

STANDARD BIDDING DOCUMENT (SBD)



GOVERNMENT OF SINDH

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

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

TENDER REFERENCE # PROC/SMBBIT/(HEP-01)/2023-24

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	5% 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 2023-24
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.
Place of Delivery	Store Department of SMBB Institute of Trauma, Karachi, and satellite trauma centers in different locations of Sindh Province.

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, MACHANICAL, ELECTRICAL & GENSET PARTS, PAINT & PLUMBING) ON FRAMEWORK CONTRACT BASIS (SPPRA Rule 15(B))**” Tender Ref. # **PROC/SMBBIT/(HEP-01)/2023-24**.
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 bid**.
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 contract period that is 1 year starting from signing of contract agreement;** 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, General Sales Tax / Sindh Sales Tax, 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, MACHANICAL, ELECTRICAL & GENSET PARTS, PAINT & PLUMBING) ON FRAMEWORK CONTRACT BASIS (SPPRA Rule 15(B))”** Tender Ref. # **PROC/SMBBIT/(HEP-01)/2023-24.**
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, MACHANICAL, ELECTRICAL & GENSET PARTS, PAINT & PLUMBING) ON FRAMEWORK CONTRACT BASIS (SPPRA Rule 15(B))”** Tender Ref. # **PROC/SMBBIT/(HEP-01)/2023-24** 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 General Sales Tax / 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)		
4.	Copy of Financial year Paid Income tax and return (Recent Last Three Years)		
5.	Copy of Professional Tax (Attach Recent 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 50 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-D)		
9.	Submission of Undertaking on legal valid and attested stamp paper that supply of required items within stipulated time. (ANNEXURE-E)		
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.	Bid Letter Form on bidder's letter head as per sample of this bidding documents duly sign and stamp. (ANNEXURE-C)		
14.	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 KARACHI (SMBBIT)

The Shaheed Mohtarma Benazir Bhutto Institute of Trauma Authority reserves right to increase / decrease or delete the quantities., at the time of award of contract and also reserves the right to enhance the quantity of goods / services originally specified in the schedule of requirement without any change in unit price or other terms and conditions of goods at any time during contract period **i.e. 1 year** from the signing of Contract Agreement.

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 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 of SMBB Institute of Trauma, Karachi, and satellite trauma centers in different locations of Sindh Province.

3. **DISPATCH INSTRUCTION:** Free Delivery to the Consignee. i.e. Store Dept. SMBB Institute of Trauma, Karachi and satellite trauma centers in different locations of Sindh Province, Between 09:00 am to 03:00 pm.

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

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

**SCHEDULE OF REQUIREMENT/ BILL OF QUANTITIES (BOQ) OF
PROCUREMENT OF MISC. ITEMS (HVAC, MACHANICAL,
ELECTRICAL PARTS, PAINT & PLUMBING) ON FRAMEWORK
CONTRACT BASIS (SPPRA Rule 15(B))”**

Tender Ref. #: PROC/SMBBIT/(HEP-01)/2023-24

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
	HVAC & BMS ITEMS						
1	Gas R-22 (Make: Usa/Honeywell) (Conforming To Existing At Site) 13.5 Kg	5	Cylinder				
2	Gas R-410-A (Make: Usa/Honeywell) (Conforming To Existing At Site) 11 Kg	5	Cylinder				
3	Gas R-134-A (Make: Usa/Honeywell) (Conforming To Existing At Site) 11 Kg	5	Cylinder				
4	Gas R-404-A (Make: Usa/Honeywell) (Conforming To Existing At Site) 10.9 Kg	5	Cylinder				
5	Gas R-32 (Make: Usa/Honeywell) (Conforming To Existing At Site) 9.5 Kg	5	Cylinder				
6	Gas R-407c (Make: Usa/Honeywell) (Conforming To Existing At Site) 11.3 Kg	5	Cylinder				
7	Gas R-11 For Flushing (Conforming To Existing At Site) 11 Kg	5	Cylinder				
8	Compressor Oil R-22 (Make: Suniso Original/Shell) (Conforming To Existing At Site) 3.75 Litre	5	Gallon				
9	Compressor Oil R-410 (Make: Suniso Original/Shell) (Conforming To Existing At Site) 3.75 Litre	5	Gallon				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
10	Compressor Oil R-404 (Make: Suniso Original/Shell) (Conforming To Existing At Site) 3.75 Litre	5	Gallon				
11	Compressor Oil R-134 (Make: Suniso Original/Shell) (Conforming To Existing At Site) 3.75 Litre	5	Gallon				
12	Compressor Oil R-32 (Make: Suniso Original/Shell) (Conforming To Existing At Site) 3.75 Litre	5	Gallon				
13	Compressor Oil R-407c (Make: Suniso Original/Shell) (Conforming To Existing At Site) 3.75 Litre	5	Gallon				
14	Compressor 1 Ton Rotary (Replace) (Conforming To Existing At Site) 1-ton	5	No's				
15	Compressor 1.5 Ton Rotary (Replace) (Conforming To Existing At Site) 1.5 ton	5	No's				
16	Compressor 2.0 Ton Rotary (Replace) (Conforming To Existing At Site) 2-ton	5	No's				
17	Compressor 2.5 Ton Scroll (Replace) (Conforming To Existing At Site) 2.5-ton	5	No's				
18	Compressor 4.0 Ton Scroll & Rotary (Replace) (Conforming To Existing At Site) 4.0 ton	5	No's				
19	Compressor 6.0 Ton Scroll Double Stage Suction Copland (Replace) (Conforming To Existing At Site) 6-ton	5	No's				
20	Compressor 8.0 Ton Scroll Copland (Replace) (Conforming To Existing At Site) 8-ton	5	No's				
21	Compressor (Replace) (Conforming To Existing At Site) 1/4 0.036	5	No's				
22	Compressor (Replace) (Conforming To Existing At Site) 1/5 0.033	5	No's				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
23	Compressor (Replace) (Conforming To Existing At Site) 1/6 0.031	5	No's				
24	Compressor (Replace) (Conforming To Existing At Site) 1/8 0.028	5	No's				
25	Compressor Leads (R C S) (Conforming To Existing At Site) R C S	10	No's				
26	Compressor Relay Electronic Fridge Water Dispenser (Conforming To Existing At Site)	10	No's				
27	Compressor Overload Electronic Fridge Water Dispenser (Conforming To Existing At Site)	10	No's				
28	Compressor Relay Denfoss Fridge Water Dispenser (Conforming To Existing At Site)	10	No's				
29	Filter Drier Fridge Water Dispenser (Conforming To Existing At Site)	10	No's				
30	Compressor Cold Storage R-404 ZANOTTI (Replace) (Conforming To Existing At Site) 2-ton	1	No's				
31	Capacitor (Make: Fuji) 50uf (Conforming To Existing At Site) 50uf	10	No's				
32	Capacitor (Make: Fuji) 60uf (Conforming To Existing At Site) 60uf	10	No's				
33	Capacitor (Make: Fuji) 2.5uf (Conforming To Existing At Site) 2.2uf	10	No's				
34	Capacitor (Make: Fuji) 3.5uf (Conforming To Existing At Site) 2.5uf	5	No's				
35	Capacitor (Make: Fuji) 4.5uf (Conforming To Existing At Site) 5.0uf	5	No's				
36	Capacitor (Make: Fuji) 5.0uf (Conforming To Existing At Site) 7.0uf	5	No's				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
37	Capacitor (Make: Fuji) 5.0uf (Conforming To Existing At Site) 8.0uf	5	No's				
38	Capacitor (Make: Fuji) 8.0uf (Conforming To Existing At Site) 10uf	5	No's				
39	Capacitor (Make: Fuji) 10uf (Conforming To Existing At Site) 12uf	5	No's				
40	Capacitor (Make: Fuji) 12uf (Conforming To Existing At Site) 20uf	5	No's				
41	Magnetic Contactor Single Phase 16 Amp 2-Pole (Conforming To Existing At Site) 16 Amp	3	No's				
42	Magnetic Contactor Single Phase 20 Amp 1-Pole (Conforming To Existing At Site) 20 Amp	3	No's				
43	Magnetic Contactor Single Phase 20 Amp 2-Pole (Conforming To Existing At Site) 20 Amp	3	No's				
44	Magnetic Contactor Three Phase 32 Amp 3-Pole TC-18 (Conforming To Existing At Site) 32 Amp	3	No's				
45	Gas Charging Valve 1/4 (Make: Mueller/Muller USA) (Conforming To Existing At Site) 1/4"	3	No's				
46	Gas Charging Valve 1/2 (Make: Mueller/Muller USA) (Conforming To Existing At Site) 1/2"	3	No's				
47	Gas Charging Valve 3/8 (Make: Mueller/Muller USA) (Conforming To Existing At Site) 3/8"	3	No's				
48	Gas Charging Valve 5/8 (Make: Mueller/Muller USA) (Conforming To Existing At Site) 5/8"	3	No's				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
49	Gas Charging Valve 3/4 (Make: Mueller/Muller USA) (Conforming To Existing At Site) 3/4"	3	No's				
50	Gas Charging Pin Valve 1/4 (Make: Mueller/Muller USA) (Conforming To Existing At Site) 1/4"	3	No's				
51	Copper U Band 1/4 (Make: Mueller/Muller USA) (Conforming To Existing At Site) 1/4"	3	No's				
52	Copper U Band 3/8 (Make: Mueller/Muller USA) (Conforming To Existing At Site) 3/8"	3	No's				
53	Flexible Pipe PVC (For Drain Line) (Conforming To Existing At Site) 1"	3	Feet's				
54	Flexible Pipe PVC (For Drain Line) (Conforming To Existing At Site) 3/4"	3	Feet's				
55	Flexible Pipe PVC (For Electrical Conduit) (Conforming To Existing At Site) 1"	3	Feet's				
56	AC Outdoor Bracket (Conforming To Existing At Site)	5	No's				
57	Capillary tube 0/32 (Make: Mueller/Muller USA) (Conforming To Existing At Site) 0/32	2	Coil				
58	Capillary tube 0/36 (Make: Mueller/Muller USA) (Conforming To Existing At Site) 0/36	2	Coil				
59	Capillary tube 1/32 (Make: Mueller/Muller USA) (Conforming To Existing At Site) 1/32"	2	Coil				
60	Copper Pipe 50, Feet Coil (Make: Mueller/Muller USA) (Conforming To Existing At Site) 1/4"	5	Coil				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
61	Copper Pipe 50, Feet Coil (Make: Mueller/Muller USA) (Conforming To Existing At Site) 3/8"	5	Coil				
62	Copper Pipe 50, Feet Coil (Make: Mueller/Muller USA) (Conforming To Existing At Site) 1/2"	5	Coil				
63	Copper Pipe 50, Feet Coil (Make: Mueller/Muller USA) (Conforming To Existing At Site) 5/8"	5	Coil				
64	Copper Pipe 50, Feet Coil (Make: Mueller/Muller USA) (Conforming To Existing At Site) 3/4"	5	Coil				
65	Flare Nut Copper (Make: Mueller/Muller USA) (Conforming To Existing At Site) 3/8"	12	No's				
66	Flare Nut Copper (Make: Mueller/Muller USA) (Conforming To Existing At Site) 1/2"	12	No's				
67	Flare Nut Copper (Make: Mueller/Muller USA) (Conforming To Existing At Site) 5/8"	12	No's				
68	Flare Nut Copper (Make: Mueller/Muller USA) (Conforming To Existing At Site) 3/4"	12	No's				
69	Flare Nut Copper (Make: Mueller/Muller USA) (Conforming To Existing At Site) 1/4"	12	No's				
70	Union Copper (Make: Mueller/Muller USA) (Conforming To Existing At Site) 3/8"	12	No's				
71	Union Copper (Make: Mueller/Muller USA) (Conforming To Existing At Site) 1/2"	12	No's				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
72	Union Copper (Make: Mueller/Muller USA) (Conforming To Existing At Site) 5/8"	12	No's				
73	Union Copper (Make: Mueller/Muller USA) (Conforming To Existing At Site) 3/4"	12	No's				
74	Union Copper (Make: Mueller/Muller USA) (Conforming To Existing At Site) 1/4"	12	No's				
75	Liquid Line Drier Filter Threaded (Make: Alco Controls/ Denfoss/Castel) (Conforming To Existing At Site) 3/8"	12	No's				
76	Liquid Line Drier Filter Threaded (Make: Alco Controls/ Denfoss/Castel) (Conforming To Existing At Site) 5/8"	12	No's				
77	Liquid Line Drier Filter Threaded (Make: Alco Controls/ Denfoss/Castel) (Conforming To Existing At Site) 1/2"	3	No's				
78	Copper Pipe Aero flux Insulation (Conforming To Existing At Site) 3/8" x 6-Feet's Length	3	No's				
79	Copper Pipe Aero flux Insulation (Conforming To Existing At Site) 7/8" x 6-Feet's Length	3	No's				
80	Copper Pipe Aero flux Insulation (Conforming To Existing At Site) 1-1/8" x 6-Feet's Length	3	No's				
81	Circuit Card For Split Ac Universal (Conforming To Existing At Site)	3	No's				
82	Solenoid Coil With Assembly (Conforming To Existing At Site) 220v/60hz/14w-24VA BF230CS	2	No's				
83	AHU Blower Motor Belt (Conforming To Existing At Site) Spa-1157 Lw	2	No's				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
84	AHU Blower Motor Belt (Conforming To Existing At Site) Spa-1060 Lw	2	No's				
85	AHU Blower Motor Belt (Conforming To Existing At Site) Spa-1320 Lw	2	No's				
86	AHU Blower Motor Belt (Conforming To Existing At Site) Spa-1082 Lw	2	No's				
87	AHU Blower Motor Belt (Conforming To Existing At Site) Spa-900 Lw	2	No's				
88	AHU Blower Motor Belt (Conforming To Existing At Site) Spa-982 Lw	2	No's				
89	AHU Blower Motor Belt (Conforming To Existing At Site) Spa-850 Lw	2	No's				
90	AHU Blower Motor Belt (Conforming To Existing At Site) Spa-950 Lw	2	No's				
91	AHU Blower Motor Belt (Conforming To Existing At Site) Spa-882 Lw	2	No's				
92	AHU Blower Motor Belt (Conforming To Existing At Site) Spa-1272 Lw	2	No's				
93	AHU Blower Motor Belt (Conforming To Existing At Site) Spa-1000 Lw	2	No's				
94	AHU Blower Motor Belt (Conforming To Existing At Site) Spa-1207 Lw	2	No's				
95	AHU Blower Motor Belt (Conforming To Existing At Site) B-49	2	No's				
96	AHU Blower Motor Belt (Conforming To Existing At Site) A-78	2	No's				
97	AHU Blower Motor Belt (Conforming To Existing At Site) A-76	2	No's				
98	AHU Blower Motor Belt (Conforming To Existing At Site) AX64LI	2	No's				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
99	AHU Blower Motor Belt (Conforming To Existing At Site) A-63	2	No's				
100	AHU Blower Motor Belt (Conforming To Existing At Site) A-68	2	No's				
101	AHU Blower Motor Belt (Conforming To Existing At Site) B-68	2	No's				
102	AHU Blower Motor Belt (Conforming To Existing At Site) CX-78	2	No's				
103	Cooling Tower Fan Motor Belt (Conforming To Existing At Site) B 146	2	Nos				
104	Bearings (Make SKF/NTN) (Conforming To Existing At Site) 6201-2RS/C3 1/2	2	No's				
105	Bearings (Make SKF/NTN) (Conforming To Existing At Site) 6202-2Z/C3	2	No's				
106	Bearings (Make SKF/NTN) (Conforming To Existing At Site) 6203-2Z/C3	2	No's				
107	Bearings (Make SKF/NTN) (Conforming To Existing At Site) 6204-2Z/C3	2	No's				
108	Bearings (Make SKF/NTN) (Conforming To Existing At Site) 6205-2Z/C3	2	No's				
109	Bearings (Make SKF/NTN) (Conforming To Existing At Site) 6206-2Z/C3	2	No's				
110	Bearings (Make SKF/NTN) (Conforming To Existing At Site) 6208-2Z/C3	2	No's				
111	Bearings (Make SKF/NTN) (Conforming To Existing At Site) 6209-2Z/C3	2	No's				
112	Bearings (Make SKF/NTN) (Conforming To Existing At Site) 6211-2Z/C3	2	No's				
113	Bearings (Make SKF/NTN) (Conforming To Existing At Site) 6212-Z/C3	2	No's				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
114	Bearings (Make SKF/NTN) (Conforming To Existing At Site) 6213-Z/C3	2	No's				
115	Bearings (Make SKF/NTN) (Conforming To Existing At Site) 6215-Z/C3	2	No's				
116	Bearings (Make SKF/NTN) (Conforming To Existing At Site) 6311-ZZ	2	No's				
117	Bearings (Make SKF/NTN) (Conforming To Existing At Site) 6300-Z/C3	2	No's				
118	Bearings (Make SKF/NTN) (Conforming To Existing At Site) 6301-Z/C3	2	No's				
119	AHU Bearings (Make SKF/NTN) (Conforming To Existing At Site) YET - 205	2	No's				
120	AHU Bearings (Make SKF/NTN) (Conforming To Existing At Site) YET - 206	2	No's				
121	AHU Bearings (Make SKF/NTN) (Conforming To Existing At Site) YET - 207	2	No's				
122	AHU Bearings (Make SKF/NTN) (Conforming To Existing At Site) YET - 208	2	No's				
123	AHU Bearings (Make SKF/NTN) (Conforming To Existing At Site) YET - 209	2	No's				
124	AHU Bearings (Make SKF/NTN) (Conforming To Existing At Site) YET - 210	2	No's				
125	E O C R (Make: Schneider) (Conforming To Existing At Site) 0.5 to 6-Amp	2	No's				
126	Motorize Valve (Make: Honeywell/Hailin) (Conforming To Existing At Site) 3/4"	4	No's				
127	Magnetic Contactor With Auxiliary Contact TC-22 (Conforming To Existing At Site) 32 Amp	2	No's				
128	E O C R (Make: Schneider) (Conforming To Existing At Site) 5 - 70 Amp	2	No's				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
129	Timer TUBN 8-Pin (Make: Fotek) (Conforming To Existing At Site) 8-Pin	2	No's				
130	Timer Multi Min to Sec 8-pin (Make: Fotek) (Conforming To Existing At Site) Min to Sec 8-pin	2	No's				
131	Auto/Off/Manual Selector Switch (Make: Comsco) (Conforming To Existing At Site)	2	No's				
132	Relay 8-pin (Conforming To Existing At Site) 24-VDC	2	No's				
133	Relay 8-pin (Conforming To Existing At Site) 220-VAC	2	No's				
134	Float Valve (Conforming To Existing At Site) 1"	2	No's				
135	Wire 3,Core 110/76 Flexible 90,Meter Coil Pakistan Cable (Copper) (Conforming To Existing At Site) 110/76	2	Coil				
136	Wire 3,Core Flexible 90,Meter Coil Pakistan Cable (Copper) (Conforming To Existing At Site) 1.5mm	2	Coil				
137	Power Supply For VFD Fan (Conforming To Existing At Site) 24vdc	2	No's				
138	VFD Fan 4" (Conforming To Existing At Site) 24vdc	2	No's				
139	Rowel Bolt 10mm (Conforming To Existing At Site) 10mm	40	No's				
140	Thermal Overload (Conforming To Existing At Site) 10 Amp to 13 Amp	2	No's				
141	Thermal Overload (Conforming To Existing At Site) 12 Amp to 16 Amp	2	No's				
142	AHU Blower Motor (Make: Alliance Induction) 3-Phase REWINDING (Conforming To Existing At Site) 1.1 kw	2	No's				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
143	AHU Blower Motor (Make: Alliance Induction) 3-Phase REWINDING (Conforming To Existing At Site) 1.5 kw	2	No's				
144	AHU Blower Motor (Make: Alliance Induction) 3-Phase REWINDING (Conforming To Existing At Site) 2.2 kw	2	No's				
145	AHU Blower Motor (Make: Alliance Induction) 3-Phase REWINDING (Conforming To Existing At Site) 3.0 kw	2	No's				
146	AHU Blower Motor (Make: Alliance Induction) 3-Phase REWINDING (Conforming To Existing At Site) 4.0 kw	2	No's				
147	AHU Blower Motor (Make: Alliance Induction) 3-Phase REWINDING (Conforming To Existing At Site) 5.5 kw	2	No's				
148	AHU Blower Motor (Make: Alliance Induction) 3-Phase REWINDING (Conforming To Existing At Site) 7.5 kw	2	No's				
149	Fan Coil Unit Blower Motor REWINDING (Conforming To Existing At Site) 380-Watt	2	No's				
150	VRV Condenser Fan Blower Motor REWINDING (Conforming To Existing At Site)	1	No's				
151	Wall Mounted Fan Coil Unit 1.5-ton (Conforming To Existing At Site)	1	No's				
152	Hanging Mounted Fan Coil Unit 2.0-ton (Conforming To Existing At Site)	1	Set's				
153	Ceiling Mounted Fan Coil Unit 4.0-ton (Conforming To Existing At Site)	1	Set's				
154	Cooling Coil / Evaporator Coil Wall Mounted Fan Coil Unit Make: MAQUAY (Conforming To Existing At Site)	1	No's				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
155	Cooling Coil / Evaporator Coil Hanging Mounted Fan Coil Unit Make: MAQUAY (Conforming To Existing At Site)	1	No's				
156	Cooling Coil / Evaporator Coil Ceiling Mounted Fan Coil Unit Make: MAQUAY (Conforming To Existing At Site)	1	No's				
157	Cooling Coil / Evaporator Fresh Air Handling Unit Make: Climatech (Conforming To Existing At Site)	1	No's				
158	Fisher (Conforming To Existing At Site) 10mm	24	No's				
159	Fisher (Conforming To Existing At Site) 12mm	24	No's				
160	Dura Duct PVC / Per Length 10Feet's (Conforming To Existing At Site) 60 X 60	20	Feet's				
161	Dura Duct PVC / Per Length 10Feet's (Conforming To Existing At Site) 90 X 90	20	Feet's				
162	Glass Whole 2" Thickness 1.2m Width High Density Aluminum Foil/ Kraft Laminate Facing(FSK) 45 Meter Roll (Make: KIMMCO) (Conforming To Existing At Site) 45 Meter	2	Roll				
163	Teflon Tape (Conforming To Existing At Site)	50	No's				
164	Duct Sealer Solution (Conforming To Existing At Site) 5 Kg	1	Gallon				
165	Thread Rod(Conforming To Existing At Site) 10mm/2meter	5	Meter				
166	Nut With Washer (Conforming To Existing At Site) 10mm	1	KG				
167	Thread Rod(Conforming To Existing At Site) 12mm/2meter	2	Meter				
168	Nut With Washer (Conforming To Existing At Site) 12mm	2	KG				
169	GI Sheet For Ducting 26 Gauge (Conforming To Existing At Site) 26 Gauge	100	KG				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
170	GI Sheet For Cladding 24 Gauge (Conforming To Existing At Site) 24 Gauge	100	KG				
171	Cable Tie 8" (Conforming To Existing At Site) 8"	2	Packet				
172	Cable Tie 10" (Conforming To Existing At Site) 10"	2	Packet				
173	Cable Tie 12" (Conforming To Existing At Site) 12"	2	Packet				
174	Jubilee Clamp 1/2" SS (Conforming To Existing At Site) 1/2"	12	No's				
175	Jubilee Clamp 3/4" SS (Conforming To Existing At Site) 3/4"	12	No's				
176	Jubilee Clamp 1" SS (Conforming To Existing At Site) 1"	12	No's				
177	Jubilee Clamp 2" SS (Conforming To Existing At Site) 2"	12	No's				
178	WD-40 330ml (Conforming To Existing At Site) 330 ML	20	No's				
179	CRC 300ml (Conforming To Existing At Site) 300 ML	20	No's				
180	Emery Paper (Conforming To Existing At Site) 0 - No	12	No's				
181	Emery Paper (Conforming To Existing At Site) 0.5 No	12	No's				
182	Emery Paper (Conforming To Existing At Site) 1.0 No	12	No's				
183	Emery Paper (Conforming To Existing At Site) 1.5 No	12	No's				
184	Emery Paper (Conforming To Existing At Site) 2.0 No	12	No's				
185	Aero Flux Sheet 1x4x6 Feet (Conforming To Existing At Site) 1"Tx4"Wx10L/Meter	3	No's				
186	Vacuum Pump Oil (Make: Robin Air) (Conforming To Existing At Site) 3.75 Litre	5	Gallon				
187	Paint Brush 2" (Conforming To Existing At Site) 2"	6	No's				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
188	Paint Brush 3" (Conforming To Existing At Site) 3"	6	No's				
189	Paint Brush 4" (Conforming To Existing At Site) 4"	6	No's				
190	Mixing Oil Superior Quality (Conforming To Existing At Site) 10 - Litre	2	Cane				
191	Thinner Superior Quality (Conforming To Existing At Site) 10 - Litre	2	Cane				
192	Epoxy Grey Paint (Make: ICI) (Conforming To Existing At Site) 3.75 Litre	2	Gallon				
193	Yellow Paint (Make: ICI) (Conforming To Existing At Site) 3.75 Litre	2	Gallon				
194	Blue Oxford Paint (Make: ICI) (Conforming To Existing At Site) 3.75 Litre	2	Gallon				
195	Gray Dark Paint (Make: ICI) (Conforming To Existing At Site) 3.75 Litre	2	Gallon				
196	Gray Smoke Paint (Make: ICI) (Conforming To Existing At Site) 3.75 Litre	2	Gallon				
197	Blue Comet Paint (Make: ICI) (Conforming To Existing At Site) 3.75 Litre	2	Gallon				
198	Black Paint (Make: ICI) (Conforming To Existing At Site) 3.75 Litre	2	Gallon				
199	Sea Green Paint (Make: ICI) (Conforming To Existing At Site) 3.75 Litre	2	Gallon				
200	White Paint (Make: ICI) (Conforming To Existing At Site) 3.75 Litre	2	Gallon				
201	Red Oxide Paint (Make: ICI) (Conforming To Existing At Site) 3.75 Litre	2	Gallon				
202	Anti-Fungus Paint With Mixing Oil (Make: Comex) (Conforming To Existing At Site) 11 Litre	2	Cane				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
203	Garden Pipe 1" High Pressure (Conforming To Existing At Site) 1"	20	Feet's				
204	Duct Tape (Make: Abro Premium Foil) 2" (Conforming To Existing At Site) 2"	20	No's				
205	Insulation Tape 2" (Black) (Conforming To Existing At Site) 2"	20	No's				
206	Pvc Tape Red (Make: Nito) (Conforming To Existing At Site) 3/4"	20	No's				
207	Pvc Tape Yellow (Make: Nito) (Conforming To Existing At Site) 3/4"	20	No's				
208	Pvc Tape Black (Make: Nito) (Conforming To Existing At Site) 3/4"	20	No's				
209	Flux (Conforming To Existing At Site) 227 Grams	2	Tin				
210	Silicon Tube Clear RTV (Conforming To Existing At Site) 300ml	25	No's				
211	Cementex Solution NT-80 (Conforming To Existing At Site) 1 Kg	6	kg				
212	Pop Rivet (Conforming To Existing At Site) 1.5mm	1	Box				
213	Pop Rivet (Conforming To Existing At Site) 2mm	1	Box				
214	Pop Rivet (Conforming To Existing At Site) 3mm	1	Box				
215	Pop Rivet (Conforming To Existing At Site) 4mm	1	Box				
216	White Spray Paint (Conforming To Existing At Site) 400 - CC	2	Cane				
217	Black Spray Paint (Conforming To Existing At Site) 400 - CC	2	Cane				
218	Epoxy Solution Fins Pasting with Hardner (Conforming To Existing At Site) 5 Kg	2	Cane				
219	Foam Spray (Conforming To Existing At Site) 400 - CC	2	Cane				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
220	Chilled Water Pipe Insulation Cloth (Conforming To Existing At Site) 100 Meter	2	Roll				
221	Craft Paper Chilled Water Pipe Insulation (Conforming To Existing At Site)	2	Roll				
222	Glue For Pasting Chilled Water Pipe Insulation Cloth (Conforming To Existing At Site) 50kg/Drum	2	Drum				
223	U-Pvc Pipe Solution (Make: EZ-Weld US) (Conforming To Existing At Site) 0.24 Liter	2	Cane				
224	High-Temp Red Silicone Sealant (Make: Magic) (Conforming To Existing At Site) 20 Grams	2	Tube				
225	Steel Nail (Conforming To Existing At Site) 1"	2	Box				
226	Steel Nail (Conforming To Existing At Site) 1-1/2"	2	Box				
227	Temperature Gauges 6" Length 1/2" (Make: WEISS Instruments) (Conforming To Existing At Site) 0 to 60 Celsius	2	No's				
228	Temperature Gauges 4" Length 1/2" (Make: WEISS Instruments) (Conforming To Existing At Site) 0 to 60 Celsius	2	No's				
229	Pressure Gauges Liquid Fill 4" Dia 1/2" (Make: WEISS Instruments) (Conforming To Existing At Site) 0 to 160 Psi	2	No's				
230	Pressure Gauges Liquid Fill 2" Dia 1/2" (Make: WEISS Instruments) (Conforming To Existing At Site) 0 to 60 Psi	2	No's				
231	Gauge Cocks (Make: WEISS Instruments) (Conforming To Existing At Site) BTC-14 1/2"	2	No's				
232	Pressure Measure Nozzle Balancing Valve (Conforming To Existing At Site)	2	Set's				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
233	High Pressure Switch Changzhou Match Well 250v 3.0/2.4mpa (For Standing Ac) (Conforming To Existing At Site) 250v 3.0/2.4mpa	2	No's				
234	Low Pressure Switch Changzhou Match Well 250v 0.05/0.15mpa (For Standing Ac) (Conforming To Existing At Site) 250v 0.05/0.15mpa	2	No's				
235	Service Shut Off Valve (Make: Alco Controls/ Denfoss/Castel) (Conforming To Existing At Site) 5/8"	2	No's				
236	Solenoid Valve Coil With Assembly Threaded (Conforming To Existing At Site) 220/10-15watt 3/8"	2	No's				
237	Service Shut Off Valve (Make: Alco Controls/ Denfoss/Castel) (Conforming To Existing At Site) 3/4"	2	No's				
238	Universal Circuit Card For Controlling (Conforming To Existing At Site)	2	No's				
239	Phase Monitor (Conforming To Existing At Site)	2	No's				
240	Drain Line Pump For Cassette Type Unit (Conforming To Existing At Site)	2	No's				
241	Variable Frequency Drive (Make: Schneider ATV-212) (As per existing at SMBBIT) 45 Kw	1	No's				
242	Variable Frequency Drive (Make: Schneider) (As per existing at SMBBIT) 11 Kw	1	No's				
243	Variable Frequency Drive (Make: Schneider) (As per existing at SMBBIT) 18 Kw	1	No's				
244	Duct Type Temperature Sensor With Polycarp Enclosure Air Temperature (Make: Mamac) (Conforming To Existing At Site) TE-702-A-X	2	No's				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
245	Immersion Temperature Sensor With Polycarp Enclosure (Make: Mamac) (Conforming To Existing At Site) TE-703-B-X	6	No's				
246	Sensor With Set point, Override & Controller Mode Function With Remote (Make: Schneider) (Conforming To Existing At Site) MN-S4	1	No's				
247	Sensor With Set point, Override & Controller Mode Function With Remote (Make: Schneider) (Conforming To Existing At Site) MNS4-HT	2	No's				
248	Digital Thermostat STC 8080-H (Cooling/Defrosting) (Conforming To Existing At Site)	3	No's				
249	Digital Thermostat STC 100 (Cooling) (Conforming To Existing At Site)	3	No's				
250	BACnet DDC Controller (Make: Schneider) (Conforming To Existing At Site) MNB-300	1	No's				
251	BACnet DDC Controller (Make: Schneider) (Conforming To Existing At Site) MNB-70	1	No's				
252	Chilled Water Actuator (Make: Schneider) (Conforming To Existing At Site) VS-2213-841-9-85	1	No's				
253	Variable Frequency Drive (Make: Vacon Flow/Schneider) (Conforming To Existing At Site) 6 Kw	1	No's				
254	Damper Actuator (Conforming To Existing At Site)	1	No's				
255	Shaungliang Chiller LCD Repairing (Conforming To Existing At Site)	1	No's				
256	Analog Terminal (Make: OMRON) (Conforming To Existing At Site) DA04	1	No's				

