

STANDARD BIDDING DOCUMENT (SBD)



GOVERNMENT OF SINDH

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

**“PROCUREMENT OF MISC. ITEMS
(HVAC, ELECTRICAL & GENSET PARTS,
PAINT & PLUMBING) ON
FRAMEWORK CONTRACT BASIS
(SPPRA RULE 15(B))”**

TENDER REFERENCE# PROC/SMBBIT/(HEP-01)/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.**

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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.

INSTRUCTIONS TO BIDDERS

1. Shaheed Mohtarma Benazir Bhutto Institute of Trauma (SMBBIT) 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 MISC. ITEMS (HVAC, ELECTRICAL & GENSET PARTS, PAINT & PLUMBING) ON FRAMEWORK CONTRACT BASIS (SPPRA Rule 15(B))**” Tender Ref. #: **PROC/SMBBIT/(HEP-01)/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)** 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) 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 MISC. ITEMS (HVAC, ELECTRICAL & GENSET PARTS, PAINT & PLUMBING) ON FRAMEWORK CONTRACT BASIS (SPPRA Rule 15(B))”** Tender Ref. #: **PROC/SMBBIT/(HEP-01)/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)**. 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 MISC. ITEMS (HVAC, ELECTRICAL & GENSET PARTS, PAINT & PLUMBING) ON FRAMEWORK CONTRACT BASIS (SPPRA Rule 15(B))”** Tender Ref. #: **PROC/SMBBIT/(HEP-01)/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 points 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.		
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 2022-23 (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 20 Million or more.		
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)		
10.	Bidder already providing services at SMBBIT should obtain & attach a satisfactory performance certificate from competent authority of SMBB Institute of Trauma (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 form (In Excel/DOC format and searchable)		

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.

SCHEDULE OF REQUIREMENT

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

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 one month** 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 one month that 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. 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).

BILL OF QUANTITIES (BOQ) OF
SHAHEED MOHTARMA BENAZIR BHUTTO INSTITUTE OF
TRAUMA (SMBBIT), KARACHI

**“PROCUREMENT OF MISC. ITEMS (HVAC, ELECTRICAL
PARTS, PAINT & PLUMBING) ON FRAMEWORK CONTRACT
BASIS (SPPRA Rule 15(B))”**

Tender Ref. #: PROC/SMBBIT/(HEP-01)/2022-23

S.NO	ITEM NAME AND DESCRIPTION	UOM	TENTATIVE QTY	UNIT PRICE	TOTAL AMOUNT
	HVAC CONSUMABLE ITEMS				
	GENERAL ITEMS USE IN AIR CONDITIONING				
1	Gas R-22 (Make: Usa/Honeywell) (Conforming To Existing At Site) (13.5 Kg)	Cylinder	10		
2	Gas R-410-A (Make: Usa/Honeywell) (Conforming To Existing At Site) (11 Kg)	Cylinder	18		
3	Gas R-134-A (Make: Usa/Honeywell) (Conforming To Existing At Site) (11 Kg)	Cylinder	2		
4	Gas R-404-A (Make: Usa/Honeywell) (Conforming To Existing At Site) (10.9 Kg)	Cylinder	2		
5	Gas R-32 (Make: Usa/Honeywell) (Conforming To Existing At Site) (9.5 Kg)	Cylinder	1		
6	Compressor Oil R-22 (Make: Suniso Original/Shell) (Conforming To Existing At Site) (4 Litre)	Gallon	4		

S.NO	ITEM NAME AND DESCRIPTION	UOM	TENTATIVE QTY	UNIT PRICE	TOTAL AMOUNT
7	Compressor Oil R-410 (Make: Suniso Original/Shell) (Conforming To Existing At Site) (4 Litre)	Gallon	4		
8	Compressor Oil R-404 (Make: Suniso Original/Shell) (Conforming To Existing At Site) (4 Litre)	Gallon	3		
9	Compressor Oil R-134 (Make: Suniso Original/Shell) (Conforming To Existing At Site) (4 Litre)	Gallon	3		
10	Compressor 1 Ton Rotary (Replace) (Conforming To Existing At Site) (1-ton)	No's	3		
11	Compressor 1.5 Ton Rotary (Replace) (Conforming To Existing At Site) (1.5 ton)	No's	3		
12	Compressor 2.0 Ton Rotary (Replace) (Conforming To Existing At Site) (2-ton)	No's	10		
13	Compressor 2.5 Ton Scroll (Replace) (Conforming To Existing At Site) (2.5-ton)	No's	5		
14	Compressor 4.0 Ton Scroll & Rotary (Replace) (Conforming To Existing At Site) (4.0 ton)	No's	4		
15	Compressor 6.0 Ton Scroll Double Stage Suction Copland (Replace) (Conforming To Existing At Site) (6-ton)	No's	6		
16	Compressor (Replace) (Conforming To Existing At Site) (Size 1/4 0.036)	No's	6		
17	Compressor (Replace) (Conforming To Existing At Site) (Size 1/5 0.033)	No's	6		
18	Compressor (Replace) (Conforming To Existing At Site) (Size 1/6 0.031)	No's	6		

S.NO	ITEM NAME AND DESCRIPTION	UOM	TENTATIVE QTY	UNIT PRICE	TOTAL AMOUNT
19	Compressor (Replace) (Conforming To Existing At Site) (Size 1/8 0.028)	No's	6		
20	Compressor Leads (R C S) (Conforming To Existing At Site)	No's	24		
21	Compressor Relay Electronic Fridge Water Dispenser (Conforming To Existing At Site)	No's	24		
22	Compressor Overload Electronic Fridge Water Dispenser (Conforming To Existing At Site)	No's	24		
23	Compressor Relay Denfoss Fridge Water Dispenser (Conforming To Existing At Site)	No's	24		
24	Compressor Overload Denfoss Fridge Water Dispenser (Conforming To Existing At Site)	No's	24		
25	Filter Drier Fridge Water Dispenser (Conforming To Existing At Site)	No's	50		
26	Compressor Cold Storage R-404 ZANOTTI (Replace) (Conforming To Existing At Site)	No's	2		
27	CTC Flushing Chemical	liter	100		
28	1000 Flushing Chemical	liter	100		
29	Capacitor 50uf (Make: Fuji) (Conforming To Existing At Site)	No's	12		
30	Capacitor 60uf (Make: Fuji) (Conforming To Existing At Site)	No's	12		
31	Capacitor 2.2uf (Make: Fuji) (Conforming To Existing At Site)	No's	6		
32	Capacitor 2.5uf (Make: Fuji) (Conforming To Existing At Site)	No's	6		
33	Capacitor 5.0uf (Make: Fuji) (Conforming To Existing At Site)	No's	6		

S.NO	ITEM NAME AND DESCRIPTION	UOM	TENTATIVE QTY	UNIT PRICE	TOTAL AMOUNT
34	Capacitor 7.0uf (Make: Fuji) (Conforming To Existing At Site)	No's	6		
35	Capacitor 8.0uf (Make: Fuji) (Conforming To Existing At Site)	No's	6		
36	Capacitor 10uf (Make: Fuji) (Conforming To Existing At Site)	No's	6		
37	Capacitor 12uf (Make: Fuji) (Conforming To Existing At Site)	No's	6		
38	Capacitor 20uf (Make: Fuji) (Conforming To Existing At Site)	No's	6		
39	Magnetic Contactor Single Phase 16 Amp 2-Pole (Conforming To Existing At Site)	No's	12		
40	Magnetic Contactor Single Phase 20 Amp 1-Pole (Conforming To Existing At Site)	No's	12		
41	Magnetic Contactor Single Phase 20 Amp 2-Pole (Conforming To Existing At Site)	No's	12		
42	Magnetic Contactor Three Phase 32 Amp 3-Pole TC-18 (Conforming To Existing At Site)	No's	12		
43	Gas Charging Valve 1/4" (Make: Mueller/Muller USA) (Conforming To Existing At Site)	No's	12		
44	Gas Charging Valve 1/2" (Make: Mueller/Muller USA) (Conforming To Existing At Site)	No's	12		
45	Gas Charging Valve 3/8" (Make: Mueller/Muller USA) (Conforming To Existing At Site)	No's	12		
46	Gas Charging Valve 5/8" (Make: Mueller/Muller USA) (Conforming To Existing At Site)	No's	12		

S.NO	ITEM NAME AND DESCRIPTION	UOM	TENTATIVE QTY	UNIT PRICE	TOTAL AMOUNT
47	Gas Charging Valve 3/4" (Make: Mueller/Muller USA) (Conforming To Existing At Site)	No's	6		
48	Gas Charging Pin Valve 1/4" (Make: Mueller/Muller USA) (Conforming To Existing At Site)	No's	24		
49	Copper U Band 1/4" (Make: Mueller/Muller USA) (Conforming To Existing At Site)	No's	250		
50	Copper U Band 3/8" (Make: Mueller/Muller USA) (Conforming To Existing At Site)	No's	250		
51	Flexible Pipe PVC (For Drain Line) 1" (Conforming To Existing At Site)	Feet's	250		
52	Flexible Pipe PVC (For Drain Line) 3/4" (Conforming To Existing At Site)	Feet's	300		
53	Flexible Pipe PVC (For Electrical Conduit) 1" (Conforming To Existing At Site)	Feet's	300		
54	AC Outdoor Bracket (Conforming To Existing At Site)	No's	10		
55	Capillary tube 0/32 (Make: Mueller/Muller USA) (Conforming To Existing At Site)	Coil	1		
56	Capillary tube 0/36 (Make: Mueller/Muller USA) (Conforming To Existing At Site)	Coil	1		
57	Capillary tube 1/32" (Make: Mueller/Muller USA) (Conforming To Existing At Site)	Coil	1		
58	Copper Pipe 50, Feet Coil (Make: Mueller/Muller USA) (Conforming To Existing At Site)	Coil	3		
59	Copper Pipe 50, Feet Coil (3/8") (Make: Mueller/Muller USA) (Conforming To Existing At Site)	Coil	6		

S.NO	ITEM NAME AND DESCRIPTION	UOM	TENTATIVE QTY	UNIT PRICE	TOTAL AMOUNT
60	Copper Pipe 50, Feet Coil (1/2") (Make: Mueller/Muller USA) (Conforming To Existing At Site)	Coil	5		
61	Copper Pipe 50, Feet Coil (5/8") (Make: Mueller/Muller USA) (Conforming To Existing At Site)	Coil	4		
62	Copper Pipe 50, Feet Coil (3/4") (Make: Mueller/Muller USA) (Conforming To Existing At Site)	Coil	2		
63	Flare Nut Copper (3/8") (Make: Mueller/Muller USA) (Conforming To Existing At Site)	No's	50		
64	Flare Nut Copper (1/2") (Make: Mueller/Muller USA) (Conforming To Existing At Site)	No's	36		
65	Flare Nut Copper (5/8") (Make: Mueller/Muller USA) (Conforming To Existing At Site)	No's	50		
66	Flare Nut Copper (3/4") (Make: Mueller/Muller USA) (Conforming To Existing At Site)	No's	24		
67	Flare Nut Copper (1/4") (Make: Mueller/Muller USA) (Conforming To Existing At Site)	No's	24		
68	Union Copper (3/8") (Make: Mueller/Muller USA) (Conforming To Existing At Site)	No's	24		
69	Union Copper (1/2") (Make: Mueller/Muller USA) (Conforming To Existing At Site)	No's	24		
70	Union Copper (5/8") (Make: Mueller/Muller USA) (Conforming To Existing At Site)	No's	24		
71	Union Copper (3/4") (Make: Mueller/Muller USA) (Conforming To Existing At Site)	No's	12		
72	Union Copper (1/4") (Make: Mueller/Muller USA) (Conforming To Existing At Site)	No's	24		

S.NO	ITEM NAME AND DESCRIPTION	UOM	TENTATIVE QTY	UNIT PRICE	TOTAL AMOUNT
73	Liquid Line Drier Filter Threaded (3/8") (Make: Alco Controls/ Denfoss/Castel) (Conforming To Existing At Site)	No's	12		
74	Liquid Line Drier Filter Threaded (5/8") (Make: Alco Controls/ Denfoss/Castel) (Conforming To Existing At Site)	No's	12		
75	Liquid Line Drier Filter Threaded (1/2") (Make: Alco Controls/ Denfoss/Castel) (Conforming To Existing At Site)	No's	6		
76	Copper Pipe Aero flux Insulation (3/8") (Conforming To Existing At Site)	Box	5		
77	Copper Pipe Aero flux Insulation (7/8") (Conforming To Existing At Site)	Box	5		
78	Copper Pipe Aero flux Insulation (1-1/8") (Conforming To Existing At Site)	Box	5		
79	Circuit Card For Split Ac Universal (Conforming To Existing At Site)	No's	15		
80	Solenoid Coil With Assembly (220v/60hz/14w-24VA BF230CS) (Conforming To Existing At Site)	No's	3		
81	Indoor Blower Motor (For Cassette Type Ac)(Conforming To Existing At Site)	No's	2		
82	Outdoor Fan Motor (For Cassette Type Ac)(Conforming To Existing At Site)	No's	2		
83	Indoor Blower Motor (For Standing Ac) (Conforming To Existing At Site)	No's	2		
84	Outdoor Fan Motor (For Standing Ac) (Conforming To Existing At Site)	No's	2		
85	AHU Blower Motor Belt (Spa-1157 Lw) (Conforming To Existing At Site)	No's	6		
86	AHU Blower Motor Belt (Spa-1060 Lw) (Conforming To Existing At Site)	No's	6		
87	AHU Blower Motor Belt (Spa-1320 Lw) (Conforming To Existing At Site)	No's	6		
88	AHU Blower Motor Belt (Spa-1082 Lw) (Conforming To Existing At Site)	No's	6		
89	AHU Blower Motor Belt (Spa-900 Lw) (Conforming To Existing At Site)	No's	6		

