or better model must have installations in at least 5 different institutes/hospitals in Pakistan. Demo/physical inspection may be requested by technical team. Must train End user and Biomedical Engineer as per manufacturer guidelines.

Documentation: Operational, installation, maintenance, service, spare parts manuals, PPM checklist, software and system backup in soft and physical copy to be provided before installation.

Standards and Certification: ISO 13485, 510(k) FDA (Food & Drug Administration) / European MDD 93/42/EEC (Medical Device Directive) / Japanese MHLW (Ministry of Health, Labor & Welfare) for specific quoted model. Original Equipment Manufacturer and Certificate of Origin.




DIRECTOR
SIMS, SHAHDADPUR


Assistant Commissioner
Shahdadpur


ASSISTANT DIRECTOR
Secy, Health
Taluka Shahdadpur

2

Dialysis
Machine

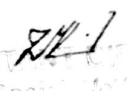
4

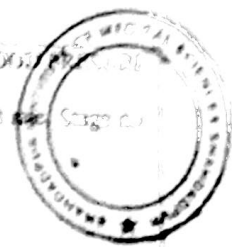
Universal Machine for use with any type of Standard Disposable
 Touch Screen OR Color graphical TFT LED display of 16"
 Single Needle and Double Needle system with single pump as standard
 Selectable dialysate flow from 300 to 800 ml/min
 Electronic control of blood pump flow between 50 to 600 ml/min
 Blood pump occlusion adjustment from 2 mm to 10 mm for both the adult and pediatric blood lines
 Automatic priming of the tubing system
 Realtime Monitoring of all parameters (Na, UF, BP, KT/V) both graphically and in text
 Arterial pressure monitoring and Venous Pressure Monitoring with graphical display
 Dialysate pressure indicator/TMP Indicator.
 Effective blood flow measurement and display
 Programmable Heparin pump with delivery rate from 0.1 to 10 ml/hr and with multiple bolus options
 Ultrasonic Air Bubble Detector, No possibility of bypass/over ride for patient
 Safety Optical detector in extra corporeal circuit for blood leak detection
 Blood Emptying & filling in venous chamber through electronics switches.
 Programmable Ultrafiltration rates from 200 to 4000 ml/hr
 Variable Temperature adjustment from 35°C to 39°C
 Automatic thermo (Hot) chemical disinfection at 80°C or above temperature
 Effective cleaning of dialysate pickup tubing during heat disinfection program
 Emptying program after the dialysis session to empty the dialyzer
 Variable sodium adjustment between 125 to 150 mmol/l
 Variable bicarbonate concentration/Proportioning
 UF, and Sodium Profiling
 Conductivity display range from 13.0 to 15.5 mS/cm with the step of 0.1 mS/cm or more
 Built-In module for automatic filling, mixing and empty in go dry bicarbonate concentrate
 End toxin retention filter for ultra pure dialysate
 Automatic replacement program for end toxin filter
 Automatic blood pressure management (BPM), display of all measurements in text and graphic for analysis, pressure
 Automatic blood pressure measurement at different intervals during treatment.
 Built-in battery backup 20-30 min
 The online monitoring of dialysis dose (online KT/V monitoring with graphical display).
 Display of plasma sodium concentration during dialysis session
 Quick and easy trouble shooting by real time function of each hydraulic part.
 Country of manufacturer: USA/EU/JAPAN/UK or Equivalent
Warranty: 03 Years comprehensive warranty including service, spare parts, Consumable spare parts on manufacturer's letter head from date of installation with 98% uptime (on manufacturer's letter head), comprehensive annual maintenance contract with 98% uptime from 4th to 10th year must be 7% or less.
Technical support: Must have trained engineer, with all spare parts and tools as per manufacturer recommendation in Sindh. The offered brand with similar or better model must have installations in at least 10 different institutes/hospitals in Pakistan. Demo/physical inspection may be requested by technical team. Must train End user and Biomedical Engineer as per manufacturer guidelines.
Documentation: Operational, installation, maintenance, service, spare parts manuals, PPM checklist, software and system backup in soft and physical copy to be provided before installation.
Standards and Certification: ISO 13485, 510(k) FDA (Food & Drug Administration) / European MDD 93/42/EEC (Medical Device Directive) / Japanese MHLW (Ministry of Health, Labor & Welfare) for specific quoted model. Original Equipment Manufacturer and Certificate of Origin.

DIRECTOR

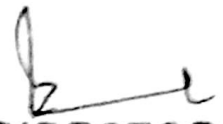
SIMS, SHAHDADPUR


 Assistant Commissioner
 Shahdadpur


 ASSISTANT DIRECTOR
 Social Welfare
 Taluka Shahdadpur

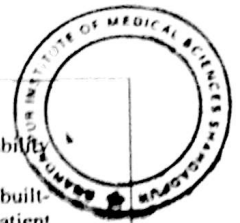


3	ETT System With Treadmill	1	WIRELESS PC BASED STRESS TEST SYSTEM WITH AUTOMATIC BLOOD PRESSURE MONITORING SYSTEM (E.T.T MACHINE) Branded Computer System with display 32inch for 12 lead ECG target heart rate Blood pressure Laser Printer Manufacture Trolley & voltage Stabilizer FEATURES: STRESS TEST SOFTWARE: RF Wireless signal for better ECG signal Stress test module with stress Software ECG Sample rate 4000samples/sec.16bit Line noise filter 50/60Hz with base line filter Low pass filter 20/35/40HZ RF communication is wider long range A4 Format Plain Paper Printing During the Test. High resolution ECG processing –ST measurement Arrhythmia Detection ,print& capture VPB and SVPB Easy interface To EMR (electronic Medical Records) , HIS & DICOM compatible ECG can be Replay during ETT of previous stage for comparing stored in memory and ECG capabilities for measurement retrieval. MEDICAL TREADMILL Work Load Maximum Speed: 20 km/h 12.4 mph Minimum Operational Speed: 0.5 km/h 0.3 mph Speed Adjustment Steps: 0.1 km/h 0.1 mph Comfort Height Handrail: 90 cm length of handrail 85CM Can hold Patient Weight: 225 kg 496 lbs. Connection & interface USB and RS232 Dimension Walking Surface Length: 150 cm 59.1 inch Walking Surface Width: 50 cm 19.7 inch Step up height: 17 cm 6.7 inch Power in Horse Power: 5.5 Hp Patient data storage capacity more than 500patient Country of manufacturer: USA/EU/JAPAN/UK or Equivalent Warranty: 03 Years comprehensive warranty including service, spare parts, Consumable spare parts on manufactures letter head from date of installation with 98% uptime (on manufacturer letter head), comprehensive annual maintenance contract with 98% uptime from 4th to 10th year must be 7% or less. Technical support: Must have trained engineer, with all spare parts and tools as per manufacturer recommendation in Sindh. The offered brand with similar or better model must have installations in at least 05 different institutes/hospitals in Pakistan. Demographic inspection may be requested by technical team. Must train End user and Biomedical Engineer as per manufacturer guidelines. Documentation: Operational, installation, maintenance, service, spare parts manuals, PPM checklist, software and system backup in soft and physical copy to be provided before installation. Standards and Certification: ISO 13485, 510(k) FDA (Food & Drug Administration) / European MDD 93/42/EEC (Medical Device Directive) / Japanese MHLW (Ministry of Health, Labor & Welfare) for specific quoted model. Original Equipment Manufacturer and Certificate of Origin.
4	Endoscopy System	1	Video Endoscopy System LATEST GENERATION SYSTEM WITH FULL HD HIGH DEFINITION Image Quality (1920x1080p) OR Better VIDEO ENDOSCOPY SYSTEM: General: Full HD FLEXIBLE ENDOSCOPY SYSTEM (1920x1080p Pixel resolution) will be used for upper, lower, ERCP & EUS endoscopes for diagnostic & therapeutic procedures. VIDEO PROCESSOR WITH TOUCH SCREEN & INTEGRATED VIDEO RECORDING UNIT (500GB) WITH IN-VIVO DIAGNOSIS (OPTICAL & DIGITAL


DIRECTOR
SINDH GOVT. HOSPITAL


Assistant Commissioner
Shahdadpur

ASSISTANT DIRECTOR
SINDH GOVT. HOSPITAL
Taluka Shahdadpur



ENHANCEMENT OR BETTER:

The image processor should have GPU system to increase the device service ability three more times or better.
Should provide high-quality images for endoscopic diagnosis and treatment. The built-in workstation should have image processor is used to edit, manage and store patient list and print reports.

Product Features:

- High-definition video imaging (1080P)
- Narrow Band Imaging/Versatile Intelligent Staining Technology/i-Scan feature.
- Automatic white balance
- Intelligent patient list management
- Multi-spectral imaging
- White balance memory
- AGC Structural enhancement - The structural enhancement includes structural enhancement A and structural enhancement B
- The structural enhancement A enhances the vessel networks and the structural enhancement B enhances the micro-vessel network.
- There are three modes (grade 1 - 3) and the enhancement level of each grade is level 0-15.
- Edge enhancement there are three enhancement modes (grade 1 - 3) and the enhancement level of each grade is level 0-15.
- Color tone adjustment - Red: level -15 - +15 - Blue: level -15 - +15 - Color saturation: level -15 - +15
- Color enhancement there are three enhancement modes (grade 1 - 3) and the enhancement level of each grade is level 0-15.
- IRIS - Automatic mode - Peak mode - Average mode.
- Zoom the zoom grades are grade 1- 3 (zoom step: 0.1) with the magnification 1-4. λ Image freeze/storage - Real time image freeze
- Methods: the remote button, keyboard or footswitch
- Display mode: standard or full-screen λ CHb pseudo-colour image display on or off.
- Local video record and playback.
- Image processor workstation - Patient list management: body mark marking, report templates with different typesetting's, customizable common diagnosis glossary and report headline, editable report, report searching, selectable report fields, report preview and print, image, video and report export - The medical digital images can be acquired, archived, transmitted, displayed and searched, and it is compatible with DICOM standard. λ Storage capacity: 500GB (standard configuration)

The system version can be upgraded.

Light Source LED:

- It has Dual LED light source.
- Electronic shutter with iris, Auto brightness & manual brightness mode adjustable.
- Pump settings available. Monitoring of lamp usage.
- With service/technical manual in English original.

All standard lists of accessories included.

HD MEDICAL GRADE MONITOR 32 INCHES OR BETTER:

Technical Details:

- High Definition 32" or Better Medical Grade Radiance G2 High Definition LCD Panel, LED backlight.
- HD Resolution (H x V) 1920 x 1080, 16:9 Aspect Ratio, colours 1.07 billion
- Inputs/Outputs: DVI, RGB, BNC, S-Video, HD-YPbPr, 3G-SDI, VGA
- Requirement 24 Volts DC (21.6 Volts minimum) with AC cord adapter. 50/60 Hz
- Degree of protection against electric shock.

Complete with all accessories including cables.

High Definition Video Gastroscope:

Technical Characteristics :

- High Definition Gastrovideoscope.

DIRECTOR
SIMS, SHAHDADPUR

Assistant Commissioner
Shahdarpur

ASSISTANT DIRECTOR
Soc. Welfare
Taluka Shahdarpur

- Scope should provide necessary enhancement with close focus and wide angulations, which enables mucosal observation, with Versatile Intelligent Staining Technology & HD Image quality or better.
- Digital electronic zoom with water jet system, it has large channel for improved suction & therapeutic access.
- Digital enhancement technology & new innovative Optical enhancement.
- Insertion/Distal End Diameter 9.3 mm or better
- Working length 1050mm or better
- Angle of view 140°.
- Focal range 3 – 10mm
- Instrument channel 2.8mm
- Wide range 4-way angulations
- Up 210°
- Down 90°
- Right 100°
- Left 100°

All standard lists of accessories included (Cleaning brushes, Rubber inlet seal, Silicone oil, ETO venting cap) should be available.