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257	Flame Sensor (Conforming To Existing At Site) AM06060108	1	No's				
258	Platinum Resistor (Conforming To Existing At Site) AM08050153	1	No's				
259	Platinum Resistor (Conforming To Existing At Site) AM08050154	1	No's				
260	Corrugation Pipe O Ring (Conforming To Existing At Site) AM21990314	1	No's				
261	Platinum Resistor (Conforming To Existing At Site) AM08050155	1	No's				
262	Expansion Card AM08030005 (Conforming To Existing At Site) AM08030005	1	No's				
263	Leakage Detector AM06060026 (Conforming To Existing At Site) AM06060026	1	No's				
264	Air Pressure Switch AM06060109 (Conforming To Existing At Site) AM06060109	1	No's				
265	High Vacuum Valve DN-25 Complete DN-25	1	No's				
266	35 Auto Purging Unit Solenoid Valve AM07140023 (Conforming To Existing At Site) AM07140023	1	No's				
267	Pressure Sensor/ Transducer	1	No's				
268	Inverter ATV32055N4B AM08090148 (Conforming To Existing At Site) ATV32055N4B 5.5kw	1	No's				
269	Inverter (Conforming To Existing At Site) ATV312 5.5kw	1	No's				
270	Servomotor AM20050165 (Conforming To Existing At Site) AM20050165	1	No's				
271	ULVAC Vacuum Pump AM20050165 (Conforming To Existing At Site) AM20050165	1	No's				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
272	S Burner Programmer (Model LFL 1.333) (Conforming To Existing At Site) 50 - 60Hz 3.5VA (Siemens)	1	No's				
273	Analog Terminal (Make: OMRON) (Conforming To Existing At Site) DRT2-DA02	1	No's				
274	Analog Terminal (Make: OMRON) (Conforming To Existing At Site) DRT2-AD04	1	Set's				
275	Temperature Input Terminal (Make: OMRON) (Conforming To Existing At Site) DRT2-TS04P	1	Set's				
276	Space Unit OMRON (Conforming To Existing At Site) C200H-SP001	1	Set's				
277	Power Supply Unit OMRON (Conforming To Existing At Site) C200HW-PA204S	1	No's				
278	INPUT Unit OMRON (Conforming To Existing At Site) C200H-ID212 24v DC 7mA	1	No's				
279	OUTPUT Unit OMRON (Conforming To Existing At Site) C200H-0C225 250Vac/24vDC/2A	1	No's				
280	Compo Bus/D Master Unit OMRON (Conforming To Existing At Site) C200HW-DRM21-V1	1	No's				
281	CPU Unit OMRON (Conforming To Existing At Site) C200HE-CPU42-E	1	No's				
282	Power Supply Schneider (Conforming To Existing At Site) 24vDC 3A 72w	1	No's				
283	Float Less Level Switch OMRON (Conforming To Existing At Site) 61F-GP-N 220vAC 3.5vA	1	No's				
284	Relay OMRON (Conforming To Existing At Site) MY2N-CR-J 220/240vAC	1	No's				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
285	Expansion Port Red Lion Model: DSP M43234	1	No's				
286	Programmable Controller OMRON (Conforming To Existing At Site) C200HE-CPU42	1	No's				
287	Filling Fins A & B Set A Side L-77.5" x W-20" / B Side L-77.5" x W-20"	1	No's				
288	Filling Fins A & B Set A Side L-65.5" x W-20" / B Side L-65.5" x W-20"	1	No's				
289	Filling Fins A & B Set A Side L-19" x W-20" / B Side L-19" x W-20"	1	No's				
290	Fan Blade Repairing For Cooling Tower (Conforming To Existing At Site)	1	No's				
291	MS Angle (Conforming To Existing At Site) 2" x 2" x 5mm	1	Kg				
292	MS U Channel (Conforming To Existing At Site) 2" x 4" x 5mm	1	Kg				
293	MS Iron Rod (Conforming To Existing At Site) 12mm	1	Kg				
294	SS Rod (Conforming To Existing At Site) 8mm	1	Kg				
295	MS Pipe (Conforming To Existing At Site) 1"x20'	1	Feet's				
296	MS Pipe (Conforming To Existing At Site) 3"x10'	1	Feet's				
297	MS Strip (Conforming To Existing At Site) 1-1/2" x 5mm	1	Kg				
298	Bolt SS (Conforming To Existing At Site) 10mm	1	No's				
299	Nut SS (Conforming To Existing At Site) 10mm	1	No's				
300	Bolt SS (Conforming To Existing At Site) 8mm	1	No's				
301	Nut SS (Conforming To Existing At Site) 8mm	1	No's				
302	GI Cable Tray With Cover (Conforming To Existing At Site) 15" x 2" 2mm	1	Kg				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
303	GI Cable Tray With Cover (Conforming To Existing At Site) 12" x 2" 2mm	1	Kg				
304	GI Cable Tray With Cover (Conforming To Existing At Site) 10" x 2" 2mm	1	Kg				
305	GI Cable Tray With Cover (Conforming To Existing At Site) 8" x 2" 2mm	1	Kg				
306	Mechanical Seal Condenser Water Pump (Make: KSB) (Conforming To Existing At Site) G-13 48mm	1	No's				
307	Pump Rubber Coupling Condenser Pump (Make: KSB) (Conforming To Existing At Site) DPC-160	1	No's				
308	Pump Rubber Coupling Primary Pump (Make: KSB) (Conforming To Existing At Site) DPC-160	1	No's				
309	Coupling (Make: KSB) (Conforming To Existing At Site)	1	No's				
310	HEPA Filter H-14 LAM-14 (size: 90x914x610mm) For FA-AHU's (Conforming To Existing At Site) 90x914x610mm	1	No's				
311	HEPA Filter H-14 LAM-14 (size: 90x914x914mm) For FA-AHU's (Conforming To Existing At Site) 90x914x914mm	1	No's				
312	G-4 Aluminum Cleanable Filter (size: 592x592x048mm) For AHU's (Conforming To Existing At Site) 592x592x048mm	1	No's				
313	G-4 Aluminum Cleanable Filter (size: 592x287x048mm) For AHU's (Conforming To Existing At Site) 592x287x048mm	1	No's				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
314	P3 Duct Sheet Aluminum Foil Coated Length 4000mm Width: 1200mm Thick: 20.5mm (Make: P3-Preinsulated Panels System) (Conforming To Existing At Site) 4000mm X 1200mm	1	No's				
315	Flexible Duct Connector (Make: Dura Dyne) 6" / 100feet's	1	No's				
316	Flexible Duct Connector (Make: Dura Dyne) 10" / 50feet's	1	No's				
317	Canvas Cloth Connection (Conforming To Existing At Site) 4' W	2	Feet's				
318	Supply Air Diffuser With Damper Aluminum fabricated, Powder coated (Conforming To Existing At Site) 24" x 24"	2	No's				
319	Supply Air Diffuser With Damper Aluminum fabricated, Powder coated (Conforming To Existing At Site) 12" x 12"	2	No's				
320	Return Air Grill With Damper Aluminum fabricated, Powder coated (Conforming To Existing At Site) 24" x 24"	1	No's				
321	Return Air Grill With Damper Aluminum fabricated, Powder coated (Conforming To Existing At Site) 12" x 24"	1	No's				
322	Insulation Chilled Water Pipe Aluminum Foil Coated(Conforming To Existing At Site) 3/4" X 2'	1	No's				
323	Insulation Chilled Water Pipe Aluminum Foil Coated (Conforming To Existing At Site) 1" X 2'	1	No's				
324	Insulation Chilled Water Pipe Aluminum Foil Coated (Conforming To Existing At Site) 1-1/2" X 2'	1	No's				
325	Insulation Chilled Water Pipe Aluminum Foil Coated (Conforming To Existing At Site) 2" X 2'	1	No's				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
326	Insulation Chilled Water Pipe Aluminum Foil Coated (Conforming To Existing At Site) 2-1/2 X 2'	1	No's				
327	Insulation Chilled Water Pipe Aluminum Foil Coated (Conforming To Existing At Site) 3" X 2'	1	No's				
328	Insulation Chilled Water Pipe Aluminum Foil Coated (Conforming To Existing At Site) 4" X 2'	1	No's				
329	Media Filter Sheet Use For FA-AHU's 1" Thickness 4 Ft Width 20 Meter Length (Conforming To Existing At Site) 20-Meter	8	Roll				
330	Media Filter Sheet Use For FA-AHU's 2" Thickness 4 Ft Width 20 Meter Length (Conforming To Existing At Site) 20-Meter	1	Roll				
	ELECTRICAL & GENERATOR ITEMS						
331	LED Smart Panel 2'*2', 40W, 50 HZ, SMD LED, IP 40, 0.9 PF, Beam Angle 120°, 6500K, 4000 Lumens, OSAKA or equivalent (Conforming To Existing At Site)	100	No's				
332	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 (Conforming To Existing At Site)	30	No's				
333	LED Smart Panel 1'*4', 40W, 50 HZ, SMD LED, IP 40, 0.9 PF, Beam Angle 120°, 6500K, 4000 Lumens, OSAKA or equivalent (Conforming To Existing At Site)	100	No's				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
334	LED Bulb 12.5W, 50 HZ, SMD LED, E27 base, 0.9 PF, Beam Angle 130°, 1200 Lumens, 6000K, OSAKA or equivalent (Conforming To Existing At Site)	1000	No's				
335	Jumbo Ceiling Bulb Holder Threaded type, E27 base (Conforming To Existing At Site)	500	No's				
336	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 (Conforming To Existing At Site)	200	No's				
337	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 (Conforming To Existing At Site)	250	No's				
338	LED Dust Proof Light 40W, 50 HZ, SMD LED, IP 50, 0.9 PF, 4000 Lumens, Beam Angle 100°, 6500K, OSAKA or equivalent (Conforming To Existing At Site)	200	No's				
339	LED Dust Proof Light 20W, 50 HZ, SMD LED, IP 50, 0.9 PF, 2000 Lumens, Beam Angle 100°, 6500K, OSAKA or equivalent (Conforming To Existing At Site)	150	No's				
340	High Bay LED 100W, 50 Hz, COB LED, IP 65, Die-Casting Aluminum material, OSAKA or equivalent, 5300K (Conforming To Existing At Site)	10	No's				
341	Tempo Light 400 Tempo light 400W Philips or equivalent (Conforming To Existing At Site)	10	No's				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
342	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. (Conforming To Existing At Site)	1	No's				
343	T8 LED Tube with Batten 18W, 50 Hz, SMD LED, IP 50, OSAKA or equivalent, 6000K (Conforming To Existing At Site)	150	No's				
344	LED Flat Panel Light Round shape, 7W, 50 Hz, SMD LED, IP 40, 0.9 PF, size 112mm cut out 75mm, 6500K, 1620 Lumens, OSAKA or equivalent (Conforming To Existing At Site)	250	No's				
345	LED SMD Flood Light 250W, 50 Hz, SMD LED, IP 65, Aluminum material, OSAKA or equivalent, 5700K (Conforming To Existing At Site)	30	No's				
346	Ultra Violet Tube Light 2' length, for use in insect killers, Philips or equivalent (Conforming To Existing At Site)	500	No's				
347	S2 Starter 4-65W, 220V, for use in insect killers with above UV light, Philips or equivalent (Conforming To Existing At Site)	500	No's				
348	Transformer O/P volt 2200 o/p current 7mA power 3w (Conforming To Existing At Site)	50	No's				
349	36W/40W choke Electronic Type, works without the need of starter (Conforming To Existing At Site)	100	No's				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
350	3-pin plug/shoe 13A rating, Clipsal/ABC/Aqua or equivalent (Conforming To Existing At Site)	250	Nos.				
351	3-pin plug/shoe 20A rating, Clipsal/JPi/Aqua or equivalent (Conforming To Existing At Site)	250	Nos.				
352	Multi Usage Clamp Amp/Volt Meter AC Voltage : 4V-600V DC Voltage: 400mV-40V AC Current: 4A-400A (Conforming To Existing At Site)	1	Nos.				
353	Rawl Bolt M6, 6*55mm (Conforming To Existing At Site)	150	Nos.				
354	Rawl Bolt M8, 8*65mm (Conforming To Existing At Site)	150	Nos.				
355	Rawl Bolt M10, 10*75mm (Conforming To Existing At Site)	150	Nos.				
356	Rawl Bolt M12, 12*105mm (Conforming To Existing At Site)	150	Nos.				
357	2-pin plug/shoe 10A rating, Clipsal/Jeko/Aqua or equivalent (Conforming To Existing At Site)	200	Nos.				
358	Electrical Blank Sheet Square shaped (Conforming To Existing At Site)	300	Nos.				
359	Cable Ties 100mm- (Conforming To Existing At Site)	20	packet				
360	Cable Ties 200mm- (Conforming To Existing At Site)	20	packet				
361	Cable Ties 300mm- (Conforming To Existing At Site)	20	packet				
362	3-pin Power Socket Sheet 20A, 250V rating, 7 in 1, Shanghai China (Conforming To Existing At Site)	20	box				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
363	3-pin Multi Plug Sheet 13A, 220V, 1 gang, 3Pin Universal, Schneider Vivace (Conforming To Existing At Site)	50	Box				
364	PVC Tape Red Color Local-Electrical Tape (Conforming To Existing At Site)	20	Roll				
365	PVC Tape Yellow Color Local-Electrical Tape (Conforming To Existing At Site)	20	Roll				
366	PVC Tape Blue Color Local-Electrical Tape (Conforming To Existing At Site)	20	Roll				
367	PVC Tape Black Color Local-Electrical Tape (Conforming To Existing At Site)	20	Roll				
368	PVC Tape Green Color Local-Electrical Tape (Conforming To Existing At Site)	20	Roll				
369	PVC Pipe 1" PVC local pipe (Conforming To Existing At Site)	1000	ft.				
370	PVC Pipe 1.5" PVC Local pipe (Conforming To Existing At Site)	100	ft.				
371	PVC Pipe 2" PVC Local pipe (Conforming To Existing At Site)	250	ft.				
372	PVC Channel Duck 1" PVC Channel Duck (Conforming To Existing At Site)	1000	ft.				
373	PVC Saddle 1" PVC local (Conforming To Existing At Site)	6	dozen				
374	PVC Saddle 1.5" PVC local (Conforming To Existing At Site)	6	dozen				
375	PVC Pipe Flex 1" PVC local pipe (Conforming To Existing At Site)	250	ft.				
376	PVC Pipe Flex 1.5" PVC Local pipe (Conforming To Existing At Site)	250	ft.				
377	PVC Pipe Flex 2" PVC Local pipe (Conforming To Existing At Site)	250	ft.				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
378	Wooden plank/Gitti local (Conforming To Existing At Site)	300	packet				
379	Wooden Cut Screw 4mmx3/4", Adam Jee (Conforming To Existing At Site)	10	Box				
380	Wooden Cut Screw 6mmx3/4", Adam Jee (Conforming To Existing At Site)	10	Box				
381	Wooden Cut Screw 6mmx1", Adam Jee (Conforming To Existing At Site)	10	Box				
382	Wooden Cut Screw 8mmx1", Adam Jee (Conforming To Existing At Site)	10	Box				
383	Wooden Cut Screw 8mmx1.5", Adam Jee (Conforming To Existing At Site)	10	Box				
384	Wooden Cut Screw 8mmx2", Adam Jee (Conforming To Existing At Site)	10	Box				
385	Wooden Cut Screw 8mmx3", Adam Jee (Conforming To Existing At Site)	10	Box				
386	Cut Screw 8mmx1" (Conforming To Existing At Site)	10	Box				
387	Cut Screw 8mmx1.5" (Conforming To Existing At Site)	10	Box				
388	Cut Screw 2" (Conforming To Existing At Site)	15	Box				
389	Cut Screw 3" (Conforming To Existing At Site)	15	Box				
390	Steel Nails 1" (Conforming To Existing At Site)	10	Box				
391	Steel Nails 2" (Conforming To Existing At Site)	10	Box				
392	Steel Nails 3" (Conforming To Existing At Site)	10	Box				
393	Halogen bulb for Tempo Light 400W Halogen bulb 400W (Conforming To Existing At Site)	48	Nos.				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
394	Capacitor for Tempo light 35uF (Philips) Capacitor 35uF/25uF-50/60Hz (Philips) (Conforming To Existing At Site)	60	Nos.				
395	Holder for tempo light 400W Ceramic Holder for 400W (Conforming To Existing At Site)	48	Nos.				
396	Spray Paint Color (Db color light grey) (Conforming To Existing At Site)	25	Bottle				
397	PVC Connector 60A local (Conforming To Existing At Site)	30	Box				
398	PVC Back box local as per sample (Conforming To Existing At Site)	300	Nos				
399	PVC Connector 15A Local (Conforming To Existing At Site)	10	box				
400	Fuses with base RO15-2 Amp 10x38, Siemens or equivalent make (Conforming To Existing At Site)	1	Nos				
401	Fuses with base 10 Amp Siemens or equivalent make (Conforming To Existing At Site)	15	Nos				
402	UVT for ACB Schneider as per sample (Conforming To Existing At Site)	2	Nos				
403	UVT for ACB terasaki as per sample (Conforming To Existing At Site)	2	Nos				
404	Teraski Breaker Tp-S250Amp-NJ	3	Nos				
405	3P- Breaker 630A(Terasaki/ABB)	2	Nos				
406	3P- Breaker 1000A(Terasaki/ABB)	2	Nos				
407	Phase Sequence Relay with allied accessories, if any 415V, V3-12-B, EMIREL or equivalent (Conforming To Existing At Site)	4	Nos.				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
408	Voltage Relay 415V, EVR-415V / EVR-PD, SUMWAHA (Conforming To Existing At Site)	4	Nos.				
409	Timer with base 220VAC , PM4H-S-H, PANASONIC or equivalent (Conforming To Existing At Site)	10	Nos.				
410	Phase Indication Lights Yellow color (Conforming To Existing At Site)	1	Box				
411	Phase Indication Lights red color (Conforming To Existing At Site)	25	Box				
412	Phase Indication Lights green color (Conforming To Existing At Site)	25	Box				
413	Phase Indication Lights blue color (Conforming To Existing At Site)	25	Box				