S.NO	ITEM NAME AND DESCRIPTION	UOM	TENTATIVE QTY	UNIT PRICE	TOTAL AMOUNT
90	AHU Blower Motor Belt (Spa-982 Lw) (Conforming To Existing At Site)	No's	6		
91	AHU Blower Motor Belt (Spa-850 Lw) (Conforming To Existing At Site)	No's	6		
92	AHU Blower Motor Belt (Spa-950 Lw) (Conforming To Existing At Site)	No's	6		
93	AHU Blower Motor Belt (Spa-882 Lw) (Conforming To Existing At Site)	No's	6		
94	AHU Blower Motor Belt (Spa-1272 Lw) (Conforming To Existing At Site)	No's	6		
95	AHU Blower Motor Belt (Spa-1000 Lw) (Conforming To Existing At Site)	No's	6		
96	AHU Blower Motor Belt (Spa-1207 Lw) (Conforming To Existing At Site)	No's	6		
97	AHU Blower Motor Belt (B-49) (Conforming To Existing At Site)	No's	6		
98	AHU Blower Motor Belt (A-78) (Conforming To Existing At Site)	No's	6		
99	AHU Blower Motor Belt (A-76) (Conforming To Existing At Site)	No's	6		
100	AHU Blower Motor Belt (AX64LI) (Conforming To Existing At Site)	No's	6		
101	AHU Blower Motor Belt (A-63) (Conforming To Existing At Site)	No's	6		
102	AHU Blower Motor Belt (A-68) (Conforming To Existing At Site)	No's	6		
103	AHU Blower Motor Belt (B-68) (Conforming To Existing At Site)	No's	6		
104	AHU Blower Motor Belt (CX-78) (Conforming To Existing At Site)	No's	6		
105	Cooling Tower Fan Motor Belt (B 146) (Conforming To Existing At Site)	Nos	32		
106	Bearings (6201-2RS/C3 1/2) (Make SKF/NTN) (Conforming To Existing At Site)	No's	6		
107	Bearings (6202-2Z/C3) (Make SKF/NTN) (Conforming To Existing At Site)	No's	12		

S.NO	ITEM NAME AND DESCRIPTION	UOM	TENTATIVE QTY	UNIT PRICE	TOTAL AMOUNT
108	Bearings (6203-2Z/C3) (Make SKF/NTN) (Conforming To Existing At Site)	No's	2		
109	Bearings (6204-2Z/C3) (Make SKF/NTN) (Conforming To Existing At Site)	No's	12		
110	Bearings (6205-2Z/C3) (Make SKF/NTN) (Conforming To Existing At Site)	No's	12		
111	Bearings (6206-2Z/C3) (Make SKF/NTN) (Conforming To Existing At Site)	No's	12		
112	Bearings (6208-2Z/C3) (Make SKF/NTN) (Conforming To Existing At Site)	No's	12		
113	Bearings (6209-2Z/C3) (Make SKF/NTN) (Conforming To Existing At Site)	No's	4		
114	Bearings (6211-2Z/C3) (Make SKF/NTN) (Conforming To Existing At Site)	No's	6		
115	Bearings (6212-Z/C3) (Make SKF/NTN) (Conforming To Existing At Site)	No's	8		
116	Bearings (6213-Z/C3) (Make SKF/NTN) (Conforming To Existing At Site)	No's	6		
117	Bearings (6215-Z/C3) (Make SKF/NTN) (Conforming To Existing At Site)	No's	6		
118	Bearings (6311-ZZ) (Make SKF/NTN) (Conforming To Existing At Site)	No's	8		
119	Bearings (6300-Z/C3) (Make SKF/NTN) (Conforming To Existing At Site)	No's	6		
120	Bearings (6301-Z/C3) (Make SKF/NTN) (Conforming To Existing At Site)	No's	6		

S.NO	ITEM NAME AND DESCRIPTION	UOM	TENTATIVE QTY	UNIT PRICE	TOTAL AMOUNT
121	AHU Bearings (YET - 205) (Make SKF/NTN) (Conforming To Existing At Site)	No's	3		
122	AHU Bearings (YET - 206) (Make SKF/NTN) (Conforming To Existing At Site)	No's	3		
123	AHU Bearings (YET - 207) (Make SKF/NTN) (Conforming To Existing At Site)	No's	3		
124	AHU Bearings (YET - 208) (Make SKF/NTN) (Conforming To Existing At Site)	No's	3		
125	AHU Bearings (YET - 209) (Make SKF/NTN) (Conforming To Existing At Site)	No's	3		
126	AHU Bearings (YET - 210) (Make SKF/NTN) (Conforming To Existing At Site)	No's	3		
127	E O C R (0.5 to 6-Amp) (Make: Schneider) (Conforming To Existing At Site)	No's	12		
128	Motorize Valve (3/4") (Make: Honeywell/Hailin) (Conforming To Existing At Site)	No's	24		
129	Magnetic Contactor With Auxiliary Contact TC-22 (32 Amp) (Conforming To Existing At Site)	No's	12		
130	Magnetic Contactor (SC-5-2) (Conforming To Existing At Site)	No's	10		
131	E O C R (5 - 70 Amp) (Make: Schneider) (Conforming To Existing At Site)	No's	12		
132	Timer TUBN 8-Pin (Make: Fotek) (Conforming To Existing At Site)	No's	4		
133	Timer Multi Min to Sec 8-pin (Make: Fotek) (Conforming To Existing At Site)	No's	4		
134	Auto/Off/Manual Selector Switch (Make: Comsco) (Conforming To Existing At Site)	No's	4		

S.NO	ITEM NAME AND DESCRIPTION	UOM	TENTATIVE QTY	UNIT PRICE	TOTAL AMOUNT
135	Relay 8-pin (24-VDC) (Conforming To Existing At Site)	No's	4		
136	Relay 8-pin (220-VAC) (Conforming To Existing At Site)	No's	4		
137	Float Valve (1") (Conforming To Existing At Site)	No's	12		
138	Wire 3,Core 110/76 Flexible 90,Meter Coil Pakistan Cable (Copper) (Conforming To Existing At Site)	Coil	4		
139	Wire 3,Core Flexible 90, Meter Coil Pakistan Cable (Copper) (1.5mm) (Conforming To Existing At Site)	Coil	2		
140	Push Button Start / Stop (Conforming To Existing At Site)	No's	12		
141	Power Supply For VFD Fan (24vdc) (Conforming To Existing At Site)	No's	4		
142	Thermostat Controller For Fan Coil Unit (Conforming To Existing At Site)	No's	24		
143	Isolator Switch (32-Amp) (Conforming To Existing At Site)	No's	24		
144	Rowel Bolt 10mm (Conforming To Existing At Site)	No's	300		
145	Rowel Bolt 12mm (Conforming To Existing At Site)	No's	50		
146	Thermal Overload (10 Amp to 13 Amp) (Conforming To Existing At Site)	No's	6		
147	Thermal Overload (12 Amp to 16 Amp) (Conforming To Existing At Site)	No's	6		
148	AHU Blower Motor (1.1 kw) (Make: Alliance Induction) 3-Phase REWINDING (Conforming To Existing At Site)	No's	2		
149	AHU Blower Motor (1.5 kw) (Make: Alliance Induction) 3-Phase REWINDING (Conforming To Existing At Site)	No's	2		
150	AHU Blower Motor (2.2 kw) (Make: Alliance Induction) 3-Phase REWINDING (Conforming To Existing At Site)	No's	2		

S.NO	ITEM NAME AND DESCRIPTION	UOM	TENTATIVE QTY	UNIT PRICE	TOTAL AMOUNT
151	AHU Blower Motor (3.0 kw) (Make: Alliance Induction) 3-Phase REWINDING (Conforming To Existing At Site)	No's	2		
152	AHU Blower Motor (4.0 kw) (Make: Alliance Induction) 3-Phase REWINDING (Conforming To Existing At Site)	No's	2		
153	AHU Blower Motor (5.5 kw) (Make: Alliance Induction) 3-Phase REWINDING (Conforming To Existing At Site)	No's	3		
154	AHU Blower Motor (7.5 kw) (Make: Alliance Induction) 3-Phase REWINDING (Conforming To Existing At Site)	No's	5		
155	Fan Coil Unit Blower Motor REWINDING (380-Watt) (Conforming To Existing At Site)	No's	12		
156	VRV Condenser Fan Blower Motor REWINDING (Conforming To Existing At Site)	No's	2		
157	Wall Mounted Fan Coil Unit Blower Make: MAQUAY (Conforming To Existing At Site)	No's	5		
158	Hanging Mounted Fan Coil Unit Blower Make: MAQUAY (Conforming To Existing At Site)	Set's	5		
159	Ceiling Mounted Fan Coil Unit Blower Make: MAQUAY (Conforming To Existing At Site)	Set's	5		
160	Cooling Coil / Evaporator Coil Wall Mounted Fan Coil Unit Make: MAQUAY (Conforming To Existing At Site)	No's	5		
161	Cooling Coil / Evaporator Coil Hanging Mounted Fan Coil Unit Make: MAQUAY (Conforming To Existing At Site)	No's	5		
162	Cooling Coil / Evaporator Coil Ceiling Mounted Fan Coil Unit Make: MAQUAY (Conforming To Existing At Site)	No's	5		

S.NO	ITEM NAME AND DESCRIPTION	UOM	TENTATIVE QTY	UNIT PRICE	TOTAL AMOUNT
163	Cooling Coil / Evaporator Fresh Air Handling Unit Make: Climatech (Conforming To Existing At Site)	No's	1		
164	C-Clamp (2") (Conforming To Existing At Site)	No's	100		
165	Fisher (10mm) (Conforming To Existing At Site)	No's	250		
166	Fisher (12mm) (Conforming To Existing At Site)	No's	50		
167	Dura Duct PVC / Per Length 10Feet's (100 X 100) (Conforming To Existing At Site)	Feet's	300		
168	Dura Duct PVC / Per Length 10Feet's (120 X 120) (Conforming To Existing At Site)	Feet's	350		
169	Glass Whole 2" Thickness 1.2m Width High Density Aluminum Foil/ Kraft Laminate Facing(FSK) 45 Meter Roll (45 Meter) (Make: KIMMCO) (Conforming To Existing At Site)	Roll	5		
170	Teflon Tape (Conforming To Existing At Site)	No's	150		
171	Duct Sealer Solution (5 Kg) (Conforming To Existing At Site)	Gallon	4		
172	Thread Rod (10mm/2meter) (Conforming To Existing At Site)	Meter	40		
173	Nut With Washer (10mm) (Conforming To Existing At Site)	KG	3		
174	Thread Rod (12mm/2meter) (Conforming To Existing At Site)	Meter	20		
175	Nut With Washer (12mm) (Conforming To Existing At Site)	KG	3		
176	GI Sheet For Ducting 26 Gauge (Conforming To Existing At Site)	KG	500		
177	GI Sheet For Cladding 24 Gauge (Conforming To Existing At Site)	KG	500		
178	Cable Tie 8" (Conforming To Existing At Site)	Packet	12		
179	Cable Tie 10" (Conforming To Existing At Site)	Packet	12		

S.NO	ITEM NAME AND DESCRIPTION	UOM	TENTATIVE QTY	UNIT PRICE	TOTAL AMOUNT
180	Cable Tie 12" (Conforming To Existing At Site)	Packet	12		
181	Jubilee Clamp 1/2" SS (Conforming To Existing At Site)	No's	24		
182	Jubilee Clamp 3/4" SS (Conforming To Existing At Site)	No's	24		
183	Jubilee Clamp 1" SS (Conforming To Existing At Site)	No's	24		
184	Jubilee Clamp 2" SS (Conforming To Existing At Site)	No's	24		
185	WD-40 330ml (Conforming To Existing At Site)	No's	30		
186	CRC 300ml (Conforming To Existing At Site)	No's	30		
187	Gas Pressure Gauge 0 to 10 Bar/Psi (Conforming To Existing At Site)	No's	12		
188	Emery Paper (0 - No) (Conforming To Existing At Site)	No's	24		
189	Emery Paper (0.5 No) (Conforming To Existing At Site)	No's	24		
190	Emery Paper (1.0 No) (Conforming To Existing At Site)	No's	24		
191	Emery Paper (1.5 No) (Conforming To Existing At Site)	No's	24		
192	Emery Paper (2.0 No) (Conforming To Existing At Site)	No's	24		
193	Aero Flux Sheet 1x4x6 Feet (1"Tx4"Wx10L/Meter) (Conforming To Existing At Site)	No's	12		
194	Vacuum Pump Oil (3.75 Litre) (Make: Robin Air) (Conforming To Existing At Site)	Gallon	12		
195	Paint Brush 2" (Conforming To Existing At Site)	No's	6		
196	Paint Brush 3" (Conforming To Existing At Site)	No's	6		
197	Paint Brush 4" (Conforming To Existing At Site)	No's	6		
198	Mixing Oil Superior Quality (10 - Litre) (Conforming To Existing At Site)	Cane	6		
199	Thinner Superior Quality (10 - Litre) (Conforming To Existing At Site)	Cane	4		