High Definition Video Colonoscope:

Technical Characteristics:

- High mega pixel Colonoscope for detailed, clear & improved visualization of mucosa.
- Scope should provide necessary enhancement with close focus and wide angulations which enables mucosal observation, with Digital & optical enhancement Technology.
- Colonoscope should have GDF (Graduated decreasing flexibility) to increase the patient comfort & examination procedure.
- Digital electronic zoom with water jet system, should have large channel for improved suction & therapeutic access.
- Diameter 12.0 mm Distal end
- Insertion Diameter 12.5 mm
- Working length 1050mm
- Angle of view 140°.
- Focal range 3 – 100mm
- Instrument channel 3.8mm
- Working length 1700mm
- Wide range 4-way angulations:
- Up 180°
- Down 180°
- Right 160°
- Left 160°
- Service/Technical manual in English.

All standard lists of accessories included (Cleaning brushes, Rubber inlet seal, Silicone oil, ETO venting cap) should be available.

Irrigation Pump

Technical Characteristics:

- Powerful Endoscopic Irrigation Pump is available which helps with rinsing tissues to remove blood, bubbles, faeces and other organic substances, improving the clarity of the field of vision during endoscopic diagnosis and treatment.
- Should have multiple level pumping with up to 270 ml/min maximum flow rate; pumps in real time without any delay.
- Should operate via foot switch to smooth the procedure for the endoscopist.
- Should have Single water pumping duration less than 20 seconds to avoid misoperation which must allows quick and safe exchange of water channel tubes without turning off the device.
- When the head pump is loose, the device should give voice alert (3s) and twinkle light warning.
- Should be compact and light-weight design for easy transportation and placement.
- Should have LED light indicator for clear vision even in a narrow space.

Assistant Commissioner
Shahdarpur

ASSISTANT DIRECTOR
Social Welfare
Taluka Shahdarpur



Maximum Flow Rate: 270 ml/min
Net Weight: 5.1 kg
Dimensions: 24.6 cm (W) × 17.7 cm (H) × 39.3 cm (D)
Water Supply Pressure: 400 kPa
Water Container Capacity: 2 L
Power Supply: 100–240 V
Frequency: 50/60 Hz
Power Rating: 60 VA

Package Must Include:

- SFP-1 Flushing Pump Unit • Peristaltic Pump Head • Water Container (2L) • Foot Switch
- Power Cable • Water Channel Tube

Endoscopy Cart Original From Same Manufacturer:

- Trolley based workstation
- Swivel arm for monitor
- Electrical wiring with sockets

Compatible with above system

High Definition Video Duodenoscope:(Optional)

Technical Characteristics:

- High Definition Duodenoscope imagery and available Versatile Intelligent Staining Technology, the enhanced mucosal patterns may help in identifying the papilla.
 - Should have support for therapeutic efficiency.
 - Should have a large 4.2 mm Channel allows the passage of most accessories and devices or better
 - Should have a dual locking mechanism, incorporated with the forceps elevator, reduce the risk of losing access and facilitates an easy exchange of accessories or better.
 - Should have a minimum 15° backward viewing angle, combined with a wide visual field or better.
- a) Field of view: 100°.
b) Direction of view : Backward side viewing 15°
c) Depth of view 4 – 60mm
d) Distal End Diameter: 13.5mm
e) Insertion tube Diameter: 11.3mm
f) Instrument channel Diameter 4.2mm
g) Working length 1250mm
h) Wide range 4-way angulations:
i) Up 120°
j) Down 90°
k) Right 90°
l) Left 100°
m) Service/Technical manual in English.


DIRECTOR
SIMS, SHAHDADPUR

All standard lists of accessories included (Cleaning brushes, Rubber inlet seal, Silicone oil, ETO venting cap) should be available.

Video Endoscopic Ultrasound (Optional)

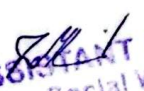
Technical Characteristics:

Ultrasound technology combined with endoscope design.

Widens staging and therapeutic options, fulfils and exceeds the most sought-after requirement from medical team, leveling up the vision and achievement behind the wall of the GI tract.

- Should have a 4.0-mm Instrument channel or better
- Should have a 12.6-mm Insertion diameter or better
- Should have a Short rigid distal end and small bending radius or better
- Should have a Scanning angle amounts to 150° or better
- Should have 4-12MHz acoustic frequency or better
- System should have all common modalities and Doppler technology.
- System should have Contrast-Enhanced Harmonic EUS and EUS Elastography.
- Ultrasound processor should generates top-quality images, leading to a more accurate


Assistant Commissioner
Shahdampur


ASSISTANT DIRECTOR
Social Welfare
Taluka Shahdampur



characterization of GI and Pancreaticobiliary tumours or better.

- The transducer should be of the latest generation with an improved electromagnetic shielding technology, which lessens the interference and reduces image artifacts or better.

Direction of View :	45° Forward oblique
Field of View	140°
Depth of Field	3-100mm
Working Channel Diameter	4.0 mm
Insertion Diameter	12.6 mm
Distal End Diameter	13.9 mm
Tip Deflection Up & Down	130°, 130°
Tip Deflection Left & right	120°, 120°
Working length	1250
Total length	1550
Scanning Mode	CD,CW,PW,B,M,THI
Scanning System	Longitude, Electronic, Convex
Scanning Angle	150°
Frequency	4-12MHz
Contact method	Direct contact
Scanning Method	Electronic
Probe Type	360° Radial, Linear, Sector, Convex,
Scanning Mode	Trapezoidal Display
Special Mode	B-Mode, M-Mode, Power Doppler, Color
Adaptive Multi-Beam Imaging	Doppler, Dynamic Flow, PW
Spatial Compound Technology	Elasto, Contrast Enhancement, THI
Monitor	Available
Touch Screen	Available
Wireless Wi-Fi	21.5 Inch with Flexible arm
Frequency	13.3 Inch
Outputs	Available
Internal Storage	1-17Mhz
	DVI, BNC, Y/C
	1TB. For still image, Video recording
Video Output	DVI, SDI, VGA, S-video, CVB
Patient Data	10,000 records or better
Data Management)	500GB built-in workstation, USB, DICOM)
Image Enhancement	Structure/Edge/Contrast
Others	Auto white balance, digital zoom, IRIS, AGC

Bronchoscope : (Optional)

Waterproof

Both scopes can be cleaned and disinfected directly.

System should have zero cables involved, and must have plug and play scope without interrupting the processor.

The system should provide Spectral Focused Imaging/Versatile Intelligent Staining Technology that can enhance visualization of surface structure and mucosal morphology, which helps to detect, demarcate and characterize airway inflammation and lesions.

The system should have slim diameter that allows physicians to visualize as deep as the fourth-order into the tracheobronchial tree, reaching a high diagnostic yield.

Direction of View :	Front Viewing
Field of View	120°
Depth of Field	2-100mm
Working Channel Diameter	4.0 mm
Outer Diameter of Distal End	4.9 mm
Tip Deflection Up & Down	180°, 130°
Working length	600mm
Instrument Channel	2.0mm

Country of manufacturer: USA/EU/JAPAN/UK or Equivalent

DIRECTOR
SIMS, SHAHDADPUR

Assistant Commissioner
Shahdadpur

ASSISTANT DIRECTOR
Social Welfare
Taluka Shahdadpur



		Warranty: 03 Years comprehensive warranty including service, spare parts, Consumable spare parts on manufactures letter head from date of installation with 98% uptime (on manufacturer letter head), comprehensive annual maintenance contract with 98% uptime from 4th to 10th year must be 7% or less. Technical support: Must have trained engineer, with all spare parts and tools as per manufacturer recommendation in Sindh. The offered brand with similar or better model must have installations in at least 5 different institutes/hospitals in Pakistan. Demo/physical inspection may be requested by technical team. Must train End user and Biomedical Engineer as per manufacturer guidelines. Documentation: Operational, installation, maintenance, service, spare parts manuals, PPM checklist, software and system backup in soft and physical copy to be provided before installation. Standards and Certification: ISO 13485, 510(k) FDA (Food & Drug Administration) / European MDD 93/42/EEC (Medical Device Directive) / Japanese MHLW (Ministry of Health, Labor & Welfare) for specific quoted model. Original Equipment Manufacturer and Certificate of Origin.
5	Defibrillator with Trolley	1 The defibrillator should be built on Biphasic concept. The modes of operation should be Synchronous and asynchronous. Features: Biphasic Defibrillator with 7" color monitor and recorder and built in rechargeable battery operated for measuring with 12 Lead ECG monitoring & printout. Semi-automatic 360 joules defibrillator with Monitor, AED, PACING & RECORDER Mode Charging time should be less than 3 seconds for 200 joules. Bi-Phasic waveform delivery system, ECG through paddles and patient cable. Synchronized output with ECG. Recorder speed 25mm/sec with standard paper, digital HR with low/high alarm, and Adult & Pediatric Paddles. Control of energy charging/ delivering on main panel and paddle & with energy selection from Paddles and Control (both). Charging time should be less than 2 Hours Sweep Speed: 12.5 mm/sec, 25 mm/sec, 50 mm/sec (user selectable) Operating Time: At least 4 hours of continuous ECG monitoring. Built-in Rechargeable battery with charger having capacity of 175 Shocks in single charge. ECG through Pads / paddles and 3 Lead ECG patient cable with arrhythmia detection Alarms for High and low Heart rate, low battery warning. Auto tester/self-check. Internal memory of 1000 events minimum 3 Level alarm system 3 Channel built-in thermal recorder with 3 channels (width 58mm). External Adults Paddles with integrated paddles for Pediatric, ECG cable with reusable electrodes for adult & Pediatric AC 220V / 50 Hz operated. OPTIONAL (MANDATORY TO QUOTE) 2 Channel Temperature 2 Channel Invasive Pressure High IMPORTED quality Mobile Cart with two lockable anti static casters Country of manufacturer: USA/EU/JAPAN/UK or Equivalent Warranty: 03 Years comprehensive warranty including service, spare parts, Consumable spare parts on manufactures letter head from date of installation with 98% uptime (on manufacturer letter head), comprehensive annual maintenance contract with 98% uptime from 4th to 10th year must be 7% or less. Technical support: Must have trained engineer, with all spare parts and tools as per manufacturer recommendation in Sindh. The offered brand with similar or better model must have installations in at least 10 different institutes/hospitals in Pakistan. Demo/physical inspection may be requested by technical team. Must train End user and Biomedical Engineer as per manufacturer guidelines. Documentation: Operational, installation, maintenance, service, spare parts manuals, PPM checklist, software and system backup in soft and physical copy to be provided before installation.

DIRECTOR

SIMS, SHAHDADPUR

Assistant Commissioner
Shahdadpur

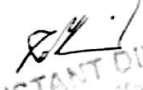
ASSISTANT DIRECTOR
Social Welfare
Taluka Shahdadpur

Standards and Certification: ISO 13485, 510(k) FDA (Food & Drug Administration) / European MDD 93/42/EEC (Medical Device Directive) / Japanese MHLW (Ministry of Health, Labor & Welfare) for specific quoted model. Original Equipment Manufacturer and Certificate of Origin.




DIRECTOR
SIMS, SHAHDADPUR


Assistant Commissioner
Shahdadpur


ASSISTANT DIRECTOR
Social Welfare
Taluka Shahdadpur

6

ECG Machine
with Trolley

2

Twelve Channels ECG on atleast 7 inches Color LCD/LED display or more Manual and

Automatic Operation

Variable Gain: 1.25, 2.5, 5, 10, 20, 10/5 mm/mV Interpretation

Software both Adult and Paeds

Recording Trace speed: 10/12.5, 25 and 50mm /sector better Defibrillator Protection

Built-in battery operation with 2 hours or more backup Heart rate range: 30 to 300 bpm or better

Noise Filter, High-Performance baseline filter; AC interference filter 50/60 Hz; Low-Pass filters 40Hz, 150Hz, or 300 Hz

Internal storage: up to 500 files or more

Capability to interface with LAN/WLAN for data transfer Thermal Recorder for printing out Twelve Channels simultaneously Operating Requirement: AC 220V & 50Hz

Securing/fixation to the mobile Cart by strap or other means must be provided Accessories:

Complete with all Standard Accessories, including patient cables for Adult Pediatric use with re-usable electrodes and for Neonatal use with re-usable /disposable electrodes

High quality local ECG Mobile Cart with two lockable anti static castors.