414	Power Relay with base 220 VAC, 14-Pin, 55.34, FINDER or equivalent (Conforming To Existing At Site)	1	Nos.				
415	Digital Amp meter 3-phase 415V-220V 3-phase Tense/equivalent (Conforming To Existing At Site)	10	Nos				
416	Digital Volt meter 3-phase 415V-220V 3-phase Tense/equivalent (Conforming To Existing At Site)	10	Nos				
417	TP-Contactor (AC-3) with allied accessories 85A, TC-85a, TERASAKI/ABB/SCHNEIDER (Conforming To Existing At Site)	10	Nos.				
418	Change over switch Selector switch 3 way (Camcos or equivalent) (Conforming To Existing At Site)	5	Nos.				
419	relay with base 14-pin finder or equivalent (Conforming To Existing At Site)	10	box				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
420	Exhaust Fan 6" or equivalent as per sample (Conforming To Existing At Site)	25	Nos				
421	Push button press button type (Conforming To Existing At Site)	15	Nos.				
422	1C-1.5mm2 cable PAKISTAN CABLES (Red Color) (Conforming To Existing At Site)	40	Coil of 90 Mtrs.				
423	1C-1.5mm2 cable PAKISTAN CABLES (Black Color) (Conforming To Existing At Site)	40	Coil of 90 Mtrs.				
424	1C-1.5mm2 Earth cable PAKISTAN CABLES (Green Color) (Conforming To Existing At Site)	20	Coil of 90 Mtrs.				
425	1C-2.5mm2 cable PAKISTAN CABLES (Red Color) (Conforming To Existing At Site)	26	Coil of 90 Mtrs.				
426	1C-2.5mm2 cable PAKISTAN CABLES (Black Color) (Conforming To Existing At Site)	26	Coil of 90 Mtrs.				
427	1C-2.5mm2 Earth cable PAKISTAN CABLES (Green Color) (Conforming To Existing At Site)	8	Coil of 90 Mtrs.				
428	1C-4mm2 cable PAKISTAN CABLES (Red Color) (Conforming To Existing At Site)	15	Coil of 90 Mtrs.				
429	1C-4mm2 cable PAKISTAN CABLES (Black Color) (Conforming To Existing At Site)	15	Coil of 90 Mtrs.				
430	1C-4mm2 Earth cable PAKISTAN CABLES (Green Color) (Conforming To Existing At Site)	6	Coil of 90 Mtrs.				
431	1C-6mm2 cable PAKISTAN CABLES (Red Color) (Conforming To Existing At Site)	10	Coil of 90 Mtrs.				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
432	1C-6mm2 cable PAKISTAN CABLES (Black Color) (Conforming To Existing At Site)	10	Coil of 90 Mtrs.				
433	1C-6mm2 cable PAKISTAN CABLES (Green Color) (Conforming To Existing At Site)	6	Coil of 90 Mtrs.				
434	1C-10mm2 cable PAKISTAN CABLES (Red Color) (Conforming To Existing At Site)	2	Coil of 90 Mtrs.				
435	1C-10mm2 cable PAKISTAN CABLES (Black Color) (Conforming To Existing At Site)	2	Coil of 90 Mtrs.				
436	2C-1.5mm2 cable PAKISTAN CABLES (Conforming To Existing At Site)	35	Coil of 90 Mtrs.				
437	2C-2.5mm2 cable PAKISTAN CABLES (Conforming To Existing At Site)	10	Coil of 90 Mtrs.				
438	3C-1.5mm2 cable PAKISTAN CABLES (Conforming To Existing At Site)	10	Coil of 90 Mtrs.				
439	3C-2.5mm2 cable PAKISTAN CABLES (Conforming To Existing At Site)	10	Coil of 90 Mtrs.				
440	3C-4mm2 cable PAKISTAN CABLES (Conforming To Existing At Site)	10	Coil of 90 Mtrs.				
441	4C-2.5mm2 cable PAKISTAN CABLES (Conforming To Existing At Site)	3	Coil of 90 Mtrs.				
442	4C-4mm2 cable PAKISTAN CABLES (Conforming To Existing At Site)	3	Coil of 90 Mtrs.				
443	4C-6mm2 cable PAKISTAN CABLES (Conforming To Existing At Site)	3	Coil of 90 Mtrs.				
444	3/.029 Cable PAKISTAN CABLES (Conforming To Existing At Site)	10	Coil of 90 Mtr.				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
445	7/.029 Cable PAKISTAN CABLES (Conforming To Existing At Site)	10	Coil of 90 Mtr.				
446	Volt Meter for Cummins DG set of 1250 kW, Engine # KT-38 33124197-778N (Conforming To Existing At Site)	1	Nos.				
447	Oil Meter + Sender for Cummins DG set of 1250 kW, Engine # KT-38 33124197-778N (Conforming To Existing At Site)	1	Nos.				
448	Oil Pressure Meter Murphy make, for Cummins DG set of 1250 kW, Engine # KT-38 33124197-778N (Conforming To Existing At Site)	1	Nos.				
449	Water Temperature Meter Murphy make, for Cummins DG set of 1250 kW, Engine # KT-38 33124197-778N (Conforming To Existing At Site)	1	Nos.				
450	Oil Pressure gauge Murphy make, for Cummins DG set of 1250 kW, Engine # KT-38 33124197-778N (Conforming To Existing At Site)	1	Nos.				
451	Self-Starter Relay for Cummins DG set of 1250 kW, Engine # KT-38 33124197-778N (Conforming To Existing At Site)	1	Nos.				
452	Generator Batteries AGS Battery 260 Ah (Conforming To Existing At Site)	4	Nos.				
453	12V-20A 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 upto 260Ah (Conforming To Existing At Site)	2	Nos.				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
454	Volt Meter Analog (Conforming To Existing At Site)	1	Nos.				
455	Ammeter Analog (Conforming To Existing At Site)	1	Nos.				
	CIVIL, PLUMBING, PAINT, POLISH & GENERAL ITEMS:						
456	Paint Emulsion kansai (Same existing) 24 Kg each Drum (Conforming To Existing At Site)	10	Nos.				
457	Anti-Fungal Paint kansai (Same existing) 18 Letter. each Drum (Conforming To Existing At Site)	10	Nos.				
458	Distemper kansai (Same existing) 24 Kg each Bucket (Conforming To Existing At Site)	10	Nos.				
459	Anti-Bacterial Paint for O.T (Same exiting) 24 Kg each Drum (Conforming To Existing At Site)	10	Nos.				
460	Wall Putty 5 Kg (Conforming To Existing At Site)	6	Nos.				
461	Primer Big Drum (Conforming To Existing At Site)	6	Nos.				
462	Enamel Paint (Various Colors) 1 Gallon each (Conforming To Existing At Site)	12	Gallon				
463	Warnish ICI 3 Kg each (Conforming To Existing At Site)	10	Kg				
464	Thinner (Super) – (Conforming To Existing At Site)	50	Liter				
465	Tarpen oil – (Conforming To Existing At Site)	50	Liter				
466	Kerosene oil – (Conforming To Existing At Site)	50	Liter				
467	Spirit – (Conforming To Existing At Site)	50	Liter				
468	Red oxide – (Conforming To Existing At Site)	2	Gallon				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
469	Plaster of Paris 3 Kg (Conforming To Existing At Site)	10	bag`s				
470	Emery Paper Chand Tara (Different No.) Different number (Conforming To Existing At Site)	12	Nos.				
471	Dana for Polish Golden Indian – (Conforming To Existing At Site)	20	Kg				
472	Chandrus – (Conforming To Existing At Site)	20	Kg				
473	Belgium Chalk – (Conforming To Existing At Site)	15	Kg				
474	Color for Polish – (Conforming To Existing At Site)	20	Pkt				
475	Sindoor – (Conforming To Existing At Site)	2	Kg				
476	Gauze/ Malmal (Conforming To Existing At Site)	1000	Meter				
477	Cotton waste & Cotton Cloths for Cleaning – (Conforming To Existing At Site)	300	Pkt				
478	Fiber gola material (Same existing) Complete (Conforming To Existing At Site)	25	Kg				
479	Grease Kg (Conforming To Existing At Site)	3	Tin				
480	Glass (Clear) & Frosted 5 mm Sft (Conforming To Existing At Site)	100	Sft				
481	Glass (Clear Tempered) 12mm Sft (Conforming To Existing At Site)	100	Sft				
482	Cement / white 40 Kg (Conforming To Existing At Site)	15	Bags				
483	O.P.C. cement 50 Kg (Conforming To Existing At Site)	20	Bags				
484	Tiles 8" x 8" (same exiting color & quality) 8' x 8' (Conforming To Existing At Site)	50	s.m				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
485	Tiles 16" x 16" (same exiting color & quality) 16' x 16' (Conforming To Existing At Site)	50	s.m				
486	Tiles 24" x 24" (same exiting color & quality) 24' x 24' (Conforming To Existing At Site)	50	s.m				
487	Grouting powder (same exiting color & quality) – (Conforming To Existing At Site)	50	Pkt				
488	Sand Bags (Conforming To Existing At Site)	20	Suzuki				
489	Machine Block 4" x 8 x 12 (Conforming To Existing At Site)	500	Nos.				
490	Machine Block 5"x 8 x 12 (Conforming To Existing At Site)	500	Nos.				
491	Door Frame M.S – (Conforming To Existing At Site)	150	Rft				
492	ER Main Door Locks complete Same as Existing (Conforming To Existing At Site)	5	Pcs				
493	Drawer locks (Conforming To Existing At Site)	30	Pcs				
494	Drawer lock Long head (Conforming To Existing At Site)	50	No.				
495	Drawer locks (2 feet Long) Same as existing (Conforming To Existing At Site)	30	Pcs				
496	Drawer locks (2 feet Long for side tables) Same as existing (Conforming To Existing At Site)	75	Pcs				
497	Wooden door slim dead lock Latch (Wards door) Same as Existing (Conforming To Existing At Site)	10	Pcs				
498	Aluminum Door Dead Lock Same as existing (Conforming To Existing At Site)	30	Pcs				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
499	Round handle lock (Conforming To Existing At Site)	30	Pcs				
500	Wheel for trolley 3" (4 wheel Set) (Conforming To Existing At Site)	10	Set				
501	Wheel for Stretcher 5" (4 wheel Set) (Conforming To Existing At Site)	10	Set				
502	Wheel for Stretcher 6" (4 wheel Set) (Conforming To Existing At Site)	10	Set				
503	Wooden Door Cylinder Brass (Single side key) (Conforming To Existing At Site)	75	Pcs				
504	Wooden Door Cylinder Brass (Double side key) (Conforming To Existing At Site)	25	Pcs				
505	Chanel Patty for table draz (10", 12", 14" , 16") Same as existing. (Conforming To Existing At Site)	60	Pair				
506	Hole Drawer (10" , 12") (Conforming To Existing At Site)	6	Pcs				
507	S.S Book Hinges for cabinets (Conforming To Existing At Site)	10	Length				
508	Door handle Brass (6") Same as existing (Conforming To Existing At Site)	75	No.				
509	Door lock handles Same as existing (Conforming To Existing At Site)	12	Set				
510	Door Lock (Complete) Same as existing (Conforming To Existing At Site)	12	Set				
511	Aluminum Ventilator handle (Conforming To Existing At Site)	50	No.				
512	Epoxy (Conforming To Existing At Site)	2	Kg				
513	Marble Jelly (Conforming To Existing At Site)	2	Kg				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
514	Floor Hinge Machine (4") Same as existing (Conforming To Existing At Site)	5	No.				
515	S.S Dual Action Hinge for O.T doors (6") Same as existing (Conforming To Existing At Site)	10	Pair				
516	Foot Stopper (Conforming To Existing At Site)	10	No.				
517	Towel Bolt (4") Brass (Conforming To Existing At Site)	10	No.				
518	Towel Bolt (6") Brass (Conforming To Existing At Site)	10	No.				
519	Towel Bolt (12") Brass (Conforming To Existing At Site)	12	No.				
520	Door Closer (Conforming To Existing At Site)	10	Nos.				
521	Fiber Gola Same as existing (Conforming To Existing At Site)	100	Rft				
522	Concealed towel bolt Same as existing (Conforming To Existing At Site)	10	Pcs				
523	Chapka Kundi Same as existing (Conforming To Existing At Site)	10	Pcs				
524	Wooden Gatti Big Pkt/ PVC Fisher (Conforming To Existing At Site)	10	Pkt				
525	Glue Mobilac (Conforming To Existing At Site)	10	Kg				
526	Cementex (Conforming To Existing At Site)	10	Kg				
527	Aluminum Ripit ('9/64 , 537) (Conforming To Existing At Site)	2	Box				
528	Frosting Paper (Conforming To Existing At Site)	1000	Sft				
529	Black paper for Glass (Conforming To Existing At Site)	1000	Sft				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
530	False Ceiling Gypsum Foil Coated at different floor of Trauma Center Same as existing. (Conforming To Existing At Site)	1000	Sqft				
531	False Sealing Main Channel 12' (Conforming To Existing At Site)	1000	Rft				
532	False Sealing Main Channel 4' (Conforming To Existing At Site)	1000	Rft				
533	False Sealing Main Channel 2' (Conforming To Existing At Site)	1000	Rft				
534	False Sealing L channel (Conforming To Existing At Site)	1000	Rft				
535	False Sealing wire (Conforming To Existing At Site)	8	Kg				
536	Gypsum False ceiling sheets 4' x 8' (Conforming To Existing At Site)	20	No.				
537	U Channel gypsum sheets (Conforming To Existing At Site)	20	Length				
538	L Channel Gypsum sheets (Conforming To Existing At Site)	20	Length				
539	U Channel gypsum sheet Clips (panjay) (Conforming To Existing At Site)	20	No.				
540	Screw gypsum sheets (Conforming To Existing At Site)	20	Box				
541	Dhampa false ceiling channel (Conforming To Existing At Site)	20	Length				
542	Dhampa false ceiling channel hanging clips (Conforming To Existing At Site)	20	No.				
543	Gypsum False ceiling joints Tape (Conforming To Existing At Site)	20	No.				
544	Welding Rods M.S (Conforming To Existing At Site)	20	Kg				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
545	Welding Rods S.S (Conforming To Existing At Site)	20	Kg				
546	MS Angle (Conforming To Existing At Site)	20	Kg				
547	MS Patti (Conforming To Existing At Site)	20	Kg				
548	MS Pipe 1"x 1" (Conforming To Existing At Site)	10	20 ft Length				
549	MS Pipe 1"x 1 1/2" (Conforming To Existing At Site)	10	20 ft Length				
550	MS Pipe 1"x 2" (Conforming To Existing At Site)	10	20 ft Length				
551	MS Sheet (Conforming To Existing At Site)	25	Kg				
552	MS Rods (Conforming To Existing At Site)	25	Kg				
553	Aluminum U section for Doors 2mm (Conforming To Existing At Site)	5	20 ft Length				
554	Aluminum Double U Section 2mm (Conforming To Existing At Site)	5	20 ft Length				
555	Aluminum Rectangular Tubes 2mm (Conforming To Existing At Site)	5	20 ft Length				
556	Aluminum Square Tubes 2mm (Conforming To Existing At Site)	5	20 ft Length				
557	Aluminum Equal Angle 2mm (Conforming To Existing At Site)	5	20 ft Length				
558	Aluminum Door Vertical Sections 2mm (Conforming To Existing At Site)	5	20 ft Length				
559	Black Screw (1/2" x 6) 100 Pcs each Box (Conforming To Existing At Site)	5	Box				
560	Black Screw (1/2" x 8) 100 Pcs each Box (Conforming To Existing At Site)	5	Box				
561	Black Screw (3/4" x 6) 100 Pcs each Box (Conforming To Existing At Site)	5	Box				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
562	Black Screw (3/4" x 8) 100 Pcs each Box (Conforming To Existing At Site)	5	Box				
563	Black Screw (1" x 6) 100 Pcs each Box (Conforming To Existing At Site)	5	Box				
564	Black Screw (1" x 8) 100 Pcs each Box (Conforming To Existing At Site)	5	Box				
565	Black Screw (1 1/4" x 6) 100 Pcs each Box (Conforming To Existing At Site)	5	Box				
566	Black Screw (1 1/4" x 8) 100 Pcs each Box (Conforming To Existing At Site)	5	Box				
567	Black Screw (1 1/2" x 6) 100 Pcs each Box (Conforming To Existing At Site)	5	Box				
568	Black Screw (1 1/2" x 8) 100 Pcs each Box (Conforming To Existing At Site)	5	Box				
569	Black Screw (2" x 8) 100 Pcs each Box (Conforming To Existing At Site)	5	Box				
570	Black Screw (2 1/2" x 8) 100 Pcs each Box (Conforming To Existing At Site)	5	Box				
571	Black Screw (3" x 8) 100 Pcs each Box (Conforming To Existing At Site)	5	Box				
572	Nut Bolt & Washer (8mm) (Conforming To Existing At Site)	5	Kg				
573	Nut Bolt & Washer (10mm) (Conforming To Existing At Site)	5	Kg				
574	Nut Bolt & Washer (12mm) (Conforming To Existing At Site)	5	Kg				
575	Nut Bolt & Washer (14mm) (Conforming To Existing At Site)	5	Kg				
576	Steel Nail (1") (Conforming To Existing At Site)	5	Kg				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
577	Steel Nail (1 1/2") (Conforming To Existing At Site)	5	Kg				
578	Steel Nail (2") (Conforming To Existing At Site)	5	Kg				
579	Steel Nail (2½") (Conforming To Existing At Site)	5	Kg				
580	No head Nail (3/4" x 20) (Conforming To Existing At Site)	2	Kg				
581	No head Nail (2" x17) (Conforming To Existing At Site)	2	Kg				
582	No head Nail (3" x 20) (Conforming To Existing At Site)	2	Kg				
583	No head Nail (1 1/2" x 17) (Conforming To Existing At Site)	2	Kg				
584	No head Nail (2 1/2" x17) (Conforming To Existing At Site)	2	Kg				
585	Chick Board sheets PATEX (2153) (Conforming To Existing At Site)	5	Sheet				
