

PESHAWAR INSTITUTE OF CARDIOLOGY MEDICAL TEACHING INSTITUTION

BID SOLICITATION DOCUMENTS FOR Hardware, Sanatory, Electrical and Civil Items (Leftover) 3rd time

Framework Contract

REF: (PIC-060)

Single Stage Single Envelope

Note: The prospective bidder is expected to examine the Bidding Documents carefully, including all Instructions, Terms & Conditions, and Specifications etc. Failure to furnish all information required by the Bidding documents or submission of a Bid not substantially responsive to the Bidding Documents in every respect would result in the rejection of the Bid.

INTRODUCTION:

Peshawar Institute of Cardiology PIC-MTI Peshawar located at 5-A, Sector B-3, Phase-V, Hayatabad, Peshawar, KP was established under Khyber Pakhtunkhwa Medical Teaching Institutions Reforms Act, 2015 to improve performance, enhance effectiveness, efficiency and responsiveness for the provision of quality healthcare services to the people of the Khyber Pakhtunkhwa,

Peshawar Institute of Cardiology PIC-MTI Peshawar invites Item wise sealed bids for No category (mentioned in Statement of Requirement below) from the eligible bidders (Company/ Sole Proprietor / General Order Supplier/Firm) for procurement of Hardware, Sanatory, Electrical & Civil Items (Leftover) 3rd time through Open Competitive Bidding under rule 6(2) (a) "Single Stage Single Envelope" bidding procedures of Khyber Pakhtunkhwa Public Procurement Regulatory Authority (KPPRA) Rules 2014.

Description	Dates
Pre-bid meeting	Date: 03-01-2023 at 10:00 am
Tender Closing/Last submission	Date: 12-01-2023, Time:11:00 Hours
Tender Opening	Date: 12-01-2023, Time:11:30 Hours
Bid security	100,000/- Rs.
Tender Process	Single Stage Single Envelope
Tender Validity/Prices Validity	30 th June, 2023.

1. INSTRUCTIONS TO BIDDERS:

- 1.1. This Bidding procedure will be conducted in light of Framework Contract (Rule 31-A) of Khyber Pakhtunkhwa Public Procurement Regulatory Authority (KPPRA) Rules 2014.
- 1.2. The rate shall be considered for Peshawar Institute of Cardiology PIC-MTI Peshawar
- 1.3. Bid complete in all respect must reach the undersigned by 11:00 hrs on **12-01-2023** which will be opened at 11:30 hrs on the same day in the office of Manager Material Management, 1st floor, OPD block in the presence of the procurement committee and the bidders / representatives who choose to be present.
- 1.4. No Bidder SHALL write the name of the quoted brand along with complete specifications.
- 1.5. All the bidders are required to provide annexure wise complete requisite documents with page marking.
- 1.6. All prices quoted must be in Pak Rupees (PKR) and should include all applicable taxes. If not specifically mentioned in the Quotation, it will be presumed that the prices include all the taxes.
- 1.7. If any of the bidder requires any clarification regarding specification, Size, quality, orany other query, he may visit MMD(PIC) during working hours till deadline for submission of the bids.
- 1.8. Bidders should be financially sound and have proper office, telephone number and fax number in Khyber Pakhtunkhwa.
- 1.9. Bidders are essentially required to provide correct and latest postal/email/web addresses, phone/mobile/fax numbers for actively and timely communication.
- 1.10. The Bidder may after its submission withdraw its bid prior to the expiry of the deadline prescribed for submission of bids. Withdrawn bids will be returned unopened to the Bidders.
- 1.11. The bidder must attach the original receipt along with the bidding document submitted to this institution. In case of photocopy, bank draft of equal amount must be attached.
- 1.12. Any bid not received as per terms and conditions laid down in this document areliable to be ignored. No offer shall be considered if:
 - a. Received without bid security as mentioned in BSD.
 - b. Received after the date and time fixed for its receipt;
 - c. The tender document and the bid unsigned;
 - d. The offer is ambiguous;
 - e. The offer is conditional;

- f. The bidder is from blacklisted firm in any Federal / Provincial Govt. Deptt:
- 1.13. Usage of correction fluid & corrections will not be considered unless duly signed by the authorize person.
- 1.14. Joint venture / consortium are not eligible for this tender.
- 1.15. In case of Bid Tie, sample will be called from the firm and the Purchase Order will be awarded to the firm provide the better-Quality sample.
- 1.16. Bidders are required to clearly mark on the envelop as Bid for "Hardware, Sanatory, Electrical & Civil Items (leftover) 3rd time"
- 1.17. Any direct or indirect effort by a bidding firm to influence this institution during the process of selection of a bidder or award of contract may besides rejection of its bid result into its disqualification from participation in the PIC future bids.
- 1.18. Competent Authority reserves the right to reject any or all the bids as per provisions contained in Rule 47 of KPPRA Rules 2014.

2. BID SECURITY FOR HARDWARE, SANATORY, ELECTRICAL & CIVIL ITEMS (LEFTOVER) 3rd time

- 2.1. Bid security shall be submitted to the amount of PKR 100,000/- in shape of bank guarantee / Call Deposit Receipt (CDR) from schedule bank of Pakistan in favor of "Hospital Director Peshawar Institute of Cardiology PIC MTI". A bid accompanied by Pay Order (PO) shall be rejected as non-responsive.
- 2.2. Bid Security of the unsuccessful bidders shall be released as promptly as possible upon the successful Bidder's furnishing of the performance security;
- 2.3. The bid security of the successful bidder will be consider as the performance security till the validity of tender/contract.

2.4. The Bid security shall be forfeited:

- a. If a bidder withdraws his bid during the period of bid validity; or
- b. In the case of a successful bidder, if he fails to:
 - i. Sign the contract agreement.
 - ii. Fails to supply as per purchase order.

3. **BID VALIDITY**:

- 3.1. The bids should be valid for a period of 90 days.
- 3.2. In exceptional circumstances, PIC Hospital may solicit the Bidder's consent to an extension of the period of validity reasons shell be recorded in writing. The request and the responses there to shall be made in writing. The bid security provided shall also besuitably extended. A Bidder may refuse the request without forfeiting its bid security. A Bidder granting the request will not be required nor permitted to modify its bid, except asprovided in the bidding document.

4. ELIGIBILITY CRITERIA/MANDATORY

Bidders must give compliance to the below mentioned clauses as these are mandatory to being Eligible for the bidding process. Relevant certificates / documents must be attached.