Country of manufacturer: USA/EU/JAPAN/UK or Equivalent

Warranty: 03 Years comprehensive warranty including service, spare parts, Consumable spare parts on manufacturer's letter head from date of installation with 98% uptime (on manufacturer letter head), comprehensive annual maintenance contract with 98% uptime from 4th to 10th year must be 7% or less.

Technical support: Must have trained engineer, with all spare parts and tools as per manufacturer recommendation in Sindh. The offered brand with similar or better model must have installations in at least 10 different institutes/hospitals in Pakistan. Demo/physical inspection may be requested by technical team. Must train End user and Biomedical Engineer as per manufacturer guidelines.

Documentation: Operational, installation, maintenance, service, spare parts manuals, PPM checklist, software and system backup in soft and physical copy to be provided before installation.

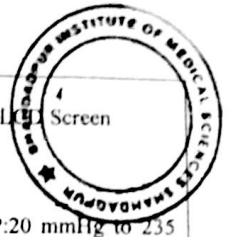
Standards and Certification: ISO 13485, 510(k) FDA (Food & Drug Administration) / European MDD 93/42/EEC (Medical Device Directive) / Japanese MHLW (Ministry of Health, Labor & Welfare) for specific quoted model. Original Equipment Manufacturer and Certificate of Origin.



DIRECTOR
SIMS, SHAHDADPUR

Assistant Commissioner
Shahdadpur

ASSISTANT DIRECTOR
Social Welfare
Taluka Shahdadpur



7 Vital Sign Monitor With Trolley

5

Adult, pediatric and neonatal patients' usage
Lightweight and portable 6" or better Screen Size or larger with color TFT - 12.1" Screen

Parameter:
NIBP:
Modes: Auto/Manual/Continuous /Average BP Mode
Adult:SYS:40 mmHg to 270 mmHg DIA:10 mmHg to 215 mmHg MAP:20 mmHg to 235 mmHg
Peads:SYS:40 mmHg to 230 mmHg DIA:10 mmHg to 180 mmHg MAP: 0 mmHg to 195 mmHg
Neo: SYS:40 mmHg to 135 mmHg DIA:10 mmHg to 100 mmHg MAP:20 mmHg to 110 mmHg

1. SPO2 Measuring Range: 0-100% Nelchore Technology
2. Perfusion Index Measuring Range: 0-10
3. Capable to calculate PR from NIBP & SPO2 both
4. Quick Switch Button for patient type

Network Interfaces and others:

5. Must have network interfaces
6. Capable of bi-directional communication with central station.
7. Must have HL7 protocol for integration with HIS.

Power Supply and Backup:

8. Voltage: 100 V to 240 V
9. Frequency: 50 Hz/60 Hz
10. Built-in battery with backup of 7h or more.

Accessories:

1. NIBP (Adult, Pediatric & Neonates) 1 each
2. SpO2 Probe Reusable (Adult, Pediatric & Neonates) 1 each

High quality local Mobile Cart with two lockable anti static castors.
Country of manufacturer: USA/EU/JAPAN/UK or Equivalent

Warranty: 03 Years comprehensive warranty including service, spare parts, Consumable spare parts on manufactures letter head from date of installation with 98% uptime (on manufacturer letter head), comprehensive annual maintenance contract with 98% uptime from 4th to 10th year must be 7% or less.

Technical support: Must have trained engineer, with all spare parts and tools as per manufacturer recommendation in Sindh. The offered brand with similar or better model must have installations in at least 10 different institutes/hospitals in Pakistan. Demo/physical inspection may be requested by technical team. Must train End user and Biomedical Engineer as per manufacturer guidelines.

Documentation: Operational, installation, maintenance, service, spare parts manuals, PPM checklist, software and system backup in soft and physical copy to be provided before installation.

Standards and Certification: ISO 13485, 510(k) FDA (Food & Drug Administration) / European MDD 93/42/EEC (Medical Device Directive) / Japanese MHLW (Ministry of Health, Labor & Welfare) for specific quoted model. Original Equipment Manufacturer and Certificate of Origin.

8 ICU Ventilator (Adult & Peads)

2

Ventilation: Microprocessor controlled powerful ventilation system mounted on trolley.
LCD/TFT color touch screen 12" or more.
Patient Range: Adult, Pediatrics and Neonate
Breathing classification: Volume Control, Pressure control, Pressure Regulated Volume Control, Pressure Supported.
Modes of Ventilation: sCMV, SIMV, APVCMV, APVSIMV, APRV, PCV+, P-SIMV, DuoPAP, APRV, NIV, NIV-ST.
nCPAP, nCPAP with pressure support, option should be present.
High flow oxygen therapy option should be present.
Closed loop Ventilation Modes should be Present
Automation of closed loop option must be available
Capnography, mainstream (volumetric) and side stream option should be present
SpO2 monitoring option should be present.
Automatic Leakage Compensation of upto 85L/min is required
TRC (tube resistance compensation) is required


DIRECTOR
SIMS, SHAHDADPUR


Assistant Commissioner
Shahdampur


ASSISTANT DIRECTOR
Social Welfare
Tahsil Shahdampur



Inspiratory and expiratory hold maneuver should be present
Lung recruitment Tool with Assessment and recruitment option should be present
Storage and display of not less than 1000 events with date and time
Should show real time visualization of the lungs with representations of lung compliance.
resistance and patient activity
Visual representation of patient's ventilator dependence is required
On Screen help of ventilator alarms is required
Ventilator should operate on Low pressure oxygen and High pressure oxygen as well
Proximal Flow sensor is required for adult Peads and Neonate.
Integrated Pneumatic and optional Aerogen Nebulizer should be present

Control:

Set & measured parameters simultaneously.
Measurement range/ specification:
Tidal volume Range: Adult/Ped: 20 to 2000 ml
Neonatal: 2 to 300 ml
O2 input flow: 80 l/min
Inspiratory pressure: 0 to 60 cmH2O
Maximum inspiratory flow: 240 l/min
Rate: 1 to 80b/min (Adult/Peads) 1-150 b/min (Neo)
I : E ratio : 1:9 to 4:1
Flow trigger (l/min): 1 to 20 (adult/Peads) 0.1 to 5.0, (Neo)
Pressure trigger (cmH2O): -0.1 to -15.0 (adult/peads) -0.1 to -15.0 (Neo)
Flow pattern selectable: Square, 50% decelerating, Sine, 100% decelerating
PEEP: 0 to 35 cm H2O
Trigger: flow and pressure selectable
Expiratory trigger sensitivity ETS (%) 5 to 80
FiO2/ O2 delivery: 21 to 100%
Flow for HiFlowO2 therapy (l/min): 2 to 80
Apnea backup: On, Off
P-ramp (ms) 0 to 2000
TRC compensation (%) 0 to 100

Monitoring Parameters:

Pressure: Auto PEEP, PEEP/CPAP, Driving pressure, ΔP_{insp} , Pmean, Ppeak, Pplateau, Pprox,
Volume: Exp MinVol, MVSpont, VTE, VTESpont, VTI, VLeak, MVLeak, Vt/IBW
Flow: Flow, InspFlow, Exp Flow
Time: CPR timer, I:E, fControl, fSpont, fTotal, TI, TE.
Lung mechanics: Cstat, P0.1, PTP, RCexp, Rinsp, RSB
Oxygen: Oxygen (%), O2 consumption

Functions: Suctioning tool, Screen lock, Print screen, Nebulization (pneumatic),
Manual breath

Loops: Display of P-V, V-Flow, P-Flow, V-FCO₂, V-PCO₂

Trending: Simultaneous display of 4 parameter trends for 1-, 6-, 12-, 24-, or 72- hours

Battery: Back-up of upto 2.5h with one battery

Two Hot Swappable batteries option should be present for extended battery backup upto 5hrs

Pneumatic specifications:

O2 Input pressure: 2.8 to 6 bar / 41 to 87 psi
Air: built-in turbine

To be supplied with disposable patient breathing circuits for Adult/Peads/Neonate and operating arm, operating manual, power cord, and trolley (only FDA approved)

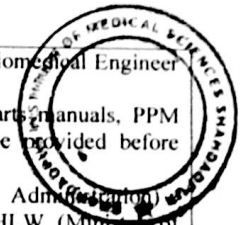
Country of manufacturer: USA/EU/JAPAN/UK or Equivalent

Warranty: 03 Years comprehensive warranty including service, spare parts, Consumable spare parts on manufactures letter head from date of installation with 98% uptime (on manufacturer letter head), comprehensive annual maintenance contract with 98% uptime from 4th to 10th year must be 7% or less.

Technical support: Must have trained engineer, with all spare parts and tools as per manufacturer recommendation in Sindh. The offered brand with similar or better model must have installations in at least 10 different institutes/hospitals in Pakistan. Demo/physical

Assistant Commissioner
Shahdada pur

ASSISTANT COMMISSIONER
Shahdada pur
Taluka Chundabow



9

Bipap Machine

2

inspection may be requested by technical team. Must train End user and Biomedical Engineer as per manufacturer guidelines.

Documentation: Operational, installation, maintenance, service, spare parts manuals, PPM checklist, software and system backup in soft and physical copy to be provided before installation.

Standards and Certification: ISO 13485, 510(k) FDA (Food & Drug Administration) / European MDD 93/42/EEC (Medical Device Directive) / Japanese MHLW (Ministry of Health, Labor & Welfare) for specific quoted model. Original Equipment Manufacturer and Certificate of Origin.

Therapy Modes – 0.4 – 2.0 kPa. CPAP Range- 0.4-25kPa.
IPAP Range – 0.4-25kPa. EPAP Range- 0.4 – 20 kPa
High Flow
Mode:
Provides heated and humidified high flow therapy with adjustable flow rate for patients in need of respiratory Support. Delivering up to 50 L/min of flow with precise Controlled oxygen™ concentration (21%-100% Oz).
Comprehensive
Safety Alarms::
Apnea Alarm, Pressure Alarm, Leak Alarm, Low Oxygen, High Pressure, Power Failure Enhanced
Humidification::
500mil large water chamber for longer operation time.
Convenient slide-out water tank design. Preheat humidifier for better comfort
User-Friendly
Design::
Easy-to-read 5-inch color screen. Multiple interfaces: WIFI, Bluetooth, Micro SD Card. Convenient oxygen port connection
Country of manufacturer: USA/EU/JAPAN/UK or Equivalent
Warranty: 03 Years comprehensive warranty including service, spare parts, Consumable spare parts on manufactures letter head from date of installation with 98% uptime (on manufacturer letter head), comprehensive annual maintenance contract with 98% uptime from 4th to 10th year must be 7% or less.
Technical support: Must have trained engineer, with all spare parts and tools as per manufacturer recommendation in Sindh. The offered brand with similar or better model must have installations in at least 10 different institutes/hospitals in Pakistan. Demo/physical inspection may be requested by technical team. Must train End user and Biomedical Engineer as per manufacturer guidelines.
Documentation: Operational, installation, maintenance, service, spare parts manuals, PPM checklist, software and system backup in soft and physical copy to be provided before installation.
Standards and Certification: ISO 13485, 510(k) FDA (Food & Drug Administration) / European MDD 93/42/EEC (Medical Device Directive) / Japanese MHLW (Ministry of Health, Labor & Welfare) for specific quoted model. Original Equipment Manufacturer and Certificate of Origin.

10

Plasma Air Purifier

2

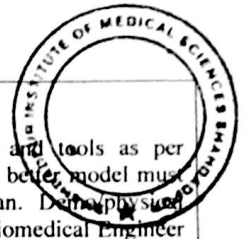
1. Captures 99.9% of viruses and bacteria.
2. 360° air suction for thorough air intake.
3. Real-time air quality sensor for monitoring.
4. Advanced HEPA filtration system.
5. Efficient and quiet BLDC motor.
6. Digital panel for easy control.
7. Three-stage filtration process.
8. Suitable for rooms up to 225 sq ft.
9. Digital panel, auto mode, and four-speed settings.

