

STANDARD BIDDING DOCUMENT (SBD)



GOVERNMENT OF SINDH

**SHAHEED MOHTARMA BENAZIR BHUTTO INSTITUTE
OF TRAUMA (SMBBIT), KARACHI**

**“PROCUREMENT OF GENERAL ITEMS &
MACHINERY PARTS & CONSUMABLES”**

TENDER REFERENCE# PROC/SMBBIT/(P&M-04)/2022-23

NOTE:

- 1. TENDER FEE: RS. 5,000/-(NON-REFUNDABLE) IN SHAPE OF PAY ORDER IN FAVOR OF SHAHEED MOHTARMA BENAZIR BHUTTO INSTITUTE OF TRAUMA, KARACHI.**
- 2. NO TENDER WILL BE ACCEPTED AFTER CLOSING OF THE TENDER BOX, WHAT SO EVER REASON MAY BE.**
- 3. ALL THE PARTICIPANTS MUST SIGN EACH & EVERY PAGE OF BID DOCUMENTS, ELSE OFFER WILL BE REJECTED.**

TABLE OF CONTENT

BIDDING DATA SHEET _____	3
INSTRUCTIONS TO BIDDERS _____	4
TERMS & CONDITIONS OF TENDER _____	7
(ANNEXURE-A) _____	10
CRITERIA FOR EVALUATION OF BID _____	10
SCHEDULE OF REQUIREMENT _____	12
(ANNEXURE-B) _____	13
SCHEDULE OF REQUIREMENT/ BILL OF QUANTITIES (BOQ) OF _____	13
BID LETTER FORM _____	29
CONTRACT AGREEMENT _____	30
FORM OF PERFORMANCE SECURITY _____	32
(Bank Guarantee) _____	32
AFFIDAVIT (on Judicial Stamp Paper) _____	34
UNDERTAKING (Stipulated Time) _____	35
INTEGRITY PACT _____	36

BIDDING DATA SHEET

Procuring Agency	SMBB Institute of Trauma, Karachi
Address	Chand Bibi Road, Karachi
Bid Validity	90 Days, As per SPPRA Rule 2010 (amended till date)
Amount of Bid Security	5% of Total Bid Quoted Price
Last date of Selling of Bid	As per mentioned in NIT
Date of Submission of Bid	As per mentioned in NIT
Place of Submission	13 th Floor, Planning and Procurement Department, SMBB Institute of Trauma, Karachi.
Performance Security	10% of the Contract Value
Language of Bid	English
Currency of Bid	PKR
Bidding Procedure	Single Stage One Envelope Procedure 46(1)
Advance Payment	No Advance Payment will be allowed
Period of Completion	Financial Year 2022-23
Liquidity Damages	@0.03 percent of the Contract Price for each day of delay until actual delivery or performance, up to a maximum deduction of 10% of the Contract Price. Once the maximum is reached, the purchaser may consider termination of the contract.
Inspection Authority	Inspection Committee of SMBB Institute of Trauma, Karachi.
Place of Delivery	Store Department of SMBB Institute of Trauma, Karachi / Trauma & Emergency Response Centre Larkana.

INSTRUCTIONS TO BIDDERS

1. Shaheed Mohtarma Benazir Bhutto Institute of Trauma(SMBB-IT), Karachi invites sealed bids on Single Stage One Envelope Procedure 46(1) as per Sindh Public Procurement Rules 2010, (Amended till date) from Manufacturers / Importers / Sole Agents / Authorized Distributors for “**PROCUREMENT OF GENERAL ITEMS & MACHINERY PARTS & CONSUMABLES**” Tender Ref. #: **PROC/SMBBIT/(P&M-04)/2022-23**.
2. The tender shall be submitted with all documents in sealed envelope. The envelope must contain tender inquiry Number on the top, the name of the Bidder should be affixed on the face of the envelope. Envelope should be sealed and addressed to Planning & Procurement Department Shaheed Mohtarma Benazir Bhutto Institute of Trauma, Karachi and inserted in Tender box by hand or mail on the scheduled date and time, else tender will not be entertained and would be returned unopened to the bidders.
3. Bidders are required to check that Tender Documents issued to them are complete in all respects as per table of content.
4. Bidders should examine carefully the table of content. They should visit and inspect the site at their own expense, responsibility and obtain all necessary information prior to submitting the tender. Any detail/specification missing in the document should be obtained from **Planning & Procurement Department, SMBBIT – Karachi** before bidding. Once the tender is submitted, it will be assumed that no further clarification was required.
5. Tender Fee in shape of pay order in favor of **Shaheed Mohtarma Benazir Bhutto Institute of Trauma (SMBBIT), Karachi** must be attached; else the offer will be rejected.
6. Bidder will attach **BID SECURITY** (as per amount mentioned under Bidding Data) in shape of pay order issued from any scheduled Bank of Pakistan in favor of **Shaheed Mohtarma Benazir Bhutto Institute of Trauma (SMBBIT), Karachi** submit with proposal.
7. The original bid shall be typed or written in indelible ink by the bidder or person duly authorized. The person or persons signing the bid shall initial all pages of the bid. The name and designation of each person signing must be mentioned below the signature.
8. The Bidder shall indicate on the appropriate Price Schedule (in PKR) the units (where applicable) and total bid price of the goods/services it proposes to supply/execute under the contract.
9. No bidder shall be allowed to alter or modify his bid after the bids have been opened. However, the Procuring Agency may seek and accept clarification to the bids that do not change substances of the bids.
10. The Procuring Agency may reject all or any bid or proposal at any time prior to the acceptance of a bid or proposal. Subject to relevant provision of SPPRA Rules, 2010 (Amended till Date). The Procuring Agency upon request communicate to bidder who submitted a bid or proposal, the grounds for its rejection of all bids or proposal, but is not required to justify those grounds.

11. The quoted rates should include all costs of whatsoever description and expenses necessary for the whole work together with all risks, taxes, liabilities and obligations, specific or implied, in the Tender Documents. Arithmetical errors, if any shall be corrected and Tender price amended accordingly.
12. No unauthorized alteration may be made in the Tender documents. If any such alteration is made, tender may be liable for rejection.
13. Clarification, revision, addition or deletion, in the tender documents may be made by the authority before the submission and opening of Tender in the form of Addendum/Corrigendum. This will be made only by formal Addendum/ Corrigendum issued by the concerned authority and will become part of the contract documents. Each Addendum shall be signed by the Vendor and returned with other Tender documents.
14. The vendor has to quote only one rate for each work as per tender specifications. Hand written tenders or any over writing, cutting, should be signed.
15. The entire Tender Documents, listed duly priced, signed & stamped on each page and completed must reach at designated place in due time and dates as defined in the Bidding Data of the Tender.
16. Contractors who win the tender will be required to enter into a Contract Agreement as defined in the Form of Agreement.
17. No bidder shall contact the Procuring agency on any matter relating to its bid, from the time of the bid opening to the time the contract is awarded. If the Bidder wishes to bring additional information to the notice of the Procuring agency, it should do so in writing.
18. The bid security will be forfeited to the Government, if the bidder withdraws his bid after opening and before the expiry of the bid validity period or fails to sign the contract in stipulated time if the bid is accepted.
19. Conditional tender and tender without bid security shall not be considered.
20. Bids shall remain valid for a period of 90 days after the date of bid opening and same may be extended in terms of Rule 38 (2) (3) (4) of SPPRA Rules.
21. Bids submitted late due to any reason whatsoever, shall not be considered and returned unopened to the bidder or his authorized representative.
22. Bid / offer will be evaluated as per criteria for evaluation of bid's terms & conditions.
23. **The quoted rates once offered by the firms will not be changed during the contract period.**
24. The quoted rates should be in Pak. Rupees and must be valid till **30th June 2023**; Orders will be placed as per requirement after receiving demand from the concern department of Shaheed Mohtarma Benazir Bhutto Institute of Trauma.
25. All Bidders should provide **SAMPLES FREE OF COST** of the each quoted products.