S #	Description	Remarks
	Knock Out Clauses	YES/NO
1.	The bidder shall be Registered with FBR for Income Tax and Sales Tax and reflected on ActiveTax Payer List (ATL);	Mandatory
	(Provide copy of certificate of incorporation)	
2.	Bidder must have three (03) years' experiences in supply of Hardware, Sanitary, Electrical and Civil items.	Mandatory
	Note: Bidder Must attached Purchase Orders Government/Semi	
	Government/ Private organization of last three (03) years)	
	This undertaking should be tender specific. Submission of undertaking on legal valid and attested stamp paper that the firm is NOT BLACKLISTED by any of Provincial or Federal Government Department,	
4.	Agency, Organization or autonomous body anywhere in Pakistan. (Provide copy of affidavit attached as annex in this document on non-judicial stamp paper)	Mandatory
5	Undertaking on Bidder Letter Head as provided in Annexure -C in page No. 18	Mandatory
6.	Bid security Shall be attached as mentioned in the advertisement/BSD	Mandatory

5. EVALUATION AND COMPARISON OF BIDS

- 5.1. The Department will evaluate and compare the bids which have been determined to be substantially responsive (Eligibility Criteria).
- 5.2. Bids shall be evaluated against the given specifications and other terms & conditions mentioned in the Bid Solicitation Documents.
- 5.3. After preliminary examination, the responsive bidder(s) will be asked to provide the samples (Where required) of their quoted items and the same will be inspected/approved by the Sample Evaluation committee including technical members, if rejected by the committee/end user the purchase order will be placed to the Next Successful Bidder.
- 5.4. Rates of those items will be considered for comparisons which approved by the procurement committee
- 5.5. The Lowest Offer will be accepted, meeting the Specification / quality needs and ensuring value for money.
- 5.6. All the bidders will strictly follow the rate form attached as "Annexed-A"

6. OTHER TERM & CONDITIONS

- 6.1. This Bidding procedure will be conducted in light of Framework Contract (Rule 31-A) of Khyber Pakhtunkhwa Public Procurement Regulatory Authority (KPPRA) Rules 2014.
- 6.2. All the bidders will strictly follow the rate form attached as "Annexed-A"
- 6.3. Contracts shall be confirmed through a written agreement signed between successful bidder and the PIC-MTI Peshawar (**Draft attached as "Annex-B"**)
- 6.4. All the bidders will sign the Affidavit attached as "Annex-C"
- 6.5. Due to framework contract rate quoted by the bidder shall be valid till closing of Current Financial Year i.e June 30th 2023.
 - However extendable for three months that is 30-09-2023 or earlier till the finalization of new contract after the decision by the Competent Authority, Peshawar Institute of Cardiology PIC-MTI.
- 6.6. In case of a successful bidder, who repudiates the contract or fails to furnish performance and as the case may be shall proceed for blacklisting and the supply order will be placed to the Next Successful Bidder or from the alternative sources at the cost/risk of the

- concerned firm.
- 6.7. Bidders are advised in their best interest to maintain the required quality and not to quote for counterfeited or sub-standard items, as the inspection committee will ensure the quality of products at the time of supply of items.
- 6.8. If any of the given specifications/parameters does not meet the required specifications, their offer will not be considered and shall summarily be rejected by PIC-MTI Peshawar.
- 6.9. In case of repeated failure or non-supply the PIC-MTI Peshawar reserves the right to forfeit the bid security and may proceed for debarment / blacklisting.
- 6.10. No Items supplied shall strictly conform to the Schedule of Requirements and to the Technical Specifications prescribed by the PIC-MTI Peshawar against No item.
- 6.11. The Unit Cost agreed in the Price Schedule (Rate Form), is inclusive of all taxation and costs associated with transportation and other agreed incidental costs.
- 6.12. If the successful firm fails / delays in performance of any of the obligations, under the Contract / Letter of Award, violates any of the provisions of the Contract / Letter of Award, commits brNo of any of the terms and conditions of the Contract / Letter of Award or found to have engaged in corrupt or fraudulent practices in competing for the award of contract / Letter of Award or during the execution of the contract / Letter of Award, the institution may without prejudice to any other right of action / remedy it may have, blacklist the bidder, either indefinitely or for a stated period, for future tenders in public sector, as per provision of KP Procurement Rules, 2014.

7. DELIVERY OF THE ITEMS & PENALTIES.

7.1. **Delivery of Items.**

- a. The schedule for supply of goods shall be as under:
 - i. Within 30 days from the date of issuance of supply order by the Purchasing Agency for items to be locally available
 - Within 90 days from the date of issuance of supply order by the Purchasing Agency for items to be imported. (BL bill of lading should be attached)
- b. The Penalty on late supply of goods shall be charged as under
 - i. Penalty @ 2% for late supply up to 15 days from the date for Purchase order.
 - ii. Penalty @ 5% for late supply up to 30 days from the date for Purchase order.
 - iii. Penalty @ 10% for late supply beyond 30 days from the date for Purchase order.
 - iv. The bid security will be forfeited if the firms fails to supply the goods with in 150 days after issuance of purchase order.

8. AWARD OF CONTRACT:

Contracts shall be confirmed through a written agreement signed between successfulbidder and the Peshawar Institute of Cardiology MTI Peshawar attached as "Annex-B".

9. PAYMENT:

- 9.1. No advance payment will be permissible.
- 9.2. The payment will be made after successful supply, installation and inspection of all requisite items.
- 9.3. Payment of the bills will be subject to the deduction of government taxes.

10. PERFORMANCE SECURITY: -

The bid security shall be retained till the closing of the contract period i.e 30-06-2023, however no performance security shall be sought from the successful bidders. However, if contract extend then the bid security shall be valid up to extendable period.

BID FORM AND PRICE SCHEDULES FOR HARDWARE, SANATORY, ELECTRICAL & CIVIL ITEMS (LEFTOVER) $3^{\rm rd}$ time

Price Schedule in Pak. Rupees (including all applicable taxes)

Note:- All the bidders are required to follow the following pattern while preparing financial bids.

Name of Bidder	_PIC-060

HARDWARE, SANATORY, ELECTRICAL & CIVIL ITEMS (LEFTOVER) 3 rd time					
S#	Item Description	Brand Name	UOM (Unit of measurement)	Rate offered including taxes	Remarks

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

AGREEMENT DEED

FOR PROCUREMENT OF GOODS THROUGH FRAME WORK AGREEMENT

THIS AGREEMENT DEED is	made on this day of ()	and
made effective with effect from	() by and between, and	this
agreement will be valid till 30-06-2	2023	

Peshawar Institute of Cardiology, Medical Teaching Institute, Peshawar

situated at Phase-V, Hayatabad, Peshawar through its Hospital Director

(Hereinafter referred to as 'First Party' which expression shall unless repugnant to the context mean and include its heirs, executors, administrators, successors and assigns)

And

(Hereinafter referred to as **'Second Party'** which expression shall unless repugnant to the context mean and include its heirs, executors, administrators, successors and assigns).

(Both the above hereinafter collectively referred to as **'Parties'**)

WHEREAS the Second Party has agreed to supply <u>Hardware</u>, <u>Sanatory</u>, <u>Electrical and Civil Items (leftover) 3rd time PIC-060</u> (hereinafter referred as 'Goods') out of the fresh stock to the First Party on the following terms and conditions:

DEFINITIONS:

- a. 'Consideration' means the price payable to the Second Party by the First Party under this Agreement Deed for the full and proper performance of its contractual obligations.
- b. **'Equipment'** means all of the equipment, machinery, and/or other materials which the Second Party is required to supply to the First Party under this Agreement Deed.
- c. 'Services' means those services ancillary to the supply of the Equipment, such as transportation and insurance, and any other incidental services, such as installation, commissioning, provision of technical assistance, training, and other such obligations of the Second Party.
- d. 'Project Site' where applicable, means the place or places named in this Agreement Deed.
- e. 'Day' means a calendar day.
- f. 'Corrupt Practice' means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution.