Country of manufacturer: USA/EU/JAPAN/UK or Equivalent
Warranty: 03 Years comprehensive warranty including service, spare parts, Consumable spare parts on manufactures letter head from date of installation with 98% uptime (on manufacturer letter head), comprehensive annual maintenance contract with 98% uptime from 4th to 10th


DIRECTOR
SIMS, SHAHDADPUR


Assistant Commissioner
Shahdampur


ASSISTANT DIRECTOR
Social Welfare
Taluka Shahdadpur



year must be 7% or less.

Technical support: Must have trained engineer, with all spare parts and tools as per manufacturer recommendation in Sindh. The offered brand with similar or better model must have installations in at least 10 different institutes/hospitals in Pakistan. Demo/physical inspection may be requested by technical team. Must train End user and Biomedical Engineer as per manufacturer guidelines.

Documentation: Operational, installation, maintenance, service, spare parts manuals, PPM checklist, software and system backup in soft and physical copy to be provided before installation.

Standards and Certification: ISO 13485, 510(k) FDA (Food & Drug Administration) / European MDD 93/42/EEC (Medical Device Directive) / Japanese MHLW (Ministry of Health, Labor & Welfare) for specific quoted model. Original Equipment Manufacturer and Certificate of Origin.

Continuous high-pressure performance.

Ultra-powerful compressor for both humidification and high flow

High-pressure nebulization of viscous medication.

Optimize medication delivery by aerosolizing to a particle size of < 2 microns.

Lightweight, durable and easy-to-clean design.

Detachable door that protect componentry.

Maximum Compressor Pressure: up to 80 psi

Quiet Operation: with a 51 dBA noise level, the heavy-duty air compressor is one of the quietest continuous aerosol compressors on the market.

Continuous high-pressure performance.

Country of manufacturer: USA/EU/JAPAN/UK or Equivalent

Warranty: 03 Years comprehensive warranty including service, spare parts, Consumable spare parts on manufacturer's letter head from date of installation with 98% uptime (on manufacturer letter head), comprehensive annual maintenance contract with 98% uptime from 4th to 10th year must be 7% or less.

Technical support: Must have trained engineer, with all spare parts and tools as per manufacturer recommendation in Sindh. The offered brand with similar or better model must have installations in at least 10 different institutes/hospitals in Pakistan. Demo/physical inspection may be requested by technical team. Must train End user and Biomedical Engineer as per manufacturer guidelines.

Documentation: Operational, installation, maintenance, service, spare parts manuals, PPM checklist, software and system backup in soft and physical copy to be provided before installation.

Standards and Certification: ISO 13485, 510(k) FDA (Food & Drug Administration) / European MDD 93/42/EEC (Medical Device Directive) / Japanese MHLW (Ministry of Health, Labor & Welfare) for specific quoted model. Original Equipment Manufacturer and Certificate of Origin.

Steam Inhaler & Vaporizer

Power Source: 220-240V-50HZ

Power: 290W

Steam Temperature : Approx. 40°C (at a distance of approx. 20cm from the tip of the nozzle)

Country of manufacturer: USA/EU/JAPAN/UK or Equivalent

Warranty: 03 Years comprehensive warranty including service, spare parts, Consumable spare parts on manufacturer's letter head from date of installation with 98% uptime (on manufacturer letter head), comprehensive annual maintenance contract with 98% uptime from 4th to 10th year must be 7% or less.

Technical support: Must have trained engineer, with all spare parts and tools as per manufacturer recommendation in Sindh. The offered brand with similar or better model must have installations in at least 10 different institutes/hospitals in Pakistan. Demo/physical inspection may be requested by technical team. Must train End user and Biomedical Engineer as per manufacturer guidelines.

Documentation: Operational, installation, maintenance, service, spare parts manuals, PPM

Assistant Commissioner
Shaheedpur

ASSISTANT DIRECTOR
Shaheedpur
Tahsil Shaheedpur



checklist, software and system backup in soft and physical copy to be provided before installation.

Standards and Certification: ISO 13485, 510(k) FDA (Food & Drug Administration) / European MDD 93/42/EEC (Medical Device Directive) / Japanese MHLW (Ministry of Health, Labor & Welfare) for specific quoted model. Original Equipment Manufacturer and Certificate of Origin.

BTU Capacity 18000 BTU
Compressor W 5300
Low Voltage Startup 150V
Eco Friendly Refrigerant R410A
Energy Efficient Class A+ 60%
Electricity saving
Auto Voltage Adaptation 150V-260V

COOLING

BTU/H Capacity (H/S/L*) 19100/17750/5118
Output Capacity (W) (H/S/L*) 5600/5200/1500
Power Input (W) (H/S/L*) 2100/1529/390
Energy Efficiency Ratio (EER) 3.6

HEATING

BTU/H capacity (H/S/L*) 22550/19600/4260
Output Capacity (W) (H/S/L*) 6600/5750/1450
Power Input (W) (H/S/L*) 2200/1580/390
Energy Efficiency Ratio (EER) 3.6

With compatible imported/export quality stabilizer.

Complete installation and commissioning are the responsibility of the vendor

Country of manufacturer: USA/EU/JAPAN/UK or Equivalent

Warranty: 03 Years comprehensive warranty including service, spare parts, Consumable spare parts on manufactures letter head from date of installation with 98% uptime (on manufacturer letter head), comprehensive annual maintenance contract with 98% uptime from 4th to 10th year must be 7% or less.

Technical support: Must have trained engineer, with all spare parts and tools as per manufacturer recommendation in Sindh. The offered brand with similar or better model must have installations in at least 20 different institutes/hospitals in Pakistan. Demo/physical inspection may be requested by technical team. Must train End user and Biomedical Engineer as per manufacturer guidelines.

Documentation: Operational, installation, maintenance, service, spare parts manuals, PPM checklist, software and system backup in soft and physical copy to be provided before installation.

Standards and Certification: ISO 13485, 510(k) FDA (Food & Drug Administration) / European MDD 93/42/EEC (Medical Device Directive) / Japanese MHLW (Ministry of Health, Labor & Welfare) for specific quoted model. Original Equipment Manufacturer and Certificate of Origin.

Section - A

Scope: Supply, delivery, testing and commissioning of a brand-new Diesel Generator Set of 200 KVA, complete with acoustic canopy and all standard accessories, suitable for continuous and standby power applications.

1. General Requirements

The generator set shall be brand new, prime rated, and complete in all respects, suitable for continuous operation.

- Rated Capacity: 200 KVA / 160 KW
- Rated Speed: 1500 RPM
- Type: Diesel Engine-Driven Generator Set
- Phase Configuration: Three Phase
- Frequency: 50 Hz
- Power Factor: 0.8 (Lagging)
- Ambient Temperature Rating: Suitable for operation up to 50°C
- Cooling System: High-capacity radiator with thermostatic cooling
- Starting System: Electric start system operating on 12/24 VDC

DIRECTOR
SIMS, SHAHDADPUR

Assistant Commissioner
Shahdada pur

ASSISTANT DIRECTOR
Social Welfare
Taluka Shahdadpur

- Fuel Type: High Speed Diesel (HSD)
- The generator shall be suitable for operation under local climatic and environmental conditions prevailing in Pakistan.

2. Standards & Compliance

The generator set shall comply with the latest editions of the following standards (or equivalent international standards):

- ISO 8528 (Parts 1–10) – Generator Set Performance & Ratings
- BS 5514 / ISO 3046 – Engine Performance
- IEC 60034 / EN 60034 – Alternator Standards
- ISO 9001 – Manufacturing Quality
- Noise Directive: 2000/14/EC or equivalent
- Low Voltage Directive: 2014/35/EU or equivalent
- EMC Directive: 2014/30/EU or equivalent

Compliance certificates shall be provided with the bid.

3. Engine

- Make:
- Type: Four Stroke, Turbocharged, Water Cooled Diesel Engine
- Governor: Electronic Governor
- Engine shall be directly coupled to alternator via flexible coupling.
- Complete with:
 - Lube oil system
 - Fuel system
 - Air intake and exhaust system
 - Standard safety protections (low oil pressure, high water temperature, over speed, etc.)

4. Alternator

- Make:
- Type: Brushless, Self-Excited, Synchronous Alternator
- Insulation Class: H
- Protection Class: Minimum IP23
- AVR-controlled, $\pm 1\%$ voltage regulation
- Harmonic distortion shall be within IEC limits.
- Frequency dip $< 20\%$ at full load with 97% recovery within ≤ 0.2 sec
- High short-circuit ratio, stable voltage under nonlinear load

5. Control Panel

- Microprocessor-based Auto Start / Auto Mains Failure (AMF) controller
- Digital monitoring of:
 - Voltage, Current, Frequency,
 - RPM, Engine hours, Oil pressure,
 - Coolant temp, Battery volts
 - Fault indications & alarms
- Compatible with ATS operation
- Remote monitoring & communication capability (RS-485 / CAN bus)
- Integrated digital fuel management system
- Make: Reputable internationally recognized brand

(h) Base Frame & Mounting

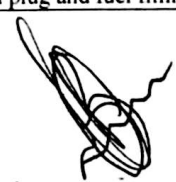
- Heavy-duty fabricated steel base frame
- Integrated fuel day tank with minimum 8–10 hours running capacity at 75% load
- Anti-vibration mountings between engine/alternator and base frame
- Lifting lugs and forklift pockets

(h) Acoustic Canopy

- Factory-fitted weatherproof and soundproof canopy
- Fabricated from heavy-gauge CRCA steel
- Powder-coated / liquid painted
- Noise Level: $\approx 70-75$ dB(A) @ 7m
- Features:
 - Lockable access doors. Proper ventilation with rain louvers
 - Internal exhaust silencer
 - Residential-grade exhaust system
 - Drain plug and fuel filling provision




DIRECTOR
 SIMS, SHAHDADPUR


Assistant Commissioner
 Shahdada Pur


ASSISTANT DIRECTOR
 Social Welfare
 Taluka Shahdada Pur



- IP23 or better protection
- (h) Accessories (Included)**
- Starting batteries with battery rack and cables
- Exhaust silencer (residential type)
- Standard tool kit
- Operation & Maintenance manuals
- Factory test certificates

9. Warranty

- 2 year or 3000 operating hours, whichever occurs first
- Includes parts, service & consumables (oil, filters, etc.)

First service at 60 hours / next at 150 hours

SECTION - B

INSTALLATION, ATS PANELS & COMMISSIONING

(h) ATS / AMF Panels (1 Job)

Supply, installation and commissioning of Main ATS AMF + MOR Panels for 200 KVA generator, fabricated from CRCA steel, floor-mounted, powder coated, IP54 protection, complete with:

- MCCB, 4 Pole, 400 Amp, 35 kA breaking capacity – 03 Nos
- Pilot lamps, Red, Yellow & Blue, 220 Volts AC – 06 Nos
- MCB, 1 Pole, 2 Amp – 06 Nos
- Automatic Transfer Switch (ATS), 400 Amp, suitable for AMF operation – 01 Set
- Motorized Changeover Switch (MOR), 400 Amp, 3 Pole – 01 No
- Current Transformers (CTs), 400 / 5 Amp – 03 Nos
- Digital Multi meter, panel mounting, 96 × 96 mm – 01 No
- Hand / Off / Auto selector switch – 01 No
- Pilot lamps, Red, Yellow & Blue, 220 Volts AC – 03 Nos
- MCB, 1 Pole, 2 Amp – 02 Nos
- Phase Failure Relay with Under Voltage Relay (UVR) – 01 No
- Timer Relay, AC 220 Volts, complete with base – 02 Nos
- Control terminals, 2.5 mm² – 04 Nos
- Copper busbar set No. 1, phase bar 5 × 40 mm (Luvata make) – 01 Set, complete with neutral bar 5 × 40 mm
- Copper busbar set No. 2, phase bar 5 × 40 mm (Luvata make) – 01 Set, complete with neutral bar 5 × 40 mm

Acceptable component makes: ABB / Schneider / Siemens / Terasaki / LS / CHINT or equivalent

Providing, fabricating, supplying, and installing floor-mounted electrical panel cabinet constructed from 2.0 mm thick MS sheet for frame and 1.5 mm thick MS sheet for cover, complete with powder-coated finish, suitable for 500 Volts, 3-Phase, 4-Wire, 50–60 Hz system, having protection class IP-54, complete with all necessary hardware, hinges, locks, gaskets, earthing studs, and ventilation provisions, with overall cabinet size: Width 750 mm × Height 1600 mm × Depth 250 mm, complete in all respects.