26. **All bidder(s) must submit samples (in commercial pack) of all quoted items as per specification mentioned in the technical bid; each sample pack should be marked with Section & Item # (as mentioned in bill of quantities and price schedule). List of sample along with item brochures / leaflet duly acknowledged should also be submitted in the office of Planning & Procurement Dept. 13th floor SMBB Institute of Trauma at least 2 days before the submission of the tender. Non submission of the samples will lead to rejection of item(s).**
27. The tendered rate should be inclusive of all applicable taxes to Federal & Provincial Govt. or local bodies and will be deducted from the bill of the contractors / suppliers.
28. **All the (applicable) Government taxes (Income Tax / Sindh Sales Tax (if applicable) / 0.35% Stamp Duty of the value of the contract amount will be affixed on the bills or on the contract agreement of the full contract value by the Contractors / Suppliers.**
29. **All documents should be submitted duly paginated / flagged and the detailed of the documents should also be mentioned in front of the Index, else Procurement Committee reserves the right to accept or reject bid.**
30. The bidders shall quote their firm and final price both in figure and in words on free delivery basis to Shaheed Mohtarma Benazir Bhutto Institute of Trauma, Karachi.
31. Distributor once nominated by the manufacturer / importer will be for the whole contract period and manufacturer / importer cannot change its distributor during the contract period in any case.
32. No manufacturer / importer shall authorize their distributor / agent / any firm or person to quote the same item, which the manufacturer is quoting itself in any tender. Failing those offers of both the manufacturer as well as other bidder shall be ignored.

TERMS & CONDITIONS OF TENDER

1. Shaheed Mohtarma Benazir Bhutto Institute of Trauma (SMBBIT), Karachi invites sealed bids on **Single Stage uOne Envelope Procedure 46(1)** as per Sindh Public Procurement Rules 2010, (Amended till date) from Manufacturers / Importers / Sole Agents / Authorized Distributors for **“PROCUREMENT OF GENERAL ITEMS & MACHINERY PARTS & CONSUMABLES”**
Tender Ref. #: PROC/SMBBIT/(P&M-04)/2022-23.
2. **PERFORMANCE SECURITY:** The successful bidders will have to deposit the requisite Performance Security Bond in the shape of a Pay Order / Demand Draft or Bank Guarantee (as per amount mentioned under Bidding Data) in favor of **Shaheed Mohtarma Benazir Bhutto Institute of Trauma (SMBBIT), Karachi**. The same will be released after successful completion of supply & contract period. Moreover, security deposit shall be forfeited by the Procuring Agency if contractor fails to comply with terms and condition of the contract at any stage during contract period.
3. Bid should be inclusive of all Government taxes (if applicable) and the same will be paid by the Contractor except withholding tax.
4. The firm will be responsible for supply of **“PROCUREMENT OF GENERAL ITEMS & MACHINERY PARTS & CONSUMABLES”** Tender Ref. #: PROC/SMBBIT/(P&M-04)/2022-23 at consignee address. (**Shaheed Mohtarma Benazir Bhutto Institute of Trauma SMBBIT Karachi**). If it fails, the Security Deposit will be forfeited.
5. Procurement Committee shall disqualify a contractor, whether pre-qualified or not, if it finds at any time, that the information submitted by bidder concerning his qualification and professional, technical, financial, legal, or managerial competence as contractor was false and materially inaccurate or incomplete at any stage.
6. **The Procuring agency reserves the right at the time of contract award to increases / decrease & delete, the items / quantities of goods and services originally specified in the Schedule of Requirements without any change in unit price or other terms and conditions.**
7. Arithmetical errors will be rectified on the following basis. If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall

prevail, and the total price shall be corrected. If the bidder does not accept the correction of the errors, its bid will be rejected, and its bid security may be forfeited.

8. 20% of the due Sindh Sales Tax (if applicable) will be deducted from the bill of the Contractors / Suppliers while remaining 80% will be deposited by the Contractors / Suppliers themselves.
9. No tender will be entertained without Bid Security which will be forfeited to Government Treasury, in case of non-submission of Performance security within seven (7) days of receipt of letter of Acceptance.
10. Quantities of tender items are on estimated basis and could vary according to the amount sanctioned, released and as per discretion of Procurement Committee.
11. All manufactured and other items should be used in accordance with the instructions, specifications in the Tender Document and also in accordance with generally accepted norms of good workmanship.
12. The Bidder shall sign and stamp the Integrity Pact provided at Bid in the Bidding Document for all Provincial Government procurement contracts. Failure to sign such Integrity Pact shall make the bidder non-responsive.
13. If the Supplier fails to deliver any or all of the Goods or to perform the Services within the period(s) specified in the Contract, the Procuring agency shall, without prejudice to its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to the percentage specified in Bidding Data of the delivered price of the delayed Goods or unperformed Services for each week or part thereof of delay until actual delivery or performance, up to a maximum deduction of the percentage specified in Bidding Data. Once the maximum is reached, the Procuring agency may consider termination of the Contract.
14. Supplies are required as early as possible. The bidder may, however, give their short guaranteed delivery period by which the supply will be completed positively.
15. The Technical evaluation carried out by the Committee Shaheed Mohtarma Benazir Bhutto Institute of Trauma, Karachi will be final, which will be assessed on experience basis of the relevant specialty.

16. PURCHASER'S RIGHT TO VARY QUANTITIES The Shaheed Mohtarma Benazir Bhutto Institute of Trauma Authority reserves right to increase / decrease or delete the quantities., at the time of award of contract and also reserves the right to enhance the quantity of goods / services originally specified in the schedule of requirement without any change in unit price or other terms and conditions of goods at any time during defined period.

17. PURCHASER'S RIGHT TO ACCEPT ANY BID AND REJECT ANY OR ALL BIDS: The SMBBIT Authority reserves the right to purchase full or part of the store or ignore / scrap / cancel the tender as per relevant rules of SPPRA-2010 (Amended till date).

18. REDRESSAL: Redressal of Grievances & settlement of dispute will be as per SPPRA Rule-2010 (Amended till to date).

19. BID EVALUATION (T.E.R): Bid evaluation will be considered on following grounds for approval of company as mentioned in **Annexure # A**.

20. If a bidder elects to submit alternative bid without enclosing a separate tender purchased slip/pay order and Bid security of requisite amount in shape of pay order, bid form and valid Manufacturer Authorization, all such alternative bids will be rejected as non-responsive.