586	Back Sheets for cupboards (Conforming To Existing At Site)	5	sheet				
587	Wooden lipping's (1 1/2" x 2 x 10') (Golden Teak) (Conforming To Existing At Site)	50	Length				
588	Cabinet Door Golay 3/4 x 3/4 (Conforming To Existing At Site)	50	Length				
589	Taper Golay (Conforming To Existing At Site)	20	Length				
590	Wooden Golay 1" x 1" (Golden Teak) (Conforming To Existing At Site)	20	Length				
591	Wooden Patti 2" x 1" (Golden Teak) (Conforming To Existing At Site)	20	Length				
592	Wooden Patti 3" x 1" (Golden Teak) (Conforming To Existing At Site)	20	Length				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
593	Wooden Patti 2" x 2" (Golden Teak) (Conforming To Existing At Site)	10	Length				
594	Wooden Patti 4" x 1 1/2" (Golden Teak) (Conforming To Existing At Site)	10	Length				
595	Wooden Door Shutter (Conforming To Existing At Site)	200	Sqft				
596	Piston Set (3" pump) Same as existing (Conforming To Existing At Site)	2	Set				
597	Boggis Rod (3" pump) Same as existing (Conforming To Existing At Site)	2	No.				
598	Bearing NTN (Different sizes) (Conforming To Existing At Site)	10	No.				
599	Gland Set Complete (3" pump) (Conforming To Existing At Site)	2	No.				
600	Connecting Road (3" pump) (Conforming To Existing At Site)	2	No.				
601	Pump Glass (3" Pump) (Conforming To Existing At Site)	2	No.				
602	Gland dori (Conforming To Existing At Site)	2	Kg				
603	Boggis (3" pump) (Conforming To Existing At Site)	20	No.				
604	Spring Washer (3" pump) (Conforming To Existing At Site)	20	No.				
605	Rubber Washer (3" pump) (Conforming To Existing At Site)	20	No.				
606	Brass Bolt (Conforming To Existing At Site)	20	No.				
607	Brass Washer (Conforming To Existing At Site)	50	No.				
608	Piston Pump Packing (3" Set) (Conforming To Existing At Site)	15	No.				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
609	Piston Pump Oil (Conforming To Existing At Site)	20	Liters				
610	Piston Pump Belt (A54 and A55 and other) (Conforming To Existing At Site)	20	No.				
611	Piston Pump Nut Bolt with washer (1½",2½"x2/8) (Conforming To Existing At Site)	2	Kg				
612	Piston Pump Nut Bolt with washer (3",2½"x2/8) (Conforming To Existing At Site)	2	Kg				
613	KSB Pump Shaft S.S 3204 (as per existing) (Conforming To Existing At Site)	2	No.				
614	KSB Pump Gland (as per existing) (Conforming To Existing At Site)	2	No.				
615	KSB Pump Impailer (as per existing) (Conforming To Existing At Site)	2	No.				
616	KSB Pump complete Packing Set (as per existing) (Conforming To Existing At Site)	2	No.				
617	Dadex End Cap (160 mm) (Conforming To Existing At Site)	2	No.				
618	Dadex End Cap (110 mm) (Conforming To Existing At Site)	25	No.				
619	Dadex End Cap (75 mm) (Conforming To Existing At Site)	10	No.				
620	Dadex End Cap (50 mm) (Conforming To Existing At Site)	10	No.				
621	Dadex Clean Out (110 mm) (Conforming To Existing At Site)	15	No.				
622	Dadex Clean Out (75 mm) (Conforming To Existing At Site)	15	No.				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
623	Dadex Clean Out (50 mm) (Conforming To Existing At Site)	10	No.				
624	Dadex Socket (110 mm) (Conforming To Existing At Site)	10	No.				
625	Dadex Socket (75 mm) (Conforming To Existing At Site)	10	No.				
626	Dadex Socket (50 mm) (Conforming To Existing At Site)	10	No.				
627	Dadex Elbow 45° (110 mm) (Conforming To Existing At Site)	10	No.				
628	Dadex Elbow 45° (75 mm) (Conforming To Existing At Site)	10	No.				
629	Dadex Elbow 45° (50 mm) (Conforming To Existing At Site)	10	No.				
630	Dadex Elbow (110 mm) (Conforming To Existing At Site)	10	No.				
631	Dadex Elbow (75 mm) (Conforming To Existing At Site)	10	No.				
632	Dadex Tee (50 mm) (Conforming To Existing At Site)	10	No.				
633	Dadex "y" Tee (110 mm) (Conforming To Existing At Site)	10	No.				
634	Dadex "y" Tee (75 mm) (Conforming To Existing At Site)	10	No.				
635	Dadex "y" Tee (50 mm) (Conforming To Existing At Site)	10	No.				
636	Dadex Floor Drain (110 mm) (Conforming To Existing At Site)	15	No.				
637	Flange Valve (2") Heavy Duty Same as existing (Conforming To Existing At Site)	5	No.				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
638	Flange Valve (3") Heavy Duty Same as existing (Conforming To Existing At Site)	5	No.				
639	Flange Valve (4") Heavy Duty Same as existing (Conforming To Existing At Site)	5	No.				
640	Dadex Pipe (110 mm) (Conforming To Existing At Site)	50	Rft				
641	Dadex Pipe (75 mm) (Conforming To Existing At Site)	20	Rft				
642	Dadex Pipe (50 mm) (Conforming To Existing At Site)	20	Rft				
643	Solution White dadex (125 G) (Conforming To Existing At Site)	20	Tin				
644	Solution Orange EZ-weld PVC (125G) (Conforming To Existing At Site)	20	Tin				
645	PPR Fitting Elbow 90° (75mm) Same as existing (Conforming To Existing At Site)	15	No.				
646	PPR Fitting Socket (63mm) Same as existing (Conforming To Existing At Site)	15	No.				
647	PPR Pipe (20 mm) Same as existing (Conforming To Existing At Site)	50	Rft				
648	PPR Pipe (25mm) Same as existing (Conforming To Existing At Site)	50	Rft				
649	PPR Pipe (32mm) Same as existing (Conforming To Existing At Site)	50	Rft				
650	PPR Pipe (40mm) Same as existing (Conforming To Existing At Site)	50	Rft				
651	Tube Connection Brass (18", 24" Long) Same as existing (Conforming To Existing At Site)	50	Pair				
652	Tube basin Brass (18", 24") Same as existing (Conforming To Existing At Site)	50	Pair				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
653	Basin Mixture Same as existing (Conforming To Existing At Site)	10	No.				
654	Sink Mixture Heavy Duty (Conforming To Existing At Site)	10	No.				
655	One side basin pillar tap (Conforming To Existing At Site)	10	No.				
656	Bottle Trap complete set with waste (Conforming To Existing At Site)	60	No.				
657	Mono Block Pump 3" (Conforming To Existing At Site)	1	No.				
658	Deep well Ejector pump 1.5 Hp (Conforming To Existing At Site)	1	No.				
659	Suction Bottle water Pump (3") Same as existing (Conforming To Existing At Site)	1	No.				
660	Motor for Suction Bottle water Pump Tecco or Equivalent (3 Phase, 4HP) Same as existing (Conforming To Existing At Site)	1	No.				
661	Summer suction Pumps (sump pits) (Conforming To Existing At Site)	1	No.				
662	Muslim shower Heavy Duty (Conforming To Existing At Site)	100	No.				
663	Muslim shower chain Heavy Duty (Conforming To Existing At Site)	100	No.				
664	Commode (Conforming To Existing At Site)	3	No.				
665	Commode Seat cover (Conforming To Existing At Site)	3	No.				
666	W.C (Conforming To Existing At Site)	3	No.				
667	Flash Tank (Conforming To Existing At Site)	3	No.				
668	Basin (Conforming To Existing At Site)	3	No.				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
669	Porta Basin pedestal USA Same as existing (Conforming To Existing At Site)	3	No.				
670	Long Cock (Conforming To Existing At Site)	12	No.				
671	Double Bib Cock (Heavy Duty) (Conforming To Existing At Site)	20	No.				
672	Spindle double bib cock Brass (Heavy Duty) Conforming to existing at site (Conforming To Existing At Site)	20	No.				
673	Basin Mixture Spindle Dark blue Conforming to existing at site (Conforming To Existing At Site)	20	No.				
674	Basin Mixture Spindle light blue Conforming to existing at site (Conforming To Existing At Site)	20	No.				
675	Basin Mixture Spindle off white Conforming to existing at site (Conforming To Existing At Site)	20	No.				
676	Flash Tank Material (Groue) Same as existing (Conforming To Existing At Site)	5	Set				
677	Push Button for Flash Tank (Groue) (Conforming To Existing At Site)	5	No.				
678	Fisher brass/ S.S (10mm, 12 mm) (Conforming To Existing At Site)	20	No.				
679	S.S Non return Valve (Kitz) (½") (Conforming To Existing At Site)	2	No.				
680	Non return Valve (Kitz) (¾") (Conforming To Existing At Site)	2	No.				
681	S.S Non return Valve (Kitz) (1") (Conforming To Existing At Site)	2	No.				
682	S.S Non return Valve (Kitz) (1 1/2") (Conforming To Existing At Site)	2	No.				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
683	S.S Non return Valve (Kitz) (1 3/4") (Conforming To Existing At Site)	2	No.				
684	S.S Non return Valve (Kitz) (2") (Conforming To Existing At Site)	2	No.				
685	Brass valve Socket (1/2') (Conforming To Existing At Site)	2	No.				
686	Brass valve Socket (3/4') (Conforming To Existing At Site)	2	No.				
687	Brass valve Socket (1') (Conforming To Existing At Site)	2	No.				
688	Brass valve Socket (2') (Conforming To Existing At Site)	2	No.				
689	Brass valve Socket (1 3/4") (Conforming To Existing At Site)	2	No.				
690	Brass valve Socket (2 1/2") (Conforming To Existing At Site)	2	No.				
691	Brass valve Socket (3") (Conforming To Existing At Site)	2	No.				
692	Elbow PPR Thread (20mm) (Conforming To Existing At Site)	2	No.				
693	Flexible pipe basin complete (1 1/4") (Conforming To Existing At Site)	2	set				
694	Sink mixture adjustable neck for CSSD washing area Same as existing (Conforming To Existing At Site)	2	No.				
695	Basin mixture neck Same as existing (Conforming To Existing At Site)	2	No.				
696	Sink mixture neck Same as existing (Conforming To Existing At Site)	2	No.				
697	Hand Shower with chain Same as existing (Conforming To Existing At Site)	2	No.				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
698	Basin Mixture Head (Conforming To Existing At Site)	2	No.				
699	Foot Valve Brass 4" (Conforming To Existing At Site)	2	No.				
700	PVC Pipe (½") Pak Arab or equivalent (Conforming To Existing At Site)	2	meter				
701	PVC Pipe (¾") Pak Arab or equivalent (Conforming To Existing At Site)	2	meter				
702	PVC Pipe (1") Pak Arab or equivalent (Conforming To Existing At Site)	2	meter				
703	PVC Pipe (1 ½") Pak Arab or equivalent (Conforming To Existing At Site)	2	meter				
704	PVC Pipe (2") Pak Arab or equivalent (Conforming To Existing At Site)	2	meter				
705	PVC Pipe (3") Pak Arab or equivalent (Conforming To Existing At Site)	2	meter				
706	PVC Socket (½") Pak Arab or equivalent (Conforming To Existing At Site)	2	No.				
707	PVC Socket (¾") Pak Arab or equivalent (Conforming To Existing At Site)	2	No.				
708	PVC Socket (1") Pak Arab or equivalent (Conforming To Existing At Site)	2	No.				
709	PVC socket (1 1/2") Pak Arab or equivalent (Conforming To Existing At Site)	2	No.				
710	PVC socket (2") Pak Arab or equivalent (Conforming To Existing At Site)	2	No.				
711	PVC socket (3") Pak Arab or equivalent (Conforming To Existing At Site)	2	No.				
712	PVC socket (1/2 x 1") Pak Arab or equivalent (Conforming To Existing At Site)	2	No.				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
713	PVC socket (1 x 1 1/2") Pak Arab or equivalent (Conforming To Existing At Site)	2	No.				
714	PVC socket (1 1/2 x 2") Pak Arab or equivalent (Conforming To Existing At Site)	2	No.				
715	PVC socket (2 x 2 1/2") Pak Arab or equivalent (Conforming To Existing At Site)	2	No.				
716	PVC socket (2 1/2 x 3") Pak Arab or equivalent (Conforming To Existing At Site)	2	No.				
717	PVC socket (1 x 2") Pak Arab or equivalent (Conforming To Existing At Site)	2	No.				
718	PVC socket (1 x 3") Pak Arab or equivalent (Conforming To Existing At Site)	2	No.				
719	PVC socket (2 x 3") Pak Arab or equivalent (Conforming To Existing At Site)	2	No.				
720	PVC Valve Socket (1/2") Pak Arab or equivalent (Conforming To Existing At Site)	2	No.				
721	PVC Valve Socket (3/4") Pak Arab or equivalent (Conforming To Existing At Site)	2	No.				
722	PVC Valve Socket (1") Pak Arab or equivalent (Conforming To Existing At Site)	2	No.				
723	PVC Valve Socket (1 1/2") Pak Arab or equivalent (Conforming To Existing At Site)	2	No.				
724	PVC Valve Socket (1 3/4") Pak Arab or equivalent (Conforming To Existing At Site)	2	No.				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
725	PVC Valve Socket (2") Pak Arab or equivalent (Conforming To Existing At Site)	2	No.				
726	PVC Valve Socket (2 1/2") Pak Arab or equivalent (Conforming To Existing At Site)	2	No.				
727	PVC Valve Socket (3") Pak Arab or equivalent (Conforming To Existing At Site)	2	No.				
728	PVC elbow (1/2") Pak Arab or equivalent (Conforming To Existing At Site)	2	No.				
729	PVC elbow (3/4") Pak Arab or equivalent (Conforming To Existing At Site)	2	No.				
730	PVC elbow (1") Pak Arab or equivalent (Conforming To Existing At Site)	2	No.				
731	PVC elbow (1 1/2") Pak Arab or equivalent (Conforming To Existing At Site)	2	No.				
732	PVC elbow (1 1/4") Pak Arab or equivalent (Conforming To Existing At Site)	2	No.				
733	PVC elbow (2") Pak Arab or equivalent (Conforming To Existing At Site)	2	No.				
734	PVC elbow (3") Pak Arab or equivalent (Conforming To Existing At Site)	2	No.				
735	PVC Tee (1/2") Pak Arab or equivalent (Conforming To Existing At Site)	2	No.				
736	PVC Tee (3/4") Pak Arab or equivalent (Conforming To Existing At Site)	2	No.				
737	PVC Tee (1") Pak Arab or equivalent (Conforming To Existing At Site)	2	No.				
738	PVC Tee (1 1/2") Pak Arab or equivalent (Conforming To Existing At Site)	2	No.				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
739	PVC Tee (1 1/4") Pak Arab or equivalent (Conforming To Existing At Site)	2	No.				
740	PVC Tee (2") Pak Arab or equivalent (Conforming To Existing At Site)	2	No.				
741	PVC Tee (3") Pak Arab or equivalent (Conforming To Existing At Site)	2	No.				
742	PVC Y Tee (1/2") Pak Arab or equivalent (Conforming To Existing At Site)	2	No.				
743	PVC Y (1") Pak Arab or equivalent (Conforming To Existing At Site)	20	No.				
744	PVC Y (1 1/2") Pak Arab or equivalent (Conforming To Existing At Site)	20	No.				
745	PVC Y Tee (2") Pak Arab or equivalent (Conforming To Existing At Site)	20	No.				
746	PVC 45° (1/2") Pak Arab or equivalent (Conforming To Existing At Site)	20	No.				
747	PVC 45° (3/4") Pak Arab or equivalent (Conforming To Existing At Site)	20	No.				
748	PVC 45° (1") Pak Arab or equivalent (Conforming To Existing At Site)	20	No.				
749	PVC 45° (1 1/2") Pak Arab or equivalent (Conforming To Existing At Site)	20	No.				
750	PVC 45° (2") Pak Arab or equivalent (Conforming To Existing At Site)	20	No.				
751	PVC 45° (3") Pak Arab or equivalent (Conforming To Existing At Site)	10	No.				
752	PVC End Cap (1/2") Pak Arab or equivalent (Conforming To Existing At Site)	10	No.				
753	PVC End Cap (3/4") Pak Arab or equivalent (Conforming To Existing At Site)	10	No.				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
754	PVC End Cap (1") Pak Arab or equivalent (Conforming To Existing At Site)	10	No.				
755	PVC End Cap (1½") Pak Arab or equivalent (Conforming To Existing At Site)	10	No.				
756	PVC End Cap (2") Pak Arab or equivalent (Conforming To Existing At Site)	10	No.				
757	PVC End Cap (3") Pak Arab or equivalent (Conforming To Existing At Site)	10	No.				
758	Chanel washer [Single] Same as existing (Conforming To Existing At Site)	10	No.				
759	Chanel washer [Double] Same as existing (Conforming To Existing At Site)	10	No.				
760	Basin mixture Lever Same as existing (Conforming To Existing At Site)	10	No.				
761	S.S Pedestal Bolt Bracket Same as existing (Conforming To Existing At Site)	20	No.				
762	S.S Basin Bolt Bracket Same as existing (Conforming To Existing At Site)	20	No.				
763	Thumble for Porta Commort Same as existing (Conforming To Existing At Site)	3	No.				