2. Power & Earthing Cables

- Supply, laying, termination and testing of:
- 150 mm² × 4 Core power cable (200 Rft). 50 mm² single core earthing cable (150 Rft)
- Cable brands: Pakistan Cables / Siemens / Fast Cable or approved equivalent
- Includes excavation, sand bedding, protective tiles, backfilling, glands, lugs, testing & commissioning.

3. Earthing System (2 Jobs)

- Complete earthing system using:
- Pure copper earth plate. Excavation up to 25 ft depth. 10 ft core copper terminal
- Connection with 35 mm² pure copper grounding cable. Base plate box with insulators
- Backfilling using approved earthing compound
- Earth resistance shall be less than 1 Ohm. Complete in all respects as per standard engineering practice.

4. Exhaust Extension (2 Jobs)

- Supply and installation of 4" exhaust piping using stainless steel pipe
- Proper supports, bends, insulation and alignment. Safe routing of exhaust gases outside premises

5. Complete Installation & Commissioning (1 Jobs)


Assistant Commissioner
Shahdadpur


ASSISTANT DIRECTOR
Social Welfare
Taluka Shahdadpur

- Placement, alignment and mounting of generator
- Electrical & mechanical connections. ATS integration. Load testing. Functional testing.
- Final commissioning
- Training of client staff (basic operation)
- Country of manufacturer: USA/EU/JAPAN/UK or Equivalent
- Warranty:** 03 Years comprehensive warranty including service, spare parts, Comprehensive spare parts on manufactures letter head from date of installation with 98% uptime (on manufacturer's letter head), comprehensive annual maintenance contract with 98% uptime from 4th to 10th year must be 7% or less.

Technical support: Must have trained engineer, with all spare parts and tools as per manufacturer recommendation in Sindh. The offered brand with similar or better model must have installations in at least 5 different institutes/hospitals in Pakistan. Demo/physical inspection may be requested by technical team. Must train End user and Biomedical Engineer as per manufacturer guidelines.

Documentation: Operational, installation, maintenance, service, spare parts manuals, PPM checklist, software and system backup in soft and physical copy to be provided before installation.

Standards and Certification: ISO 13485, 510(k) FDA (Food & Drug Administration) / European MDD 93/42/EEC (Medical Device Directive) / Japanese MHLW (Ministry of Health, Labor & Welfare) for specific quoted model. Original Equipment Manufacturer and Certificate of Origin.

BP Apparatus

One BP apparatus with wall mounted large dial type 5" /6" with Cuff and stethoscope.

First Aid Bag

First Aid Bag Made of very strong water proof PVC coated washable red parachute cloth. Designed to store and including the following items:-

- Pyodine Solution. (01)
- Dressing Scissor. (01)
- Cicatrin Powder. (01)
- 4x4 Gauze Pad. (04)
- Sticking Tape. (01)
- Cotton bandages. (04)

Flooring

Made of water and termite proof half inch thick ply-wood. The floor will be carpeted with flexible, non-slip, non-standing, and water proof and washable special Vinyl covering at-least 1.6mm thick in a single piece flooring. All side gaps would be sealed with silicon.

Window Glasses

A high quality of frosted vinyl sticker on 2/3 of patient compartment windows.

Oxygen

01 brand new MF imported Chinese oxygen cylinder 10 liters capacity with high pressure piping made of imported flexible material and sockets and connectors. The pressure regulator of cylinder will be present. Oxygen would be delivered through two outlets with one flow meter and mask.

The cylinder can be accessed through the left sliding door.

Stethoscope

First Aid Box

Electrical System

All electrical wiring of ambulatory compartment would be without any joints.

All wires would be of brand new and would be of High-quality material.

There would be a one DC socket in the utility panel.

Medical Cabinet

Medical Cabinet for different medical utility items.

Made of high-quality non-staining, rust proof, water proof FG material & foam board composite material. The cabinet will have 2-3 sliding drawer for various items under the tap.

This cabinet will also have a water storage tank and a wash basin on top with tap.

Fabrication
works For
Ambulance

15

1

DIRECTOR

SIMS, SHAHDADPUR

Assistant Commissioner
Shahdadpur

ASSISTANT DIRECTOR
Social Welfare
Taluka Shahdadpur

The water tank and oxygen cylinder can be accessed through the left sliding door.

P.A System &

Emergency

Lighting

Emergency light 24 inch and PA system with siren/ hooter system of at least 100 watt output. All external and internal lighting to be LED.

Fire Extinguishers 1-2 Kg DCP in Driver compartment.

Branding

Red Crescent Sign and word "AMBULANCE" on front / rear sides and name of institution with logo on left and right sides or (as per client requirement) with reflecting stripe around the Ambulance.

Utility Panel

Utility panel specially designed for medical use made of Fiberglass/Composite Lightboard:

- Two oxygen outlets
- One oxygen flow meter with humidifier and oxygen mask
- All control switches.
- Mini Fuse Box
- One 12-volt DC socket

Invertor with extra

battery 40 to 50 amp

& utility socket

There will be provided a 500-watt invertor with extra 40 amp to 50-amp battery along with 2 to 3 sockets on appropriate place in ambulance, and also will be provided a power inlet on the side of ambulance where wapda electricity available.

Ceiling Panel

Panel attached in the ceiling of the vehicle which holds multiple functions as well as an aesthetic appeal.

Contains 02 LED lights to provide a well-lit interior. . Foldable IV hook for emergency use while transferring patients.

Attendants Bench

Side bench for attendants. Strong construction with complete pieces of MDF sandwiched between layers of fiber glass. Made from special purpose molds. Seamless bottom part with slight designing.

Good hinges used for lifting and closing benches. Upholstered with good quality raxine with 3in foam properly shaped. Heat sealed and fitted properly. Proper back made according to bench with same raxine as with the seat.

Overhead Cabinet

Overhead cabinet on the ride side of the vehicle for storage of items.

The cabinet is duly finished with matching aesthetics of the vehicle to provide a finish.

Syringe Cutter

One syringe cutter.

Hand Search Light Rechargeable LED hand search light.

I.V Hook

Hook for intravenous infusion set will be placed at an appropriate place.

Local Made painted Material.

Partition Wall

Semi partial partition wall in between driver and patient compartment made of composite foam board material which is completely waterproof and rust proof. T

Fixed Main

Stretcher

Aluminum Alloy, mainly used in the Ambulance car and transfer patient in the hospitals.

- Adjustable backrest
- Adjustable I.V Pole.
- Wheel Break systems.

Folding Stretcher

Bedding area made of very strong water-resistant PVC coated washable orange parachute cloth and special carrying bag made of parachute and structure made



DIRECTOR
SIMS, SHAHDADPUR

Assistant Commissioner
Shahdada Pur

ASSISTANT DIRECTOR
Secy. II, Dufferin
Taluka Shahdada Pur

of 1 1/4" round light-weight aluminum alloy.

Side sheets

Side sheets of the rear cabin doors and inside of the vehicle will be replaced with composite material foam board.

Paint

All internal fabrication parts of ambulance will be with 2K Automotive paint.

Country of manufacturer: China, Local Pak Imported

Warranty: 03 Years comprehensive warranty including service, spare parts, Consumable spare parts on manufacturer's letter head from date of installation with 98% uptime (on manufacturer's letter head), comprehensive annual maintenance contract with 98% uptime from 4th to 10th year must be 7% or less.

Technical support: Must have trained engineer, with all spare parts and tools as per manufacturer recommendation in Sindh. The offered brand with similar or better model must have worked in at least 5 different institutes/hospitals ambulances in Pakistan. Demo/physical inspection may be requested by technical team. Must train End user and Biomedical Engineer as per manufacturer guidelines.

Documentation: Operational, installation, maintenance, service, spare parts manuals, PPM checklist, software and system backup in soft and physical copy to be provided before installation.

Standards and Certification: ISO 13485, 510(k) FDA (Food & Drug Administration) / European MDD 93/42/EEC (Medical Device Directive) / Japanese MHLW (Ministry of Health, Labor & Welfare) for specific quoted model. Original Equipment Manufacturer and Certificate of Origin.

Dimensions: 78" x 36" x 22" • Patient lying area in three sections • Reinforced 1mm thick MS sheet platform • Bed frame made of ABS Head and foot • Back-rest adjustable screw cranks • Crank handles to be latched under foot end • Head Section and height adjustment using Crank • Holder sockets for IV pole at diagonal ends of the bed • foot -end brake and steer individual brake on castor wheels Imported • Working load capacity: 120 Kg • Electrostatic epoxy powder coated finish Accessories: 1) Beside IV Pole Should be adjustable height 5 feet from the bed position 2) Railing should be imported material with handle MATTRESS: -Foam Mattress 'A' Grade with 2 Rexene Cover -Dimensions: 78" x 36" x 4" -10 years warranty

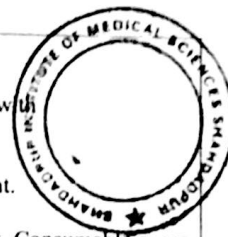
Country of manufacturer: China, Local Pak imported

Warranty: 03 Years comprehensive warranty including service, spare parts, Consumable spare parts on manufacturer's letter head from date of installation with 98% uptime (on manufacturer's letter head), comprehensive annual maintenance contract with 98% uptime from 4th to 10th year must be 7% or less.

Technical support: Must have trained engineer, with all spare parts and tools as per manufacturer recommendation in Sindh. The offered brand with similar or better model must have installations in at least 10 different institutes/hospitals in Pakistan. Demo/physical inspection may be requested by technical team. Must train End user and Biomedical Engineer as per manufacturer guidelines.

Documentation: Operational, installation, maintenance, service, spare parts manuals, PPM checklist, software and system backup in soft and physical copy to be provided before installation.

Standards and Certification: ISO 13485, 510(k) FDA (Food & Drug Administration) / European MDD 93/42/EEC (Medical Device Directive) / Japanese MHLW (Ministry of Health, Labor & Welfare) for specific quoted model. Original Equipment Manufacturer and Certificate of Origin.



16

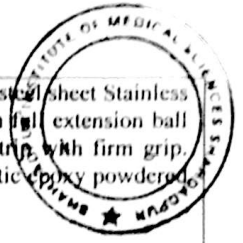
Patient Bed
Adult

15

DIRECTOR
SIMS, SHAHDADPUR

Assistant Commissioner
Shahdadpur

ASSISTANT DIRECTOR
Social Welfare
Taluka Shahdadpur



17	Bed Side Cabinet	15	Dimension: 16 x 18 x 32 (inches). Cabinet made of 1 mm thick galvanized steel sheet Stainless steel top or Fiber top. Drawer 3" depth having sheeted inbuilt handle with full extension ball bearing railing. Cabinet door having sheet inbuilt handle and magnetic strip with firm grip. Recessed shelf, removable. Mobile on 2" imported twin castors. Electrostatic epoxy powdered coating finished. Country of manufacturer: China, Local Pak imported Warranty: 03 Years comprehensive warranty including service, spare parts, Consumable spare parts on manufactures letter head from date of installation with 98% uptime (on manufacturer letter head), comprehensive annual maintenance contract with 98% uptime from 4th to 10th year must be 7% or less. Technical support: Must have trained engineer, with all spare parts and tools as per manufacturer recommendation in Sindh. The offered brand with similar or better model must have installations in at least 10 different institutes/hospitals in Pakistan. Demo/physical inspection may be requested by technical team. Must train End user and Biomedical Engineer as per manufacturer guidelines. Documentation: Operational, installation, maintenance, service, spare parts manuals, PPM checklist, software and system backup in soft and physical copy to be provided before installation. Standards and Certification: ISO 13485, 510(k) FDA (Food & Drug Administration) / European MDD 93/42/EEC (Medical Device Directive) / Japanese MHLW (Ministry of Health, Labor & Welfare) for specific quoted model. Original Equipment Manufacturer and Certificate of Origin.
----	------------------	----	---

All pages of bid should be readable, the blur images would not be considered

Technical qualified bidder has to submit demo sample for evaluation and will be informed in advance to make the necessary arrangement for submission of demo sample If a company/firm fails to submit a demo sample of quoted items despite being technically qualified, the supplier will be considered as non-responsive.