I / We agree to above mentioned terms & conditions:

Name of Contractor _____ Signature _____

CNIC NO. _____ **(Copy must be attached).**

Full Address _____

Rubber Stamp _____

CRITERIA FOR EVALUATION OF BID

(BIDDERS ARE REQUIRED TO SUBMIT FOLLOWING DOCUMENTS IN MENTIONED SEQUENCE)

TECHNICAL EVALUATION CRITERIA (MANDATORY)			
S.#	List of Documents	Yes	No
1.	Compliance of Terms & Conditions / Instructions mentioned in the SBD. 1. Attached authorized person CNIC copy. 2. Signed & stamped each and every page of Terms & Condition & all bidding documents. (If compliance of above not found offer will be rejected).		
2.	Relevant Experience with documentary proof (at least Last Three Years) Attach Supply/Purchase Order/Award of Contract (Public / Private Sector / Semi - Government Organizations) Provincial / Federal / Local must be attached. (All documents related to supply of items will be count with delivery challan of same duly signed by said institution failing so bid will be rejected).		
3.	Registration with Income Tax – NTN (Attach Valid Certificate Copy)		
4.	Copy of Financial year Paid Income tax and return (Recent Last Three Years)		
5.	Copy of Professional Tax (Attach Valid Certificate Copy)		
6.	a) General Sales Tax (Mandatory) b) Sindh Sales Tax (If applicable) / Sindh Board of Revenue (Registration is not required for procurement of Goods)		
7.	Recent Bank Certificate / Bank Statement regarding financial soundness of the firm to do business up till PKR 100 Million or more. (Bank certificate should be original color copy and photo copy not accepted).		
8.	Submission of undertaking on legal valid and attested stamp paper that the firm is not blacklisted and litigated by any institute of Federal, Provincial Government or any Department / Agency / Organization / Autonomous body or Private Sector Organization anywhere in Pakistan. (Undertaking should be as per given sample as per attached Table of Content Point # 11). (ANNEXURE-C)		
9.	Submission of Undertaking on legal valid and attested stamp paper that supply of required items within stipulated time. (ANNEXURE-D)		

S.#	List of Documents	Yes	No
10.	Bidder already providing services at SMBBIT, Karachi should obtain & attach a satisfactory performance certificate from competent authority of SMBB Institute of Trauma, Karachi (for the financial year in which the bidder last provided its services).		
11.	Pay order / Bank Draft of Bid security should be attached along with bidding document.		
12.	Authorization / Distributors Agency Agreement with Manufacturer.(Where Applicable)		
13.	Soft Copy (USB) containing all documents and forms(In Excel/DOC format Only) (Soft copy in a CD or DVD is not acceptable.)		

NOTE:

1. The offer will not be entertained if the above mentioned documents are not found attached.
2. Bidder should take their unapproved samples within 30 days after the BER announcement; Institute will not be responsible for any claim made after 30 days.
3. The technical evaluation carried out by the Procurement Committee, SMBBIT, Karachi will be final, which will be assessed on technical aspect and clinical experience basis of the Consultant(s) in the relevant specialty.
4. **All bidder(s) must submit samples (in commercial pack) of all quoted items as per specification mentioned in the technical bid; each sample pack should be marked with Section & Item # (as mentioned in bill of quantities and price schedule). List of sample along with item brochures / leaflet duly acknowledged should also be submitted in the office of Planning & Procurement Dept. 13th floor SMBB Institute of Trauma at least 2 days before the submission of the tender. Non submission of the samples will lead to rejection of item(s).**
5. Specifications approved by the Consultant(s) in the relevant specialty will be considered by the Procurement Committee.
6. **All documents should be submitted duly paginated / flagged and the detailed of the documents should also be mentioned in front of the Index, else Procurement Committee reserves the right to accept or reject bid.**

SCHEDULE OF REQUIREMENT

FOR SHAHEED MOHTARMA BENAZIR BHUTTO INSTITUTE OF TRAUMA KARACHI (SMBBIT)

The Shaheed Mohtarma Benazir Bhutto Institute of Trauma Authority reserves right to increase / decrease or delete the quantities., at the time of award of contract and also reserves the right to enhance the quantity of goods / services originally specified in the schedule of requirement without any change in unit price or other terms and conditions of goods at any time during contract period i.e. 2022-23.

Item(s) mentioned in Bill of quantities & Price schedule are on estimate basis procurement committee and end user purchase item(s) as and where required basis, after the acceptance of the tender by the bidder(s) / Firm(s), signing of the contract, purchase order will be issued during the Contract period i.e. 2022-23 and if purchase order is not executed by the bidder(s) / Firm(s), the performance security shall be forfeited to the Government Accounts without any notice.

1. **DELIVERY:** 100% quantity shall be supplied **within 30 days** from the date of Supply order / Award of tender. The Liquidated / damages in the event of completion beyond the given schedule shall be (mentioned in bidding data sheet). In case of failure hospital reserve the right to take any action according to SPPRA Rules 2010 (Amended till date).

(If bidder gives supply time more than 60 days' bid will not be considered / acceptable).

2. **NAME AND ADDRESS OF THE CONSIGNEE:** Store Department, SMBB Institute of Trauma, Karachi.

3. **DISPATCH INSTRUCTION:** Free Delivery to the Consignee. i.e. Store Dept. SMBB Institute of Trauma Karachi / Trauma & Emergency Response Centre Larkana. Between 09:00am to 03:00pm.

4. **PART SUPPLY / PART PAYMENT:** Allowed

(Note: It should be mentioned on the Delivery Note 1st Supply, 2nd Supply and Final Supply & on Invoice / Bill that this is 1st Bill, 2nd Bill and in the last supply Final Bill) else in delay of payment the firm will be held responsible).

SCHEDULE OF REQUIREMENT/ BILL OF QUANTITIES (BOQ) OF

**SHAHEED MOHTARMA BENAZIR BHUTTO INSTITUTE OF
TRAUMA(SMBBIT), KARACHI**

**“PROCUREMENT OF GENERAL ITEMS & MACHINERY PARTS &
CONSUMABLES”**

Tender Ref. #: PROC/SMBBIT/(P&M-04)/2022-23”

SECTION A: ASSET NAME: 3000L AIR RESERVOIR MODEL # Y3002 SERIAL # AIR-AZOTE-ARGON-CO2 / (2)						
S #.	Items Description	Specification / Part Ref. #	Req. Qty.	UOM	Unit Price	Total Price
1	Compressed Air Filter (Line Filter)	G1210MX-AD-SG-W-02	2	Nos.		
SECTION B: ASSET NAME: AIR COMPRESSOR (HITACHI) MODEL #11OP-8.5CGA SERIAL # TG32080						
1	Air Filter	-	12	Nos.		
SECTION C: ASSET NAME: 0,58KW REFRIGERATED AIR DRYER (F0032S) MODEL # ZS1155746 SERIAL # 399440440002						
1	Line Filter (Pre & After Filter)	-	3	Nos.		
SECTION D: ASSET NAME: REFRIGERATED AIR DRYER MODEL # DX-3XD						
1	Line Filter (Pre & After Filter)	-	3	Nos.		
SECTION E: ASSET NAME: VACUUM PUMP MODEL # E400.2 MV SERIAL # 1400188						
1	Hydraulic Transmission / Oil Filter	(4011558712105) 93x62x71 3/4-16 UNF	4	Nos.		
2	Lubrication Oil (Vacuum Pump Oil)	Caltex 68	208	ltr.		
3	Exhaust Filter	30"	2	Nos.		
4	Oil Mist Filter	-	12	Nos.		
5	MCB Breaker (Schneider) 3-Pole	25A	2	Nos.		
6	Contactora 3-Pole	LC1D18	6	Nos.		
7	Timer	230V, (TA23) 50HZ, (KRONOS)	2	Nos.		
8	Timer	TS60 120 VDC Switch depth behind plate: 2- 1/4"	2	Nos.		
9	Timer	Switch time repeatable +/- 10%	2			
10	Phase Voltage	ENITHPHEH	1	Nos.		
11	Overload 3-Pole	LRD 21 Schneider	2	Nos.		
12	Breaker (Schneider) Single Pole	10A Schneider	8	Nos.		