- g. 'Fraudulent Practice' means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Borrower, and includes collusive practice among Bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the Borrower of the benefits of free and open competition.
- h. 'Force Majeure' means an event beyond the control of the Parties and not involving the Parties fault or negligence and not foreseeable. Such events may include, but are not restricted to, acts of the First Party in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.

TERMS AND CONDITIONS:

- 1. This Contract Agreement is made in light of Framework Contract (Rule 31-A) of Khyber Pakhtunkhwa Public Procurement Regulatory Authority (KPPRA) Rules 2014.
- 2. Due to framework contract rate quoted by the Second Party shall be valid till closing of Current Financial Year i.e June 30th 2023.

 However, extendable for three months that is 30-09-2023 or earlier till the finalization of new contract after the decision by the Competent Authority, Peshawar Institute of Cardiology PIC-MTI.
- 3. The Second Party shall supply the ordered equipments to the First Party exactly at the address of the official premises situated within the district of the judicial jurisdiction of the letter as provided in the supply order/purchase order.
- 4. The Second Party shall solely responsible for the safe and appropriate method and mode of transportation, loading, unloading and staking of the supplied items till, and it the time of delivery to the destination address indicated by the First Party.
- 5. The Second Party shall not claim or charge any transportation, loading/unloading, labour or any other charges, whatsoever, related to or in the name of logistics, accident, insurance, freight, toll tax, etc.
- 6. The Second Party shall supply all the equipment/goods in full conformity to the specification as laid down in the SBDS.
- 7. In case of repeated failure, non-supply or delays in performance of any of the obligations, under the Contract Agreement by the Second Party, Peshawar Institute of Cardiology PIC-MTI Peshawar reserves the right to proceed for debarment / blacklisting either indefinitely or for a stated period, for future tenders in public sector, as per provision of KP Procurement Rules, 2014.
- 8. Second Party shall deliver the Goods at the premises and precincts of Peshawar Institute of Cardiology.

- 9. The specification, quality, quantity of goods shall be in conformity to purchase orders, which shall be made part of this Agreement Deed. The Second Party shall include the ancillary Services attached with the Equipment/Goods.
- 10. The Equipment/goods supplied under this Agreement Deed shall conform to the standards mentioned in the Technical Specifications, and, when no applicable standard is mentioned, it shall conform to the authoritative standards appropriate to the Equipment's country of origin. Such standards shall be the latest issued by the concerned institution.
- 11. The second party shall provide exactly the same item as per approved sample from First Party.
- 12. Any increase in quoted prices, until this contract validity, from Second Party will not be acceptable to First Party.
- 13. The Second Party will be liable to complete the supply within stipulated time after the issuance of the Purchase order and will be according to following schedule.
 - a. Within 30 days from the date of issuance of supply order by the Purchasing Agency for items to be locally available
 - b. Within 90 days from the date of issuance of supply order by the Purchasing Agency for items to be imported. (BL bill of lading should be attached).
- 14. The Second Party will liable to complete the supply within stipulated time limit by confirming quality, quantity and timeline up to the entire satisfaction of First Party.
- 15. The Second Party warrants that the Equipment/Goods supplied under this Agreement Deed are brand new, unused, of the most recent or current models and that they incorporate all recent improvements in design and materials unless provided otherwise in this Agreement Deed. The Second Party further warrants that all Equipment supplied under this Agreement Deed shall have no defect, arising from design, materials, or workmanship (except when the design and/or material is required by the First Party specifications) or from any act or omission of the Second party, that may develop under normal use of the supplied Equipment in the conditions prevailing in the country of First Party.
- 16. The First Party shall promptly notify the Second Party in writing of any claims arising under this warranty.
- 17. The First Party, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the Second party, may terminate this Agreement Deed in whole or in part:
 - a. if the Second Party fails to deliver any or all of the Equipment/Goods within the period(s) specified in this Agreement Deed, or within any extension thereof granted by the First Party; or
 - b. if the Second Party fails to perform any other obligation(s) under this Agreement Deed.

- c. if the Second Party, in the judgment of the First Party has engaged in corrupt or fraudulent practices in competing for or in executing this Agreement Deed.
- 18. In case the Second Party failed to complete the supply till the due date i.e. 30 days from Issuance of the purchase order, a penalty as per detail below will be charged from the Second Party;
 - a. Penalty @ 2% for late supply up to 15 days from the date for Purchase order.
 - b. Penalty @ 5% for late supply up to 30 days from the date for Purchase order.
 - c. Penalty @ 10% for late supply beyond 30 days from the date for Purchase order.

The bid security will be forfeited if the firms fails to supply the goods within 150 days after issuance of purchase order.

- 19. The Second Party shall be responsible for the transportation of the Equipment/Goods and the transportation charges incurred thereof. The Second Party shall complete the supply and installation of goods within the stipulated period as mentioned in the supply order (Imported Items) from the date of execution of this agreement or as extended or reduced by the First Party. In case of failure of Second Party to supply the goods within the stipulated period, the First Party will be at liberty to make an alternate arrangement at the risk and cost of Second Party and the Second Party shall be liable to pay the entire cost/amount to the alternate supplier according to the demand of the First Party. In the event of commuting a default the First Party will be at liberty to take any civil/criminal legal action against the Second Party in accordance with law.
- 20. The Second Party shall be responsible for any defect in goods or supply of goods. The entire goods will be free of any charges and encumbrance of what so nature and the First Party or its agent will be authorized at all reasonable time to view, check and examine the conditions of the supplied Equipment/goods.
- 21. Upon demand made by the First Party at any time or from time to time, to execute all such instruments, deeds or documents which the First Party may in its sole discretion require, the Second Party will do the needful.
- 22. The First Party will be furnishing all such information as the Second Party may at any time or from time to time required relating to the position of goods and pecuniary liability of the First Party or otherwise whatever.
- 23. The Second Party shall not, without the prior written consent of First party, disclose this Agreement Deed, or any provision thereof, or any specification, plan, drawing, pattern, sample, or information furnished by or on behalf of the First Party in connection therewith, to any person other than a person employed by the Second Party in the performance of this Agreement Deed. Disclosure to any such employed person shall be made in confidence and shall extend only as far as may be necessary for purposes of such performance.
- 24. The Second Party shall provide such packing of the Equipment/goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the Agreement Deed. The packing shall be sufficient to withstand,

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

25. The packing, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Agreement Deed, including additional requirements, if any, and in any subsequent instructions ordered by the First Party.