S.NO	ITEM NAME AND DESCRIPTION	UOM	TENTATIVE QTY	UNIT PRICE	TOTAL AMOUNT
200	Epoxy Grey Paint (3.75 Litre) (Make: ICI) (Conforming To Existing At Site)	Gallon	15		
201	Yellow Paint (3.75 Litre) (Make: ICI) (Conforming To Existing At Site)	Gallon	1		
202	Blue Oxford Paint (3.75 Litre) (Make: ICI) (Conforming To Existing At Site)	Gallon	10		
203	Gray Dark Paint (3.75 Litre) (Make: ICI) (Conforming To Existing At Site)	Gallon	12		
204	Gray Smoke Paint (3.75 Litre) (Make: ICI) (Conforming To Existing At Site)	Gallon	10		
205	Blue Comet Paint (3.75 Litre) (Make: ICI) (Conforming To Existing At Site)	Gallon	10		
206	Black Paint (3.75 Litre) (Make: ICI) (Conforming To Existing At Site)	Gallon	2		
207	Sea Green Paint (3.75 Litre) (Make: ICI) (Conforming To Existing At Site)	Gallon	16		
208	White Paint (3.75 Litre) (Make: ICI) (Conforming To Existing At Site)	Gallon	6		
209	Red Oxide Paint (3.75 Litre) (Make: ICI) (Conforming To Existing At Site)	Gallon	24		
210	Anti Fungus Paint With Mixing Oil (11 Litre) (Make: Comex) (Conforming To Existing At Site)	Cane	12		
211	Garden Pipe 1" High Pressure (Conforming To Existing At Site)	Feet's	200		
212	Duct Tape (Make: Abro Premium Foil) 2" (Conforming To Existing At Site)	Feet's	150		
213	Insulation Tape 2" (Black) (Conforming To Existing At Site)	No's	150		

S.NO	ITEM NAME AND DESCRIPTION	UOM	TENTATIVE QTY	UNIT PRICE	TOTAL AMOUNT
214	Pvc Tape Red (3/4") (Make: Nito) (Conforming To Existing At Site)	No's	24		
215	Pvc Tape Yellow (3/4") (Make: Nito) (Conforming To Existing At Site)	No's	24		
216	PVC Tape Black (3/4") (Make: Nito) (Conforming To Existing At Site)	No's	24		
217	Flux (227 Grams) (Conforming To Existing At Site)	Tin	2		
218	Silicon Tube Clear RTV (300ml) (Conforming To Existing At Site)	No's	500		
219	Cementex Solution NT-80 (1 Kg) (Conforming To Existing At Site)	kg	5		
220	Pop Rivet (1.5mm) (Conforming To Existing At Site)	Box	4		
221	Pop Rivet (2mm) (Conforming To Existing At Site)	U	4		
222	Pop Rivet (3mm) (Conforming To Existing At Site)	Box	4		
223	Pop Rivet (4mm) (Conforming To Existing At Site)	Box	4		
224	White Spray Paint (400 - CC) (Conforming To Existing At Site)	Cane	24		
225	Black Spray Paint (400 - CC) (Conforming To Existing At Site)	Cane	20		
226	Epoxy Solution Fins Pasting (2) (Conforming To Existing At Site)	kg	10		
227	Glycerin Solution (1) (Conforming To Existing At Site)	kg	1		
228	Foam Spray (400 - CC) (Conforming To Existing At Site)	Cane	50		
229	Chilled Water Pipe Insulation Cloth (100) (Conforming To Existing At Site)	Meter	1		
230	Craft Paper Chilled Water Pipe Insulation (Conforming To Existing At Site)	Roll	15		
231	Glue For Pasting Chilled Water Pipe Insulation Cloth (50) (Conforming To Existing At Site)	kg	8		

S.NO	ITEM NAME AND DESCRIPTION	UOM	TENTATIVE QTY	UNIT PRICE	TOTAL AMOUNT
232	U-PVC Pipe Solution (0.24 Liter) (Make: EZ-Weld US) (Conforming To Existing At Site)	Cane	6		
233	High-Temp Red Silicone Sealant (20 Grams) (Make: Magic) (Conforming To Existing At Site)	Tube	10		
234	Steel Nail (1") (Conforming To Existing At Site)	Box	4		
235	Steel Nail (1-1/2") (Conforming To Existing At Site)	Box	4		
236	Temperature Gauges 6" Length 1/2" (0 to 60 Celsius) (Make: WEISS Instruments) (Conforming To Existing At Site)	No's	45		
237	Temperature Gauges 4" Length 1/2" (0 to 60 Celsius) (Make: WEISS Instruments) (Conforming To Existing At Site)	No's	45		
238	Pressure Gauges Liquid Fill 4" Dia 1/2" (0 to 160 Psi) (Make: WEISS Instruments) (Conforming To Existing At Site)	No's	24		
239	Pressure Gauges Liquid Fill 2" Dia 1/2" (0 to 60 Psi) (Make: WEISS Instruments) (Conforming To Existing At Site)	No's	90		
240	Gauge Cocks (BTC-14 1/2") (Make: WEISS Instruments) (Conforming To Existing At Site)	No's	50		
241	Pressure Measure Nozzle Balancing Valve (Conforming To Existing At Site)	Set's	100		
242	High Pressure Switch Changzhou Match Well 250v 3.0/2.4mpa (For Standing Ac) (Conforming To Existing At Site)	No's	6		
243	Low Pressure Switch Changzhou Match Well 250v 0.05/0.15mpa (For Standing Ac) (Conforming To Existing At Site)	No's	6		
244	WIRE,LOW SENSOR WIRE MDS150-240 (M13014465002) (MAKE: MCQUAY) (Conforming To Existing At Site)	No's	12		

S.NO	ITEM NAME AND DESCRIPTION	UOM	TENTATIVE QTY	UNIT PRICE	TOTAL AMOUNT
245	WIRE,HI SENSOR WIRE MDS080-240 (M13014465004) (MAKE: MCQUAY) (Conforming To Existing At Site)	No's	12		
246	Service Shut Off Valve (5/8") (Make: Alco Controls/ Denfoss/Castel) (Conforming To Existing At Site)	No's	12		
247	Solenoid Valve Coil With Assembly Threaded (220/10-15watt 3/8") (Conforming To Existing At Site)	No's	15		
248	Universal Circuit Card For Controlling (Conforming To Existing At Site)	No's	15		
249	Phase Monitor (Conforming To Existing At Site)	No's	12		
250	Drain Line Pump For Cassette Type Unit (Conforming To Existing At Site)	No's	7		
251	Variable Frequency Drive (45 Kw) (Make: Schneider ATV-212) (As per existing at SMBBIT)	No's	2		
252	Duct Type Temperature Sensor With Polycarp Enclosure Air Temperature (TE-702-A-X) (Make: Mamac) (Conforming To Existing At Site)	No's	3		
253	Immersion Temperature Sensor With Polycarp Enclosure (TE-703-B-X) (Make: Mamac) (Conforming To Existing At Site)	No's	6		
254	Sensor With Set point, Override & Controller Mode Function With Remote (MN-S4) (Make: Schneider) (Conforming To Existing At Site)	No's	1		
255	Sensor With Set point, Override & Controller Mode Function With Remote (MNS4-HT) (Make: Schneider) (Conforming To Existing At Site)	No's	2		
256	BACnet DDC Controller (MNB-300) (Make: Schneider) (Conforming To Existing At Site)	No's	1		

S.NO	ITEM NAME AND DESCRIPTION	UOM	TENTATIVE QTY	UNIT PRICE	TOTAL AMOUNT
257	BACnet DDC Controller (MNB-70) (Make: Schneider) (Conforming To Existing At Site)	No's	4		
258	Chilled Water Actuator (VS-2213-841-9-85) (Make: Schneider) (Conforming To Existing At Site)	No's	2		
259	Variable Frequency Drive (6 Kw) (Make: Vacon Flow/Schneider) (Conforming To Existing At Site)	No's	3		
260	FA AHU Selector Switch Manual Motor Controller 165628/340B Listed 50-60 Hz 600Vac (25 Amp) (Conforming To Existing At Site)	No's	12		
261	FA AHU Ducted Type Electric Heaters GI Sheet Plenum 18 Gauge 3691cfm, 15kw (30X14) (2500 Watt) (Conforming To Existing At Site)	No's	12		
262	Damper Actuator (Conforming To Existing At Site)	No's	2		
263	Octyl Alcohol (Conforming To Existing At Site)	Liter	30		
264	Inhibitor (Conforming To Existing At Site)	Liter	30		
265	Lithium Molybdate (Conforming To Existing At Site)	Liter	30		
266	Lithium Bromide Solution (Conforming To Existing At Site)	Liter	30		
267	De-Scalar Chemical (Conforming To Existing At Site)	Liter	100		
268	Ahu Coil Cleaning Chemical (Conforming To Existing At Site)	Liter	200		
269	Shaungliang Chiller LCD Repairing (Conforming To Existing At Site)	No's	3		
270	Analog Terminal (DA04) (Make: OMRON) (Conforming To Existing At Site)	No's	2		
271	Flame Sensor (AM06060108) (Conforming To Existing At Site)	No's	4		
272	Platinum Resistor (AM08050153) (Conforming To Existing At Site)	No's	2		
273	Platinum Resistor (AM08050154) (Conforming To Existing At Site)	No's	2		

S.NO	ITEM NAME AND DESCRIPTION	UOM	TENTATIVE QTY	UNIT PRICE	TOTAL AMOUNT
274	Corrugation Pipe O Ring (AM21990314) (Conforming To Existing At Site)	No's	2		
275	Platinum Resistor (AM08050155) (Conforming To Existing At Site)	No's	2		
276	Expansion Card (AM08030005) (Conforming To Existing At Site)	No's	1		
277	Leakage Detector (AM06060026) (Conforming To Existing At Site)	No's	1		
278	Air Pressure Switch (AM06060109) (Conforming To Existing At Site)	No's	2		
279	High Vacuum Valve DN-25 Complete	No's	1		
280	35 Auto Purging Unit Solenoid Valve (AM07140023) (Conforming To Existing At Site)	No's	1		
281	Pressure Sensor/ Transducer	No's	4		
282	Inverter ATV32055N4B AM08090148 (ATV32055N4B 5.5kw) (Conforming To Existing At Site)	No's	1		
283	Inverter (ATV312 5.5kw) (Conforming To Existing At Site)	No's	1		
284	Servomotor (AM20050165) (Conforming To Existing At Site)	No's	1		
285	ULVAC Vacuum Pump (AM20050165) (Conforming To Existing At Site)	No's	1		
286	S Burner Programmer (Model LFL 1.333) (50 - 60Hz 3.5VA (Siemens)) (Conforming To Existing At Site)	No's	1		
287	Analog Terminal (DRT2-DA02) (Make: OMRON) (Conforming To Existing At Site)	No's	2		
288	Analog Terminal (DRT2-AD04) (Make: OMRON) (Conforming To Existing At Site)	No's	2		
289	Temperature Input Terminal (DRT2- TS04P) (Make: OMRON) (Conforming To Existing At Site)	No's	3		
290	Space Unit OMRON (C200H-SP001) (Conforming To Existing At Site)	No's	1		

S.NO	ITEM NAME AND DESCRIPTION	UOM	TENTATIVE QTY	UNIT PRICE	TOTAL AMOUNT
291	Power Supply Unit OMRON (C200HW-PA204S) (Conforming To Existing At Site)	No's	2		
292	INPUT Unit OMRON (C200H-ID212 24v DC 7mA) (Conforming To Existing At Site)	No's	1		
293	OUTPUT Unit OMRON (Conforming To Existing At Site)	No's	1		
294	Compo Bus/D Master Unit OMRON (C200H-0C225 250Vac/24vDC/2A) (Conforming To Existing At Site)	No's	1		
295	CPU Unit OMRON (C200HE-CPU42-E) (Conforming To Existing At Site)	No's	1		
296	Power Supply Schneider (24vDC 3A 72w) (Conforming To Existing At Site)	No's	2		
297	Float Less Level Switch OMRON (61F-GP-N 220vAC 3.5vA) (Conforming To Existing At Site)	No's	5		
298	Relay OMRON (MY2N-CR-J 220/240vAC) (Conforming To Existing At Site)	No's	5		
299	Expansion Port Red Lion (Model: DSP M43234)	No's	1		
300	Programmable Controller OMRON (C200HE-CPU42) (Conforming To Existing At Site)	No's	1		
301	Filling Fins A & B Set (A Side L-77.5" x W-20" / B Side L-77.5" x W-20")	Set's	450		
302	Filling Fins A & B Set (A Side L-65.5" x W-20" / B Side L-65.5" x W-20")	Set's	350		
303	Filling Fins A & B Set (A Side L-19" x W-20" / B Side L-19" x W-20")	Set's	300		
304	Fan Blade (Conforming To Existing At Site)	No's	12		
305	Fan Hub (Conforming To Existing At Site)	No's	1		
306	Upper Basin Showering Tub (Conforming To Existing At Site)	No's	6		