S #.	Items Description	Specification / Part Ref. #	Req. Qty.	UOM	Unit Price	Total Price
13	Selector Switch	2-Way Selector 10A (TS-EN60947-3), CE (IEC 609*47-3)	2	Nos.		
14	Selector Switch	ABB (ON/OFF) (OT63F3)	1	Nos.		
15	Fuse	50A, 500AC (ELMARK)	3	Nos.		
16	DATA Cable 000786	PVC80C 300V	5	meter		
SECTION F: ASSET NAME: 75KW COMPAIR COMPRESSOR MODEL # L80						
1	MLS Drive	MLS SCWG4000-120	4	Nos.		
2	Drive Cell (Lithium Battery)	CR2450 3V	12	Nos.		
3	Multi-Purpose Grease	SCWG4000-120 COMPAIR MLS GREASE 120	2	Kg.		
4	MCB Card (HMI)		2	Nos.		
5	Jaw Coupling Rotex	100005644 55 St	2	Nos.		
6	Contactora	3RT5054-1AP36 220V	2	Nos.		
7	Power Transformer	INPUT 0 360 380 400 415 435 V OUTPUT 230V/1.13 24V/2.083A	2	Nos.		
8	Pneumatic Pipe Transparent	8mm -40 C to + 80 C 18~32 bar	60	meter.		
9	Pneumatic Pipe Transparent	4mm -40 C to + 80 C 18~32 bar	60	meter.		
10	Pneumatic Pipe Transparent	6mm -40 C to + 80 C 18~32 bar	60	meter.		
11	Flexible temperature sensors	(Danfoss) MBT 3270	2	Nos.		
12	Oil Level Indicator Glass	Transparent	2	Nos.		
13	Solenoid Valve	6014 C 1/16 FKM BR 00463880 232PSI	2	Nos.		
14	O-Ring	2mm	250	Nos.		
15	O-Ring	8mm	250	Nos.		
16	O-Ring	10mm	250	Nos.		
17	O-Ring	12mm	250	Nos.		
18	O-Ring	30 Size	1	Ket		
19	Socket (With Washer, Nut & Screw)	13A 250V	100	Nos.		
20	Pneumatic Pipe	4mm	100	meter.		

S #.	Items Description	Specification / Part Ref. #	Req. Qty.	UOM	Unit Price	Total Price
21	Quick Fitting (SS) connector	1/8"x 4mm	60	Nos.		
22	Quick Fitting (SS) L-Bow	3/8" x 8mm	80	Nos.		
23	Quick Fitting L-Bow (Two Side)	4mm x 4mm	60	Nos.		
24	Quick Fitting (SS) connector	1/4" x 8mm	60	Nos.		
25	Quick Fitting (SS) Connector	1/8"x 8mm	60	Nos.		
26	HMI DELCOSE XL-L	ZS1057856	2	Nos.		
27	Emergency Switch	A030750 IDEC 631 AVW	2	Nos.		
28	MCB Breaker Single Pole	5SJ61-C1 230/400V	2	Nos.		
29	MCB Breaker 2-Pole	5SJ72-6A 400V 6A	2	Nos.		
30	Breaker	690V, 63A, 3VU1340, 1MK00	2	Nos.		
31	Contactor 3-Pole	3RT6023-1AL20 AC 230 V 50/60 HZ AC3 4 kW 400 V	2	Nos.		
32	Contactor 3-Pole	3RH5921-1EA11, 2- pole	2	Nos.		
33	Power Transformer	INPUT 0 360 380 400 415 435 V OUTPUT 230V/1.13 24V/2.083A	2	Nos.		
34	Main Contactor	3RT5054-1...6 140A 600V	4	Nos.		

SECTION G: ASSET NAME: REFRIGERATION DRYER MODEL # DC1350AX SERIAL # 134/22229/01

1	Direct Acting Solenoid Valve	740-00-555 230V 50- 60hz 3/8" #13H53	2	Nos.		
2	PCB Card	-	1	Nos.		
3	Electronic Condense drain	ECD 15B 230V	8	Nos.		

SECTION H: ASSET NAME: AIR COMPRESSOR (HITACHI) MODEL # 11OP-8.5CGA SERIAL # TG32080

1	V-Belt	B-108 (Oil & Heat)	12	Nos.		
2	HMI	DOP-B07S411	1	Nos.		
3	Inverter	-	2	Nos.		
4	Exhaust Fan	6X6 AC 220/240	4	Nos.		
5	Push Button Switch	ZB2-BE102C AC220/240	4	Nos.		
6	Breaker (Schneider)	C6 220/240 Single Pole	8	Nos.		
7	MCB Breaker (Schneider)	C25 220/240 3- Pole	4	Nos.		
8	MCB Breaker (Schneider)	C25 220/240 3- Pole	4	Nos.		
9	Contactor	40A 3-Pole	4	Nos.		
10	Power Supply (TRACO POWER)	TSL-030-124	2	Nos.		

S #.	Items Description	Specification / Part Ref. #	Req. Qty.	UOM	Unit Price	Total Price
11	Delta PLC MODULE	DVP-32EH	1	Nos.		
12	Electromagnetic Relay	24VDC 2-Pole	5	Nos.		
SECTION I: ASSET NAME: AIR RESERVOIR						
1	Ball Valve (SS) DN25	1" Ketz 316	4	Nos.		
2	2way Solenoid Valve	1/4" (UD-8) UNI-D	4	Nos.		
3	Pressure Gauge	0-100 kPa	4	Nos.		
4	Pressure Switch	0-7.5 Bar	4	Nos.		
5	Pneumatic Pipe	6mm -40 C to + 80 C 18~32 bar	100	meter		
6	Pneumatic Pipe	4mm -40 C to + 80 C 18~32 bar	100	meter		
7	Ball Valve (SS) DN15	1/2" Ketz 316	4	Nos.		
8	Pressure Gauge	0-150 PSI	8	Nos.		
9	Direct Acting Small NC Magnetic Valves	1/4" 2W-025-08 AC 220V	4	Nos.		
SECTION J: ASSET NAME: DUPLEX AGSS (DISPOSAL SYSTEM)						
1	Blower with Motor (BUSCH)	1.5 KW, 205HP, 2800RPM	2	Nos.		
2	Bearing	6205Z	4	Nos.		
3	Oil Seal	FP-36 (30 42 07)	6	Nos.		
SECTION K: ASSET NAME: BOOSTER PUMP						
1	LED Panel	Simatic Panel Touch- KTP600 Basic PN Mono(6AV6 647-0 AB11-3AX0)	2	Nos.		
2	Power Supply (AB) Quality Allen Bradley	1606-XLE 120EE, AC- 200/240 Volt/DC24V/5A	2	Nos.		
3	Relay	Comat Swiss-DC24V	3	Nos.		
4	Contacto 3-Pole	AB K40E	2	Nos.		
5	Contacto 3-Pole	AB K05	2	Nos.		
6	Module (Siemens)	S7-1200	2	Nos.		
7	Overload 3-Pole	3ZX1012-0RW40- 2DA1	2	Nos.		
8	Breaker 3-Pole	AB-140M-C2T	2	Nos.		
9	Breaker 3-Pole	NCN 316	2	Nos.		
10	Breaker 1/2 Pole	NCN 013 C13	2	Nos.		
11	ON/OFF Switch Schneider	IEC/EN 60947- 3,25A,15KW	2	Nos.		
12	Module Part	Simatic S7-1200, S- ZVDNYAN015589/SM- 1231-A1	4	Nos.		

SECTION L: TOOLS FOR MECHANICAL WORKSHOP.