The First Party will be at liberty, at all times and shall have the right to return the Equipment, provided/delivered by the Second Party with regard to quality, quantity, value or otherwise fitness for use. Notwithstanding anything contained hereinabove, it is hereby

- 26. agreed by both Parties that the First Party at all times be at liberty and shall have the right to cancel or reduce the quantity, without assigning any reason.
- 27. The amount of performance security, as a percentage of the Contract Price, shall Not Be Required. However, the bid security of Rs. 100,000/- received at the time of bids submission shall be retained by Peshawar Institute of Cardiology as Performance Security till the end of contract period and will be released back to successful bidders after the expiry of contract period, subject to the condition that all contractual obligations related to supplies are fulfilled.
- 28. If a Force Majeure situation arises, the Second Party shall promptly notify the First Party in writing of such condition and the cause thereof. Unless otherwise directed by the First Party in writing, the second Party shall continue to perform its obligations under this Agreement Deed as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.
- 29. Any notice given by one party to the other pursuant to this Agreement Deed shall be sent to the other party in writing or by cable, telex, or facsimile and confirmed in writing to the other party's address specified in contract.
- 30. A notice shall be effective when dispatched on the given address of the Parties in this Agreement Deed via above means.
- 31. Payment to the Second Party shall be on presenting a bill in the shape of summary duly verified by Finance Department. The bill shall be counter verified from the end using department before clearance. Demand in violation of this clause of agreement may lead to imposition of reasonable amount of fine.
- 32. The Equipment/goods shall be open to inspection at all times during the agreement period. The inspection shall be carried out by a representative from purchase, legal, quality control, finance or end using department.

- 33. Besides the above conditions the Second Party shall be bound to fulfill the defacing if found at any time and for the purpose shall be ready to sign and execute a fresh agreement if needed.
- Each Clause of this Agreement Deed shall be and remain separate from and 34. independent of and severable from all and any other Clauses herein except where otherwise indicated by the context of this Agreement Deed. The decision or declaration that one or more of the Clauses are null and void shall have no effect on the remaining Clauses of this Agreement Deed.
- In the event of any difference or dispute arising between the Parties or their 35. representative agents regarding rights and liabilities of the parties or any other matter relating to this Agreement Deed may be referred to the Board of Governors of the First Party and their decision will be final in all aspects and the Second Party warrants to abide by the decision of the Board of Governors of the First Party and will be bound by the decisions.
- This Agreement Deed may be reviewed at any stage with mutual consultation of both 36. Parties, if required. All amendments or addition to this Agreement Deed must be in writing and signed by both Parties through addendum to this Agreement. No amendment of any provision of this Agreement Deed shall be valid unless the same shall be in writing and signed by the Parties
- The validity, interpretation, construction and performance of this Agreement Deed 37. shall be governed by the Laws of Khyber Pakhtunkhwa in Pakistan. This Agreement Deed shall be interpreted with all necessary changes in gender and in number as the context may require and shall convey to the benefit of and be binding upon the respective successors and assigns of the parties hereto.
 - 38. **IN WITNESS WHEREOF** the Parties mentioned above have carefully pursued the terms and condition embodied in this Agreement Deed and have executed the same, setting their signatures below, on the date and place mentioned above.

Hospital Director	
Peshawar Institute of Cardiology	Ś
For & On Behalf of First Party	

[Mention Name] [Owner/Proprietor/C.E.O. etc.] M/s [Mention Second Party] For & On Behalf of Second Party

WITNESSES

FOR FIRST PARTY	FOR SECOND PARTY
No.1.:	No.1.:
Name	Name
C.N.I.C No.:	C.N.I.C No.:
Contact No.:	
No.2.:	No.2.:
Name	
C.N.I.C No.:	C.N.I.C No.:
Contact No.:	Contact No.:

UNDERTAKING ON BIDDERS LETTER HEAD

Important Note:

	All the bidders must submit the original affidavit on non-judicial stamp paper attached with technical bid at the time of bid submission on the following format.
	I,Owners / Director / Legal Attorney /
	Accreditedrepresentative of M/s, solemnly declare that,
1.	M/shave read the contents of the Bidding Document and have fully understood it.
2.	That the financial instruments, statements of facts, data and documents being submitted by
	M/sfor the Tender vide PIC-0057 dated are true, genuine and correct.
3.	Undertakes that information being submitted is correct and true, and that any false information shall lead to disqualification at any stage.
4.	M/sis not blacklisted by any of Provincial or Federal Government Department, Agency, Organization or autonomous body anywhere in Pakistan.
5.	Bid Security (in original) is placed in the financial bid.
6.	In case we fail to comply any of the aforesaid conditions or the documents submitted by
	M/sis found false/forged, our tender will be cancelled forfeiting the Bid Security
	amount and debarring us from participation in future tenders of Medical TNoing Institution
	PIC, Khyber Pakhtunkhwa, for a period of one year.

Signature with Seal of the Deponent (bidder)

STATEMENT OF REQUIREMENT WITH SPECIFICATION

ELEC	TRICAL UPDATED LIST				
S#	Description	Unit	Specification	Firm	Rate with
				Specification	Taxes
1	Dehydration of transformers 1000/2500 Kva	job	SIEMENS, PEL		
2	Body Repair. (Conservative tank/shell etc)	job	SIEMENS, PEL		
3	Gas kits joints	Nos	SIEMENS, PEL		
4	HT Cable box	Nos	SIEMENS, PEL		
5	Copper terminal rods 1000kva LT	Nos	SIEMENS, PEL		
6	Copper terminal rods 2500kva LT	Nos	SIEMENS, PEL		
7	Copper terminal rods 1000kva HT	Nos	SIEMENS, PEL		
8	Copper terminal rods 2500kva HT	Nos	SIEMENS, PEL		
9	Relay alarm circuit testing/repairing	job	SIEMENS, PEL		
10	Testing repairing and replacement of HT cables	job	SIEMENS, PEL		
11	synchronization of Transformer 2500kva (2 No) 1000 kva (1 no) complete with all respect (job)	Job			
12	Manual changeover for transformer (Bus-coupler) complete in all aspects (Job)	Job			
	(Circuit Br	eakers		1
		VCB (НТ)		
13	supply and installation of HT panel complete in all aspects	Job	LS,PEL,SIEMEN S,ABB (separately for all brands)		
14	Supply of HT meter WPV 12.5 KA (Industrial) Type PE3 P modle P4 (3*63.5/110v 5(10) Amps 50HZ	NOS	LS,PEL,SIEMEN S,ABB (separately for all brands)		