All Bidders Are Required to Submit Their Bid for Any as Per Prescribed Form ". Price Schedule" Annexure-B & Annexure-C (Mandatory)


Assistant Commissioner
Shahdadpur


DIRECTOR
SIMS, SHAHDADPUR


ASSISTANT DIRECTOR
Social Welfare
Taluka Shahdadpur

Bid Form (Annexure-A)

Date: _____

IFB N^o: _____

To: [name and address of procuring agency]

Gentlemen and/or Ladies:

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

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

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

We agree to abide by this Bid for a period of [number] days from the date fixed for Bid opening under Clause 22 of the Instructions to Bidders, and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

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

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

Name and address of agent	Amount and Currency	Purpose of Commission or gratuity
_____	_____	_____
_____	_____	_____
_____	_____	_____

(if none, state "none")

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

Dated this _____ day of _____ 26_____.

[signature]

[in the capacity of]

Duly authorized to sign Bid for and on behalf of _____

Price Schedule (Form)

PRICE SCHEDULE IN PAK RUPEES
Delivered Duty Paid (DDP BASIS)

Assistant Commissioner
 Shahdادر

DIRECTOR
SIMS, SHAHDADPUR
 (Annexure-B)

ASSISTANT DIRECTOR
 Social Welfare
 Taluka Shahdادر

~~\$1M~~ will be

Total Amount in Pak Rs. on DDP Basis

741
ASSISTANT DIRECTOR
Social. & L. & P.
Taluka Shahdolpur

**PRICE SCHEDULE IN PAK RUPEES
(CNF/ C&F / CPT - KARACHI BASIS)**

Annexure-C)

Financial Proposal of Procurement Plant, for Procurement of medical equipments, machinery, instruments, furniture & fixture, Generator 200 KV and other items for SIMS Shahdadpur.items will be submitted as per mentioned below format.

1	2	3	4	5	6	7	8	9	10	11
S no	Detailed Specification of Goods	Model / Cat No.	Country of origin	Year of Manufacturing	Name of Manufacturer	Port of Shipment	Qty	Currency	Per Unit price Foreign Currency	Total Price Foreign Currency
Total Amount in Foreign Currency										

Name of Company: _____

Authorized Signature with Sealed: _____

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

The bidder is required to submit quotes in DDP, CNF, C&F, and CPT formats in their financial proposal. The Procuring Agency reserves the right to evaluate each bid based on any of these terms (DDP, CNF, C&F, or CPT) during the financial assessment and may award the contract accordingly.

Assistant Commissioner
Shahdarpur

DIRECTOR
SIMS, SHANDAPUR

ASSISTANT DIRECTOR
Social Welfare
Taluka Smandadour

Contract Form

(Annexure-D)

THIS AGREEMENT made the ____ day of ____ 2026 between **Shahdadpur Institute of Medical Science (SIMS), Government of Sindh of Pakistan** (hereinafter called "the Procuring agency") of the one part and **M/S. (Name of Supplier)** (hereinafter called "the Supplier") of the other part. Following items were agreed upon by both parties:

Item No.	Description	Quoted Rate	Quantity Ordered	Total Value in Figure
Grand Total to Rs/Foreign Currency				Rs./FC /-

WHEREAS the Procuring agency invited bids for provision of goods at Sindh Institute of Child and Health Neonatology (SIMS), Government of Sindh has accepted a bid of the supplier **M/s (Name of Bidder)** for the **(Name of Tender)** for the supply of those goods in the sum of **Rs. (Awarded Amount) (Rupees in Words Only)** (Hereinafter called "the contract price")

The supplier hereby declares that it has not obtained or induced the procurement of any contract, right, interest privilege or other obligation or benefit from Government of Sindh or any administrative subdivision or agency there of any other entity owned or controlled by it (GOS) through any corrupt business practice.

Without limiting the generality of the foregoing, the supplier represents and warrants that it has fully declared the brokerage, commission, fees etc. paid or payable to any one 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, include its affiliate, agent, associate broker, consultant, director, 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 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.

The Supplier certifies that it has made and will make full disclosure of all agreements and arrangements with all persons in respect of 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.

The Supplier accepts full responsibility and strict liability for making any false declaration, not making full disclosure, misrepresenting facts or taking any action likely to defeat the purpose of this declaration, representation and warranty. It agrees that any contract, right, interest, privilege or other obligation or benefit obtained or procured as aforesaid shall, without prejudice to any


DIRECTOR
SIMS, SHAHDADPUR

Assistant Commissioner
Shahdadpur


ASSISTANT DIRECTOR
Social Welfare
Taluka Shahdadpur

other right and remedies available to GOS under any law, contract or other instruments, be avoidable at the GOS.

Notwithstanding any right and remedies exercised by GOS in this regard, the seller agrees to indemnify GOS for any loss or damage incurred by it on account of its corrupt business practices and further pay compensation to GOS in an amount equivalent to ten times the value of any commission, gratification, bribe, finder's fee or kickback given by the seller as aforesaid for the purpose of obtaining or including the procurement of any contract, right, interest, privilege or other obligation or benefit in whatsoever form GOS.

The supply will have to be delivered at the premises at the premises of SIMS at the supplier's risk and cost. Any breakage or shortage of stock will be recovered from the supplier. We also hereby categorically confirm that the stores offered by us are exactly to the particulars and specification as laid down in your tender enquiry & purchase order. Certified that the process quoted to this institute against tender are not more than the prices charged from any other purchasing agencies in the country and in case of any discrepancy, the seller hereby undertakes to refund the price charged in excess. Supplier guarantees that the said equipment shall be brand new of latest technology without defects or blemish and shall meet the standard and specifications stated in their offer.

The supplier will provide warranty services as per the terms and condition such as first three years' warranty with parts if any and further two years' free services without parts and 03 years' warrantee for the availability of spares and Engineering backup.

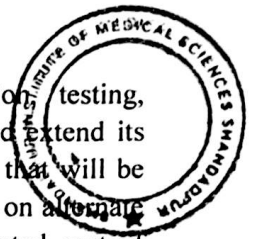
The supply should be completed within the time period of 120 days for market available equipment's/items and the delivery period can be extended by the competent authority for 10 days if reason is genuine. To be imported via customs should be termed as 120 days for the supply after the issuance of purchase order otherwise a penalty of @ 0.1% of total value of equipment per day will be imposed and subject to a maximum to 10%, which will be deducted from their earnest/ security money. After expiry of delivery period the competent authority have the right to forfeit earnest/ security money to the government account. In case of non-supply of store against the purchase order by the seller their earnest/ security money will be forfeited. Earnest/ security money can be used for realizing penalty/ fines or compensation of cost in case of non-supply. The security money will be refunded after expiry of warranty period. The warranty will commence from handing over, satisfactory installation of the equipment. Supplier guarantees availability of spare parts of the equipment manufactured by them for a period of at least 05 years from the date of purchase, Service Reports for all Maintenance Activities to be signed by end user and Bio- Medical Engineering representative and provided to SIMS Bio-Medical Engineer on as and when basis. An annual uptime of 95% will be considered as acceptable level of performance. All system servicing shall be performance by qualified engineers.

Qualified and fully trained system experienced service support will be available from principal as a backup. Primary backup shall be provided from seller's Office. All maintenance inspection detailed here in above shall be scheduled between 09:00 A.M to 04:00 P.M hours, Mon – Sat,


DIRECTOR
SIMS, SHAHDADPUR
Assistant Commissioner
Shahdampur


ASSISTANT DIRECTOR
Social Welfare
Taluka Shahdampur

excluding public holidays. This maintenance includes all clearing, lubrication, testing, alignment and replacement of parts necessary to minimize equipment failures and extend its useful life. The seller will be bound to maintain list of all test equipment/ spares that will be stocked. In case of winding tip of his business the supplier shall be bound to make on alternate arrangement of spares and maintenance of equipment. In case of default depreciated cost of equipment will be recoverable from him.



Vendor / Supplier will be responsible for pre-requisition installation, free of cost and also responsible for pre-installation work if required. Any major & minor part becoming faulty during warranty period will to be supplied by the firm at their cost. If it is declared at the later stage that the supplied item(s) were of inferior quality the same will be replaced by the concerned firm at their own risk and cost.

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

Signed, sealed, delivered by
(DIRECTOR)
Shahdadpur Institute of Medical Science
Shahdadpur

Signed, sealed, delivered by
(Senior Designation)
(Name of Supplier firm/organization)


DIRECTOR
SIMS, SHAHDADPUR


Assistant Commissioner
Shahdadpur


ASSISTANT DIRECTOR
Social Welfare
Taluka Shahdadpur

Performance Security Form



To: [name of Procuring agency]

WHEREAS [name of Supplier] (hereinafter called "the Supplier") has undertaken, in pursuance of Contract No. [reference number of the contract] dated _____ 25 _____ to supply [description of goods and services] (hereinafter called "the Contract").

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

AND WHEREAS we have agreed to give the Supplier a guarantee:

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

This guarantee is valid until the _____ day of _____ 26 _____.

Signature and seal of the Guarantors

[name of bank or financial institution]

[address]

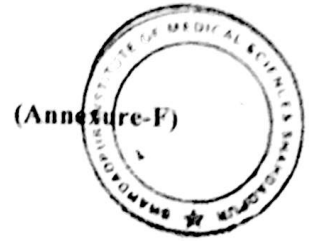
[date]


DIRECTOR
SIMS, SHAHDADPUR


Assistant Commissioner
Shahdarpur


ASSISTANT DIRECTOR
Social Welfare
Taluka Shahdarpur

Bank Guarantee for Advance Payment



To: [name of Procuring agency] [name of Contract]

Gentlemen and/or Ladies:

In accordance with the payment provision included in the Special Conditions of Contract, which amends Clause 16 of the General Conditions of Contract to provide for advance payment, [name and address of Supplier] (hereinafter called —the Supplier) shall deposit with the Procuring agency a bank guarantee to guarantee its proper and faithful performance under the said Clause of the Contract in an amount of [amount of guarantee in figures and words].

We, the [bank or financial institution], as instructed by the Supplier, agree unconditionally and irrevocably to guarantee as primary obligator and not as surety merely, the payment to the Procuring agency on its first demand without whatsoever right of objection on our part and without its first claim to the Supplier, in the amount not exceeding [amount of guarantee in figures and words].

We further agree that no change or addition to or other modification of the terms of the Contract to be performed there under or of any of the Contract documents which may be made between the Procuring agency and the Supplier, shall in any way release us from any liability under this guarantee, and we hereby waive notice of any such change, addition, or modification.

This guarantee shall remain valid and in full effect from the date of the advance payment received by the Supplier under the Contract until [date].

Yours truly,

Signature and seal of the Guarantors

[name of bank or financial institution]

[address]

[date]


DIRECTOR
SIMS, SHAHDADPUR


Assistant Commissioner
Shahdampur


ASSISTANT DIRECTOR
Social Welfare
Taluka Shahdampur

Manufacturer's Authorization Form



[See Clause 13.3 (a) of the Instructions to Bidders.]

To: *[name of the Procuring agency]*

WHEREAS *[name of the Manufacturer]* who are established and reputable manufacturers of *[name and or description of the goods]* having factories at *[address of factory]*

do hereby authorize *[name and address of Agent]* to submit a bid, and subsequently negotiate and sign the Contract with you against IFB No. *[reference of the Invitation to Bid]* for the above goods manufactured by us.

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

[signature for and on behalf of Manufacturer]

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


DIRECTOR
SIMS, SHAHDADPUR


Assistant Commissioner
Shahdampur


ASSISTANT DIRECTOR
Social Welfare
Taluka Shahdadpur

INTEGRITY PACT

**FEES, COMMISSION AND BROKERAGE ETC.
PAYABLE BY THE SUPPLIERS OF GOODS, SERVICES & WORKS IN
AS PER SPPRA AMENDMENT OF 2019, RULE 89
CONTRACTS WORTH RS. 0.1 MILLION OR MORE**



(Annexure-II)

Contract No:
Contract Value:
Contract Title:

Dated:

Name of Supplier/Contactor/Consultant Here by 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 GoS through any corrupt business practice.