S. #.	Items Description	Specification	Req. Qty.	UOM	Unit Price	Total Price
1	Pedestal Drill Machine	Frequency: 50/60 Hz Distance Between Center of Spindle to Column Front: 200 mm Drilling Capacity In Steel: 20 mm Feed: Hand Max Distance Between Spindle to Base: 600 mm Max Distance Between Spindle to Table: 300 mm	1	Nos.		
2	Pedestal Grinding Machine	Power Consumption 0.75 hp Phase 3 Phase Voltage 415V Speed 3000 RPM Wheel Diameter 200 mm	1	Nos.		
3	Heavy Grinder	7" Angel Grinder	1	Nos.		
4	Baby Grinder	4" Angel Grinder	1	Nos.		
5	LT Drill machine	-	1	Nos.		
6	Electric Drill Machine	-	1	Nos.		
7	Table Vice 24"	-	1	Nos.		
8	Table Vice Pipe Holding	-	1	Nos.		
9	Mini Table Vice 6"	-	1	Nos.		
10	Portable Welding Plant	130A Welding Machine, 3 in 1 Combo MMA/MIG/LIFT TIG Welder Machine, Flux Core Welder, MIG-130	1	Nos.		
11	LT Drill Machine	26mm Hammer Hilty/ Drill Machine - With Box	1	Nos.		
12	Electric Drill Machine	Electric Drill Machine 10mm	1	Nos.		
13	Table Vice	Heavy Duty 12"/300mm	1	Nos.		
14	Table Vice Pipe Holding	2x 1/2"	1	Nos.		
15	Mini Table Vice	Mini Bench Vice Clamp 4"	1	Nos.		
16	Rivet Gun With Pins	-	1	Nos.		
17	Mini Bend saw Machine	Light Duty	1	Nos.		
18	Electric Blower	-	1	Nos.		

SECTION M: 500 KG ELECTRIC BOILER PARTS / CONSUMABLES

S. #.	Items Description	Specification	Req. Qty.	UOM	Unit Price	Total Price
1	Heater with Flange 6PCD	316SS, HS, 380V, 24KW, (15,9,60) (LWH)	9	Nos.		
2	Teflon Sheet	5mm, 50" x 50"	2	Nos.		

S. #.	Items Description	Specification	Req. Qty.	UOM	Unit Price	Total Price
3	Stainless Steel Bolt	12 x 30 x 1.75	100	Nos.		
4	AC Contactor	AC Contactor, 20A	4	Nos.		
5	AC Fan	12V, 6" x 6"	4	Nos.		
6	Ampere Meter	0 – 400	2	Nos.		
7	Volt Meter	0 – 450	2	Nos.		
8	Heat Proof Cable	8mm	20	Meter		
9	Emergency Switch	No / NC	4	Nos.		
10	Push Button	Yellow	2	Nos.		
11	Push Button	Green	2	Nos.		
12	Push Button	Red	2	Nos.		
13	OCR	3A, 380V	2	Nos.		
14	Indication Light	Yellow	2	Nos.		
15	Indication Light	Green	2	Nos.		
16	Indication Light	Red	2	Nos.		
17	Relay	3A, 250V, Omron MY2N – J	2	Nos.		
18	HCL	-	20	Ltr.		
19	Cable Tie	16"	2	Packet		
20	Insulation Tape	Red, Blue, Green	5	Each		

SECTION N: OXYGEN GENERATION PLANT ROOM TOOLS FOR DEPARTMENT

S. #.	Items Description	Specification	Req. Qty.	UOM	Unit Price	Total Price
1	Measuring Tape	10 Meter	3	Nos.		
2	Screw Driver	(+ , -)	3	Set.		
3	Screw Driver	Hammer Type (+ , -)	2	Set.		
4	Oil Cane	-	5	Nos.		

S. #.	Items Description	Specification	Req. Qty.	UOM	Unit Price	Total Price
5	Ring Spanner (Taparia)	6 – 32mm	2	Set.		
6	Box Spanner (Taparia(=))	6 – 32mm	2	Set.		
7	Combination Wrench (Force 5191C)	6 – 32mm	1	Set.		
8	Adjustable Spanner	6”	4	Nos.		
9	Adjustable Spanner	12”	4	Nos.		
10	Allen Wrench (Short Type)	(TEKTON)	3	Set.		
11	Adjustable Screw Wrench	(TOPTUL) 10”	4	Nos.		
12	Combination Pliers (Taparia)	8”	3	Nos.		
13	Pipe Wrench (Forged)	6”	3	Nos.		
14	Pipe Wrench (Forged)	24”	3	Nos.		
15	Pipe Wrench (Forged)	36”	2	Nos.		
16	Pipe Wrench (Forged)	18”	2	Nos.		
17	Cutting Plier (Taparia)	6”	5	Nos.		
18	Long Nose Plier (Taparia)	-	5	Nos.		
19	O – Ring Kit Box	30 Size	2	Kit		
20	Electric Heat Gun	-	2	Nos.		
21	Hose Pipe	8mm	100	Meter		
22	Star L – N Key	-	3	Set		
23	Multi Meter (Digital)	Voltage DC +- (0.09% + 2), Max.Res 0.mv, Max 1000V	2	Nos.		
24	Clamp Meter	AC – 4A / 400A, DC – 600V	2	Nos.		
25	Megger Meter	50V, 100V, 250V, 500V, 1000V	2	Nos.		
26	Flat Screw Driver	Complete	1	Set		
27	Philip Screw Driver	Complete	1	Set		
28	Sata Electrical Tool	Complete	1	Set		
29	Plier	Complete	1	Set		

S. #.	Items Description	Specification	Req. Qty.	UOM	Unit Price	Total Price
30	Cutter Plier	-	2	Nos.		
31	Nose Plier	-	2	Nos.		
32	Grip Plier	-	4	Nos.		
33	Knife Cutter	-	5	Nos.		
34	Soldering Iron	-	3	Nos.		
35	Welding Face Shield	-	2	Nos.		
36	Belt Spanner	9" Belt Type Oil Filter Wrench	3	Nos.		
37	Chain Spanner	Chain Wrench Filter 9"	4	Nos.		
38	Hammer	2 – 4 Pond	4	Nos.		
39	Bearing Puller	Complete	2	Set		
40	Gasket Cutter	-	3	Nos.		
41	Meter Sheet Cutter	-	2	Nos.		
42	C – Clamp	3", 4", 5", 7", 9"	2	Set.		
43	Hand Tap with Handel	4mm	2	Set.		
44	Hand Tap	5mm	2	Set.		
45	Hand Tap	6mm	2	Set.		
46	Hand Tap	8mm	2	Set.		
47	Hand Tap	10mm	2	Set.		
48	Hand Tap	12mm	2	Set.		
49	Drill Bit – HSS – G	1 – 13mm	2	Set.		

S. #.	Items Description	Req. Qty.	UOM	Unit Price	Total Price
SECTION O: OTHER MISCELLANEOUS ITEMS					
1	Laryngoscope (Pediatric)	3	Nos.		
2	Laryngoscope (Adult)	1	Nos.		

S. #.	Items Description	Req. Qty.	UOM	Unit Price	Total Price
3	Gel Mattress for HDU and ICU Beds.	15	Nos.		
4	Patient Bed Mattress for HDU & ICU beds.	50	Nos.		
5	Ampoule Cutter	3	Nos.		
6	Large Plastic Bucket (For Empty Vials)	3	Nos.		
7	Metal Bookends Iron Support Holder Size: 7 inch	50	Nos.		
8	Doctor / Attendant stool <ul style="list-style-type: none"> - Five-Leg Base swivel chair, with a set of wheels for mobility and adjustable height. - 200 lbs Weight bearing capacity. - Step less Two-Way adjustment back support arm, allows vertical alignment. - Polyurethane foam seat / High Density 3" foam padding for both seat & Back Support Arm. Imported.	50	Nos.		
9	High Back Revolving Office Chair: <ul style="list-style-type: none"> - Five-Leg Base swivel chair with a set of wheels for mobility, Long Lumbar Support, Arm Rests and adjustable height. - 300 lbs Weight bearing Capacity - Polyurethane foam seat/ High Density foam padding for both seat & Back rest. Imported.	10	Nos.		
10	Seal for Container CSSD Disposable (Best Quality)	2000	Nos.		
11	UPS 2 KVA Online Pure Sinwave <ul style="list-style-type: none"> . Input: <ul style="list-style-type: none"> • Voltage Range: 220VAC \pm5% Single Phase • Input frequency range 50Hz-60Hz (Selectable) • Harmonic Distortion <5% or better . Output: <ul style="list-style-type: none"> • Voltage Range: 220VAC \pm5% Single Phase • Efficiency 90% or better • Economy Mode Option • Overload Operation. • Harmonic Distortion: <4% (linear load), < 8% (non-linear load) or better Battery: <ul style="list-style-type: none"> • 12V Sealed lead acid maintenance free batteries • Variable Charger Current 	6	Pcs.		