15	HT Buzzer 110Vac		LS,PEL,SIEMEN
13	III Buzzei 110vac		S,ABB
			separately for
1.6	Cool of UT codes for	NOC	all brands)
16	Supply of HT casing for	NOS	LS,PEL,SIEMEN
	breakers		S,ABB
			(separately for
			all brands)
		ACB(
17	Supply of ACB breaker 6300	Nos	Legrand, ABB,
	Amps (Fixed/Draw-out) 3P		terasaki,
			Schneider.
			(separately for
			all brands)
18	Supply of ACB breaker 6300	Nos	Legrand, ABB,
	Amps (Fixed/Draw-out) 4P		terasaki,
			Schneider.
			(separately for
			all brands)
19	Supply of trolley for lifting of	Nos	
	draw-out breakers		
	Motors/	Submers	ible/Tubewells
20	Submersible motor	Nos	Italian, JD,
	5HP,10HP,15HP,20HP,40HP,5		Grandfos,
	OHP (single phase/3 phase)		Siemens
21	Submersible motor	Nos	Italian, JD,
	1HP,2HP,3HP,5HP,10HP,15HP,		Grandfos,
	20HP,40HP,50HP (single		Siemens
	phase/3 phase) (Re-		
	winding/Repair)		
22	Centrifugal motors 120kw	Nos	Italian, JD,
			Grandfos
			,Siemens
23	Centrifugal motors 150kw	Nos	Italian, JD,
			Grandfos,
			Siemens
24	Centrifugal motors 200kw	Nos	Italian, JD,
			Grandfos,
			Siemens
25	Extraction of Pump From Bore	JOB	
	Hole		
	110.0		

	T		
26	Lowering of Pump in bore	JOB	
	hole		
27	Repair Of Pump per HP	JOB	
28	Rewinding of Motors	JOB	
	1HP,2HP,3HP,5HP,10HP,15HP,		
	20HP,40HP,50HP (single		
	phase/3 phase)		
29	Replacement of Bushes	JOB	
30	Replacement of MCU 40 hp 50	JOB	
	hp		
31	Replacement of Sluice /Valve	JOB	
	4"		
32	Replacement of Sluice /Valve	JOB	
	6"		
33	Replacement of GM Motor	JOB	
	Impellor		
34	Replacement of Bowel C. I	JOB	
25	Lainting of Dina	IOD	
35	Jointing of Pipe	JOB	
36	04"MS Pipe with Flange on	JOB	
	both sides(10' Length)		
37	Boring of Tube Well	JOB	
	4",6",8",10",12"14"and 16"		
38	06" MS Pipe with Flange on	JOB	
	Both Side		
39	Supply of sewerage sump pit	Nos	
	pump		
40	Replacement/Repairing of	JOB	
	submersible motor Pipe line		
		Fire Fig	hting
41	pressure tank (as per sample)	Nos	NAFCO,
Fire A	Alarm		
42	FACP Panel	Nos	Honeywell,
			Global
43	Smoke detector (Gent)	Nos	Honeywell,
			Global
44	Heat detector (Gent)	Nos	Honeywell,
			Global
45	Heat detector +smoke	Nos	Honeywell,
	detector (H+S)		Global
	•		

46	MCP (manual call point) (Nos	Honeywell,
	Gent)		Global
47	Bell Alarm (sounder)	Nos	Honeywell,
			Global
48	Break Glass(Hony Well As per	Nos	Honeywell,
	Site)		Global
49	Loop card	Nos	Honeywell,
			Global
50	Network card	Nos	Honeywell,
			Global
51	Repairing / software update/	Job	Honeywell,
	troubleshooting of fire alarm		Global
	panel		
52	Fire Alarm cable 2.5mm2, 2	Nos	Newage, Fast,
	core fire proof		Pakistan
53	Smoke tester spray	Nos	Any brand
	Generator It	ems and	tools (mechanical)
54	clamp set (Radiator Pipe)	set	Xmart,Dewalt,s
			tainlay,Bosch
55	Fuel consume meter	Nos	
	Consumable Ite	ms For 2	00 Kva (AKSA) Genset
56	AVR (As per Genset modle	Nos	Cummins,perki
	number)		ns
57	Control module	Nos	Cummins,perki
			ns
58	Overhauling kit (gaskit,oil	Nos	Cummins,perki
	seal)		ns
59	Flange	Nos	
60	Flex connector 2" to 12"	Nos	
61	Rubber below 2" to 12"	Nos	
62	Air sensor	Nos	
63	Fuel pressure sensor	Nos	
64	RPM sensor (MPU)	Nos	
65	Thermocouple (Heat sensor)	Nos	
66	Radiator special tanks	Nos	
67	Asbestos rubber sheet for	Nos	
	flanges		
68	Stack emission test of all	Job	As per site
	generators	l	

69	Maintenance /repair/Troubleshooting and any emergency repair works of Generators (cummins, perkins, kohlar, aksa) (1250kva, 450kva, 200Kva).	Job		
		ire Extin	uisher	
70	halotron (wet Chemical)	Kg		
71	AFFF	Kg		
		CABL	l .ES	
72	Cable 800 mm2 single/4-core	Bundl	PAKISTAN,FAST	
/ _	cubic 500 mm2 single/ 4 core	es/roll	TARISTAN, TAST	
		S		
73	Cable 1000 mm2 single/4-core	Bundl	PAKISTAN,FAST	
	3 3 3	es/roll	, ,	
		S		
		Spir	al	
74	Spiral 10mm	Feet	ADAM G,	
			GM,popular,	
			Equivalent	
75	Spiral 20mm	Feet	ADAM G,	
			GM,popular,	
			Equivalent	
76	Spiral 30mm	Feet	ADAM G,	
			GM,popular,	
			Equivalent	
77	spiral 40mm	Feet	ADAM G,	
			GM,popular,	
			Equivalent	
			re/Cables	
78	70mm2(162/76")2 core/4	Bundl	PAKISTAN,FAST	
	core/shielded	es/roll		
70	05mm2/162/76"\\\ 2	S	DAKICTAN FACT	
79	95mm2(162/76")2 core/4 core/shielded	Bundl	PAKISTAN,FAST	
	core/silielueu	es/roll s		
80	120mm2(162/76")2 core/4	Bundl	PAKISTAN,FAST	
00	core/shielded	es/roll	I ANDIAN,I ASI	
	corcy sinciaca	S		
		ا ا		

81	150mm2(162/76")2 core/4 core/shielded	Bundl es/roll s	PAKISTAN,FAST		
82	185mm2(162/76")2 core/4 core/shielded	Bundl es/roll s	PAKISTAN,FAST		
83	240mm2(162/76")2 core/4 core/shielded	Bundl es/roll s	PAKISTAN,FAST		
84	300mm2(162/76")2 core/4 core/shielded	Bundl es/roll s	PAKISTAN,FAST		
	HT ca	bles Arm	oured silver	l	-1
	HT cal	oles Armo	oured copper		
85	3*95mm2/XLPE/PVC/SWA/PU D/5KU copper	Mtr	PAKISTAN,FAST		
86	3*120mm2/XLPE/PVC/SWA/P UD/5KU copper	Mtr	PAKISTAN,FAST		
87	3*185mm2/XLPE/PVC/SWA/P UD/5KU copper	Mtr	PAKISTAN,FAST		
88	3*240mm2/XLPE/PVC/SWA/P UD/5KU copper	Mtr	PAKISTAN,FAST		
89	3*300 mm2 /XLPE/PVC/SWA/PUD/5KUcop per	Mtr	PAKISTAN,FAST		
90	1*500 mcm 15KV HT copper	Mtr	PAKISTAN,FAST		
		HT Raych	em Kit	1	
91	Repairing and jointing of HT cable	Job	As per site		
		Time	er		
92	Timer 11 pin 220v AC	Nos	PANASONIC, FINDER,SIEME NS,SCNHIDIER, HITACHI	Yasir Enterprises	Each Rft
93	Timer 11 pin 440v AC	Nos	PANASONIC, FINDER,SIEME NS,SCNHIDIER, HITACHI	Yasir Enterprises	Each Rft