Without limiting the generality of the foregoing, **Name of Supplier/Contactor/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 GoS, except that which has been expressly declared pursuant hereto.

Name of Supplier/Contactor/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 GoS and has not taken any action or will not take any action to circumvent the above declaration, representation or warranty.

Name of Supplier/Contactor/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 rights and remedies available to GoS under any law, contract or other instrument, be voidable at the option of GoS.

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

Name of Buyer:

Name of Seller/Supplier

Signature:

Signature:

**DIRECTOR
SIMS, SHAHDADPUR**

**Assistant Commissioner
Shahdadpur**

**ASSISTANT DIRECTOR
Sims, Shahdadpur
Taluka Shahdadpur**

(Annexure-I)

HUMAN RESOURCE INCLUDING DETAIL OF TECHNICAL TEAM

S. #	Name	Designation	Posted Location	Date of Joining	Education n	Trainings



Note: Supporting Documents must be provided for each employee.

1. CEO/Proprietor/Managing Director

Name:____
Email Address:____
Cell Phone:_____

2. Director/General Manager Services

Name:_____

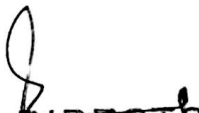
Email Address:____
Cell Phone:_____

3. Director/General Manager Sales

Name:____
Email Address:____
Cell Phone:_____

4. Technical Focal Person for this Project

Name:____
Email Address:____
Cell Phone:_____


DIRECTOR
SIMS, SHAHDADPUR


Assistant Commissioner
Shahdadtur


ASSISTANT DIRECTOR
Social Welfare
Taluka Shahdadtur

(Annexure-J)

SECTION A: SPECIALIZED TESTING AND CALIBRATION TOOLS

Supporting Documents must be provided for each specialized tool

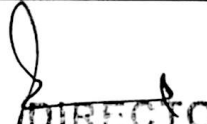


S. #	Date of Purchase	Model	Make	Tool Description	Date of Last Calibration

SECTION B: MAJOR SPARE PARTS

1. Purchase documents must be provided,
2. It may include Sensor, PCB, LCD display, Pumps, motors, detectors, Laser and other items recommended by manufacturer etc., list of recommended spare parts must also be provided.
3. Parts such as cables, connectors will not be considered major spare parts.
4. Bidder using an inventory management software may provide a software generated list instead of the below format.

S. #	Date of Purchase	Qty	Model	Make	Part Description	Part Number


DIRECTOR
SIMS, SHAHDADPUR


Assistant Commissioner
Shahdarpur


ASSISTANT DIRECTOR
Socio Welfare
Taluka Shahdarpur



Make/Manufacturer:

Model:

Year of introduction:

Country of Origin:

Country of Manufacturing:

Country of Major parts sourcing:

Use full life as per manufacturer (in Years): CE (MDD) link FDA(US) Link:

JIS/MHLW

Link: ISO 13485

Pre-installation requirement.

Electrical Connection: Grounding:

Backup Supply:

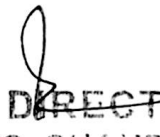
Water (RO/DI with flow):

Drain:

Any other Requirement:

S. #	Tender Specification	Offered Specification	Page # of the supporting Document

Note: Supporting documents must be provided


DIRECTOR
SIMS, SHAHDAMPUR


Assistant Commissioner
Shahdampur


ASSISTANT DIRECTOR
Sec. 2, Shahdampur
Taluka Shahdampur



GOVERNMENT OF SINDH
HEALTH DEPARTMENT

NOTIFICATION

No.SO(PM&I)/2026-27/F.127(SIMS): A Complaint Redressal Committee under Rule-31 of Sindh Public Procurement Rules 2010 (Amended up-to-date) is hereby constituted comprising of the following officers for scrutinizing the complaints of aggrieved bidders against tenders invited by the Shahdadpur Institute of Medical Sciences Shahdadpur, District Sanghar for the financial year 2026-27.

01	Director Health Services, Shaheed Benazirabad Division.	Chairman
02	District Accounts Officer, District Sanghar.	Member
03	Independent professional from relevant field to be nominated by the Head of Procuring Agency (shall not be serving Government Officer)	Member

ToR's:

- To scrutinize the complaints received from the aggrieved bidders and decide the same in accordance with SPP Rules 2010.

SECRETARY HEALTH
GOVERNMENT OF SINDH

No.SO(PM&I)/2026-27/F.127(SIMS):

Karachi, dated, the 07th August 2026

Copy forwarded for information and necessary action to :

1. The Managing Director, Sindh Public Procurement Regulatory Authority Karachi.
2. The District Accounts Officer, Sanghar.
3. The Director, Shahdadpur Institute of Medical Sciences Shahdadpur District Sanghar
4. The Chairman and all members of Complaint Redressal Committee.
5. PS to Minister Health & Population Welfare Deptt., Govt. of Sindh, Karachi.
6. PS to Secretary Health Govt. of Sindh, Karachi.

[Signature]
08/08/2026
(DEEN MUHAMMAD ABRO)
SECTION OFFICER (PM&I)



399/-
Asghar
19/08/26



OFFICE OF THE DIRECTOR
SHAHDADPUR INSTITUTE OF MEDICAL SCIENCES SHAHDADPUR
DISTRICT SANGHAR



NO.DIR.SIMS.SHD/- 6876/81

DATED:- 05-08-2026

OFFICE ORDER

In pursuance of Government Notification No. SO (PM&I)/2026-27/F.127(SIMS) dated 07th August, 2026, In pursuance of SPPRA Rule-2010 amended up to date @ clause No.31, the following **Complaint Rederesal Committee** against tender 2026-2027 for purchase of Drug/ Purchase of Medicines, Dialysis, Consumable, Laboratory Kits & Chemicals, Dietary IPC items, Uniform & Liveries, Electric items, Medical Gases, Stationery items, Printing Material, Procurement of services rendered, outsourcing of Security services, Janitorial services, repair of Machinery/Equipment, Installation of CCTV Camera, Furniture & Fixture, Transport etc, Machinery, Generator 200-KV, Equipment, Furniture & Fixture for Dialysis, Cardiology Department, Ambulance through (Social Welfare Obligation Fund)/UEPL, OGDCL & PPL Funds & Drug/Medicines, Dialysis Items, Surgical Items from Zakat Fund for the financial year 2026-2027, for Shahdadpur Institute of Medical Sciences Shahdadpur District Sanghar., is as under.

S.#	Name	Designation	Status of Committee
1	Divisional Director Health Services Shaheed Benazirabad	Divisional Director Health Services Shaheed Benazirabad	Chairman
2	Mr. Amjad Mughal	District Accounts Officer Sanghar	Member
3	Dr. Qadir Bux Unar	Consultant Physician	Member

DIRECTOR
/CHAIRMAN PROCUREMENT COMMITTEE
SIMS SHAHDADPUR

NO.DIR.SIMS.SHD/-
CC to:-

/DATED _____

- The Secretary to Government of Sindh Health Department at Karachi
- The Deputy Commissioner Sanghar
- The Deputy Secretary PM&I cell Government of Sindh Health Department at Karachi
- The Assistant Commissioner Shahdadpur
- Copy to all concerned Members

DIRECTOR
/CHAIRMAN PROCUREMENT COMMITTEE
SIMS SHAHDADPUR



OFFICE OF THE DIRECTOR
SHAHDADPUR INSTITUTE OF MEDICAL SCIENCES
SHAHDADPUR DISTRICT SANGHAR

PHONE NO.0235-841131 FAX NO.0235-843599



NO.DIR.SIMS.SHD/-

/DATED _____

To,

The Director Information,
Government of Sindh,
Information Department,
Block No.96 Old Pakistan Secretariat,
Karachi.

SUBJECT: -

TENDER INVITING NOTICE FOR PROCUREMENT OF
MACHINERY, EQUIPMENTS, INSTRUMENTS, FURNITURE &
FIXTURE GENERATOR 200KV AND OTHER ITEMS FROM
SOCIAL WELFARE OBLIGATION FUNDS FOR THE FINANCIAL
YEAR, 2026-2027

Enclosed please find herewith 07 (Seven) copies of Tender Notice for Procurement of Machinery, Equipments, Instruments, Furniture & Fixture, Generator 200kv and other items for publishing the same in one insertion in leading News Paper like Daily Jang, Dawn & Kawish etc have wide publication and circulation in Sindh Province.

**DIRECTOR
SIMS SHAHDADPUR**

NO.DIR.SIMS.SHD/-7168/74

/DATED 14-8-2026

CC to:-

- The Secretary to Government of Sindh Health Department at Karachi
- The Secretary to Government of Sindh, Information and Technology, at Karachi
- The Deputy Secretary (PM&I cell) Health Department at Karachi
- The Director (A & F) Sindh Public Procurement Regulatory Authority Karachi
- The P.S to Deputy Commissioner Sanghar

**DIRECTOR
SIMS SHAHDADPUR**



OFFICE OF THE DIRECTOR
SHAHDADPUR INSTITUTE OF MEDICAL SCIENCES
SHAHDADPUR DISTRICT SANGHAR
PHONE NO.0235-841131 FAX NO.0235-843599



NOTICE INVITING TENDER

OFFICE OF THE DIRECTOR SHAHDADPUR INSTITUTE OF MEDICAL SCIENCES SHAHDADPUR invite E-bids through E-PAK Acquisition & Disposable system (EPADS) for Supplier/Firm/Manufacturers/ Importers /Authorized Distributors on Active Taxpayers List (ATL) of the FBR/SBR (Whichever is applicable) for the supply of the items (Mentioned below table) for the Financial year 2026-2027 under Rule 46-2 Single Stage – Two Envelops Procedure. Bidding documents containing details Terms & Conditions can be viewed/ downloaded from <http://protalsindh.eprocure.gov.pk/#>. Electronic bids should be submitted through EPADS ONLY, Manually bid shall not be received. Interested bidders are required to register themselves on EPADS system at the link <http://protalsindh.eprocure.gov.pk/#/supplier/registration> for submission of Electronic –bids.

The bids, prepare in accordance with the instruction in the bid documents, must be submitted on EPADS from **22-09-2026 to 06-10-2026 before 1:00P.M.** The Original instruments of tender fees mentioned in below table with Bid Security must reach the procuring agency before the deadline for submission of E-bids, which will be **opened on same days at 2.00P.M at the office of the Director Shahdadpur Institute of Medical Sciences Shahdadpur.**

Tender Description	Tender Fee	Bid Security
Procurement of Machinery Equipment, Instruments, Furniture, Fixture, Generator 200kv and other items	Rs 5,000/-	5%

N.B- any query for E-bidding may contact at Shahdadpur Institute of Medical Sciences Shahdadpur on contact **No. 0235-841131**

- In case Govt. announces any Public Holiday or any unfavorable circumstances, the tender/bids will be submitted and opened on next working day, with same venue and time.
- The purchaser reserves the rights to reject any/all bids under the relevant provisions of SPPRA Rules 2010.
- In case of any difficulty prospective bidders may contact **EPADS Helpline 051-111-137-237** during working days/hours.

**DIRECTOR
SIMS SHAHDADPUR**

DAWN

Thursday
September 17, 2026
Rabi-us-Sani 4, 1448

KARACHI

Rs 45.00
22 Pages
Vol. LXXX No. 254
Regd. No. SS-022

www.dawn.com



**OFFICE OF THE DIRECTOR
SHAHDADPUR INSTITUTE OF
MEDICAL SCIENCES SHAHDADPUR
DISTRICT SANGHAR**



PHONE NO.0235-841131, FAX NO.0235-843599

NOTICE INVITING TENDER

Office of the Director Shahdadpur Institute of Medical Sciences, Shahdadpur invite E-bids through E-PAK Acquisition & Disposable system (EPADS) for Supplier/Firm/Manufacturers/ Importers /Authorized Distributors on Active Taxpayers List (ATL) of the FBR/SBR (Whichever is applicable) for the supply of the items (Mentioned below table) for the Financial year 2026-2027 under Rule 46-2 Single Stage - Two Envelops Procedure. Bidding documents containing details Terms & Conditions can be viewed/ downloaded from <http://protalsindh.eprocure.gov.pk/#>. Electronic bids should be submitted through EPADS only, manually bid shall not be received. Interested bidders are required to register themselves on EPADS system at the link <http://protalsindh.eprocure.gov.pk/#/supplier> /registration for submission of Electronic - bids.