	<ul style="list-style-type: none"> • Transfer Time to battery 0ms • Transfer Time to bypass 0ms • 8minutes to 10 minutes backup at full load • General: • True online double conversion IGBT technology • Completely digitally controlled • Parallel operation/redundancy option • ISO, EN Certified • Communication and Monitoring Options • Inbuilt Isolation Transformer • Emergency Power Off Switch • Auto Restart • Operating Temperature: 15°C - 30°C • Storage Temperature: 15°C - 50°C • Warranty: 2 years UPS and battery • Country of origin: • Must be manufactured in: USA, EEC, Japan or Equivalent • Complete Job: Supply, Installation, Testing, Commissioning and Maintenance (during maintenance period) 																				
12	<p>On Line Double Conversion 15kVA UPS with 3 Phase In and 3 Phase Out.</p> <p>The System should be configured to parallel redundancy. System should be with modular design and having self-diagnostic capability for power module. Should have following features:</p> <ul style="list-style-type: none"> • UPS Classification VFI-SS111 (IEC 62040-3) • On-Line Double Conversion • PFC Rectifier with IGBT Technology • Modular Technology • Modules with progressive self diagnostics • High Efficiency • Sine Wave Output • Digital Signaling Processor • Clearly Arranged LCD Display • RS232 and expandability for various interfaces (SNMP, Relays, RS485/Modbus) • Low Weight <table border="1" data-bbox="159 1630 965 1991"> <tr> <td colspan="2">Power</td> <td>15kVA/12kW</td> </tr> <tr> <td colspan="2">Efficiency (AC-AC) - % (ECO-mode)</td> <td>>98</td> </tr> <tr> <td colspan="2">Efficiency (AC-AC) - % (online-mode, 100% load)</td> <td>>92</td> </tr> <tr> <td rowspan="3">Input</td> <td>Voltage nominal</td> <td>3-Phase 400VAC</td> </tr> <tr> <td>Voltage Range</td> <td>300-400-415VAC-20% / +15%</td> </tr> <tr> <td>Frequency</td> <td>50Hz – 60Hz ±</td> </tr> </table>	Power		15kVA/12kW	Efficiency (AC-AC) - % (ECO-mode)		>98	Efficiency (AC-AC) - % (online-mode, 100% load)		>92	Input	Voltage nominal	3-Phase 400VAC	Voltage Range	300-400-415VAC-20% / +15%	Frequency	50Hz – 60Hz ±	3	Nos.		
Power		15kVA/12kW																			
Efficiency (AC-AC) - % (ECO-mode)		>98																			
Efficiency (AC-AC) - % (online-mode, 100% load)		>92																			
Input	Voltage nominal	3-Phase 400VAC																			
	Voltage Range	300-400-415VAC-20% / +15%																			
	Frequency	50Hz – 60Hz ±																			

		5Hz				
	Power factor	>0.99				
Output	Voltage	380-415VAC selectable				
	Frequency	50Hz or 60Hz ± 0.001Hz (battery mode) ± 2Hz synchronized mains				
	Waveform	sinusoidal				
	THD	< 2% (linear load), < 5% (nonlinear load), IEC 62040-3				
	Crest factor	3*1				
	Batteries	Type	Maintenance- free lead-acid batteries			
Autonomy		starting 4 min / depending on the battery mounting				
Charging current		10A				
Charging time		7-8 h to 90% of full capacity after complete discharge				
Switching time	AC-DC into the bypass	0ms				
Panel	LCD	Alpha-numeric display with backlight				
	LED	Diagram with LEDs				
Acoustic alarm	can be switched off	Yes				
Interface	RS-232 interface	Yes				
	SNMP (option)	Yes				
	Potential-free contacts (option)	Eight Signals with additional card				
Environment	Temperature	0-40°C (Battery 0 - +25°C)				
	Humidity	<95% non- condensing				
	Audible noise level (at 1m distance)	< 52dB				
Safety	Safety	DIN EN 62040- 1				
	EMC	DIN EN 62040- 2, Class C3				
	Tests	CE				
Warranty: 2 years UPS and battery						

	<p>Country of origin:</p> <ul style="list-style-type: none"> • Must be manufactured in: USA, EEC, Japan or Equivalent <p>Complete Job: Supply, Installation, Testing, Commissioning and Maintenance (during maintenance period).</p>																																				
13	<p>On Line Double Conversion 30kVA UPS with 3 Phase In and 3 Phase Out.</p> <p>The System should be configured to parallel redundancy. System should be with modular design and having self-diagnostic capability for power module. Should have following features:</p> <ul style="list-style-type: none"> • UPS Classification VFI-SS111 (IEC 62040-3) • On-Line Double Conversion • PFC Rectifier with IGBT Technology • Modular Technology • Modules with progressive self diagnostics • High Efficiency • Sine Wave Output • Digital Signaling Processor • Clearly Arranged LCD Display • RS232 and expandability for various interfaces (SNMP, Relays, RS485/Modbus) • Low Weight <table border="1" data-bbox="156 1037 976 1960"> <tr> <td data-bbox="156 1037 678 1077">Power</td> <td colspan="2" data-bbox="678 1037 976 1077">30kVA/24kW</td> </tr> <tr> <td data-bbox="156 1077 678 1155">Efficiency (AC-AC) - % (ECO-mode)</td> <td colspan="2" data-bbox="678 1077 976 1155">>98</td> </tr> <tr> <td data-bbox="156 1155 678 1240">Efficiency (AC-AC) - % (online-mode, 100% load)</td> <td colspan="2" data-bbox="678 1155 976 1240">>92</td> </tr> <tr> <td data-bbox="156 1240 379 1444" rowspan="4">Input</td> <td data-bbox="379 1240 678 1285">Voltage nominal</td> <td data-bbox="678 1240 976 1285">3-Phase 400VAC</td> </tr> <tr> <td data-bbox="379 1285 678 1364">Voltage Range</td> <td data-bbox="678 1285 976 1364">300-400-415VAC-20% / +15%</td> </tr> <tr> <td data-bbox="379 1364 678 1408">Frequency</td> <td data-bbox="678 1364 976 1408">50Hz – 60Hz ± 5Hz</td> </tr> <tr> <td data-bbox="379 1408 678 1444">Power factor</td> <td data-bbox="678 1408 976 1444">>0.99</td> </tr> <tr> <td data-bbox="156 1444 379 1883" rowspan="5">Output</td> <td data-bbox="379 1444 678 1514">Voltage</td> <td data-bbox="678 1444 976 1514">380-415VAC selectable</td> </tr> <tr> <td data-bbox="379 1514 678 1637">Frequency</td> <td data-bbox="678 1514 976 1637">50Hz or 60Hz ± 0.001Hz (battery mode) ± 2Hz synchronized mains</td> </tr> <tr> <td data-bbox="379 1637 678 1720">Waveform</td> <td data-bbox="678 1637 976 1720">sinusoidal</td> </tr> <tr> <td data-bbox="379 1720 678 1843">THD</td> <td data-bbox="678 1720 976 1843">< 2% (linear load), < 5% (nonlinear load), IEC 62040-3</td> </tr> <tr> <td data-bbox="379 1843 678 1883">Crest factor</td> <td data-bbox="678 1843 976 1883">3*1</td> </tr> <tr> <td data-bbox="156 1883 379 1960">Batteries</td> <td data-bbox="379 1883 678 1960">Type</td> <td data-bbox="678 1883 976 1960">Maintenance-free lead-acid batteries</td> </tr> </table>	Power	30kVA/24kW		Efficiency (AC-AC) - % (ECO-mode)	>98		Efficiency (AC-AC) - % (online-mode, 100% load)	>92		Input	Voltage nominal	3-Phase 400VAC	Voltage Range	300-400-415VAC-20% / +15%	Frequency	50Hz – 60Hz ± 5Hz	Power factor	>0.99	Output	Voltage	380-415VAC selectable	Frequency	50Hz or 60Hz ± 0.001Hz (battery mode) ± 2Hz synchronized mains	Waveform	sinusoidal	THD	< 2% (linear load), < 5% (nonlinear load), IEC 62040-3	Crest factor	3*1	Batteries	Type	Maintenance-free lead-acid batteries	3	Nos.		
Power	30kVA/24kW																																				
Efficiency (AC-AC) - % (ECO-mode)	>98																																				
Efficiency (AC-AC) - % (online-mode, 100% load)	>92																																				
Input	Voltage nominal	3-Phase 400VAC																																			
	Voltage Range	300-400-415VAC-20% / +15%																																			
	Frequency	50Hz – 60Hz ± 5Hz																																			
	Power factor	>0.99																																			
Output	Voltage	380-415VAC selectable																																			
	Frequency	50Hz or 60Hz ± 0.001Hz (battery mode) ± 2Hz synchronized mains																																			
	Waveform	sinusoidal																																			
	THD	< 2% (linear load), < 5% (nonlinear load), IEC 62040-3																																			
	Crest factor	3*1																																			
Batteries	Type	Maintenance-free lead-acid batteries																																			