S.NO	ITEM NAME AND DESCRIPTION	UOM	TENTATIVE QTY	UNIT PRICE	TOTAL AMOUNT
307	Lower Basin (Conforming To Existing At Site)	No's	1		
308	Belt Cover (Conforming To Existing At Site)	No's	3		
309	Fan Support (Conforming To Existing At Site)	No's	1		
310	Fan Stack (Conforming To Existing At Site)	No's	1		
311	Inspection Door (Conforming To Existing At Site)	No's	1		
312	Louvers With Frame (Conforming To Existing At Site)	No's	3		
313	MS Angle (2" x 2" x 5mm) (Conforming To Existing At Site)	Feet's	500		
314	MS U Channel (2" x 4" x 5mm) (Conforming To Existing At Site)	Feet's	110		
315	MS Iron Rod (12mm) (Conforming To Existing At Site)	Feet's	550		
316	SS Rod (8mm) (Conforming To Existing At Site)	Feet's	650		
317	MS Pipe (1") (Conforming To Existing At Site)	Feet's	40		
318	MS Pipe (3") (Conforming To Existing At Site)	Feet's	50		
319	MS Strip (1-1/2" x 5mm) (Conforming To Existing At Site)	Feet's	100		
320	Bolt SS (10mm) (Conforming To Existing At Site)	Kg	2		
321	Nut SS (10mm) (Conforming To Existing At Site)	Kg	2		
322	Bolt SS (8mm) (Conforming To Existing At Site)	Kg	2		
323	Nut SS (8mm) (Conforming To Existing At Site)	Kg	2		
324	GI Cable Tray With Cover (15" x 2" 2mm) (Conforming To Existing At Site)	Feet's	100		
325	GI Cable Tray With Cover (12" x 2" 2mm) (Conforming To Existing At Site)	Feet's	100		
326	GI Cable Tray With Cover (10" x 2" 2mm) (Conforming To Existing At Site)	Feet's	100		

S.NO	ITEM NAME AND DESCRIPTION	UOM	TENTATIVE QTY	UNIT PRICE	TOTAL AMOUNT
327	GI Cable Tray With Cover (8" x 2" 2mm) (Conforming To Existing At Site)	Feet's	100		
328	Mechanical Seal Condenser Water Pump (G-13 48mm) (Make: KSB) (Conforming To Existing At Site)	No's	7		
329	Pump Rubber Coupling Condenser Pump (DPC-160) (Make: KSB) (Conforming To Existing At Site)	No's	100		
330	Pump Rubber Coupling Primary Pump (DPC-160) (Make: KSB) (Conforming To Existing At Site)	No's	50		
331	Coupling (Make: KSB) (Conforming To Existing At Site)	No's	4		
332	HEPA Filter H-14 LAM-14 (size: 90x914x610mm) For FA-AHU's (Conforming To Existing At Site)	No's	50		
333	HEPA Filter H-14 LAM-14 (size: 90x914x914mm) For FA-AHU's (Conforming To Existing At Site)	No's	50		
334	G-4 Aluminum Cleanable Filter (size: 592x592x048mm) For AHU's (Conforming To Existing At Site)	No's	36		
335	G-4 Aluminum Cleanable Filter (size: 592x287x048mm) For AHU's (Conforming To Existing At Site)	No's	36		
336	P3 Duct Sheet Aluminum Foil Coated Length 4000mm Width: 1200mm Thick: 20.5mm (Make: P3-Preinsulated Panels System) (Conforming To Existing At Site)	No's	6		
337	Flexible Duct Connector (6" / 100feet's) (Make: Dura Dyne)	No's	3		
338	Flexible Duct Connector (10" / 100feet's) (Make: Dura Dyne)	No's	3		
339	Canvas Cloth Connection (4' W) (Conforming To Existing At Site)	Feet's	180		

S.NO	ITEM NAME AND DESCRIPTION	UOM	TENTATIVE QTY	UNIT PRICE	TOTAL AMOUNT
340	Supply Air Diffuser With Damper Aluminum fabricated, Powder coated (24" x 24") (Conforming To Existing At Site)	No's	24		
341	Supply Air Diffuser With Damper Aluminum fabricated, Powder coated (12" x 12") (Conforming To Existing At Site)	No's	24		
342	Return Air Grill With Damper Aluminum fabricated, Powder coated (24" x 24") (Conforming To Existing At Site)	No's	24		
343	Return Air Grill With Damper Aluminum fabricated, Powder coated (12" x 24") (Conforming To Existing At Site)	No's	24		
344	Insulation Chilled Water Pipe Aluminum Foil Coated (3/4" X 2') (Conforming To Existing At Site)	No's	200		
345	Insulation Chilled Water Pipe Aluminum Foil Coated (1" X 2') (Conforming To Existing At Site)	No's	250		
346	Insulation Chilled Water Pipe Aluminum Foil Coated (1-1/2" X 2') (Conforming To Existing At Site)	No's	250		
347	Insulation Chilled Water Pipe Aluminum Foil Coated (2" X 2') (Conforming To Existing At Site)	No's	250		
348	Insulation Chilled Water Pipe Aluminum Foil Coated (2-1/2 X 2') (Conforming To Existing At Site)	No's	250		
349	Insulation Chilled Water Pipe Aluminum Foil Coated (3" X 2') (Conforming To Existing At Site)	No's	250		
350	Insulation Chilled Water Pipe Aluminum Foil Coated (4" X 2') (Conforming To Existing At Site)	No's	250		
351	Media Filter Sheet Use For FA-AHU's 1" Thickness 4 Ft Width 20 Meter Length (20-Meter) (Conforming To Existing At Site)	No's	24		
352	Media Filter Sheet Use For FA-AHU's 2" Thickness 4 Ft Width 20 Meter Length (20-Meter) (Conforming To Existing At Site)	No's	5		

S.NO	ITEM NAME AND DESCRIPTION	UOM	TENTATIVE QTY	UNIT PRICE	TOTAL AMOUNT
353	Copper Welding Rod	Kg	10		
354	Flux Brass Welding Rod	Jar	5		
355	Electric Welding Rod Iron	Box	5		
356	Electric Welding Rod For S.S	Box	5		
357	Grease	Cane	2		
358	Glycerin	Kg	5		
359	Grinding Disk 5"	No's	100		
360	Cutting Disk 5"	No's	100		
361	Concrete Cutting Disk 5"	No's	25		
362	Brass Welding Rod	Kg	1		
363	Safety helmet (BMS Tools)	No's	5		
364	Safety Shoes	Pair	10		
365	Air Blower 600 watt	No's	1		
366	Heat Gun	No's	1		
367	Pliers	No's	3		
368	Cutter Pliers	No's	3		
369	Nose Pliers	No's	3		
370	Screw Driver	Set	3		
371	Electrical Tester (For Control)	No's	12		
372	Soldering Iron with Soldering Wire	Set	1		
373	Soldering Sucker	No's	1		
374	Star Key	Set	1		
375	Ellen Key (mm)	Set	1		
376	Knife Cutter with Blade	No's	3		
377	Measuring Tape	No's	1		
378	Screw Driver Star Set	Set	2		
379	Multi Meter	No's	3		
380	Ampere Meter	No's	1		
381	Network Cable Tester (RJ 45, RJ 11, BNC)	No's	1		
382	Crimping Tool (RJ 10, RJ 11, RJ 12, RJ 45)	No's	1		
383	Drill Machine with Hilt 2 in 1	No's	1		
384	Bits set for Drill Machine	Set	1		

S.NO	ITEM NAME AND DESCRIPTION	UOM	TENTATIVE QTY	UNIT PRICE	TOTAL AMOUNT
385	Hammer Pin Ball	No's	2		
386	Hawk Saw	No's	3		
387	Tool Bag	No's	3		
388	lock pliers Inner (HVAC Tools)	No's	1		
389	lock pliers Outer	No's	1		
390	Karcher Machine 120-150 Bar	No's	2		
391	Karcher Machine 120 Bar Portable	No's	1		
392	Air blower 1300 Watt	No's	2		
393	Pipe wrench 8"	No's	4		
394	Pipe wrench 10"	No's	4		
395	Pipe wrench 12"	No's	4		
396	Pipe wrench 14"	No's	4		
397	Adjustable wrench 6"	No's	4		
398	Adjustable wrench 8"	No's	4		
399	Adjustable wrench 10"	No's	4		
400	Adjustable wrench 12"	No's	4		
401	Star Elian key set (mm)	Set	1		
402	Elian key set (mm)	Set	1		
403	Elian key 4,5,6 (mm)	No's	1		
404	Elian key set INCHES	Set	1		
405	Spanner set FIX	Set	1		
406	Spanner set RING	Set	1		
407	Screw driver professional kit	Set	1		
408	mechanical Screw driver	Set	1		
409	Screw driver thumb - + convertible	Set	3		
410	Hammer flat	No's	3		
411	Hammer PIN BALL	No's	3		
412	Hammer large	No's	3		
413	Hack saw frame	No's	3		
414	Hack saw blade	No's	24		
415	Grip pliers	No's	3		
416	Measuring tape	No's	3		
417	brazing set portable complete set	Set	2		
418	brazing set with fire arrester	Set	1		

S.NO	ITEM NAME AND DESCRIPTION	UOM	TENTATIVE QTY	UNIT PRICE	TOTAL AMOUNT
419	nitrogen Cylinder with regulator	Set	1		
420	Flaring tool professional kit	Set	1		
421	Pipe cutter	No's	1		
422	bids set drill machine complete	Set	1		
423	Hilt machine with drill bit & chisel	Set	2		
424	drill machine	No's	1		
425	Flat file	No's	6		
426	Round file	No's	3		
427	Triangle file	No's	3		
428	hole punch	No's	1		
429	punching tools	No's	1		
430	seizer Rubber Gas kit	No's	1		
431	round cutter	No's	1		
432	GI sheet cutter	No's	1		
433	vacuum pump	No's	1		
434	TDS meter	No's	1		
435	PH meter	No's	1		
436	bearing puller	Set	1		
437	bearing seater kit	Set	1		
438	Digital temperature meter	No's	4		
439	Laser Temperature tester	No's	1		
440	Nylon brush	No's	12		
441	Wire brush	No's	24		
442	Scrapper	No's	12		
443	Chisel with safety guard	No's	6		
444	Chisel round safety guard	No's	6		
445	copper pipe bender mechanical Multi Range 1/2" to 3/4"	No's	1		
446	5% brazing Rod	Kg	1		
447	Soldering machine	No's	1		
448	Vernier clipper	No's	1		
449	refrigerant Recovery pump	No's	1		
450	RPM meter	No's	1		
451	CFM tester	No's	1		

S.NO	ITEM NAME AND DESCRIPTION	UOM	TENTATIVE QTY	UNIT PRICE	TOTAL AMOUNT
452	Sound DB meter	No's	1		
453	Lugs Punch hydraulic (10mm to 300mm)	Set	1		
454	mager meter 2000 volt digital	No's	1		
455	oil can for oil filling	No's	1		
456	Grease	Kg	10		
457	grease gun	No's	1		
458	torch light head light	No's	1		
459	scarf folding removable	Rft	20		
460	regulator for oxygen cylinder	No's	3		
461	regulator for nitrogen cylinder	No's	1		
462	cable cutter	No's	1		
463	Richet Kit	Set	1		
464	socket set	Set	1		
465	hand chain hoists/Chain block	No's	1		
466	volt tester 100-500 volt	No's	24		
467	extension board	No's	3		
468	bench vice	No's	1		
469	trunk for tools	No's	1		
470	hinges lock	No's	1		
471	scissors	No's	1		
472	Screw driver Flat and Philips (Industrial Electrician Tools)	Set	2		
473	Measuring tape 16 ft.	No's	1		
474	knife blade	No's	1		
475	Soldering iron	No's	1		
476	Soldering wire	No's	1		
477	Soldering sucker	No's	1		
478	Soldering iron stand	No's	1		
479	PCB Soldering station	No's	1		
480	heat gun for soldering removing	No's	1		
481	Star Elian key set (mm)	No's	1		
482	Elian key set (mm)	No's	1		
483	Hammer Flat	No's	1		
484	magnifier glass	No's	1		