764	Commort Seat Cover Porta (Conforming To Existing At Site)	6	No.				
765	PVC Union (½") Pak Arab or equivalent (Conforming To Existing At Site)	10	No.				
766	PVC Union (¾") Pak Arab or equivalent (Conforming To Existing At Site)	10	No.				
767	PVC Union (1") Pak Arab or equivalent (Conforming To Existing At Site)	10	No.				
768	PVC Union (1 ¼") Pak Arab or equivalent (Conforming To Existing At Site)	10	No.				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
769	PVC Union (1 1/2") Pak Arab or equivalent (Conforming To Existing At Site)	10	No.				
770	PVC Union (2") Pak Arab or equivalent (Conforming To Existing At Site)	10	No.				
771	PVC Union (3") Pak Arab or equivalent (Conforming To Existing At Site)	10	No.				
772	Schedule 80 PVC Pipe (1") Best Quality (Conforming To Existing At Site)	10	Meter				
773	Schedule 80 PVC Pipe (1 1/2") Best Quality (Conforming To Existing At Site)	10	Meter				
774	Schedule 80 PVC Pipe (2") Best Quality (Conforming To Existing At Site)	10	Meter				
775	Schedule 80 PVC Socket (1") Best Quality (Conforming To Existing At Site)	10	No.				
776	Schedule 80 PVC Socket (1 1/2") Best Quality (Conforming To Existing At Site)	10	No.				
777	Schedule 80 PVC Socket (2") Best Quality (Conforming To Existing At Site)	10	No.				
778	Schedule 80 PVC Tee (1") Best Quality (Conforming To Existing At Site)	10	No.				
779	Schedule 80 PVC Tee (1 1/2") Best Quality (Conforming To Existing At Site)	10	No.				
780	Schedule 80 PVC Tee (2") Best Quality (Conforming To Existing At Site)	10	No.				
781	Schedule 80 PVC Y Tee (1") Best Quality (Conforming To Existing At Site)	10	No.				
782	Schedule 80 PVC Y Tee (1 1/2") Best Quality (Conforming To Existing At Site)	10	No.				
783	Schedule 80 PVC Y Tee (2") Best Quality (Conforming To Existing At Site)	10	No.				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
784	Schedule 80 PVC elbow (1") Best Quality (Conforming To Existing At Site)	10	No.				
785	Schedule 80 PVC elbow (1 1/2") Best Quality (Conforming To Existing At Site)	10	No.				
786	Schedule 80 PVC elbow (2") Best Quality (Conforming To Existing At Site)	10	No.				
787	Schedule 80 PVC Union (1") Best Quality (Conforming To Existing At Site)	10	No.				
788	Schedule 80 PVC Union (1 1/2") Best Quality (Conforming To Existing At Site)	10	No.				
789	Schedule 80 PVC Union (2") Best Quality (Conforming To Existing At Site)	10	No.				
790	Schedule 80 PVC Bush (1 1/2 x 1") Best Quality (Conforming To Existing At Site)	10	No.				
791	Schedule 80 PVC Bush (1 x 1/2") Best Quality (Conforming To Existing At Site)	10	No.				
792	Schedule 80 PVC Bush (1 1/4 x 1/2") Best Quality (Conforming To Existing At Site)	10	No.				
793	Schedule 80 PVC Bush (1 1/2 x 1/2") Best Quality (Conforming To Existing At Site)	10	No.				
794	Schedule 80 PVC Bush (2 x 1/2") Best Quality (Conforming To Existing At Site)	10	No.				
795	Schedule 80 PVC Bush (1 1/2 x 2") Best Quality (Conforming To Existing At Site)	10	No.				
796	Schedule 80 PVC Valve (1") Best Quality (Conforming To Existing At Site)	10	No.				
797	Schedule 80 PVC Valve (1 1/2") Best Quality (Conforming To Existing At Site)	10	No.				
798	Schedule 80 PVC Valve (1 3/4") Best Quality (Conforming To Existing At Site)	10	No.				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
799	Schedule 80 PVC Valve (2") Best Quality (Conforming To Existing At Site)	5	No.				
800	Schedule 80 PVC plug (1") Best Quality (Conforming To Existing At Site)	20	No.				
801	Schedule 80 PVC plug (1 1/2") Best Quality (Conforming To Existing At Site)	20	No.				
802	Schedule 80 PVC plug (1 3/4") Best Quality (Conforming To Existing At Site)	20	No.				
803	Schedule 80 PVC plug (2") Best Quality (Conforming To Existing At Site)	20	No.				
804	Schedule 80 PVC Valve (1/2") Heavy Duty (Conforming To Existing At Site)	6	No.				
805	Schedule 80 PVC Valve (3/4") Heavy Duty (Conforming To Existing At Site)	6	No.				
806	Schedule 80 PVC Valve (1") Heavy Duty (Conforming To Existing At Site)	10	No.				
807	Schedule 80 PVC Valve (1 1/2") Heavy Duty (Conforming To Existing At Site)	10	No.				
808	Schedule 80 PVC Valve (1 3/4") Heavy Duty (Conforming To Existing At Site)	10	No.				
809	Schedule 80 PVC Valve (2") Heavy Duty (Conforming To Existing At Site)	6	No.				
810	PVC SCH-80 Valve Socket 1" (Conforming To Existing At Site)	12	Nos.				
811	PVC SCH-80 Valve Socket 1 x 1/2" (Conforming To Existing At Site)	12	Nos.				
812	PVC SCH-80 Valve Socket 2" (Conforming To Existing At Site)	12	Nos.				
813	PVC Valve (1/2") Heavy Duty (Conforming To Existing At Site)	1	Nos.				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
814	PVC Valve (3/4") Heavy Duty (Conforming To Existing At Site)	1	Nos.				
815	PVC Valve (1") Heavy Duty (Conforming To Existing At Site)	1	Nos.				
816	PVC Valve (1 3/4") Heavy Duty (Conforming To Existing At Site)	1	Nos.				
817	PVC Valve (2") Heavy Duty (Conforming To Existing At Site)	1	Nos.				
818	PVC Valve (3") Heavy Duty (Conforming To Existing At Site)	3	Nos.				
819	O Ring set (Mixed sizes) (Conforming To Existing At Site)	2	Box				
820	TDS Meter (Conforming To Existing At Site)	1	No.				
821	M.S Seamless Pipe (1/2") (Conforming To Existing At Site)	3	Rft				
822	M.S Seamless Pipe (3/4") (Conforming To Existing At Site)	3	Rft				
823	M.S Seamless Pipe (1") (Conforming To Existing At Site)	3	Rft				
824	M.S Seamless Pipe (2") (Conforming To Existing At Site)	10	Rft				
825	M.S Seamless Pipe (2 1/2") (Conforming To Existing At Site)	10	Rft				
826	M.S Seamless Pipe (3") (Conforming To Existing At Site)	10	Rft				
827	M.S Seamless Pipe (4") (Conforming To Existing At Site)	10	Rft				
828	M.S seamless elbow (1/2") (Conforming To Existing At Site)	10	No.				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
829	M.S seamless elbow (3/4") (Conforming To Existing At Site)	10	No.				
830	M.S seamless elbow (1") (Conforming To Existing At Site)	10	No.				
831	M.S seamless elbow (2") (Conforming To Existing At Site)	10	No.				
832	M.S seamless elbow (2 1/2") (Conforming To Existing At Site)	10	No.				
833	M.S seamless elbow (3") (Conforming To Existing At Site)	10	No.				
834	M.S seamless elbow (4") (Conforming To Existing At Site)	10	No.				
835	M.S seamless Tee (1/2") (Conforming To Existing At Site)	10	No.				
836	M.S seamless Tee (3/4") (Conforming To Existing At Site)	10	No.				
837	M.S seamless Tee (1") (Conforming To Existing At Site)	10	No.				
838	M.S seamless Tee (2") (Conforming To Existing At Site)	10	No.				
839	M.S seamless Tee (2 1/2") (Conforming To Existing At Site)	10	No.				
840	M.S seamless Tee (3") (Conforming To Existing At Site)	10	No.				
841	M.S seamless Tee (4") (Conforming To Existing At Site)	10	No.				
842	M.S seamless Elbow 2" x 1/2" Conforming To Existing At Site)	1	No.				
843	M.S seamless Elbow 2" x 3/4" Conforming To Existing At Site)	1	No.				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
844	M.S seamless Tee 2" x 1/2" Conforming To Existing At Site)	1	No.				
845	M.S seamless Tee 2" x 3/4" Conforming To Existing At Site)	1	No.				
846	Ball Valve Brass Kitz 1/2" 150 to 250 Psi (Conforming To Existing At Site)	5	No.				
847	Ball Valve Brass Kitz 3/4" 150 to 250 Psi (Conforming To Existing At Site)	5	No.				
848	Floor waste (Conforming To Existing At Site)	50	No.				
849	Brass Spandle Screw (Same as existing) (Conforming To Existing At Site)	100	No.				
850	Spandle head haddi (Same as existing) (Conforming To Existing At Site)	100	No.				
851	Hanging clip 110 mm (Conforming To Existing At Site)	30	No.				
852	Hanging clip 90 mm (Conforming To Existing At Site)	50	No.				
853	Hanging clip 75 mm (Conforming To Existing At Site)	50	No.				
854	Hanging clip 50 mm (Conforming To Existing At Site)	50	No.				
855	Hanging clip 32 mm (Conforming To Existing At Site)	50	No.				
856	Hanging clip 25 mm (Conforming To Existing At Site)	50	No.				
857	Hanging clip 20 mm (Conforming To Existing At Site)	50	No.				
858	Dhaga (Gola) (Conforming To Existing At Site)	100	No.				
859	Taflon Tape (Big) (Conforming To Existing At Site)	200	No.				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
860	UPVC Bush (1 1/2 X 1") (Conforming To Existing At Site)	10	No.				
861	UPVC Bush (3 x 2 1/2") (Conforming To Existing At Site)	20	No.				
862	UPVC Bush (3x2") (Conforming To Existing At Site)	10	No.				
863	GI Bush (3 x 2 1/2") (Conforming To Existing At Site)	10	No.				
	MECHANICAL, AIR COMPRESSOR,VACCUM PLANT,OXYGEN PLANT,MEDICAL FURNITURE ITEMS						
864	Oil Filter Element (6.1979.1) (Conforming To Existing At Site)	2	Nos.				
865	Air Filter (Atlas Copco) (1613 9503 00) (Conforming To Existing At Site)	2	Nos.				
866	Compressor Oil (65 /68) (Conforming To Existing At Site)	160	ltr.				
867	Grease Cartridge (MLS SCWG4000-120) (Conforming To Existing At Site)	4	Nos.				
868	Compressed Air Filter (Line Filter) (G1210MX-AD-SG-W-02) (Conforming To Existing At Site)	10	Nos.				
869	Oil Separator (As per Sample) (Conforming To Existing At Site)	2	Nos.				
870	Air Filter (G1210MX-AD-SG-W-02) (Conforming To Existing At Site)	10	Nos.				
871	Line Filter (Pre & After Filter) (G1210MX-AD-SG-W-02) (Conforming To Existing At Site)	10	Nos.				
872	Hydraulic Transmission / Oil Filter (4011558712105) 93x62x71 3/4-16 UNF (Conforming To Existing At Site)	4	Nos.				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
873	Lubrication Oil (Vacuum Pump Oil) CALTEX 68" (Conforming To Existing At Site)	208	ltr.				
874	Exhaust Filter 30" (Conforming To Existing At Site)	2	Nos.				
875	Oil Mist Filter 24" (Conforming To Existing At Site)	12	Nos.				
876	Silencer Muffler XY-20 (01060528) (Conforming To Existing At Site)	4	Nos.				
877	Ultra Filter (DFXO-0120 8" x 1/2") (Conforming To Existing At Site)	4	Nos.				
878	Compressor motor (GARDNER DENVER YPG250M-2T01) 75 KW , 100 HP, 128A, S.No: 130240 (Conforming To Existing At Site)	1	Nos.				
879	3 PH Induction motor 11 KW, HP 15, 22.5 A S.No: 811150603 (Conforming To Existing At Site)	2	Nos.				
880	Loading & Un-Loading Valve 75 KW (As per Existing at Plant) (Conforming To Existing At Site)	4	Nos.				
881	MLS Drive (MLS SCWG4000-120) (Conforming To Existing At Site)	1	Nos.				
882	Drive Cell (Lithium Battery) (CR2450 3V) (Conforming To Existing At Site)	12	Nos.				
883	Multi-Purpose Grease (SCWG4000-120 COMPAIR MLS GREASE 120) (Conforming To Existing At Site)	2	Kg.				
884	MCB Card (HMI) (As Per Sample) (Conforming To Existing At Site)	1	Nos.				
885	Jaw Coupling Rotex (100005644 55 St) (Conforming To Existing At Site)	2	Nos.				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
886	Jaw Coupling Rotex MS (As per Existing at Plant) (Conforming To Existing At Site)	2	Nos.				
887	Contactora (3RT5054-1AP36 220V) Siemens 55 KW 3-Pole 300A (Conforming To Existing At Site)	1	Nos.				
888	Power Transformer (INPUT 0 360 380 400 415 435 V OUTPUT 230V/1.13 24V/2.083A) (Conforming To Existing At Site)	4	Nos.				
889	Pneumatic Pipe Transparent (8mm -40 C to + 80 C 18~32 bar) (Conforming To Existing At Site)	60	meter.				
890	Pneumatic Pipe Transparent (4mm -40 C to + 80 C 18~32 bar) (Conforming To Existing At Site)	60	meter.				
891	Pneumatic Pipe Transparent (6mm -40 C to + 80 C 18~32 bar) (Conforming To Existing At Site)	60	meter.				
892	Pneumatic Pipe Transparent (12mm -40 C to + 80 C 18~32 bar) (Conforming To Existing At Site)	20	meter.				
893	Flexible temperature sensors (Danfoss) MBT 3270) (Conforming To Existing At Site)	2	Nos.				
894	Oil Level Indicator Glass (Transparent 8mm) (Conforming To Existing At Site)	2	Nos.				
895	Solenoid Valve (6014 C 1/16" FKM BR 00463880 232PSI) (Conforming To Existing At Site)	2	Nos.				
896	Pressure Sensor 0 - 16 barG, 17 - 20 mA, Kavlico Industrial (Conforming To Existing At Site)	4	Nos.				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
897	Wall mounted Second Fixer BS EN 9170-1 (OXYGEN) (Conforming To Existing At Site)	20	Nos.				
898	Wall mounted Second Fixer BS EN 9170-1 (VACUUM) (Conforming To Existing At Site)	20	Nos.				
899	Wall mounted Second Fixer BS EN 9170-1 (MA-4) (Conforming To Existing At Site)	20	Nos.				
900	Wall mounted Second Fixer BS EN 9170-1 (MA-7) (Conforming To Existing At Site)	20	Nos.				
901	Wall mounted Second Fixer BS EN 9170-1 (NITROGEN) (Conforming To Existing At Site)	20	Nos.				
902	Wall mounted Second Fixer Bullet (As per Exiting at Plant) (Conforming To Existing At Site)	20	Nos.				
903	Wall mounted Second Fixer Base & Bullet complete OXYGEN (As per Exiting at Plant) (Conforming To Existing At Site)	10	Set.				
904	Wall mounted Second Fixer Base & Bullet complete VACUUM (As per Exiting at Plant) (Conforming To Existing At Site)	10	Set.				
905	Wall mounted Second Fixer Base & Bullet complete MA-4 (As per Exiting at Plant) (Conforming To Existing At Site)	10	Set.				
906	Wall mounted Second Fixer Base & Bullet complete MA-7 (As per Exiting at Plant) (Conforming To Existing At Site)	10	Set.				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
907	Wall mounted Second Fixer Base & Bullet complete NITROGEN (As per Exiting at Plant) (Conforming To Existing At Site)	10	Set.				
908	Electric Motor 9 KW, 7.5 HP, 18.4 A (LEROY SOMER) N 751664A14003 (Conforming To Existing At Site)	1	Nos.				
909	O-Ring 2mm (Conforming To Existing At Site)	250	Nos.				
910	O-Ring 8mm (Conforming To Existing At Site)	250	Nos.				
911	O-Ring 10mm (Conforming To Existing At Site)	250	Nos.				
912	O-Ring 12mm (Conforming To Existing At Site)	250	Nos.				
913	O-Ring 30 Size (Conforming To Existing At Site)	1	Ket				
914	O-Ring 4mm (Conforming To Existing At Site)	250	Nos.				
915	O-Ring 6mm (Conforming To Existing At Site)	250	Nos.				
916	AVSU Wall Mounted Fixer (With Washer, Nut & Screw) 13A 250V (As Existing at Plant) (Conforming To Existing At Site)	100	Nos.				
917	Quick Fitting (SS) conector (1/8"x 4mm) (Conforming To Existing At Site)	60	Nos.				
918	Quick Fitting (SS) L-Bow (3/8" x 8mm) (Conforming To Existing At Site)	80	Nos.				
919	Quick Fitting L-Bow (Two Side) (4mm x 4mm) (Conforming To Existing At Site)	60	Nos.				
920	Quick Fitting (SS) conector (1/4" x 8mm) (Conforming To Existing At Site)	60	Nos.				
921	Quick Fitting (SS) Conector (1/8"x 8mm) (Conforming To Existing At Site)	60	Nos.				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
922	Quick Fitting (SS) Conector (1/4"x 6mm) (Conforming To Existing At Site)	60	Nos.				
923	Quick Fitting L-Bow Conector 4mm (Conforming To Existing At Site)	20	Nos.				
924	Quick Fitting L-Bow (Threaded) (4mm x 4mm) (Conforming To Existing At Site)	30	Nos.				
925	Quick Fitting T 6mm (Conforming To Existing At Site)	50	Nos.				
926	Quick Fitting T 4mm (Conforming To Existing At Site)	50	Nos.				
927	Quick Fitting Socket 4mm (Conforming To Existing At Site)	30	Nos.				
928	Quick Fitting Socket 8mm (Conforming To Existing At Site)	30	Nos.				
929	Quick Fitting Socket 6mm (Conforming To Existing At Site)	30	Nos.				
930	Quick Fitting L-Bow (Threaded) (6mm) (Conforming To Existing At Site)	30	Nos.				
931	Quick Fitting (6mm) SS (Conforming To Existing At Site)	30	Nos.				
932	Quick Fitting (4mm) SS (Conforming To Existing At Site)	30	Nos.				
933	Quick Fitting (8mm) SS (Conforming To Existing At Site)	30	Nos.				
934	HMI DELCOSE XL-L (ZS1057856) (Conforming To Existing At Site)	1	Nos.				
935	Emergency Switch (A030750 IDEC 631 AVW) (Conforming To Existing At Site)	2	Nos.				