		Autonomy	starting 4 min / depending on the battery mounting				
		Charging current	10A				
		Charging time	7-8 h to 90% of full capacity after complete discharge				
	Switching time	AC-DC into the bypass	0ms				
	Panel	LCD	Alpha-numeric display with backlight				
		LED	Diagram with LEDs				
	Acoustic alarm	can be switched off	Yes				
	Interface	RS-232 interface	Yes				
		SNMP (option)	Yes				
		Potential-free contacts (option)	Eight Signals with additional card				
<p>Warranty: 2 years UPS and battery</p> <p>Country of origin:</p> <ul style="list-style-type: none"> • Must be manufactured in: USA, EEC, Japan or Equivalent <p>Complete Job: Supply, Installation, Testing, Commissioning and Maintenance (during maintenance period)</p>							

14	<p>Supply, Installation, Testing & commissioning of 500kVA Diesel Generator Sets with Canopy operating on 3-phase, 400V, 50Hz, 1500 rpm Prime Rated, Water Cooled Diesel generating sets, suitable for operation at 50°C inside Canopy with control panel, AMF (without ATS) and 90% relative humidity assembled in accordance with their provided drawings / manuals and consisting of painted welded steel bed plate frame work to accommodate engine alternator complete with balanced flywheel, water jacket heaters energized by the incoming main supply, heavy duty starting batteries, battery charger, hour runs meter, KWH meter, emergency stop push button, radiator, with water level switch, fuel tank, piping works, consisting of black steel pipe schedule 40, fuel pump, exhaust system residential type silencer, 400/230 V, 50 Cycles/second , at 1500 RPM, for 3 phase 4 wire system.</p> <p>The work also includes but not limited to</p> <ul style="list-style-type: none"> • Transportation upto site • 1/2 thick neuprene Sheet and placement on foundation pads • Vibration Isolators, leveling and grouting <p>All DG Sets shall be without power panels except for those which has built-in circuit breaker</p> <p>The work also includes all allied mechanical and electrical works including material, labor, tools, accessories etc. Complete in all respects.</p> <p>Note: On load testing (100%, 75% and 50%) of DG set with material required for 4 hours operation inclusive of fuel, engine oil, load bank etc.</p> <p>Supply & Installation of 500 KVA Gen Set</p>	02	Nos.		
	<p>Electric Cables</p> <p>Supply, Laying, Testing and commissioning of following LV Copper Cables PVC/PVC 600/1000V via floor duct/trench or already provided cable ladder with all required installation accessories (already provided)as per direction of the Engineer and Cable Schedule detail. complete in all respect.</p> <p>2 x 4C- 185sqmm CU/PVC/PVC + 2 x 1C-95 sqmm CU/PVC AS ECC</p>	310	Rm		
	<p>Electric Panel</p> <p>Supply, Installation, Testing and Commissioning of Complete LV Switchgear panel as per given SLD with all required installation and termination accessories, all kinds of control cable, Pfi Panel, auto phase reversal and ATS as per Single Line diagram and Specification, Contractor should be submit the Shop drawings for approval.</p> <p>Sync Panel</p>	1	Set		

SECTION P: PHYSIOTHERAPY RELATED ITEMS:

S.#	Item Name & Description	Req. Qty.	U.O.M	Unit Price	Total Amount
01	Reflex Hammer – as Standard	10	Nos.		
02	Goniometry Case - as Standard	1	Nos.		
03	Hot Pack (Cervical, Lumber, Shoulder, Knee) – Standard Dimension	20	Each		
04	Cold Pack (Cervical, Lumber, Shoulder, Knee) - Standard Dimension	20	Each		
05	Therapeutic K-Tape - Standard Size	50	Each		
06	Electrodes with Leads Rubber Made (Compatible with TENS Machine)	10	Packs		
07	Adjustable Walkers - Standard	2	Pcs.		
08	Crutches - Axillary	1	Pair		
09	Crutches - Elbow	1	Pair		
10	Canes - Tripod	1	Each		
11	Canes - Tetrapod	1	Each		
12	Exercise Mats - Standard Size	5	Pcs		
13	Theraband all 05 Colors / 45 Meter Roll	1	Each		
14	Exercise Wrist Band Weights (0 to 5 Kg)	2	Nos.		
15	Swiss Ball Size - Medium	1	Nos.		
16	Swiss Ball Size - Large	1	Nos.		
17	Dumbbells 1Kg	2	Pair		
18	Dumbbells 2Kg	2	Pair		
19	Dumbbells 3Kg	2	Pair		
20	Shoulder Wheel Specification: - Type III	1	Nos.		

S.#	Item Name & Description	Req. Qty.	U.O.M	Unit Price	Total Amount
21	Shoulder Abduction Ladder Specification: - Wall Bars - Simple Model	2	Nos.		
22	Rehabilitation Stairs Specification: - Exercise Stairs - Right Angles Version	1	Nos.		
23	Percussor Specification: - Bucks, Queens and Taylors	5	Nos.		
24	Wrist Roller Specification: - with Adjustable Resistance	1	Nos.		