S.NO	ITEM NAME AND DESCRIPTION	UOM	TENTATIVE QTY	UNIT PRICE	TOTAL AMOUNT
485	Multi Meter	No's	1		
486	tool bag	No's	1		
487	Screw driver Flat and Philips (General Fitter Tools)	Set	2		
488	pliers	No's	1		
489	Grip pliers	No's	1		
490	Measuring tape 16 FT	No's	1		
491	knife blade	No's	1		
492	Wooden saw	No's	1		
493	Hack saw frame	No's	1		
494	Hack saw blade	No's	1		
495	Hammer Small	No's	1		
496	Hammer Large	No's	1		
497	Adjustable wrench 8"	No's	1		
498	Adjustable wrench 10"	No's	1		
499	silicon gun	No's	1		
500	pop rivet gun	No's	1		
501	welding holder	No's	1		
502	GI sheet hand cutting scissors	No's	1		
503	Hammer wooden Small	No's	1		
504	Hammer wooden Large	No's	1		
505	glawes leader	No's	1		
506	welding glass	No's	1		
507	Drill bid 3mm	No's	24		
508	Drill bid 4mm	No's	24		
509	tool bag Small	No's	1		
510	tool bag Large	No's	1		
511	Concrete Cutting Disk	No's	2		
512	Screw driver Flat and Philips 8" (Split AC Technician Tools)	Set	6		
513	Screw driver thumb - + convertible 3"	No's	12		
514	pliers	No's	6		
515	Nose pliers	No's	6		
516	cutter pliers	No's	6		
517	Measuring tape 16ft	No's	6		

S.NO	ITEM NAME AND DESCRIPTION	UOM	TENTATIVE QTY	UNIT PRICE	TOTAL AMOUNT
518	Grip pliers	No's	3		
519	knife blade	No's	6		
520	Elian key set	No's	6		
521	Ampere meter AC DC	No's	6		
522	Flaring tool professional kit	Set	6		
523	Pipe cutter	No's	6		
524	Gauge Manifold complete set R-22,R410a	Set	6		
525	leads 1/4	No's	24		
526	leads 5/16	No's	8		
527	tool bag	No's	6		
528	Screw driver Flat and Philips (Duct Man Tools)	No's	1		
529	pliers	No's	1		
530	Nose pliers	No's	1		
531	cutter pliers	No's	1		
532	Measuring tape	No's	1		
533	Adjustable wrench 8"	No's	1		
534	knife blade complete	No's	1		
535	Hack saw frame	No's	1		
536	Hack saw blade	No's	1		
537	Hammer ball	No's	1		
538	Hammer pin	No's	1		
539	45 cutter set for P3 sheet	Set	1		
540	silicon gun	No's	2		
541	tool bag	No's	1		
ELECTRICAL & GENERATOR ITEMS					
Lighting Equipment Section					
1	LED Smart Panel (2'*2', 40W, 50 HZ, SMD LED, IP 40, 0.9 PF, Beam Angle 120°, 6500K, 4000 Lumens, OSAKA or equivalent)	Nos.	50		

S.NO	ITEM NAME AND DESCRIPTION	UOM	TENTATIVE QTY	UNIT PRICE	TOTAL AMOUNT
2	Frame for LED Smart Panel (for damp false ceiling to install 2'*2', 40W, 50 HZ, SMD LED, IP 40, 0.9 PF, Beam Angle 120°, 6500K, 4000 Lumens LED Smart Panel light)	Nos.	30		
3	LED Smart Panel (1'*4', 40W, 50 HZ, SMD LED, IP 40, 0.9 PF, Beam Angle 120°, 6500K, 4000 Lumens, OSAKA or equivalent)	Nos.	350		
4	LED Bulb (12.5W, 50 HZ, SMD LED, E27 base, 0.9 PF, Beam Angle 130°, 1200 Lumens, 6000K, OSAKA or equivalent)	Nos.	500		
5	Jumbo Ceiling Bulb Holder (Threaded type, E27 base)	Nos.	250		
6	LED Flat Panel Light (Round shape, 18W, 50 Hz, SMD LED, IP 40, 0.9 PF, Beam Angle 110°, 6000K, 1620 Lumens, OSAKA or equivalent)	Nos.	1200		
7	LED Surface Panel Light Round shape, 18W, 50 Hz, SMD LED, IP 40, 0.9 PF, Beam Angle 110°, 6000K, 1480 Lumens, OSAKA or equivalent	Nos.	200		
8	LED Dust Proof Light (40W, 50 HZ, SMD LED, IP 50, 0.9 PF, 4000 Lumens, Beam Angle 100°, 6500K, OSAKA or equivalent)	Nos.	100		
9	LED Dust Proof Light (20W, 50 HZ, SMD LED, IP 50, 0.9 PF, 2000 Lumens, Beam Angle 100°, 6500K, OSAKA or equivalent)	Nos.	100		
10	High Bay LED (100W, 50 Hz, COB LED, IP 65, Die- Casting Aluminum material, OSAKA or equivalent, 5300K)	Nos.	5		
11	Tempo Light 400 (Tempo light 400W Philips or equivalent)	Nos.	5		

S.NO	ITEM NAME AND DESCRIPTION	UOM	TENTATIVE QTY	UNIT PRICE	TOTAL AMOUNT
12	Stadium Arena flood light 2000W-MVF403 Arena Vision (2000W halogen bulb, stadium arena light Integrated system of optics, gear and transverse MHN-SA 1800W,MHN-SA 2000W lamp in a single housing, ensuring high efficiency and low glare.)	Nos.	3		
13	T8 LED Tube with Batten (18W, 50 Hz, SMD LED, IP 50, OSAKA or equivalent, 6000K)	Nos.	150		
14	LED SMD Flood Light (250W, 50 Hz, SMD LED, IP 65, Aluminum material, OSAKA or equivalent, 5700K)	Nos.	5		
INSECT KILLER EQUIPMENT SECTION					
15	Ultra Violet Tube Light (2' length, for use in insect killers, Philips or equivalent)	Nos.	200		
16	S2 Starter (4-65W, 220V, for use in insect killers with above UV light, Philips or equivalent)	Nos.	200		
17	Transformer for insect killer (I/O 220VAC and O/P 24V or equivalent)	Nos.	200		
18	36W/40W choke (Electronic Type, works without the need of starter)	Nos.	200		
Electrical Miscellaneous Equipment's					
18	3-pin plug/shoe (10A rating, Clipsa/Jeko/Aqua or equivalent)	Nos.	250		
19	Multi Usage Clamp Amp/Volt Meter (AC Voltage : 4V-600V DC Voltage: 400mV-40V AC Current: 4A-400A)	Nos.	1		
20	Rawl Bolt (M6, 6*55mm)	Nos.	50		
21	Rawl Bolt (M8, 8*65mm)	Nos.	50		
22	Rawl Bolt M10, 10*75mm	Nos.	100		

S.NO	ITEM NAME AND DESCRIPTION	UOM	TENTATIVE QTY	UNIT PRICE	TOTAL AMOUNT
23	Rawl Bolt (M12, 12*105mm)	Nos.	100		
24	2-pin plug/shoe 10A rating, Clipsa / Jeko / Aqua or equivalent	Nos.	250		
25	Electrical Blank Sheet (Square shaped)	Nos.	250		
26	Cable Ties 100mm	packet	25		
27	Cable Ties 200mm	packet	25		
28	Cable Ties 300mm	packet	25		
29	3-pin Power Sheet Socket (15A rating, Clipsal)	box	50		
30	2-pin Light sheet socket (10A rating, Clipsal)	Box	50		
31	Silver Tape (Silver Color)	Roll	50		
32	PVC Tape (Local-Electrical Tape)	Roll	50		
33	PVC Pipe (1" PVC local pipe)	ft	150		
34	PVC Pipe (1.5" PVC Local pipe)	ft	150		
35	PVC Pipe (2" PVC Local pipe)	ft	150		
36	PVC Channel Duck	ft	250		
37	PVC Saddle 1" (PVC local)	dozen	6		
38	PVC Saddle 2" (PVC local)	dozen	6		
39	PVC Pipe Flex (1" PVC local pipe)	ft	150		
40	PVC Pipe Flex (1.5" PVC Local pipe)	ft	150		
41	PVC Pipe Flex (2" PVC Local pipe)	ft	150		
42	Wooden plank/Gitti (Local)	packet	250		
43	Cut Screw 1"	Box	15		
44	Cut Screw 1.5"	Box	15		
45	Cut Screw 2"	Box	15		
46	Cut Screw 3"	Box	15		

S.NO	ITEM NAME AND DESCRIPTION	UOM	TENTATIVE QTY	UNIT PRICE	TOTAL AMOUNT
47	Wooden Screw 1"	Box	15		
48	Wooden Screw 1.5"	Box	15		
49	Wooden Screw 2"	Box	15		
50	Wooden Screw 3"	Box	15		
51	Steel Nails 1"	Box	15		
52	Steel Nails 2"	Box	15		
53	Steel Nails 3"	Box	15		
54	Halogen bulb for Tempo Light 400W (Halogen bulb 400W)	Nos.	24		
55	Capacitor for Tempo light 35uF (Philips) (Capacitor 35uF/25uF-50/60Hz (Philips))	Nos.	24		
56	Holder for tempo light 400W (Ceramic Holder for 400W)	Nos.	24		
57	WD-40 Spray (14.4 Oz, for rust removal)	Bottle	25		
58	Spray Paint (Color (Db color light grey)	Nos.	25		
59	PVC Connector 10A (Local)	box	20		
SWITCH AND GEAR AUTOMATION ITEMS					
59	Fuses with base (RO15-2 Amp 10x38, Siemens or equivalent make)	Nos	15		
60	Fuses with base (10 Amp Siemens or equivalent make)	Nos	15		
61	Phase Sequence Relay with allied accessories, if any (415V, V3-12-B, EMIREL or equivalent)	Nos.	5		
62	Voltage Relay (415V, EVR-415V / EVR-PD, SUMWAHA)	Nos.	5		
63	Timer with base (220VAC , PM4H-S-H, PANASONIC or equivalent)	Nos.	5		
64	Phase Indication Lights (Yellow color)	Box	30		
65	Phase Indication Lights (blue color)	Box	30		
66	Phase Indication Lights (Red color)	Box	30		

S.NO	ITEM NAME AND DESCRIPTION	UOM	TENTATIVE QTY	UNIT PRICE	TOTAL AMOUNT
67	Power Relay with base (220 VAC, 14-Pin, 55.34, FINDER or equivalent)	Nos.	5		
68	Digital Amp meter 3-phase (415V-220V 3-phase Tense/equivalent)	Nos	3		
69	Digital PF meter 3-phase (415V-220V 3-phase Tense/equivalent)	Nos	2		
70	Digital Volt meter 3-phase (415V-220V 3-phase Tense/equivalent)	Nos	3		
71	TP-Contactor (AC-3) with allied accessories (85A, TC-85a, TERASAKI/ABB/SCHNEIDER)	Nos.	10		
72	Change over switch (Selector switch 3 way (Camcos or equivalent))	Nos.	5		
73	Push button (press button type)	Nos.	15		
CABLE SECTION					
74	1C-10mm ² cable (Pakistan or Equivalent)	Coil of 90 Mtrs.	1		
75	1C-1.5mm ² cable (Pakistan or Equivalent)	Coil of 90 Mtrs.	15		
76	1C-2.5mm ² cable (Pakistan or Equivalent)	Coil of 90 Mtrs.	15		
77	1C-4mm ² cable (Pakistan or Equivalent)	Coil of 90 Mtrs.	8		
78	1C-6mm ² cable (Pakistan or Equivalent)	Coil of 90 Mtrs.	8		
79	2C-1.5mm ² cable (Pakistan or Equivalent)	Coil of 90 Mtrs.	5		
80	2C-2.5mm ² cable (Pakistan or Equivalent)	Coil of 90 Mtrs.	5		
81	3C-2.5mm ² cable (Pakistan or Equivalent)	Coil of 90 Mtrs.	3		
83	4C-4mm ² cable (Pakistan or Equivalent)	Coil of 90 Mtrs.	1		
84	3/.029 Cable (Pakistan or Equivalent)	Coil of 90 Mtr.	5		
85	7/.029 Cable (Pakistan or Equivalent)	Coil of 90 Mtr.	5		
86	4C-6mm ² cable (Pakistan or Equivalent)	Coil of 90 Mtrs.	1		