94	Timer 14 pin 440v AC	Nos	PANASONIC,	Yasir	Each Rft
			FINDER,SIEME	Enterprises	
			NS,SCNHIDIER,		
			HITACHI		
		ENERGY	METER		<u> </u>
95	Energy analyzer 440v/220v	Nos	FUJI,		
			MITSUBISHi		
	I	ndustrial	Socket		
96	Male/Female industrial socket	Nos	PANASONIC,		
	3 pin 30Amp,50Amp,64amp,		FINDER,Bosch		
	75amp,100amp				
97	Male/Female industrial socket				
	3 phase				
	30Amp,50Amp,64amp,75amp				
	,100amp				
98	Male/Female industrial socket	Nos	PANASONIC,		
	4 pin 30Amp,50Amp,64amp		FINDER,Bosch		
	,75amp,100amp				
99	Male/Female industrial socket	Nos	PANASONIC,		
	5 pin,30Amp,50Amp,64amp,		FINDER,Bosch		
	75amp,100amp				
	Selecto	r Switch/	Duty Selector		
100	Auto manual switch 1Pole 5	Nos	PANASONIC,		
	Amps,10 Amps,32 Amps,63		FINDER,Bosch		
	Amps ,100Amps				
101	Auto manual switch 2Pole 5	Nos	PANASONIC,		
	Amps,10 Amps,32 Amps,63		FINDER,Bosch		
	Amps ,100Amps				
102	Auto manual switch 3Pole 5	Nos	PANASONIC,		
	Amps,10 Amps,32 Amps,63		FINDER,Bosch		
	Amps ,100Amps				
103	Auto manual switch 4 Pole 5	Nos	PANASONIC,		
	Amps,10 Amps,32 Amps,63		FINDER,Bosch		
	Amps ,100Amps				
		Cable t	trays		
104	Cable ladder 600mm	Feet	(16 ,18 guage)		Each Rft
			(Hot dip		
			galvanized)		
			Perforated		

105	Cable ladder 800mm	Feet	(16 ,18 guage)	Each Rft
103	Capic Idader Coomin	1 000	(Hot dip	Lacii iii
			galvanized)	
			Perforated	
106	Tread Rods 4mm to 12mm	Feet	(16 ,18 guage)	Each Rft
100	Tredu Nous 4mm to 12mm	1 000	(Hot dip	Lacii kit
			galvanized)	
			Perforated	
107	C-channels for cable trays	Nos	(16 ,18 guage)	Each Rft
			(Hot dip	
			galvanized)	
			Perforated	
108	Fisher 6mm,	Nos		Each Nm
	8mm,10mm,12mm			
	Bu	sh Highli	fe Fittings	
109	Single Gang	Nos	Bush High life	
110	Three Gang	Nos	Bush High life	
111	Five Gang	Nos	Bush High life	
112	Ten Gang	Nos	Bush High life	
113	Switch	Nos	Bush High life	
114	Socket	Nos	Bush High life	
115	Light Plug	Nos	Bush High life	
116	Power Plug	Nos	Bush High life	
117	Open BOX (Light plug &	Nos	Bush High life	
	power Plug)			
118	Conceled Box (Light plug &	Nos	Bush High life	
	power Plug)			
		Sheet Bo	 1	_
119	a. 4x4 (2/3 holes)	Nos	Fiber Sheet	
			(5mm)	
120	b. 7x4 (4 Holes)	Nos	Fiber Sheet	
			(5mm)	
121	c. 7x4 (1 Hole for power plug	Nos	Fiber Sheet	
)		(5mm)	
122	d. 8x10 (8/9 Holes)	Nos	Fiber Sheet	
422	. 2.2 P. 2. (5. 0):	N.	(5mm)	
123	e. 3x3 Box Open (For China	Nos	Fiber Sheet	
404	Fitting)		(5mm)	
124	e. 3x3 Box Open (For bush	Nos	Fiber Sheet	
	high life)		(5mm)	

125 f. 3x6 Box Open (For China Fitting) 126 g. Double Light Plug Plate (Nos Fiber Sheet (5mm) 127 Energy Saver 25W E-27 Nos PHILLIPS ,OSAKA 128 Energy Saver 45W E27 Nos PHILLIPS ,OSAKA 129 Energy Saver 85W E27 Nos PHILLIPS ,OSAKA Change Over 130 c. 500 Amp 3pole ,4 pole Nos SCHNIDIER, LAGRAND Magnetic Contactors 3 pole						
26 g. Double Light Plug Plate (Nos Fiber Sheet (5mm)						
China) (5mm) Energy savers 127 Energy Saver 25W E-27 Nos PHILLIPS ,OSAKA 128 Energy Saver 45W E27 Nos PHILLIPS ,OSAKA 129 Energy Saver 85W E27 Nos PHILLIPS ,OSAKA Change Over 130 c. 500 Amp 3pole ,4 pole Nos SCHNIDIER, LAGRAND Magnetic Contactors 3 pole						
Energy savers 127 Energy Saver 25W E-27 Nos PHILLIPS ,OSAKA 128 Energy Saver 45W E27 Nos PHILLIPS ,OSAKA 129 Energy Saver 85W E27 Nos PHILLIPS ,OSAKA Change Over 130 c. 500 Amp 3pole ,4 pole Nos SCHNIDIER, LAGRAND Magnetic Contactors 3 pole						
127 Energy Saver 25W E-27 Nos PHILLIPS ,OSAKA 128 Energy Saver 45W E27 Nos PHILLIPS ,OSAKA 129 Energy Saver 85W E27 Nos PHILLIPS ,OSAKA Change Over 130 c. 500 Amp 3pole ,4 pole Nos SCHNIDIER, LAGRAND Magnetic Contactors 3 pole						
,OSAKA 128 Energy Saver 45W E27 Nos PHILLIPS ,OSAKA 129 Energy Saver 85W E27 Nos PHILLIPS ,OSAKA Change Over 130 c. 500 Amp 3pole ,4 pole Nos SCHNIDIER, LAGRAND Magnetic Contactors 3 pole						
128 Energy Saver 45W E27 Nos PHILLIPS ,OSAKA 129 Energy Saver 85W E27 Nos PHILLIPS ,OSAKA Change Over 130 c. 500 Amp 3pole ,4 pole Nos SCHNIDIER, LAGRAND Magnetic Contactors 3 pole						
,OSAKA 129 Energy Saver 85W E27 Nos PHILLIPS ,OSAKA Change Over 130 c. 500 Amp 3pole ,4 pole Nos SCHNIDIER, LAGRAND Magnetic Contactors 3 pole						
129 Energy Saver 85W E27 Nos PHILLIPS ,OSAKA Change Over 130 c. 500 Amp 3pole ,4 pole Nos SCHNIDIER, LAGRAND Magnetic Contactors 3 pole						
,OSAKA Change Over 130 c. 500 Amp 3pole ,4 pole Nos SCHNIDIER, LAGRAND Magnetic Contactors 3 pole						
Change Over 130 c. 500 Amp 3pole ,4 pole Nos SCHNIDIER, LAGRAND Magnetic Contactors 3 pole						
130 c. 500 Amp 3pole ,4 pole Nos SCHNIDIER, LAGRAND Magnetic Contactors 3 pole						
LAGRAND Magnetic Contactors 3 pole						
Magnetic Contactors 3 pole						
1404 144 177						
	Each No					
amps d,ABB,LS,Scnhi Enterprises						
dier,Mitsubhsh .						
i i						
Magnetic Contactors 4 pole						
	Each No					
amps legrand,ABB,LS Enterprises						
,Scnhidier,Mits						
ubhshi						
Tagging numbers for control						
133 PVC tagging numbers packet Pvc						
Screws size						
134 Head/wrench size Nut Bolts box Brass/Metal						
4,5,6,7,8,10,12,14,16,18,20						
mm						
Steel Nail						
135 a. ½ " box ADAM G,						
GM,popular						
LIGHTS and Chowks						
136 a. 12watt Nos PHILLIPS						
,OSAKA						
137 b. 18 watt Nos PHILLIPS						
,OSAKA						
 						