936	MCB Breaker Singal Pole (5SJ61-C1 230/400V) SIEMENS (Conforming To Existing At Site)	2	Nos.				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
937	MCB Breaker 2-Pole (5SJ72-6A 400V) 6A , 10KA (Conforming To Existing At Site)	2	Nos.				
938	Breaker (690V, 63A, 3VU1340, 1MK00) SIEMENS (Conforming To Existing At Site)	2	Nos.				
939	Contactora 3-Pole (3RT6023-1AL20 AC 230 V 50/60 HZ AC3, 4 kW 400 V) SIEMENS (Conforming To Existing At Site)	2	Nos.				
940	Contactora 2-Pole (3RH5921-1EA11, 2-pole) SIEMENS 45A (Conforming To Existing At Site)	2	Nos.				
941	Main Contactora (3RT5054-1...6 140A 600V) SIEMENS 140A (Conforming To Existing At Site)	2	Nos.				
942	Direct Acting Solenoid Valve (740-00-555 230V 50-60hz 3/8" #13H53) Inlet 1/2" (Conforming To Existing At Site)	2	Nos.				
943	Electronic Condense drain (ECD 15B 230V) (Conforming To Existing At Site)	2	Nos.				
944	V-Belt B-108 (Oil & Heat) (Conforming To Existing At Site)	12	Nos.				
945	HMI (DOP-B07S411) (Conforming To Existing At Site)	1	Nos.				
946	Inverter (INVENT MODEL: ED510-0150/0 Power: 15KW / 18.5KW INPUT: AC 3PH 400V 35A OUTPUT: AC 3PH0-400V 32A (Conforming To Existing At Site)	1	Nos.				
947	Exhaust Fan (6x6 AC 220/240) (Conforming To Existing At Site)	4	Nos.				
948	Push Button Switch (ZB2-BE102C AC220/240) (Conforming To Existing At Site)	4	Nos.				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
949	ON/OFF Switch 6 Pin (KCD4) 16A (Conforming To Existing At Site)	10	Nos.				
950	Breaker (Schneider) (C6 220/240 Single Pole) (Conforming To Existing At Site)	8	Nos.				
951	MCB Breaker (Schneider) C25 220/240 3- Pole (Conforming To Existing At Site)	8	Nos.				
952	Contactoer 40A 3-Pole (Conforming To Existing At Site)	4	Nos.				
953	Power Supply (TRACO POWER) TSL-030-124 (Conforming To Existing At Site)	2	Nos.				
954	Delta PLC MODULE (DVP-32EH) (Conforming To Existing At Site)	1	Nos.				
955	Electromagnetic Relay (24VDC 2-Pole) (Conforming To Existing At Site)	5	Nos.				
956	2-way Solenoid Valve 1/4" (UD-8) UNI-D (Conforming To Existing At Site)	4	Nos.				
957	Pressure Guage 0-100 kPa 1/4" (WEISS/SYSCO) Dry Type Dia 2" (Conforming To Existing At Site)	8	Nos.				
958	Pressure Switch 0-7.5 Bar 1/4" (WEISS/SYSCO) Dry Type Dia 2" (Conforming To Existing At Site)	8	Nos.				
959	Pressure Guage 0-16 bar 1/4" (WEISS/SYSCO) Dry Type Dia 2" (Conforming To Existing At Site)	8	Nos.				
960	Pressure Guage 0-15 bar 1/4" (WEISS/SYSCO) Dry Type Dia 2" (Conforming To Existing At Site)	8	Nos.				
961	Pressure Guage 0-10 bar 1/4" (WEISS/SYSCO) Dry Type Dia 2" (Conforming To Existing At Site)	8	Nos.				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
962	Vacuum Guage 0 to -750 mm Hg Dry Type 1/4 Dia 1x1/4 (Conforming To Existing At Site)	8	Nos.				
963	Safety Guage 0-16 bar , 0-200 lbf/in2 (OXYGEN) Dry type 1/4 Dia 3" (Conforming To Existing At Site)	8	Nos.				
964	Pneumatic Pipe (Teflon Tranparent) 6mm -40 C to + 80 C 18~32 bar (Conforming To Existing At Site)	100	meter				
965	Pneumatic Pipe (Teflon Tranparent) 4mm -40 C to + 80 C 18~32 bar (Conforming To Existing At Site)	100	meter				
966	Ball Valve (SS) DN15 1/2" Ketz 316 (Conforming To Existing At Site)	4	Nos.				
967	Ball Valve (SS) DN15 1 x 1/4" Ketz 316 (Conforming To Existing At Site)	4	Nos.				
968	Ball Valve (SS) DN15 2" Ketz 316 (Conforming To Existing At Site)	4	Nos.				
969	Ball Valve (SS) DN15 3" Ketz 316 (Conforming To Existing At Site)	4	Nos.				
970	Ball Valve (SS) DN25 1" Ketz 316 (Conforming To Existing At Site)	4	Nos.				
971	Pressure Guage 0-150 PSI Liquid Filled Dia 4" (Conforming To Existing At Site)	8	Nos.				
972	Direct Acting Small NC Magnetic Valves (1/4" 2W-025-08 AC 220V) (Conforming To Existing At Site)	4	Nos.				
973	MCB Breaker (Schneider) 3-Pole 25A (Conforming To Existing At Site)	2	Nos.				
974	Contactoer 3-Pole LC1D18 Schneider 18A (Conforming To Existing At Site)	6	Nos.				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
975	Timer (230V, (TA23) 50HZ, (KRONOS) (Conforming To Existing At Site)	2	Nos.				
976	Timer (TS60 120 VDC Switch depth behind plate: 2-1/4" Switch time repeatable +/- 10%) (Conforming To Existing At Site)	2	Nos.				
977	Phase Voltage (TS60 120 VDC Switch depth behind plate: 2-1/4" Switch time repeatable +/- 10%) (Conforming To Existing At Site)	1	Nos.				
978	Overload 3-Pole (LRD 21 Schneider) 12-18A (Conforming To Existing At Site)	2	Nos.				
979	Breaker (Schneider) Singal Pole 10A Schneider (Conforming To Existing At Site)	8	Nos.				
980	Selector Switch 2-Way Selector 10A (TS-EN60947-3), CE (IEC 609*47-3) (Conforming To Existing At Site)	2	Nos.				
981	Selector Switch ABB (ON/OFF) (OT63F3) 63A (Conforming To Existing At Site)	1	Nos.				
982	Fuse 50A, 500AC (ELMARK) (Conforming To Existing At Site)	3	Nos.				
983	DATA Cable (000786 PVC80C 300V) (Conforming To Existing At Site)	5	meter				
984	Blower with Motor (BUSCH) (1.5 KW, 205HP, 2800RPM) (Conforming To Existing At Site)	2	Nos.				
985	Bearing 6205Z NTN/SKF (Conforming To Existing At Site)	4	Nos.				
986	Oil Seal (FP-36 (30 42 07) (Conforming To Existing At Site)	6	Nos.				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
987	LED Pannel (Simatic Panel Touch-KTP600 Basic PN Mono(6AV6 647-0 AB11-3AX0) (Conforming To Existing At Site)	1	Nos.				
988	Power Supply (AB) Quality Allen Bradley (1606-XLE 120EE, AC-200/240 Volt/DC24V/5A) (Conforming To Existing At Site)	2	Nos.				
989	Relay (Comat Swiss-DC24V) (Conforming To Existing At Site)	3	Nos.				
990	Contacter 4 -Pole (AB K40E) 10A ABB (Conforming To Existing At Site)	2	Nos.				
991	Contacter 3-Pole (AB K05) 5A ABB (Conforming To Existing At Site)	2	Nos.				
992	Module (Siemens) (S7-1200) (Conforming To Existing At Site)	2	Nos.				
993	Overload 3-Pole (3ZX1012-0RW40-2DA1) 10A ABB (Conforming To Existing At Site)	2	Nos.				
994	Breaker 3-Pole (AB-140M-C2T) 230A ABB (Conforming To Existing At Site)	2	Nos.				
995	Breaker 3-Pole (NCN 316) 16A HAGER (Conforming To Existing At Site)	2	Nos.				
996	Breaker 3-Pole (NCN 013 C13) 13A HAGER (Conforming To Existing At Site)	2	Nos.				
997	ON/OFF Switch Schneider (IEC/EN 60947-3,25A,15KW) (Conforming To Existing At Site)	2	Nos.				
998	Module Part Simatic (S7-1200, S-ZVDNYAN015589/SM-1231-A1) (Conforming To Existing At Site)	2	Nos.				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
999	Oxygen Globe valve DN/SIZE 50 mm, G2 PS: 16bar Dp: 10 bar, TS: -10 C/+60 C Pilot: Air/Water 4-10 bar TS AMB: -10 C /+60 C CAT NO: E290A485PDN WITH FITTING (As per Existing at Plant) (Conforming To Existing At Site)	2	Nos.				
1000	Oxygen Globe valve DN/SIZE 40 mm, G 1 x 1/2" PS: 15 bar Dp: 8 bar, TS: -10 C/+60 C Pilot: Air/Water 4-10 bar TS AMB: -10 C /+60 C CAT NO: E290A021NPDVM WITH FITTING (As per Existing at Plant) (Conforming To Existing At Site)	6	Nos.				
1001	Oxygen Globe valve DN/SIZE 20 mm, G 1 x 3/4" PS: 15 bar Dp: 8 bar, TS: -10 C/+60 C Pilot: Air/Water 4-10 bar TS AMB: -10 C /+60 C CAT NO: E290B027N WITH FITTING (As per Existing at Plant) (Conforming To Existing At Site)	2	Nos.				
1002	NUMATICS/AVENTICS SOL-PILOT VALVE 2002 SERIES DUAL 3 WAY NC 24VDC (R20BBD00MP00061) (Conforming To Existing At Site)	2	Nos.				
1003	Medical Oxygen Sensing Transducer HUMMINGBIRD SENSING 01111E000 (Conforming To Existing At Site)	2	Nos.				
1004	Pressure Switches and Gauge Adaptors - Low Pressure Switch - adjustable 1.45 - 14.5psi (Conforming To Existing At Site)	10	Nos.				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
1005	Pressure Switches and Gauge Adaptors - High Pressure Switch - adjustable 1.45 - 14.5psi (Conforming To Existing At Site)	10	Nos.				
1006	Transformer SAX-6 Alarm 240V 0.075A (Conforming To Existing At Site)	25	Nos.				
1007	AVSU Pannel Circuit Board (Existing at Plant) (Conforming To Existing At Site)	10	Nos.				
1008	Black Power Cord 10A 00118 011 (As Existing at Plant) (Conforming To Existing At Site)	200	Nos.				
1009	Black Power Cord 10A 3-Pins (As Existing at Plant) (Conforming To Existing At Site)	200	Nos.				
1010	Multi Head Piston complete set (Oil Free Compressor) (As Existing at Plant) (Conforming To Existing At Site)	3	Nos.				
1011	Pulley (Oil Free Compressor) (As Existing at Plant) with Compressor (Conforming To Existing At Site)	4	Nos.				
1012	Transparent Wire Hose Pipe 3 x 1/4" (Conforming To Existing At Site)	30	meter				
1013	Pulley (Oil Free Compressor) (As Existing at Plant) with Motor (Conforming To Existing At Site)	4	Nos.				
1014	Copper Fitting L-Bow 1/2" (Conforming To Existing At Site)	20	Nos.				
1015	Copper Fitting T 1/2" (Conforming To Existing At Site)	20	Nos.				
1016	Copper Pipe 1/2" (Conforming To Existing At Site)	200	Feet's				
1017	Copper Reducer 1/2" x 3/8" (Conforming To Existing At Site)	20	Nos.				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
1018	Copper T 1/2" x 3/8" (Conforming To Existing At Site)	20	Nos.				
1019	Copper Fitting Socket 1/2" (Conforming To Existing At Site)	20	Nos.				
1020	Copper Fitting L-Bow 3/8" (Conforming To Existing At Site)	20	Nos.				
1021	Copper Fitting T 3/8" (Conforming To Existing At Site)	20	Nos.				
1022	Copper Pipe 3/8" (Conforming To Existing At Site)	200	Feet's				
1023	Copper Reducer 3/8" x 1/2" (Conforming To Existing At Site)	20	Nos.				
1024	Copper Fitting Socket 3/8" (Conforming To Existing At Site)	20	Nos.				
1025	Copper Fitting L-Bow 7/8" (Conforming To Existing At Site)	20	Nos.				
1026	Copper Fitting T 7/8" (Conforming To Existing At Site)	20	Nos.				
1027	Copper Pipe 7/8" (Conforming To Existing At Site)	30	Feet's				
1028	Copper Reducer 7/8" x 1/2" (Conforming To Existing At Site)	20	Nos.				
1029	Copper T 7/8" x 1/2" (Conforming To Existing At Site)	20	Nos.				
1030	Copper Fitting Socket 7/8" (Conforming To Existing At Site)	20	Nos.				
1031	Copper Fitting L-Bow 1 1/8" (Conforming To Existing At Site)	20	Nos.				
1032	Copper Fitting T 1"x1/8" (Conforming To Existing At Site)	20	Nos.				
1033	Copper Pipe 1 1/8" (Conforming To Existing At Site)	50	Feet's				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
1034	Copper Reducer 1 1/8" x 7/8" (Conforming To Existing At Site)	20	Nos.				
1035	Copper T 1 1/8" x 7/8" (Conforming To Existing At Site)	20	Nos.				
1036	Copper Fitting Socket 1 1/8" (Conforming To Existing At Site)	20	Nos.				
1037	Flexible Rubber Pipe 3/4" (Water Purpose) (Conforming To Existing At Site)	30	meter				
1038	Air Compressor Hose Pipe 8mm (Conforming To Existing At Site)	30	meter				
1039	Flexible Hose Pipe 8 x 5 mm Black (Conforming To Existing At Site)	50	meter				
1040	Flexible Hose Pipe 8 x 5 mm Transparent (Conforming To Existing At Site)	50	meter				
1041	Flexible Hose Pipe 8 x 5 mm White (Conforming To Existing At Site)	50	meter				
1042	PVC Braided Pipe 8 x 5 mm (Conforming To Existing At Site)	50	meter				
1043	Green Net Mesh (Conforming To Existing At Site)	30	meter				
1044	3M Air Muff (Conforming To Existing At Site)	9	Nos.				
1045	EOCR 5-60A SCHNEIDER (Conforming To Existing At Site)	5	Nos.				
1046	Relay OMRON 10A 8 PINS (Conforming To Existing At Site)	5	Nos.				
1047	Timer DH48S-S 5A 0.1 Sec-99H (Conforming To Existing At Site)	5	Nos.				
1048	Breaker Single Pole 32A LEGRAND (Conforming To Existing At Site)	5	Nos.				
1049	Overload 230VSIEMENS 3RT1017-1AP01 12A (Conforming To Existing At Site)	5	Nos.				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
1050	Temperature Sensor PT-1000 Probe (Conforming To Existing At Site)	5	Nos.				
1051	Change Over 10A LZ-PT370730 SIEMENS (Conforming To Existing At Site)	5	Nos.				
1052	Hight Temperature Pipe 1" length 48" With Complete Fitting (As per Existing at Plant) (Conforming To Existing At Site)	10	Nos.				
1053	Hight Temperature Pipe 1/2" Length 30" With Complete Fitting (As per Existing at Plant) (Conforming To Existing At Site)	10	Nos.				
1054	Vacuum Analyzer Best Quality (Conforming To Existing At Site)	1	Nos.				
1055	Oxygen Analyzer Best Quality (Conforming To Existing At Site)	1	Nos.				
1056	Breaker TP-250 Mccb Terasaki (Conforming To Existing At Site)	3	Nos.				
	RO & BOILER ITEMS						
1057	Soleniod Valve RFS MODEL:2W25055-25, PRESS:0-7BAR, NORMAL: CLOSED, ORIFACE: 25MM, VOLTAGE 220V AC (Conforming To Existing At Site)	5	Nos.				
1058	EM Contactor JAPAN 26A 3 POLE PAK -12H NP – 15907, 50/60 Hz or Equivalent (Conforming To Existing At Site)	10	Nos.				
1059	Ball valve BALL VALVE (PN-1.5 MPa) 20 C < t < 120 C, 3/4" (Conforming To Existing At Site)	5	Nos.				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
1060	Ball valve BALL VALVE (PN-1.5 MPa) 20 C < t < 120 C, 1/2" (Conforming To Existing At Site)	5	Nos.				
1061	Ball valve BALL VALVE (PN-1.5 MPa) 20 C < t < 120 C, 1" (Conforming To Existing At Site)	5	Nos.				
1062	Below Down Valve (Hopkinsons-England) (Flange Type) Gate Valve, DN 40, 1" x 1/2", 5.9055 in (150 mm) (Conforming To Existing At Site)	1	Nos.				
1063	Below Down Valve (Hopkinsons-England) (Flange Type) Gate Valve, DN 20, 4.133 in (105 mm), 3/4" (Conforming To Existing At Site)	1	Nos.				
1064	Gas Controller RMG88.62C2, 220-240V, 50/60Hz, TSA 3s, SIEMENS AG (Conforming To Existing At Site)	1	Nos.				
1065	Servo motor Damper Actuators LKS 216-21 (B1-15 S2),200-240V, 50/60Hz, 70%ED, t: 15 s/90 rad, M: 3Nm, F 0000023, CONECTRON Honeywell (Conforming To Existing At Site)	1	Nos.				
1066	EM Contactor CHINT 20A, 3 POLE, CJX2-09, 14048.4, 50/60Hz or Equavalent (Conforming To Existing At Site)	5	Nos.				
1067	Stainer PN 16, 2" (Conforming To Existing At Site)	5	Nos.				
1068	Flange NRV (Non-Return Valve) PN16, 2" (Conforming To Existing At Site)	4	Nos.				
1069	Gas Control Valve (MADAS) 1/2", Pe: 0.5-1.5 bar (-15----+60)C (Conforming To Existing At Site)	1	Nos.				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
1070	AUTOMATIC GAS REGULATED VALVE (DUNGS) (Germany) 1/2", MB-DLE 415 B01 S20, Pmax: 360 mbar / 36 kPa - 15t70, PBr 4-33 mbar / 0 4-3.9 kPa, EN: 161 K1 A Gr 2 EN 88, CE-0085AP3156 (Conforming To Existing At Site)	1	Nos.				
1071	Tubular Gauge Glasses 16mm x 12" (Conforming To Existing At Site)	4	Nos.				
1072	Gas Protector Relay UK-202F AC200-240V 50-60Hz/4.5VA (Conforming To Existing At Site)	2	Nos.				
1073	Pressure Guage 0-1.6MPa 1/2" (Conforming To Existing At Site)	2	Nos.				
1074	Boiler Controller YLZK-H1 (Conforming To Existing At Site)	1	Nos.				
1075	High Temperature Flexible Conduite pipe Outer Diameter 23mm (Conforming To Existing At Site)	40	meter.				
1076	Siemens Burners - SQN90.570A2793 SERVO MOTOR DAMPER ACTUATOR, COUNTERCLOCKWISE ROTATION, DOUBLE POINTER, 50/60HZ, 8VA, 220-240VAC (Conforming To Existing At Site)	1	Nos.				
1077	End Cap (Lock Type) 300 Psi, 8" x 40 " (Conforming To Existing At Site)	2	Nos.				
1078	Breaker HT (Schneider) 6-10A 3 POLE GV2-M14,IEC947-2,947-4-1 50/60 Hz or Equivalent (Conforming To Existing At Site)	3	Nos.				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
1079	Breaker HT (Schneider) 13-18A 3 POLE GV2-M20,IEC947-2,947-4-1 50/60 Hz or Equivalent (Conforming To Existing At Site)	3	Nos.				
1080	Relay FLINDER 60.12.8.230.0040, 10A-250V or Equivalent (Conforming To Existing At Site)	15	Nos.				
1081	BALL BEARING 6206Z NTN Japan (Conforming To Existing At Site)	10	Nos.				
1082	BALL BEARING 6306Z NTN Japan (Conforming To Existing At Site)	10	Nos.				