S.NO	ITEM NAME AND DESCRIPTION	UOM	TENTATIVE QTY	UNIT PRICE	TOTAL AMOUNT
POWER GENERATION SECTION					
87	Volt Meter (for Cummins DG set of 1250 kW, Engine # KT-38 33124197-778N)	Nos.	2		
88	Oil Meter + Sender (for Cummins DG set of 1250 kW, Engine # KT-38 33124197-778N)	Nos.	2		
89	Oil Pressure Meter (Murphy make, for Cummins DG set of 1250 kW, Engine # KT-38 33124197-778N)	Nos.	2		
90	Water Temperature Meter along with sensor (Murphy make, for Cummins DG set of 1250 kW, Engine # KT-38 33124197-778N)	Nos.	2		
91	Oil Pressure gauge along with sensor (Murphy make, for Cummins DG set of 1250 kW, Engine # KT-38 33124197-778N)	Nos.	2		
92	Self-Starter Relay (for Cummins DG set of 1250 kW, Engine # KT-38 33124197-778N)	Nos.	2		
93	Gravity Meter (to measure gravity of batteries)	Nos.	2		
94	Battery Leads (battery leads with C clamps)	Nos.	6		
95	DC Digital Volt Meter (Digital Volt meter DC)	Nos.	5		
96	Amp Meter (for Cummins DG set of 1250 kW, Engine # KT-38 33124197-778N)	Nos.	2		
97	Frequency Meter (for Cummins DG set of 1250 kW, Engine # KT-38 33124197-778N)	Nos.	2		
98	Generator Batteries (AGS Battery 260 Ah)	Nos.	4		
99	24V-20A Automatic Battery Charger (Fully Automatic Switch Mode Design, with Battery Reverse-Polarity, Battery over-charging, Over Current & Thermal Protection, LED lights indicator showing charging and battery status, Can charge different lead-acid batteries up to 260Ah)	Nos.	3		

S.NO	ITEM NAME AND DESCRIPTION	UOM	TENTATIVE QTY	UNIT PRICE	TOTAL AMOUNT
100	Volt Meter (Analog)	Nos.	2		
101	Ammeter (Analog)	Nos.	2		
	General Maintenance Items				
	PAINT, POLISH & OTHER ITEMS				
1	Paint Emulsion Kansai (24 Kg each Drum) (Same existing)	Nos.	60		
2	Anti-Fungal Paint Kansai (18 Ltr. each Drum) (Same existing)	Nos.	50		
3	Distemper Kansai (24 Kg each Bucket) (Same existing)	Nos.	25		
4	Anti-Bacterial Paint for O.T (24 Kg each Drum) (Same exiting)	Nos.	30		
5	Wall Putty (5 Kg each Bucket)	Nos.	40		
6	Enamel Paint (1 Gallon each) (Various Colors)	Gallon	80		
7	Warmish ICI (1 Kg each)	Kg	50		
8	Thinner (Super)	Liter	150		
9	Tarpen oil	Liter	120		
10	Kerosene oil	Liter	150		
11	Spirit	Liter	150		
12	Red oxide	Gallon	10		
13	Plaster of Paris (3 Kg Bag)	bag`s	50		
14	Emery Paper Chand Tara (Different No.)	Nos.	300		
15	Dana for Polish Golden Indian	Kg	100		
16	Chandrus	Kg	50		
17	Belgium Chalk	Kg	20		

S.NO	ITEM NAME AND DESCRIPTION	UOM	TENTATIVE QTY	UNIT PRICE	TOTAL AMOUNT
18	Color for Polish	Pkt	40		
19	Leaker	Gallon	20		
20	Paint brush 2" to 5"	Nos.	40		
21	Cotton waste & Cotton Cloths for Cleaning	Pkt	700		
22	Scraper (Different Size)	Nos.	12		
23	Padlo	Kg	50		
24	Fiber gola material Complete (Same existing)	Kg	50		
25	Grease (Kg)	Tin	10		
26	Glass (Clear) & Frosted 5 mm	Sft	500		
27	WD-40 (Spray)	550 ml Tin	20		
28	Cement / white (40 Kg)	Bags	30		
29	O.P.C. cement (50 Kg)	Bags	80		
30	Tiles 8" x 8" (same exiting color & quality)	s.m	200		
31	Tiles 16" x 16" (same exiting color & quality)	s.m	500		
32	Tiles 24" x 24" (same exiting color & quality)	s.m	500		
33	Grouting powder (same exiting color & quality)	Pkt.	200		
34	Sand (Bags)	Suzuki	50		
35	Machine Block (4" x 8 x 12)	Nos.	5000		
36	Machine Block (5"x 8 x 12)	Nos.	5000		
37	Door Frame G.I	Rft	500		
	FURNITURE & FIXTURE				
1	ER Main Door Locks complete Same as Existing	Pcs	15		
2	OT Main Door Locks Complete Same as Existing	Pcs	20		
3	Drawer locks	Pcs	250		
4	Drawer lock Long head	No.	50		
5	Drawer locks (2 feet Long) Same as existing	Pcs	60		

S.NO	ITEM NAME AND DESCRIPTION	UOM	TENTATIVE QTY	UNIT PRICE	TOTAL AMOUNT
6	Drawer locks (2 feet Long for side tables) Same as existing	Pcs	150		
7	Wooden door slim dead lock Latch (Wards door) Same as Existing	Pcs	25		
8	Aluminum Door Dead Lock Same as existing	Pcs	30		
9	Nuts & Buts for Aluminum Door handles	Pcs	100		
10	Wheel for trolley 3" (4 wheel Set)	Set	20		
11	Wooden Door Cylinder Brass (Single side key)	Pcs	200		
12	Wooden Door Cylinder Brass (Double side key)	Pcs	50		
13	Chanel Patty for table draz (10", 12", 14" , 16") Same as existing.	Pair	100		
14	Hole Drawer (10" , 12")	Pcs	12		
15	S.S Book Hinges for cabinets	Length	20		
16	Door handles S.S 8" Same as existing	Pair	100		
17	Door handle Brass (6") Same as existing	No.	200		
18	Door lock handles Same as existing	Set	50		
19	Door Lock (Complete) Same as existing	Set	50		
20	Aluminum Ventilator handle	No.	150		
21	Epoxy	Kg	20		
22	Marble Jelly	Kg	5		
23	Floor Hinge Machine (4") Same as existing	No.	40		
24	S.S Dual Action Hinge for O.T doors (6") Same as existing	Pair	30		
25	Door Handle S.S for O.T (Same as existing)	Pair	20		
26	S.S Patti	Kg	30		
27	S.S Angle	Kg	30		
28	S.S Pipe	Kg	30		
29	Foot Stopper	No.	50		
30	Towel Bolt (4") Brass	No.	200		
31	Towel Bolt (6") Brass	No.	50		
32	Towel Bolt (12") Brass	No.	25		

S.NO	ITEM NAME AND DESCRIPTION	UOM	TENTATIVE QTY	UNIT PRICE	TOTAL AMOUNT
33	Door Closer	Nos.	50		
34	Fiber Gola Same as existing	Rft	500		
35	Consealed towel bolt Same as existing	Pcs	25		
36	Chapka Kundi Same as existing	Pcs	200		
37	Wooden Gatti Big Pkt/ PVC Fisher	Pkt	80		
38	Glue Mobilac	Kg	10		
39	Cementex	Kg	20		
40	Aluminium Ripit ('9/64 , 537)	Box	2		
41	Frosting Paper	Sft	5000		
42	Black paper for Glass	Sft	1000		
43	False Ceiling Gypsum Foil Coated at different floor of Trauma Center Same as existing.	Sqft	15000		
44	False Sealing Main Channel 12'	Rft	3500		
45	False Sealing Main Channel 4'	Rft	8000		
46	False Sealing Main Channel 2'	Rft	7000		
47	False Sealing L channel	Rft	2500		
48	False Sealing wire	Kg	60		
49	S.S Corners 3x3 inches (4'-0" long) (Same Existing)	Rft	200		
50	Fixing of S.S Sheets for doors	Rft	300		
51	WD 40 Spray	Large	50		
52	Welding Rods S.S	Box	25		
53	MS Angle	Kg	300		
54	MS Patti	Kg	300		
55	MS Pipe 1"x 1"	Kg	300		
56	MS Pipe 1"x 1 1/2"	Kg	300		
57	MS Pipe 1"x 2"	Kg	300		
58	MS Sheet	Kg	200		
59	MS Rods	Kg	300		
60	Aluminum U section for Doors 2mm	Length	20		
61	Aluminum Double U Section 2mm	Length	20		
62	Aluminum Rectangular Tubes 2mm	Length	20		
63	Aluminum Square Tubes 2mm	Length	20		
64	Aluminum Equal Angle 2mm	Length	20		

S.NO	ITEM NAME AND DESCRIPTION	UOM	TENTATIVE QTY	UNIT PRICE	TOTAL AMOUNT
65	Aluminium Door Vertical Sections 2mm	Length	20		
66	Wood Screw (1/2" x 4) 100 Pcs each Box	Box	25		
67	Wood Screw (1/2" x 5) 100 Pcs each Box	Box	25		
68	Wood Screw (3/4" x 4) 100 Pcs each Box	Box	25		
69	Wood Screw (3/4" x 5) 100 Pcs each Box	Box	25		
70	Wood Screw (1" x 4) 100 Pcs each Box	Box	20		
71	Wood Screw (1" x 5) 100 Pcs each Box	Box	20		
72	Wood Screw (1 1/4" x 4) 100 Pcs each Box	Box	15		
73	Wood Screw (1 1/4" x 5) 100 Pcs each Box	Box	15		
74	Wood Screw (1 1/2" x 4) 100 Pcs each Box	Box	15		
75	Wood Screw (1 1/2" x 5) 100 Pcs each Box	Box	15		
76	Wood Screw (2" x 4) 100 Pcs each Box	Box	10		
77	Wood Screw (2" x 5) 100 Pcs each Box	Box	10		
78	Wood Screw (2 1/2" x 4) 100 Pcs each Box	Box	5		
79	Wood Screw (2 1/2" x 5) 100 Pcs each Box	Box	5		
80	Black Screw (1/2" x 4) 100 Pcs each Box	Box	20		
81	Black Screw (1/2" x 5) 100 Pcs each Box	Box	20		
82	Black Screw (3/4" x 4) 100 Pcs each Box	Box	20		
83	Black Screw (3/4" x 5) 100 Pcs each Box	Box	20		
84	Black Screw (1" x 4) 100 Pcs each Box	Box	15		
85	Black Screw (1" x 5) 100 Pcs each Box	Box	15		
86	Black Screw (1 1/4" x 4) 100 Pcs each Box	Box	15		
87	Black Screw (1 1/4" x 5) 100 Pcs each Box	Box	15		
88	Black Screw (1 1/2" x 4) 100 Pcs each Box	Box	15		
89	Black Screw (1 1/2" x 5) 100 Pcs each Box	Box	15		
90	Cut Screw (3/4" x 10) 100 Pcs each Box	Box	15		

S.NO	ITEM NAME AND DESCRIPTION	UOM	TENTATIVE QTY	UNIT PRICE	TOTAL AMOUNT
91	Cut Screw (3/4" x 12) 100 Pcs each Box	Box	15		
92	Cut Screw (1" x 10) 100 Pcs each Box	Box	15		
93	Cut Screw (1" x 12) 100 Pcs each Box	Box	15		
94	Cut Screw (1 1/2" x 10) 100 Pcs each Box	Box	15		
95	Cut Screw (1 1/2" x 12) 100 Pcs each Box	Box	15		
96	Cut Screw (2" x 10) 100 Pcs each Box	Box	10		
97	Cut Screw (2" x 12) 100 Pcs each Box	Box	10		
98	Cut Screw (2 1/2" x 10) 100 Pcs each Box	Box	10		
99	Cut Screw (2 1/2" x 12) 100 Pcs each Box	Box	10		
100	Cut Screw (3" x 10) 100 Pcs each Box	Box	10		
101	Cut Screw (3" x 12) 100 Pcs each Box	Box	10		
102	Screw for revolving Chairs (1") 100 pcs each Box	Box	3		
103	Cut Screws SS (3/4"X 6) 100 pcs each Box	Box	25		
104	Cut Screws SS (1/2" X 7) 100 pcs each Box	Box	25		
105	Cut Screws SS (3/4 X 6") 100 pcs each Box	Box	25		
106	Cut Screws SS (1/2 X 6") 100 pcs each Box	Box	25		
107	Cut Screws SS (1" X 7") 100 pcs each Box	Box	25		
108	Cut Screws SS (1" X 10") 100 pcs each Box	Box	25		
109	Cut Screws SS (1-1/2" X 10") 100 pcs each Box	Box	25		
110	Cut Screws SS (1-1/4" X 10") 100 pcs each Box	Box	25		
111	Cut Screws SS (1-1/4 X 8") 100 pcs each Box	Box	25		
112	Cut Screws SS (2" X 7) 100 pcs each Box	Box	25		
113	Cut Screws SS (2" X 8) 100 pcs each Box	Box	25		
114	Cut Screws SS (2-1/2 X 10) 100 pcs each Box	Box	10		
115	Cut Screws SS (3 X 10) 100 pcs each Box	Box	10		
116	Screws With Nut & Washer (3mm) 100 pcs each Box	Box	2		