138 c. 24 watt Nos PHILLIPS	ļ					

139	d. 2' x 2'	Nos	PHILLIPS
			,OSAKA
140	100 watt bulb	Nos	PHILLIPS
			,OSAKA
141	200 watt bulb	Nos	PHILLIPS
			,OSAKA
142	tube light 2 feet	Nos	PHILLIPS
			,OSAKA
143	tube light 4 feet	Nos	PHILLIPS
			,OSAKA
144	Ceiling Light 2'x2'	Nos	PHILLIPS
			,OSAKA
145	TBS complete 2'x2'	Nos	PHILLIPS
			,OSAKA
146	TMS 4 feet	Nos	PHILLIPS
			,OSAKA
147	Energy Saver 25W E-27	Nos	PHILLIPS
			,OSAKA
148	Tube light 4feet	Nos	PHILLIPS
			,OSAKA
149	Tube light chuck 36 watt	Nos	PHILLIPS
	40watt		,OSAKA
150	Flood light 100watt	Nos	PHILLIPS
			,OSAKA
151	Flood light 150watt	Nos	PHILLIPS
			,OSAKA
152	Flood light 200watt	Nos	PHILLIPS
			,OSAKA
153	Flood light chuck 500w	Nos	PHILLIPS
			,OSAKA
154	Flood light chuck 1000w	Nos	PHILLIPS
			,OSAKA
155	Halogen light 1000w	Nos	PHILLIPS
			,OSAKA
156	Halogen light 1500w	Nos	PHILLIPS
			,OSAKA
157	Halogen light 2000w	Nos	PHILLIPS
			,OSAKA
158	Halogen Chuck 125w	Nos	PHILLIPS
			,OSAKA

159	SMD Chokes 8watt~24watt	Nos	PHILLIPS
	(24v-72v)		,OSAKA
160	a. 100 Watt	Nos	PHILLIPS
			,OSAKA
161	b. 150 Watt	Nos	PHILLIPS
			,OSAKA
162	Fluorescent lamps 40watt	Nos	PHILLIPS
			,OSAKA
163	LED lamps (Not less than 1	Nos	PHILLIPS
	watt)		,OSAKA
164	Pedestal lighting fixtures	Nos	PHILLIPS
			,OSAKA
165	Handlamps	Nos	PHILLIPS
			,OSAKA
166	Emergency light 12v 20watt	Nos	PHILLIPS
			,OSAKA
167	Emergency light 12v 40watt	Nos	PHILLIPS
			,OSAKA
168	Emergency light 12v 60watt	Nos	PHILLIPS
			,OSAKA
169	choke transformer	Nos	PHILLIPS
	(220/input)(12,24/output)		,OSAKA
170	Emergency Torch chargeable	Nos	PHILLIPS
	12v		,OSAKA
171	Mirror Light 2 feet	(No's)	(
			Phillips,Osaka)
		SM	D
172	a. 8watt	Nos	PHILLIPS
			,OSAKA
173	b. 12 watt	Nos	PHILLIPS
			,OSAKA
174	c. 18 watt	Nos	PHILLIPS
			,OSAKA
175	d. 24 watt	Nos	PHILLIPS
			,OSAKA
176	e. 2' x 2'	Nos	PHILLIPS
			,OSAKA
177	Data Outlet RJ45	Nos	PHILLIPS
			,OSAKA
		LT Panel (Control

178	NH HRC low voltage Fuse and	Nos	PANASONIC,
	Fuse base 10/50amp		FINDER,MITSU
			внізні
179	Miniature Fuse link 10~20	Nos	PANASONIC,
	amp		FINDER,MITSU
	·		внізні
180	PUSH Button ON	Nos	PANASONIC,
			FINDER,MITSU
			BHISHI
181	PUSH Button OFF	Nos	PANASONIC,
			FINDER,MITSU
			BHISHI
182	PUSH ON/OFF SWITCH	Nos	PANASONIC,
			FINDER,MITSU
			BHISHI
183	OV/UV relay	Nos	PANASONIC,
			FINDER,MITSU
			BHISHI
184	Capacitor Bank Axillaries (as	Nos	PANASONIC,
	per site)		FINDER,MITSU
			BHISHI
185	Capacitor Bank Fuses	Nos	PANASONIC,
	63/125amps		FINDER,MITSU
			BHISHI
186	Limit switch	Nos	PANASONIC,
			FINDER,MITSU
			BHISHI
187	Charger 12v, 50amp-150amp	Nos	PANASONIC,
			FINDER,MITSU
			BHISHI
188	power factor	Nos	PANASONIC,
	controller/Analyser RG-12T (FINDER,MITSU
	ENTES)		BHISHI
189	Digital voltmeter 600v (3*3)	Nos	PANASONIC,
	single/3phase		FINDER,MITSU
			BHISHI
190	Analog voltmeter 600v (3*3)	Nos	PANASONIC,
	single/3phase		FINDER,MITSU
			BHISHI
191	Digital Ampmeter 600v (3*3)	Nos	PANASONIC,