1083	BALL BEARING 6203Z NTN Japan (Conforming To Existing At Site)	10	Nos.				
1084	BALL BEARING 6204Z NTN Japan (Conforming To Existing At Site)	10	Nos.				
1085	BALL BEARING 6205Z NTN Japan (Conforming To Existing At Site)	10	Nos.				
1086	BALL BEARING 6202Z NTN Japan (Conforming To Existing At Site)	10	Nos.				
1087	BALL BEARING 6201Z NTN Japan (Conforming To Existing At Site)	10	Nos.				
1088	BALL BEARING 6000Z NTN Japan (Conforming To Existing At Site)	10	Nos.				
1089	BALL BEARING 6300Z NTN Japan (Conforming To Existing At Site)	10	Nos.				
1090	Float Switch Best Quality (Italy) (Conforming To Existing At Site)	12	Nos.				
1091	Overload 10A (Conforming To Existing At Site)	5	Nos.				
1092	Overload 15A (Conforming To Existing At Site)	5	Nos.				
1093	Overload 3TH82 (10A) (Conforming To Existing At Site)	5	Nos.				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
1094	Overload 3TF (40) (10A) (Conforming To Existing At Site)	5	Nos.				
1095	Overload 3TF (42) (10A) (Conforming To Existing At Site)	5	Nos.				
1096	Breaker HT (Schneider) 13-18A Sin gal POLE GV2-M20,IEC947-2,947-4-1 50/60 Hz or Equivalent (Conforming To Existing At Site)	5	Nos.				
1097	Mechanical Seal CRN15-8 (A96481677P10341) (Conforming To Existing At Site)	3	Nos.				
1098	Mechanical Seal CRN20-8 (A96481677P10341) (Conforming To Existing At Site)	3	Nos.				
1099	Mechanical Seal CRN25-8 (A96481677P10341) (Conforming To Existing At Site)	3	Nos.				
1100	Mechanical Seal CRN10-8 (Conforming To Existing At Site)	3	Nos.				
1101	Votolic Coupling (SS) 1 1/2" (Conforming To Existing At Site)	12	Nos.				
1102	Selector Switch Two Way (Conforming To Existing At Site)	4	Nos.				
1103	OECR 0-15A (Conforming To Existing At Site)	5	Nos.				
1104	OECR 0-70A (Conforming To Existing At Site)	5	Nos.				
1105	OECR 0-35A (Conforming To Existing At Site)	5	Nos.				
1106	Pneumatic Pipe 6mm (Transparent) (Conforming To Existing At Site)	20	meter.				
1107	Barrel Nipple (MS) 3/4" (Conforming To Existing At Site)	48	Nos.				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
1108	Socket (MS) 3/4" (Conforming To Existing At Site)	48	Nos.				
1109	Fuse 1.6A 250V (Conforming To Existing At Site)	24	Nos.				
1110	Fuse 0.5A 250V (Conforming To Existing At Site)	24	Nos.				
1111	Fuse 10A 500V Dia 6 x30 (Conforming To Existing At Site)	12	Nos.				
1112	Fuse 20A 250V (Conforming To Existing At Site)	24	Nos.				
1113	Contactora 100-C16*10 24V AC (Conforming To Existing At Site)	6	Nos.				
1114	Temperature Sensor RTD (PT-100) (Conforming To Existing At Site)	2	Nos.				
1115	Solenoid Valve RFS MODEL:2W25055-25, PRESS:0-7BAR, NORMAL: CLOSED, ORIFACE: 25MM, VOLTAGE 220V AC (Conforming To Existing At Site)	2	Nos.				
1116	High Pressure Switch Danfoss 0.5-14 bar (Conforming To Existing At Site)	2	Nos.				
1117	Low Pressure Switch Danfoss 0.5-14 bar (Conforming To Existing At Site)	2	Nos.				
1118	Reset Pressure Switch Danfoss 0.5-14 bar (Conforming To Existing At Site)	2	Nos.				
1119	EM Contactora CHINT 20A, 3 POLE, CJX2-09, 14048.4, 50/60Hz or Equivalent (Conforming To Existing At Site)	2	Nos.				
1120	Strainer (Brass) 1/2 " (Conforming To Existing At Site)	6	Nos.				
1121	Strainer (Brass) 1" (Conforming To Existing At Site)	6	Nos.				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
1122	Strainer (Brass) 3/4" (Conforming To Existing At Site)	6	Nos.				
1123	Strainer (Brass) 1 1/2" (Conforming To Existing At Site)	6	Nos.				
1124	Strainer (Brass) 1 1/4" (Conforming To Existing At Site)	6	Nos.				
1125	Flood Valve 1" (Conforming To Existing At Site)	5	Nos.				
1126	Ball Float Steam Trapper 1/2", PN16, 66640,1440003 (Conforming To Existing At Site)	6	Nos.				
1127	Flange Non Return Valve (NRV) PN16, 1/2" (Conforming To Existing At Site)	6	Nos.				
1128	Flange Non Return Valve PN16, 3/4" (Conforming To Existing At Site)	6	Nos.				
1129	Capacitor 30 µf (Conforming To Existing At Site)	6	Nos.				
1130	Capacitor 20 µf (Conforming To Existing At Site)	6	Nos.				
1131	Capacitor 10 µf (Conforming To Existing At Site)	6	Nos.				
1132	Water Flood level Switch Italy Best Quality (Conforming To Existing At Site)	6	Nos.				
1133	Timer Type: ST3PA-B, AC220V, 3A BREAKING 0.3A, 50/60 Hz or Equivalent (Conforming To Existing At Site)	5	Nos.				
1134	Feed Pump Monoblock Pump, 1.1 KW, 50/60Hz, 2800RPM, 1.5HP, 220V (Conforming To Existing At Site)	1	Nos.				
1135	Feed Pump Vertical Multistage Pump 1.1KW, 50/60Hz, 220V (Conforming To Existing At Site)	1	Nos.				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
1136	TDS Tester (Portable) 0-9999 PPM (Conforming To Existing At Site)	1	Nos.				
1137	PH Meter (Smart Sensor), 0-14 PH (Conforming To Existing At Site)	1	Nos.				
1138	Hardness Ket Hanna Hardness HI3812 Single Parameter (Conforming To Existing At Site)	1	Nos.				
1139	Dosing Pump 0.5 LPM KOMPACT 230V 50Hz Cod. AMS200AHE0800 (Conforming To Existing At Site)	1	Nos.				
1140	Membrane (0.4) 8" x 40" (Conforming To Existing At Site)	2	Nos.				
1141	Soleniod Valve UNI-D 1", AC220V, ORIFACE 25, 50/60Hz, 0-0.8 Mpa (Conforming To Existing At Site)	5	Nos.				
1142	Gate valve Steam Type 1/2", PN16, 66640,1440003 200PSI (Conforming To Existing At Site)	4	Nos.				
1143	Soleniod Valve Pnematic Angle seat valves 200 PSI (Conforming To Existing At Site)	6	Nos.				
1144	Pressur Guage 3/4", 0-350 PSI (Conforming To Existing At Site)	6	Nos.				
1145	Pressur Guage 1/4", 0-200 PSI (Conforming To Existing At Site)	6	Nos.				
1146	Pressur Guage 1/2", 0-200 PSI (Conforming To Existing At Site)	6	Nos.				
1147	Hours Meter ARA 220v-240v 50Hz (Conforming To Existing At Site)	3	Nos.				
1148	Conductivity & Tds Meter Honest DDG-230 (Conforming To Existing At Site)	2	Nos.				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
1149	Compressor Pressure Regulator 0-16 bar 3/4" (Conforming To Existing At Site)	5	Nos.				
1150	AC Fan 12V, 6" x 6" (Conforming To Existing At Site)	4	Nos.				
1151	TEE SS 1 x 1/2" (Conforming To Existing At Site)	3	Nos.				
1152	Band SS 1 x 1/2" (Conforming To Existing At Site)	2	Nos.				
1153	Ball Valve SS 1 x 1/2" (Conforming To Existing At Site)	2	Nos.				
1154	N.R.V SS 1 x 1/2" (Conforming To Existing At Site)	1	Nos.				
1155	Flange SS 1 x 1/2" (Conforming To Existing At Site)	3	Nos.				
1156	Barrel Nipple SS 1 x 1/2" (Conforming To Existing At Site)	3	Nos.				
1157	Band SS 1" (Conforming To Existing At Site)	11	Nos.				
1158	Ball Valve SS 1" (Conforming To Existing At Site)	2	Nos.				
1159	TEE SS 1 " (Conforming To Existing At Site)	2	Nos.				
1160	Socket SS 1 x 1/2" (Conforming To Existing At Site)	2	Nos.				
1161	Pipe SS 9' x 1" (Conforming To Existing At Site)	20	Ft.				
1162	Pipe SS 8' x 1x1/2" (Conforming To Existing At Site)	20	Ft.				
1163	N.R.V SS 1" (Conforming To Existing At Site)	1	Nos.				
1164	Socket SS 1/2" (Conforming To Existing At Site)	2	Nos.				
1165	Elbow SS 1 x 1/2" (Conforming To Existing At Site)	1	Nos.				
1166	Barrel Nipple SS 1" (Conforming To Existing At Site)	1	Nos.				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
1167	Nut Nozzel SS 1" (Conforming To Existing At Site)	2	Nos.				
1168	Pipe SS 14' x 1" (Conforming To Existing At Site)	20	Ft.				
1169	Pressure Guage 300 PSI 1/2" WIKA (liquide Glysrean) EN837-1 (Conforming To Existing At Site)	4	Nos.				
1170	Pressure Guage 580 PSI 1/2" WIKA (liquide Glysrean) EN837-1 (Conforming To Existing At Site)	10	Nos.				
1171	PVC SCH-80 NRV 1 x 1/2" (Conforming To Existing At Site)	5	Nos.				
1172	Heater with Flange 6PCD (316SS, HS, 380V, 24KW, (15,9,60) (LWH) (Conforming To Existing At Site)	9	Nos.				
1173	Teflon Sheet (5mm, 50" x 50") (Conforming To Existing At Site)	2	Nos.				
1174	Stainless Steel Bolt (12 x 30 x 1.75) (Conforming To Existing At Site)	100	Nos.				
1175	AC Contactor (AC Contactor, 20A) (Conforming To Existing At Site)	4	Nos.				
1176	AC Fan (12V, 6" x 6") (Conforming To Existing At Site)	8	Nos.				
1177	Ampere Meter (0 – 400) (Conforming To Existing At Site)	2	Nos.				
1178	Volt Meter (0 – 450) (Conforming To Existing At Site)	2	Nos.				
1179	Heat Proof Cable 8mm (Conforming To Existing At Site)	4	Meter				
1180	Emergency Switch (No / NC 220V) (Conforming To Existing At Site)	4	Nos.				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
1181	Push Button Yellow (Conforming To Existing At Site)	2	Nos.				
1182	Push Button Green (Conforming To Existing At Site)	2	Nos.				
1183	Push Button Red (Conforming To Existing At Site)	2	Nos.				
1184	EOCR (0.5A-6A, 380V) (Conforming To Existing At Site)	2	Nos.				
1185	EOCR (0.5A-70A, 380V) (Conforming To Existing At Site)	2	Nos.				
1186	Indication Light Yelooow (Conforming To Existing At Site)	2	Nos.				
1187	Indication Light Green (Conforming To Existing At Site)	2	Nos.				
1188	Indication Light Red (Conforming To Existing At Site)	2	Nos.				
1189	Relay (3A, 250V, Omron MY2N – J) (Conforming To Existing At Site)	5	Nos.				
1190	STEAM VALVE DANFOSS 3/4" Coil 018F7658 Type BY240CS 208-240V 60HZ 14W (Conforming To Existing At Site)	3	Nos.				
	ANCIELLARY ITEMS						
1191	(Semi Fowler Bed Model : 104-S) Bed Side Railings (Conforming To Existing At Site)	15	Pairs.				
1192	Wheels (4 Wheels Set) 5" (As per sample) (Conforming To Existing At Site)	15	Set				
1193	Crank Shaft With Handle (Conforming To Existing At Site)	25	Nos.				
1194	ABS Corner (As Per Sample) (Conforming To Existing At Site)	15	Pairs.				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
1195	(Two Functional Electric Bed Model : THR-ED 200D) Remote for Electric Bed (linak hbw0 75-025) (Conforming To Existing At Site)	10	Nos.				
1196	Side Rail Left & Right (Major 1 & 2) (Conforming To Existing At Site)	10	Pairs.				
1197	Wheels (4 Wheels Set) (Major 1 & 2) (Conforming To Existing At Site)	25	Pairs.				
1198	Control Box CB6404+10019 (LINAK) (Conforming To Existing At Site)	3	Nos.				
1199	Electric Linear Actuator (Cylinder) (LINAK 274200A11150040) (Conforming To Existing At Site)	5	Nos.				
1200	Electric Linear Actuator (Cylinder) (LINAK 274200A11200040) (Conforming To Existing At Site)	10	Nos.				
1201	Electric Linear Actuator (Cylinder) (LINAK 274200A11100040) (Conforming To Existing At Site)	5	Nos.				
1202	Four Functional Electric Bed (HillRoom) Side Rail Left & Right (Major 1 & 2) (Conforming To Existing At Site)	3	Pairs.				
1203	Electric Linear Actuator (Cylinder) ILCO DRIVE OZ OZ-SW-303-80-C1-24-IPX4 (Conforming To Existing At Site)	5	Nos.				
1204	ILCO DRIVE ab00979sn1303018506 Electric Linear Actuator (Cylinder) (Conforming To Existing At Site)	5	Nos.				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
1205	Luxurious rise & Stretcher cart THR III) ABS SIDE Rail with Cylinder (Conforming To Existing At Site)	20	Pairs.				
1206	Head Rest Cylinder (Conforming To Existing At Site)	25	Nos.				
1207	Revolving Chairs Wheels 1.5" (5 Wheels Set) (Conforming To Existing At Site)	25	Pairs.				
1208	Wheel Base Caster (Conforming To Existing At Site)	100	Nos.				
1209	Hydrolic Cylinder for revolving Chairs (Conforming To Existing At Site)	100	Nos.				
1210	Revolving chair top base (Conforming To Existing At Site)	50	Nos.				
1211	Plastic Arm Rest (Conforming To Existing At Site)	200	Pairs.				
1212	Metal Locker (3.75' x 1.5' x 6") Base Frame (Conforming To Existing At Site)	100	Nos.				
1213	Khass Lock (Conforming To Existing At Site)	50	Nos.				
1214	Patient Bed Over head Table (Plastic Top) (Conforming To Existing At Site)	50	Nos.				
1215	Wheel 1.5" (Conforming To Existing At Site)	20	Pairs.				
1216	Cylinder (Conforming To Existing At Site)	25	Nos.				
1217	Diathermy (Powder Coating) (Conforming To Existing At Site)	5	Nos.				
1218	Iron Stretcher (Wheel) 6" (Conforming To Existing At Site)	20	Pairs.				
1219	Heavy Duty Stude Type Wheel 8" (Conforming To Existing At Site)	2	Pairs.				
1220	Power Cable 145 A Three Pin (Conforming To Existing At Site)	100	Nos.				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
1221	Hexa Bolt Half Threaded 8 x 24 x 1.25 mm (Conforming To Existing At Site)	3	Kg.				
1222	Hexa Bolt Half Threaded 10 x 35 x 1.25 mm (Conforming To Existing At Site)	3	Kg.				
1223	Hexa Bolt Half Threaded 8 x 90 x 1.25 mm (Conforming To Existing At Site)	3	Kg.				
1224	Hexa Bolt Half Threaded 8 x 55 x 1.25 mm (Conforming To Existing At Site)	3	Kg.				
1225	Hexa Bolt Half Threaded 10 x 57 x 1.5 mm (Conforming To Existing At Site)	3	Kg.				
1226	Hexa Bolt 10 x 35 x 1.5 mm (Conforming To Existing At Site)	3	Kg.				
1227	Hexa Bolt 10 x 90 x 1.25 mm (Conforming To Existing At Site)	3	Kg.				
1228	Hexa Bolt 9 x 24 x 1.5 mm (Conforming To Existing At Site)	6	Kg.				
1229	Hexa Bolt 5 x 16 x 0.8 mm (Conforming To Existing At Site)	3	Kg.				
1230	Hexa Bolt 5 x 12 x 0.8 mm (Conforming To Existing At Site)	3	Kg.				
1231	Hexa Nut 7 x 1.5 mm (Conforming To Existing At Site)	3	Kg.				
1232	Hexa Nut 5 x 1.5 mm (Conforming To Existing At Site)	3	Kg.				
1233	LN Bolt 6 x 25 G (Conforming To Existing At Site)	3	Kg.				
1234	Counter Sink bolt 9 x 60 x 16G (Conforming To Existing At Site)	3	Kg.				
1235	Counter Sink bolt Half threaded 8 x 53 x 1.25 mm (Conforming To Existing At Site)	3	Kg.				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
1236	Counter Sink bolt Half threaded 9 x 56 x 1.5 mm (Conforming To Existing At Site)	3	Kg.				
1237	Hexa Bolt 4mm x 0.7mm (Conforming To Existing At Site)	3	Kg.				
1238	Hexa Bolt 10mm x 1.25mm (Conforming To Existing At Site)	3	Kg.				
1239	Hexa Bolt 14 mm x 2.0 mm (Conforming To Existing At Site)	3	Kg.				
1240	Hexa Bolt 5 mm x 0.8 mm (Conforming To Existing At Site)	3	Kg.				
1241	Hexa Bolt 10 mm x 1.0 mm (Conforming To Existing At Site)	3	Kg.				
1242	Hexa Bolt 14 mm x 1.0 mm (Conforming To Existing At Site)	3	Kg.				
1243	Hexa Bolt 7 mm x 1.0 mm (Conforming To Existing At Site)	3	Kg.				
1244	Hexa Bolt 12 mm x 1.75 mm (Conforming To Existing At Site)	3	Kg.				
1245	Hexa Bolt 8 mm x 1.25 mm (Conforming To Existing At Site)	3	Kg.				
1246	Hexa Bolt 12 mm x 1.5 mm (Conforming To Existing At Site)	3	Kg.				
1247	Hexa Bolt 16 mm x 2.0 mm (Conforming To Existing At Site)	6	Kg.				
1248	Hexa Bolt 10 mm x 1.5 mm (Conforming To Existing At Site)	3	Kg.				
1249	Hexa Bolt 12 mm x 1.25 mm (Conforming To Existing At Site)	3	Kg.				
1250	Hexa Bolt 16 mm x 1.5 mm (Conforming To Existing At Site)	3	Kg.				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
1251	Washer 20 mm x 43 mm x 6" (Conforming To Existing At Site)	5	Kg.				
1252	Grease Nipple 1/4" (Conforming To Existing At Site)	20	Nos.				
1253	Grease Nipple 5/16" (Conforming To Existing At Site)	20	Nos.				
1254	Grease Nipple 1/8" (Conforming To Existing At Site)	20	Nos.				
1255	Hexa Nut 13 x 1.5 mm (Conforming To Existing At Site)	2	Kg.				
1256	Hexa Nut 13 x 1.75 mm (Conforming To Existing At Site)	2	Kg.				
1257	Hexa Nut 13 x 1.25 mm (Conforming To Existing At Site)	2	Kg.				
1258	Ignition Transformer 11.5 KW ZUENDRAFO ITALY (Conforming To Existing At Site)	2	Nos.				
1259	RO PVC Connector (Conforming To Existing At Site)	8	Nos.				
1260	Centrifugal CRN5-24 A - FCJ-G-V-HUBV 4.0 KW FLANGE TYPE GRUNDFOSE (Conforming To Existing At Site)	1	Nos.				
1261	Centrifugal CRN5-15 A - FCJ-G-V-HUBV 2.2 KW FLANGE TYPE GRUNDFOSE (Conforming To Existing At Site)	1	Nos.				
1262	Pressure Vessel 8"/40" (Conforming To Existing At Site)	2	Nos.				
1263	Fyber vessel 16"/65" (Conforming To Existing At Site)	2	Nos.				