S.NO	ITEM NAME AND DESCRIPTION	UOM	TENTATIVE QTY	UNIT PRICE	TOTAL AMOUNT
117	Screws With Nut & Washer (4mm) 100 pcs each Box	Box	2		
118	Screws With Nut & Washer (5mm) 100 pcs each Box	Box	2		
119	Screws With Nut & Washer (6mm) 100 pcs each Box	Box	2		
120	Screws With Nut & Washer (8mm) 100 pcs each Box	Box	2		
121	Screws With Nut & Washer (10mm) 100 pcs each Box	Box	2		
122	Wood Nail (1")	Kg	1		
123	Wood Nail (2")	Kg	1		
124	Wood Nail (2½")	Kg	1		
125	No head Nail (¾" x 20)	Kg	1		
126	No head Nail (2" x17)	Kg	1		
127	No head Nail (3" x 20)	Kg	1		
128	No head Nail (1 ½" x 17)	Kg	1		
129	No head Nail (2 ½" x17)	Kg	1		
130	Chick Board sheets PATEX / Lasani (2153)	Sheet	40		
131	Back Sheets for cupboards	sheet	40		
132	Wooden lipping's (1 ½" x 2 x 10') (Golden Teak)	Length	200		
133	Cabinet Door Golay ¾ x ¾	Length	100		
134	Taper Golay	Length	80		
135	Wooden Golay 1" x 1" (Golden Teak)	Length	100		
136	Wooden Patti 2" x 1" (Golden Teak)	Length	100		
137	Wooden Patti 3" x 1" (Golden Teak)	Length	40		
138	Wooden Patti 2" x 2" (Golden Teak)	Length	10		
139	Wooden Patti 4" x 1 ½" (Golden Teak)	Length	10		
140	Wooden Door Shutter	Sqft	300		
141	M.S "I" Guarder 10'	Ft	200		
142	Roller Blinds	Sqft.	3000		
	PUMP MATERIAL				
1	Piston Set (3" pump) Same as existing	Set	6		
2	Boggis Rod (3" pump) Same as existing	No.	12		
3	Bearing NTN (Different sizes)	No.	40		
4	Gland Set Complete (3" pump)	No.	10		
5	Connecting Road (3" pump)	No.	10		

S.NO	ITEM NAME AND DESCRIPTION	UOM	TENTATIVE QTY	UNIT PRICE	TOTAL AMOUNT
6	Pump Glass (3" Pump)	No.	6		
7	Gland dori	ft	100		
8	Boggis (3" pump)	No.	100		
9	Spring Washer (3" pump)	No.	100		
10	Rubber Washer (3" pump)	No.	100		
11	Brass Bolt	No.	100		
12	Brass Washer	No.	100		
13	Piston Pump Packing (3" Set)	No.	30		
14	Piston Pump Oil	Liters	60		
15	Piston Pump Belt (A54 and A55 and other)	No.	100		
16	Piston Pump Nut Bolt with washer (1½",2½"x2/8)	Kg	2		
17	Piston Pump Nut Bolt with washer (3",2½"x2/8)	Kg	2		
	PLUMBING ITEMS				
1	Plug G I (2 1/2") Heavy Duty	No.	10		
2	Plug G I (3") Heavy Duty	No.	10		
3	Plug S.S (1/2") Heavy Duty	No.	10		
4	Plug S.S (3/4") Heavy Duty	No.	10		
5	Plug S.S (1") Heavy Duty	No.	10		
6	Plug S.S (1 ¼") Heavy Duty	No.	10		
7	Plug S.S (1 ½") Heavy Duty	No.	10		
8	Plug S.S (2") Heavy Duty	No.	10		
9	Elbow S.S (1/2") Heavy Duty	No.	10		
10	Elbow S.S (3/4") Heavy Duty	No.	10		
11	Elbow S.S (1") Heavy Duty	No.	10		
12	Barrel nipple S.S (1/2") Heavy Duty	No.	10		
13	Barrel nipple S.S (3/4") Heavy Duty	No.	10		
14	Barrel nipple S.S (1") Heavy Duty	No.	10		
15	Dadex End Cap (160 mm)	No.	10		
16	Dadex End Cap (110 mm)	No.	100		
17	Dadex End Cap (75 mm)	No.	20		
18	Dadex End Cap (50 mm)	No.	20		
19	Dadex Clean Out (110 mm)	No.	30		
20	Dadex Clean Out (75 mm)	No.	30		

S.NO	ITEM NAME AND DESCRIPTION	UOM	TENTATIVE QTY	UNIT PRICE	TOTAL AMOUNT
21	Dadex Clean Out (50 mm)	No.	20		
22	Dadex Socket (110 mm)	No.	30		
23	Dadex Socket (75 mm)	No.	40		
24	Dadex Socket (50 mm)	No.	30		
25	Dadex Elbow 45° (110 mm)	No.	30		
26	Dadex Elbow 45° (75 mm)	No.	30		
27	Dadex Elbow 45° (50 mm)	No.	30		
28	Dadex Elbow (110 mm)	No.	30		
29	Dadex Elbow (75 mm)	No.	30		
30	Dadex Tee (50 mm)	No.	20		
31	Dadex "y" Tee (110 mm)	No.	20		
32	Dadex "y" Tee (75 mm)	No.	20		
33	Dadex "y" Tee (50 mm)	No.	20		
34	Dadex Floor Drain (110 mm)	No.	30		
35	Flange Valve (2") Heavy Duty Same as existing	No.	10		
36	Flange Valve (3") Heavy Duty Same as existing	No.	10		
37	Flange Valve (4") Heavy Duty Same as existing	No.	10		
38	Dadex Pipe (110 mm)	Rft	100		
39	Dadex Pipe (75 mm)	Rft	200		
40	Dadex Pipe (50 mm)	Rft	200		
41	Solution White Dadex (125 G)	Tin	100		
42	Solution Orange EZ-weld PVC (125G)	Tin	100		
43	PPR Fitting Elbow 90° (75mm) Same as existing	No.	30		
44	PPR Fitting Socket (63mm) Same as existing	No.	30		
45	PPR Pipe (20 mm) Same as existing	Rft	200		
46	PPR Pipe (25mm) Same as existing	Rft	200		
47	PPR Pipe (32mm) Same as existing	Rft	100		
48	PPR Pipe (40mm) Same as existing	Rft	100		
49	PPR Fitting Brass Elbow (20 mm) Same as existing	No.	20		
50	PPR Fitting Brass Elbow (25 mm) Same as existing	No.	20		
51	PPR Fitting Brass Elbow (32 mm) Same as existing	No.	10		

S.NO	ITEM NAME AND DESCRIPTION	UOM	TENTATIVE QTY	UNIT PRICE	TOTAL AMOUNT
52	PPR Fitting Brass Socket (20 mm) Same as existing	No.	20		
53	PPR Fitting Brass Socket (25 mm) Same as existing	No.	20		
54	PPR Fitting Brass Socket (32 mm) Same as existing	No.	10		
55	PPR Fitting Brass Tee (20 mm) Same as existing	No.	20		
56	PPR Fitting Brass Tee (25 mm) Same as existing	No.	20		
57	PPR Fitting Brass Tee (32 mm) Same as existing	No.	10		
58	PPR Union (20 mm) Same as existing	No.	20		
59	PPR Union (25mm) Same as existing	No.	20		
60	PPR Union (32mm) Same as existing	No.	20		
61	PPR Union (40mm) Same as existing	No.	20		
62	PPR Union (50mm) Same as existing	No.	20		
63	PPR Union (63mm) Same as existing	No.	10		
64	PPR Union (75mm) Same as existing	No.	10		
65	Waste strainer Same as existing	No.	150		
66	Socket PPR Thread (25mm) Same as existing	No.	20		
67	Socket PPR Thread (32mm) Same as existing	No.	20		
68	Socket PPR Thread (40mm) Same as existing	No.	20		
69	Socket PPR Thread (50mm) Same as existing	No.	20		
70	Socket PPR Thread (63mm) Same as existing	No.	20		
71	Socket PPR Thread (75mm) Same as existing	No.	20		
72	Socket PPR Thread (90mm) Same as existing	No.	20		
73	Bush PPR (90x63mm) Same as existing	No.	10		
74	Bush PPR (75x90mm) Same as existing	No.	10		
75	Bush PPR (50x90mm) Same as existing	No.	10		
76	Bush PPR (32x90mm) Same as existing	No.	10		

S.NO	ITEM NAME AND DESCRIPTION	UOM	TENTATIVE QTY	UNIT PRICE	TOTAL AMOUNT
77	Bush PPR (25x90mm) Same as existing	No.	10		
78	Bush PPR (20x90mm) Same as existing	No.	10		
79	Bush PPR (20x75mm) Same as existing	No.	10		
80	Bush PPR (25x75mm) Same as existing	No.	10		
81	Bush PPR (32x75mm) Same as existing	No.	10		
82	Bush PPR (40x75mm) Same as existing	No.	10		
83	Bush PPR (50x75mm) Same as existing	No.	10		
84	Bush PPR (63x75mm) Same as existing	No.	10		
85	Bush PPR (20x63mm) Same as existing	No.	10		
86	Bush PPR (25x63mm) Same as existing	No.	10		
87	Bush PPR (32x63mm) Same as existing	No.	10		
88	Bush PPR (40x63mm) Same as existing	No.	10		
89	Bush PPR (50x63mm) Same as existing	No.	10		
90	Bush PPR (25x50mm) Same as existing	No.	10		
91	Bush PPR 32x50mm0 Same as existing	No.	10		
92	Bush PPR (40x50mm) Same as existing	No.	10		
93	Bush PPR (25x40mm) Same as existing	No.	10		
94	Bush PPR (32x40mm) Same as existing	No.	10		
95	Bush PPR (25x40mm) Same as existing	No.	10		
96	Bush PPR (20x40mm) Same as existing	No.	10		
97	Barrel Nipple S.S (½" to 2")	No.	30		
98	Tube Connection Brass (18", 24" Long) Same as existing	Pair	100		
99	Tube basin Brass (18", 24") Same as existing	Pair	100		
100	Basin Mixture Same as existing	No.	50		

S.NO	ITEM NAME AND DESCRIPTION	UOM	TENTATIVE QTY	UNIT PRICE	TOTAL AMOUNT
101	Sink Mixture Heavy Duty	No.	10		
102	Suction Bottle water Pump (3") Same as existing	No.	2		
103	Motor for Suction Bottle water Pump Tecco or Equivalent (3 Phase, 4HP) Same as existing	No.	2		
104	Summer suction Pumps (sump pits) Grundfos or equivalent	No.	1		
105	Muslim shower Heavy Duty	No.	400		
106	Muslim shower chain Heavy Duty	No.	400		
107	Porta Basin pedestal USA Same as existing	No.	10		
108	Spindle double bib cock Brass (Heavy Duty) Conforming to existing at site	No.	100		
109	Basin Mixture Spindle Dark blue Conforming to existing at site	No.	100		
110	Basin Mixture Spindle light blue Conforming to existing at site	No.	50		
111	Basin Mixture Spindle off white Conforming to existing at site	No.	30		
112	Flash Tank Material Same as existing	Set	50		
113	Push Button for Flash Tank (Groue)	No.	20		
114	Fisher brass/ S.S (10mm, 12 mm)	No.	100		
115	Non return Valve (Kitz) (1/2")	No.	5		
116	Non return Valve (Kitz) (3/4")	No.	5		
117	Non return Valve (Kitz) (1")	No.	5		
118	Non return Valve (Kitz) (1 1/2")	No.	5		
119	Non return Valve (Kitz) (1 3/4")	No.	5		
120	Non return Valve (Kitz) (2")	No.	5		
121	Brass valve Socket (1/2')	No.	20		
122	Brass valve Socket (3/4')	No.	20		
123	Brass valve Socket (1')	No.	20		
124	Brass valve Socket (2')	No.	20		
125	Brass valve Socket (1 3/4")	No.	10		
126	Brass valve Socket (2 1/2")	No.	10		
127	Elbow PPR Thread (20mm)	No.	20		
128	Flexible pipe basin complete (1 1/4")	set	200		

S.NO	ITEM NAME AND DESCRIPTION	UOM	TENTATIVE QTY	UNIT PRICE	TOTAL AMOUNT
129	Sink mixture adjustable neck for CSSD washing area Same as existing	No.	20		
130	Basin mixture neck Same as existing	No.	50		
131	Sink mixture neck Same as existing	No.	50		
132	Hand Shower with chain Same as existing	No.	50		
133	Basin Mixture Head	No.	100		
134	Foot Valve Brass 4"	No.	4		
135	PVC Pipe (½") Pak Arab or equivalent	meter	90		
136	PVC Pipe (1") Pak Arab or equivalent	meter	90		
137	PVC Pipe (1 ½") Pak Arab or equivalent	meter	45		
138	PVC Pipe (2") Pak Arab or equivalent	meter	45		
139	PVC Pipe (3") Pak Arab or equivalent	meter	30		
140	PVC Socket (½") Pak Arab or equivalent	No.	50		
141	PVC Socket (1") Pak Arab or equivalent	No.	50		
142	PVC socket (1 1/2") Pak Arab or equivalent	No.	20		
143	PVC socket (2") Pak Arab or equivalent	No.	30		
144	PVC socket (1/2 x 1") Pak Arab or equivalent	No.	20		
145	PVC socket (1 x 1 1/2") Pak Arab or equivalent	No.	20		
146	PVC socket (1 1/2 x 2") Pak Arab or equivalent	No.	20		
147	PVC socket (2 x 2 1/2") Pak Arab or equivalent	No.	10		
148	PVC socket (2 1/2 x 3") Pak Arab or equivalent	No.	10		
149	PVC socket (1 x 2") Pak Arab or equivalent	No.	20		
150	PVC socket (1 x 3") Pak Arab or equivalent	No.	10		
151	PVC socket (2 x 3") Pak Arab or equivalent	No.	10		
152	PVC Valve Socket Brass (1") Pak Arab or equivalent	No.	20		
153	PVC Valve Socket Brass (1 1/2") Pak Arab or equivalent	No.	20		