Note: All Above mentioned items related to Section E are purely base on approved sample basis if the supplier / Bidder not submitted sample along with bidding documents then the items were rejected:

Note:

1. The technical evaluation carried out by the Procurement Committee, SMBBIT, Karachi will be final.

Signature of Manufacturers /Importers/Sole Agents/Contractors: - _____

Name of Firm: - _____

Full Address: - _____

Telephone No. Office: - _____ Cell No: - _____

Email Address (if any) _____

BID LETTER FORM

From:

(Registered name and address of the bidder) To:

Executive Director,

Shaheed Mohtarma Benazir Bhutto Institute of Trauma,

Karachi – 74200

Dear Sir / Madam,

Having examined the bidding document and amendment thereon we undersigned, offer to provide services to the works including in conformity with the terms and conditions of the bidding document and amendments there on, for the following project in response to your tender call dated_____

Tender Title:

We undertake to provide services/execute the above project or it part assigned to us in conformity with the said bidding documents for an estimated sum of Rs. _____ (Rupees - _____) (total bid amount in words and figures) which may vary in accordance with the schedule of prices attached herewith and coverage options made by SMBBIT or its user organization.

If our bid is accepted, we undertake to;

- 1) Provide services/execute the work according to the time schedule specified in the bid document,
- 2) Obtain the performance guarantee of bank in accordance with bid requirements for the due performance of the contract, and
- 3) Agree to abide by the bid conditions, including pre-bid meeting minutes if any, which remain binding upon us during the entire bid validity period and bid may be accepted any time before the expiration of that period.
- 4) We understand that you are not bound to accept the lowest or any bid you may receive, nor to give any reason for the rejection of any bid and that you will not defray any expenses incurred by us in bidding.

Place:

Date:

Bidder's signature
and seal.

CONTRACT AGREEMENT

Tender Title

This Contract Agreement (hereinafter called the Agreement) made on ___ day of _____ Year.

BETWEEN

M/s.

A Contractor, having its office at **Bidder's address**.(Hereinafter mentioned as Contractor), which expression shall be deemed to mean and include its successors-in-interest and permitted assigns;

AND

SHAHEED MOHTARMA BENAZIR BHUTTO ISTITUTE OF TRAUMA A department under Government of Sindh, having its office at SMBBIT, Chand Bibi Road, Karachi Sindh, Pakistan hereinafter mentioned as “the Client”, which expression shall be deemed to mean and include its successors-in-interest and permitted assigns;

WHEREAS the Contractor has agreed to render certain services i.e. “**Tender Title**” to SMBBIT Karachi and has necessary know how and staff in the respect.

AND

WHEREAS the Client is desirous of availing the services offered by the contractor for “**Tender Title**” for its premises at the cost of **Rs.** _____/- (The contract amount) as per below mentioned **BOQ**.

Brief particulars of the services which shall be supplied / provided by the Supplier are as under:

Item. #	DESCRIPTION	Unit Quantity	Unit	Quoted Rate

Now this agreement witnesseth as follows:

1. In this agreement words and expression shall have the same meanings as are respectively assigned to them in the Terms & Conditions of Tender Enquiry referred to.
2. The Following documents after incorporating addenda, if any except these parts relating to Instruction to bidders, shall be deemed to form and be read and constructed as part of this Agreement, viz:
 - a. Purchase order(s)/ Letter of Acceptance where applicable.
 - b. The completed Form of Bid along with Schedules to Bid.
 - c. Condition of Contract & Contract Data
 - d. The priced Scheduled of prices
 - e. The specifications

3. In consideration of the payments to be made by the Purchaser to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Purchaser to execute and complete the Works and remedy defects therein in conformity and in all respects within the provisions of the Contract.
4. The Purchaser hereby covenants to pay the Supplier, in consideration of the execution and completion of the Works as per provisions of the Contract, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.
5. The Contract Price of tender will be Rs: _____/Year;
6. That estimated cost of tender is on approximate basis and may vary in case of forced majeure or as per the demand of situation.

IN WITNESS WHEREOF the parties hereto have caused this Contract Agreement in accordance with their respective hands and seals, the day, month and the year first above written.

This contract will be extendible on the same rates till the allocation of new tender.

Signature of the Supplier

Signature of the Purchaser

(Seal)

(Seal)

Signed, Sealed and Delivered in the presence of:

Witness:

Witness:

(Name, Title and Address)

(Name, Title and Address)

FORM OF PERFORMANCE SECURITY

(Bank Guarantee)

Guarantee No.: _____

Executed on: _____

Expiry date: _____

[Letter by the Guarantor to the Employer]

Name of Guarantor (Bank) with complete address (Scheduled Bank in Pakistan):

Name of Principal (Contractor, Manufacturer, Supplier or any bidder) with complete address:

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

Letter of Acceptance No. _____ Dated: _____

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

THE CONDITION OF THIS OBLIGATION IS SUCH that whereas the Principal has accepted the Employer's above said Letter of Acceptance for _____ (Name of Contract) for the _____ (Name of Project).

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

Our total liability under this Guarantee is limited to the sum stated above and it is a condition of any liability attaching to us under this Guarantee that the claim for payment in writing shall be received by us within the validity period of this Guarantee, failing which we shall be discharged of our liability, if any, under this Guarantee.

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

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

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

Witness:

1. _____
(Name, Title, Signature & Seal)

Guarantor (Bank)

Signature: _____

2. _____
(Name, Title, Signature & Seal)

Name: _____

Title: _____

AFFIDAVIT (on Judicial Stamp Paper)

I/We, the undersigned [**Name of the Supplier**] hereby solemnly declare and undertake that:

1. I/We have read the contents of the Bidding Document and have fully understood it.
2. The Bid being submitted by the undersigned complies with the requirements enunciated in the bidding documents.
3. The Goods that we propose to supply under this contract are eligible goods within the meaning of this SBD.
4. The undersigned are also eligible Bidders within the meaning of the Standard Bidding Documents.
5. The undersigned are solvent and competent to undertake the subject contract under the Laws of Pakistan.
6. I/We have not paid nor have agreed to pay, any Commissions or Gratuities to any official or agent for SMBB Institute of Trauma related to this Bid or Award or Contract.
7. I/We are not blacklisted or facing debarment from any institute of Federal, Provincial Government or any Department /Agency/Organization/Autonomous body or Private Sector organization anywhere in Pakistan.
8. That undersigned has not employed any child labor in the organization/unit.
9. I/We understand that the Selection and Rate Contracting Committee of the Procuring Agency is not bound to accept the lowest or any other bid they may receive.

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

Signatures with stamp

Name: _____

Designation: _____

CNIC No. _____ (**Copy must be attached**)

For Messrs. [Name of Supplier]

UNDERTAKING (Stipulated Time)

I/We, the undersigned [**Name of the Supplier**] hereby solemnly declare and undertake that: Supply of Quoted items will be delivered in stipulated time.

Signatures with stamp

Name: _____

Designation: _____

CNIC No. _____ (**Copy must be attached**)

For Messrs. [Name of Supplier]

INTEGRITY PACT

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

Contract Number: **NO.**

Dated:

Contract Value: **Rs.**

Contract Title: **Tender Title**

M/s. _____ hereby declares that it has not obtained or induced the procurement of any contract, right, interest, privilege or other obligation or benefit from Government of Sindh (GoS) or any administrative subdivision or agency thereof or any other entity owned or controlled by it (GoS) through any corrupt business practice.

Without limiting the generality of the foregoing, **M/s.** _____ 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, SMBBIT Karachi (PA), except that which has been expressly declared pursuant hereto.

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

M/s. _____ accepts full responsibility and strict liability for making any false declaration, not making full disclosure, misrepresenting facts or taking any action likely to defeat the purpose of this declaration, representation and warranty. It agrees that any contract, right, interest, privilege or other obligation or benefit obtained or procured as aforesaid shall, without prejudice to any other right and remedies available to PA under any law, contract or other instrument, be voidable at the option of PA.

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

M/s. _____

Executive Director /DDO