S.#	ITEM DESCRIPTION	TENTATIVE QTY.	U.O.M	QUOTED PRODUCT DESCRIPTION / MAKE / BRAND NAME	COUNTRY OF ORIGIN	UNIT PRICE	TOTAL AMOUNT
1264	4C-0.5mm2 Control cable PAKISTAN CABLES (Green Colour) (Conforming To Existing At Site)	5	Coil				
1265	1C-4mm2 cable PAKISTAN CABLES (Green Colour) (Conforming To Existing At Site)	2	Coil				
1266	1C-6mm2 Earth cable PAKISTAN CABLES (Green Colour) (Conforming To Existing At Site)	2	Coil				
1267	Feed Through Terminal ,Screw Connection , 2.5mm ²	50	Nos.				
1268	Feed Through Terminal ,Screw Connection , 4mm ²	50	Nos.				
Total Amount							
Bid Security 5%							

Note:

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

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

Name of Firm: - _____

Full Address: - _____

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

Email Address (if any) _____

BID LETTER FORM

From:

(Registered name and address of the bidder)

To:

Executive Director,

Shaheed Mohtarma Benazir Bhutto Institute of Trauma,

Karachi – 74200

Dear Sir / Madam,

Having examined the bidding document and amendment thereon we undersigned, offer to provide services to the works including in conformity with the terms and conditions of the bidding document and amendments there on, for the following work 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 Term & conditions, Special Conditions and all criteria of bidding document 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:

	Guarantor (Bank)
1.	_____
	(Name, Title, Signature & Seal)
Signature:	_____
2.	_____
	(Name, Title, Signature & Seal)
	Name: _____
	Title: _____

AFFIDAVIT (on Judicial Stamp Paper)

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

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

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

Signatures with stamp

Name: _____

Designation: _____

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

For Messrs. [Name of Supplier]

UNDERTAKING (Stipulated Time)

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

Signatures with stamp

Name: _____

Designation: _____

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

For Messrs. [Name of Supplier]

INTEGRITY PACT

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

Contract Number: **NO.**

Dated:

Contract Value: **Rs.**

Contract Title: **Tender Title**

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

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

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

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

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

M/s. _____

Executive Director / DDO