S.NO	ITEM NAME AND DESCRIPTION	UOM	TENTATIVE QTY	UNIT PRICE	TOTAL AMOUNT
154	PVC Valve Socket Brass (1 1/4") Pak Arab or equivalent	No.	20		
155	PVC Valve Socket Brass (2") Pak Arab or equivalent	No.	20		
156	PVC Valve Socket Brass (2 1/2") Pak Arab or equivalent	No.	20		
157	PVC Valve Socket Brass (3") Pak Arab or equivalent	No.	25		
158	PVC Valve Socket Brass (4") Pak Arab or equivalent	No.	25		
159	PVC elbow (1/2") Pak Arab or equivalent	No.	50		
160	PVC elbow (1") Pak Arab or equivalent	No.	50		
161	PVC elbow (1 1/2") Pak Arab or equivalent	No.	50		
162	PVC elbow (2") Pak Arab or equivalent	No.	50		
163	PVC elbow (3") Pak Arab or equivalent	No.	50		
164	PVC Tee (1/2") Pak Arab or equivalent	No.	25		
165	PVC Tee (1") Pak Arab or equivalent	No.	25		
166	PVC Tee (1 1/2") Pak Arab or equivalent	No.	50		
167	PVC Tee (2") Pak Arab or equivalent	No.	25		
168	PVC Y Tee (1/2") Pak Arab or equivalent	No.	20		
169	PVC Y (1") Pak Arab or equivalent	No.	20		
170	PVC Y (1 1/2") Pak Arab or equivalent	No.	20		
171	PVC Y Tee (2") Pak Arab or equivalent	No.	20		
172	PVC 45° (1/2") Pak Arab or equivalent	No.	20		
173	PVC 45° (1") Pak Arab or equivalent	No.	20		
174	PVC 45° (1 1/2") Pak Arab or equivalent	No.	20		
175	PVC 45° (2") Pak Arab or equivalent	No.	20		
176	Chanel washer [Single] Same as existing	No.	200		
177	Chanel washer [Double] Same as existing	No.	200		
178	Basin mixture Lever Same as existing	No.	150		
179	S.S Padistal Bolt Bracket Same as existing	No.	200		

S.NO	ITEM NAME AND DESCRIPTION	UOM	TENTATIVE QTY	UNIT PRICE	TOTAL AMOUNT
180	S.S Basin Bolt Bracket Same as existing	No.	200		
181	Thumble for Porta Commode Same as existing	No.	5		
182	Commode Seat Cover Porta	No.	20		
183	PVC Union (½") Pak Arab or equivalent	No.	20		
184	PVC Union (1") Pak Arab or equivalent	No.	20		
185	PVC Union (1 1/2") Pak Arab or equivalent	No.	10		
186	PVC Union (2") Pak Arab or equivalent	No.	10		
187	Schedule 80 PVC Pipe (1 1/2") Best Quality	Meter	30		
188	Schedule 80 PVC Pipe (2") Best Quality	Meter	30		
189	Schedule 80 PVC Socket (1 1/2") Best Quality	No.	20		
190	Schedule 80 PVC Socket (2") Best Quality	No.	20		
191	Schedule 80 PVC Tee (1 1/2") Best Quality	No.	20		
192	Schedule 80 PVC Tee (2") Best Quality	No.	20		
193	Schedule 80 PVC Y Tee (1 1/2") Best Quality	No.	20		
194	Schedule 80 PVC Y Tee (2") Best Quality	No.	20		
195	Schedule 80 PVC elbow (1 1/2") Best Quality	No.	20		
196	Schedule 80 PVC elbow (2") Best Quality	No.	10		
197	Schedule 80 PVC Union (1 1/2") Best Quality	No.	10		
198	Schedule 80 PVC Union (2") Best Quality	No.	10		
199	Schedule 80 PVC Bush (1 1/2 x 1") Best Quality	No.	10		
200	Schedule 80 PVC Bush (1 x 1/2") Best Quality	No.	10		
201	Schedule 80 PVC Bush (1 1/4 x 1/2") Best Quality	No.	10		
202	Schedule 80 PVC Bush (1 1/2 x 1/2") Best Quality	No.	10		
203	Schedule 80 PVC Bush (2 x 1/2") Best Quality	No.	10		

S.NO	ITEM NAME AND DESCRIPTION	UOM	TENTATIVE QTY	UNIT PRICE	TOTAL AMOUNT
204	Schedule 80 PVC Bush (1 1/2 x 2") Best Quality	No.	10		
205	Schedule 80 PVC Valve (1 1/2") Best Quality	No.	10		
206	Schedule 80 PVC Valve (1 3/4") Best Quality	No.	10		
207	Schedule 80 PVC Valve (2") Best Quality	No.	10		
208	Schedule 80 PVC plug (1") Best Quality	No.	20		
209	Schedule 80 PVC plug (1 1/2") Best Quality	No.	20		
210	Schedule 80 PVC plug (1 3/4") Best Quality	No.	20		
211	Schedule 80 PVC plug (2") Best Quality	No.	20		
212	PVC Valve (1 3/4") Heavy Duty	No.	15		
213	PVC Valve (1 1/2") Heavy Duty	No.	15		
214	PVC Valve (2") Heavy Duty	No.	10		
215	O Ring set (Mixed sizes)	Box	2		
216	TDS Meter	No.	1		
217	M.S Seamless Pipe (1/2")	Rft	20		
218	M.S Seamless Pipe (3/4")	Rft	20		
219	M.S Seamless Pipe (1")	Rft	20		
220	M.S Seamless Pipe (2")	Rft	100		
221	M.S Seamless Pipe (2 1/2")	Rft	100		
222	M.S Seamless Pipe (3")	Rft	100		
223	M.S Seamless Pipe (4")	Rft	100		
224	M.S seamless elbow (1/2")	No.	10		
225	M.S seamless elbow (3/4")	No.	10		
226	M.S seamless elbow (1")	No.	10		
227	M.S seamless elbow (2")	No.	10		
228	M.S seamless elbow (2 1/2")	No.	10		
229	M.S seamless elbow (3")	No.	10		
230	M.S seamless elbow (4")	No.	10		
231	M.S seamless Tee (1/2")	No.	10		
232	M.S seamless Tee (3/4")	No.	10		
233	M.S seamless Tee (1")	No.	10		
234	M.S seamless Tee (2")	No.	10		

S.NO	ITEM NAME AND DESCRIPTION	UOM	TENTATIVE QTY	UNIT PRICE	TOTAL AMOUNT
235	M.S seamless Tee (2 1/2")	No.	10		
236	M.S seamless Tee (3")	No.	10		
237	M.S seamless Tee (4")	No.	10		
238	Ball Valve Brass Kitz 1/2" 150 to 250 Psi	No.	10		
239	Ball Valve Brass Kitz 3/4" 150 to 250 Psi	No.	10		
240	Steel Jali (3" , 4")	No.	100		
241	Brass Spindle Screw (Same as existing)	No.	200		
242	Spindle head haddi (Same as existing)	No.	300		
243	Hanging clip 110 mm	No.	30		
244	Hanging clip 90 mm	No.	50		
245	Hanging clip 75 mm	No.	50		
246	Hanging clip 50 mm	No.	50		
247	Hanging clip 32 mm	No.	50		
248	Hanging clip 25 mm	No.	50		
249	Hanging clip 20 mm	No.	50		
250	Dhaga (Gola)	No.	200		
251	Teflon Tape (Big)	No.	500		
252	UPVC Bush (1 1/2 X 1")	No.	10		
253	UPVC Bush (3 x 2 1/2")	No.	20		
254	UPVC Bush (3x2")	No.	10		
255	GI Bush (3 x 2 1/2")	No.	10		
256	Cable Tie (4") Same as existing	Packet	2		
257	Cable Tie (6") Same as existing	Packet	2		
258	Cable Tie (8") Same as existing	Packet	2		
259	Cable Tie (10") Same as existing	Packet	2		
260	Cable Tie (12") Same as existing	Packet	2		
261	Jubilee Clamp SS (1/2") Same as existing	No.	20		
262	Jubilee Clamp SS (3/4") Same as existing	No.	20		
263	Jubilee Clamp SS (1") Same as existing	No.	20		
264	Jubilee Clamp SS (1-1/2") Same as existing	No.	20		
265	Jubilee Clamp SS (1-1/4") Same as existing	No.	20		

S.NO	ITEM NAME AND DESCRIPTION	UOM	TENTATIVE QTY	UNIT PRICE	TOTAL AMOUNT
266	Jubilee Clamp SS (2") Same as existing	No.	20		
267	Jubilee Clamp SS (2-1/2") Same as existing	No.	20		
268	Jubilee Clamp SS (2-1/4") Same as existing	No.	20		
269	Jubilee Clamp SS (3") Same as existing	No.	20		
270	Jubilee Clamp SS (3-1/2") Same as existing	No.	20		
271	Nut (8 mm to 16 mm) Same as existing	Kg	5		
272	Bolt (8 mm to 16 mm) Same as existing	Kg	5		
273	Carbon Steel Nut ,Bolts with double washer (8mm) Same as existing	Kg	5		
274	Carbon Steel Nut ,Bolts with double washer (10 mm) Same as existing	Kg	5		
275	Carbon Steel Nut ,Bolts with double washer (12 mm) Same as existing	Kg	5		
276	Carbon Steel Nut ,Bolts with double washer (14 mm) Same as existing	Kg	5		
277	Carbon Steel Nut ,Bolts with double washer (16 mm) Same as existing	Kg	5		
	TOOLS				
1	Plier Set	-	5		
2	Cutter Plier Set	-	4		
3	Screwdriver Star Set	-	2		
4	Ring Spanner Set	-	2		
5	Star L-Key Set	-	3		
6	L. Key Set	-	3		
7	Box Spanner set	-	2		
8	Screw Drivers Set	-	7		
9	Hammer Cross Peen 1Kg	-	2		
10	Drill Machine	-	1		
11	Hill Tee drill small & Big	-	2		
12	Power Grinder	-	1		
13	Baby Grinder	-	2		

S.NO	ITEM NAME AND DESCRIPTION	UOM	TENTATIVE QTY	UNIT PRICE	TOTAL AMOUNT
14	Aluminum Cutter	-	1		
15	Lubricating material Can	-	2		
16	Screw wrench up to 18" Set	-	2		
17	Pipe wrench up to 48" Set	-	2		
18	Hammer set	-	3		
19	D-Spanner Set	-	1		
20	Welding machine	-	1		
21	Electric wood cutter	-	1		
22	Electric Randa machine	-	1		
23	Electric hand cutter	-	1		
24	Saw	-	3		
25	Hand Randa	-	1		
26	Chorsi set	-	2		
27	Measuring Tape set	-	6		
28	Jhamboor	-	2		
29	Sand stone	-	2		
30	PPR Welding machine up to 90mm	-	2		
31	False ceiling wire cutter	-	4		
32	PPR Pipe Cutter up to 110mm	-	2		
33	Glass Holding Grips	-	2		
34	Glass Cutter	-	2		
35	Filer Set	-	2		
	COMSUMABLES				
1	Painter Roller (Various Sizes)	-	80		
2	Roller Tray	-	24		
3	Paint Brush (Various Sizes)	-	50		
4	Scraper Set	-	12		
5	Batti	-	4		
6	Emery Paper (Various No.)	-	150		
7	Welding Rod M.S	Kg	10		
8	Welding Rod S.S	Kg	15		
9	Grinder Disks (4" to 6")	-	100		
10	Grinder Buffing Disks	-	20		
11	Grinder Scrapping Disk	-	20		

S.NO	ITEM NAME AND DESCRIPTION	UOM	TENTATIVE QTY	UNIT PRICE	TOTAL AMOUNT
12	Drill Machine Bits (Iron, S.S, Wood, Concrete) 1mm to 16mm	-	100		
13	Hilti Machine Bits 2mm to 16mm	-	100		
14	Hexa Blade	-	80		
15	Knife Blade	-	40		
16	Grease	Kg	5		
17	WD 40 Spray Tin Big	-	30		
18	Cotton Waste	Pkt	600		
19	Malmal	Meter	1000		
20	Aluminum Cutter Disk	-	4		
21	Spray Gun	-	2		

Note:

1. The technical evaluation carried out by the Procurement Committee, SMBBIT, Karachi will be final.
2. All the items in lighting / switch gear / GENSET section would be under 1-year warranty.

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:

Chief Operating Officer,
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 Chief Operating Officer (COO), 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)
 - Signature: _____
 - 2. _____
(Name, Title, Signature & Seal)
- _____
Guarantor (Bank)
- 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. _____

Chief Operating Officer/DDO