The bids, prepare in accordance with the instruction in the bid documents, must be submitted on EPADS from 22-09-2026 to 06-10-2026 before 1:00 P.M. The Original instruments of tender fees mentioned in below table with Bid Security must reach the procuring agency before the deadline for submission of E-bids, which will be opened on same days at 2.00 P.M at the office of the Director Shahdadpur Institute of Medical Sciences Shahdadpur.

Tender Description	Tender Fee	Bid Security
Procurement of Machinery Equipment, Instruments, Furniture, Fixture, Generator 200kv and other items	Rs. 5,000/-	5%

N.B- any query for E-bidding may contact at Shahdadpur Institute of Medical Sciences Shahdadpur on contact No. 0235-841131

- In case Govt. announces any Public Holiday or any unfavourable circumstances, the tender/bids will be submitted and opened on next working day, with same venue and time.
- The purchaser reserves the rights to reject any/all bids under the relevant provisions of SPPRA Rules 2010.
- In case of any difficulty prospective bidders may contact EPADS Helpline 051-111-137-237 during working days/hours.

**DIRECTOR
SIMS SHAHDADPUR**

WORK FOR SINDH
www.work4sindh.com
JOB PORTAL BY
INFORMATION DEPARTMENT

INF-KRY 4084/26

آفيس آف دي ڊائريڪٽر
شهدادپور انسٽيٽيوٽ آف ميڊيڪل سائنسز
شهدادپور ڊسٽرڪٽ سانگهڙ
فون: 0235-841131 فڪس: 0235-843599

پبلڪ اڪائونٽس ڊپارٽمينٽ

آفيس آف دي ڊائريڪٽر شهدادپور انسٽيٽيوٽ آف ميڊيڪل سائنس شهدادپور مالي سال 2027-2026 لاءِ رول 2-46 منگل اسٽيج - ٽو انويليس طريقڪار تحت آتمز (هيٺ ڏنل ٽيبل) جي فراهمي لاءِ FBR/SBR (جيڪو به لاڳو آهي) جي فعال ٽيڪس ادا ڪندڙن جي فهرست (ATL) تي سپلائر/فرم/مينوفڪچررز/امپورٽرز/مجاز ڊسٽريبيوٽرس کان E-PAK اڪيوريشن اينڊ ڊسپوزيل مسٽر (EPADS) ذريعي اي-واڪ گهرائي ٿي. تفصيل شرطن ۽ ضابطن تي مشتمل واڪ دستاويز <http://protalsindh.eprocure.gov.pk/#> تان ڏسي/ڊائون لوڊ ڪري سگهجن ٿا. اليڪٽرانڪ واڪ صرف EPADS ذريعي جمع ڪرايا وڃن، دستي طور تي واڪ وصول نه ڪيا ويندا. دلچسپي رکندڙ واڪ ڏيندڙن کي EPADS مسٽر تي لنڪ <http://protalsindh.eprocure.gov.pk/#/supplier/> رجسٽريشن تي پاڻ کي رجسٽر ڪرائين.

واڪ دستاويزن ۾ ڏنل هدايتن مطابق تيار ڪيل واڪ EPADS تي 2026-09-22 کان 2026-10-06 منجهند 1:00 کان اڳ لازمي جمع ڪرايا وڃن. هيٺ ڏنل ٽيبل ۾ بيان ڪيل ٽينڊر فيس جا اصل انسٽيومينٽ واڪ سيڪيورٽي سان گڏ اي-واڪ جمع ڪرائڻ جي آخري تاريخ کان اڳ پروڪيورمينٽ ايجنسي تائين پهچڻ گهرجن، جيڪي ساڳئي ڏينهن تي منجهند 2:00 تي شهدادپور انسٽيٽيوٽ آف ميڊيڪل سائنسز شهدادپور جي ڊائريڪٽر جي آفيس ۾ کوليا ويندا.

ٽينڊر جي تفصيل	ٽينڊر في	بڊ سيڪيورٽي
مشينري ايڪيورمينٽ، انسٽرومينٽس، فريجس، فڪسچر، جنريٽر	5,000 روپيا	5 سيڪڙو
200 ڪي وي ۽ ٻين آئٽمز جي پروڪيورمينٽ		

اهم: اي-واڪ لاءِ ڪنهن به قسم جي سوال لاءِ شهدادپور انسٽيٽيوٽ آف ميڊيڪل سائنسز شهدادپور ۾ رابطو نمبر 0235-841131 تي رابطو ڪري سگهجي ٿو.

جيڪڏهن حڪومت ڪنهن به عام موڪل يا ڪنهن به ناسازگار صورتحال جو اعلان ڪري ٿي، ته ٽينڊر/واڪ ايندڙ ڪم ڪندڙ ڏينهن تي، ساڳئي جڳهه ۽ وقت تي جمع ڪرايا ۽ کوليا ويندا.

خريدار ايس پي پي آر اي رولز 2010 جي لاڳاپيل شقن جي تحت ڪنهن به/سپني واڪن کي رد ڪرڻ جو حق پورو محفوظ رکي ٿو.

ڪنهن به ڏکيائي جي صورت ۾ امڪاني واڪ ڏيندڙ ڪم ڪار وارن ڏينهن/ڪلاڪن دوران EPADS هيلپ لائن 051-111-137-237 تي رابطو ڪري سگهن ٿا.

ڊائريڪٽر

SIMS شهدادپور

INF/KRY.No:4084/2026

WORK FOR SINDH JOB PORTAL BY INFORMATION DEPARTMENT



OFFICE OF THE DIRECTOR
SHAHDADPUR INSTITUTE OF MEDICAL SCIENCES SHAHDADPUR
DISTRICT SANGHAR



NO.DIR.SIMS.SHD/- 6577/80

DATED:- 27-08-2026

OFFICE ORDER

In pursuance of Government Notification no. SO (PM&I)/2025-26/F.127 (SIMS) dated 13th February, 2026 Undersigned is pleased to notify the Procurement Committee for Procurement of Drug/ Purchase of Medicines, Dialysis, Consumable, Laboratory Kits & Chemicals, Dietary IPC items, Uniform & Liveries, Electric items, Medical Gases, Stationery items, Printing Material, Procurement of services rendered, outsourcing of Security services, Janitorial services, repair of Machinery/Equipment, Installation of CCTV Camera, Furniture & Fixture, Transport etc. & Machinery, Generator 200-KV, Equipment, Furniture & Fixture for Dialysis, Cardiology Department, Ambulance and etc, for Shahdadpur Institute of Medical Sciences Shahdadpur District Sanghar through (Social Welfare Obligation Fund)/UEPL, OGDCL & PPL Funds for the financial year 2026-27, is as under.

S.#	Name	Designation	Status of Committee
1	Dr. Bashir Ahmed Jamali	Director SIMS, Shahdadpur	Chairman
2	Mr. Qamaruddin Rahupoto	Assistant Commissioner Shahdadpur Representative Deputy Commissioner Sanghar	Member
3	Mr. Saif-ur-Rehman	Pharmacist representative of District Health Officer Sanghar	Member
4	Mr. Daniyal Saleem	Biomedical Engineer, Sindh Institute of Child Health & Neonatology (SICHN), Karachi,	Member
5	Mr. Zahid Hussain Rind	Assistant Director Social Welfare Department Shahdadpur	Member

DIRECTOR
/CHAIRMAN PROCUREMENT COMMITTEE
SIMS SHAHDADPUR
/DATED _____

NO.DIR.SIMS.SHD/-

CC to:-

- The Secretary to Government of Sindh Health Department at Karachi
- The Deputy Commissioner Sanghar
- The District Health Officer Sanghar
- The Chief Executive Officer Sindh Institute of Child Health & Neonatology (SICHN), Karachi
- The District Population Welfare Officer Sanghar
- The Deputy Secretary PM&I cell Government of Sindh Health Department at Karachi
- The Assistant Commissioner Shahdadpur
- Copy to all concerned Members

DIRECTOR
/CHAIRMAN PROCUREMENT COMMITTEE
SIMS SHAHDADPUR



GOVERNMENT OF SINDH HEALTH DEPARTMENT

NOTIFICATION

No.SO(PM&I)/2026-27/F.127(SIMS): A Procurement Committee under Rules-7 of Sindh Public Procurement Rules 2010 (Amended up-to-date) is hereby constituted comprising of the following Officers for procurement of Drugs/Medicine (other than items already approved under Frame Work Contract), Dialysis, Consumable, Laboratory Kits & Chemicals, Dietary IPC items, Uniform & Liveries, Electric items, Medical Gases, Stationary items, Printing Material, Procurement of services rendered, outsourcing of Security services, Janitorial services, repair of Machinery / Equipment, Installation of CCTV Camera, Furniture & Fixture, Transport etc. and Machinery Equipments, Instrument Furniture & Fixture and for procurement from the Social Welfare Obligation Fund/Pakistan Petroleum Limited from Zakat Funds in respect of Shahdadpur Institute of Medical Sciences Shahdadpur, District Sanghar through (Social Welfare Obligation) / UEPL, OGDCL & PPL Funds for the financial year 2026-27.

01	Director, Shadadpur Institute of Medical Sciences Shahdadpur.	Chairman
02	Deputy Commissioner, Sanghar or his/her Representative.	Member
03	District Health Officer, Sanghar or his Representative.	Member
04	Assistant Director Social Welfare Shadadpur.	Member
05	Bio Medical Engineer Sindh Institute of Child Health & Neonatology Karachi.	Member

TORs:

- The TORs / Functions / Responsibilities of the Procurement committee in accordance with Rule-8 of SPP Rules 2010 shall be as under:
 - (1) Preparing and/or Reviewing bidding documents;
 - (2) Carrying out technical as well as financial evaluation of the bids;
 - (3) Preparing evaluation report as provided in Rule-45;
 - (4) Making recommendations for the award of contract to the competent authority; and
 - (5) Perform any other function ancillary and incidental to the above.

SECRETARY HEALTH
GOVERNMENT OF SINDH

Karachi, dated, the 07th August 2026

No.SO(PM&I)/2026-27/F.127(SIMS):

Copy forwarded for information and necessary action to:

- The Managing Director, Sindh Public Procurement Regulatory Authority Karachi.
- The District Accounts Officer, Sanghar.
- The Chairman & all members of the Committee _____.
- PS to Minister, Health & Population Welfare Department, Govt. of Sindh, Karachi.
- PS to Secretary Health, Govt. of Sindh, Karachi.

(DEEN MUHAMMAD ABRO)
SECTION OFFICER (PM&I)

OFFICE OF THE DIRECTOR SHAHDADPUR INSTITUTE OF MEDICAL SCIENCES SHAHDADPUR

PROCUREMENT PLAN 2026-27

**MACHINERY & EQUIPMEN / INSTRUMENT/ FURNITURE & FIXTURE/ GENERATOR 200KV AND
OTHERS ITEMS**

S#	Description of Items	Qty:	Funds Allocation (funded by PPL and Grant of SIMS)	Source of Funds (ADP/Non- ADP)	Proposed Procurement Method	Timing of procurements			
						1 st Qtr	2 nd Qtr	3 rd Qtr	4 th Qtr
1	Procurement of Medical Machinery & Equipment, Instrument, Furniture & Fixture Generator 200Kv and Others Items	As Per Tender Quantity	45.00 (M)	Non ADP	Single Stage Two Envelope SPPRA Rule 46 (1)	3 rd Quarter			



**DIRECTOR
SIMS, SHAHDADPUR
DIRECTOR
SIMS SHAHDADPUR**