	single/3phase		FINDER,MITSU
	Single/ Spridse		BHISHI
192	Analog Ampmeter 600v (3*3)	Nos	PANASONIC,
	single/3phase		FINDER,MITSU
			BHISHI
193	Power Factor Meter Digital	Nos	LUMEL,PANAS
	110v 300v cat Q 5795		ONIC,
	,		FINDER,MITSU
			BHISHI
194	Power Factor Meter Analog	Nos	LUMEL,PANAS
	110v 300v cat Q 5795		ONIC,
			FINDER,MITSU
			BHISHI
	Gens	et Synch	controllers
195	Generator controller for 1250	Nos	SICES,SMARTG
	kva brand:SICES GC-400		EN,DEEPSEA
196	Generator controller for 450	Nos	SICES,SMARTG
	kva brand:SICES GC-400		EN,DEEPSEA
197	Generator controller for 200	Nos	SICES,SMARTG
	PERKINS		EN,DEEPSEA
	Gen	set Oper	ator panel
198	Operator panel for 1250 kva	Nos	SICES,SMARTG
	cummins modle # power		EN,DEEPSEA,
	Command 3.3		power
			command
199	Operator panel for 450 kva	Nos	SICES,SMARTG
	perkins modle# DCP10/DCP		EN,DEEPSEA
	20		
200	Operator panel for 200 kva	Nos	SICES,SMARTG
	perkins Modle # DSE 4510/		EN,DEEPSEA
	DSE 4520		
201	Operator panel for 200 kva	Nos	SICES,SMARTG
	Kohler Modle # AMP		EN,DEEPSEA
	303/AMP 403		
202	Operator panel for 200 kva	Nos	SICES,SMARTG
	AKSA Modle # DSE 6120		EN,DEEPSEA
		T'S for B	T T
203	CT 3200/5amp type SLC-125	Nos	PANASONIC,
	class:1 VA:15 PT:1		FINDER,MITSU BHISHI

class:1 VA:10 PT:1	204	CT 2500/5amp type SLC-125	Nos	PANASONIC,
BHISHI CT 5000/5amp ITH 60 IN 0.72/3/-KV (CI0.5-1-3)	204		1103	, i
205 CT 5000/5amp ITH 60 IN Nos PANASONIC, FINDER,MITSU BHISHI 206 CT 5000/5amp type SLC-125 Nos PANASONIC, FINDER,MITSU BHISHI 207 CT 5000/5amp 0.6/3kv CFS- 123 CL:1.0 VA:15 50/60hz THRU NO:1T **Distribution**Board** **Panasonic/Find blue** **Distribution**Board** **Panasonic/Amapbool** **Distribution** **Distribution**Board** **Panasonic/Amapbool** **Distribution** **Panasonic/Amapbool** **Panasonic/Amapbool** **Distribution** **Panasonic/Amapbool** **Distribution** **Panasonic/Amapbool** **Distribution** **Panasonic/Amapbool** **Panasonic/Amapbool** **Distribution** **Panasonic/Amapbool** **Panasonic/Amapbool** **Panasonic/Amapbool** **Panasonic/Amapbool** **Distribution** **Panasonic/Amapbool** **Distribution** **Panasonic/Amapbool** **Panasonic/Amapbool** **Panasonic/Amapbool** **Panasonic/Amapbool** **Panasonic/Amapbool** **Panasonic/Amapbool** **Panasonic/Amapbool** **Panasonic/Amapbool** **Panasonic/Amap		Class.I VA.IOTT.I		
D.72/3/-KV (CIO.5-1-3) FINDER,MITSU BHISHI	205	CT 5000/52mp ITH 60 IN	Nos	
CT 500/5amp type SLC-125 Class:1 VA:10 PT:1 C	203	•	1105	·
CT 500/5amp type SLC-125 Nos PANASONIC, FINDER,MITSU BHISHI		0.72/3/-KV (Cl0.3-1-3)		
Class:1 VA:10 PT:1	206	CT_EOO/Eamn_type_SLC_12E	Nos	
BHISHI B	200	, , ,	1105	, i
CT 5000/5amp 0.6/3kv CFS-123 CL:1.0 VA:15 50/60hz THRU NO:1T		Class.1 VA.10 F1.1		
123 CL:1.0 VA:15 50/60hz FINDER,MITSU BHISH	207	CT_E000/E2mn_0.6/2lay_CES	Nos	
THRU NO:1T BHISHI BHISHI	207	, ,	1105	, i
Distribution Board				
DB'S Lock			ictributio	
Decomposition Decompositio	200	1	1	
210 phase indicators Red yellow blue 211 Pannel connector strip neutral Nos gears/Maqbool 212 Pannel connector strip Earth Nos gears/Maqbool 213 DB Safety front cover for breakers 214 Digital ammeter (as per DB size) 215 Digital Volt Meter (As per DB size) 216 a. 3 gang Nos Bush High life,clipsal,sche nider 217 b. 4 gang Nos Bush High life,clipsal,sche nider 218 c. 6 gang Nos Bush High life,clipsal,sche nider 219 d.Switch Nos Bush High life,clipsal,sche nider				· .
Dilue Dilu	209	Db handle	Nos	gears/Maqbool
Pannel connector strip neutral Nos gears/Maqbool	210	phase indicators Red yellow	Nos	gears/Maqbool
212 Pannel connector strip Earth Nos gears/Maqbool 213 DB Safety front cover for breakers 214 Digital ammeter (as per DB size) 215 Digital Volt Meter (As per DB size) 216 a. 3 gang 217 b. 4 gang 218 c. 6 gang 218 c. 6 gang 329 d. Switch 320 Rose Bush High life, clipsal, sche nider 3210 d. Switch 3220 e. light plug 323 Rose Bush High life, clipsal, sche nider 324 Rose Bush High life, clipsal, sche nider 325 Rose Bush High life, clipsal, sche nider 326 Rose Bush High life, clipsal, sche nider 327 Rose Bush High life, clipsal, sche nider 328 Rose Bush High life, clipsal, sche nider 329 Rose Bush High life, clipsal, sche nider 320 Rose Bush High life, clipsal, sche nider		blue		
DB Safety front cover for breakers 214 Digital ammeter (as per DB size) 215 Digital Volt Meter (As per DB size) 216 a. 3 gang Nos Bush High life,clipsal,sche nider 217 b. 4 gang Nos Bush High life,clipsal,sche nider 218 c. 6 gang Nos Bush High life,clipsal,sche nider 219 d.Switch Nos Bush High life,clipsal,sche nider	211	Pannel connector strip neutral	Nos	gears/Maqbool
breakers Digital ammeter (as per DB size) Nos gears/Maqbool gears/Maqb	212	Pannel connector strip Earth	Nos	gears/Maqbool
Digital ammeter (as per DB size) Nos gears/Maqbool	213	DB Safety front cover for	Nos	gears/Maqbool
Size) Digital Volt Meter (As per DB size) Nos panasonic/find er/legrand Power plugs 216 a. 3 gang Nos Bush High life,clipsal,sche nider Diffe,clipsal,sche nider Nos Bush High life,clipsal,sche nider Common Sush High life,clipsal,sche nider		breakers		
Digital Volt Meter (As per DB size) Power plugs 216 a. 3 gang Nos Bush High life,clipsal,sche nider 217 b. 4 gang Nos Bush High life,clipsal,sche nider 218 c. 6 gang Nos Bush High life,clipsal,sche nider Albert State St	214	Digital ammeter (as per DB	Nos	gears/Maqbool
Size) er/legrand		size)		
Power plugs 216 a. 3 gang Nos Bush High life,clipsal,sche nider 217 b. 4 gang Nos Bush High life,clipsal,sche nider 218 c. 6 gang Nos Bush High life,clipsal,sche nider 219 d.Switch Nos Bush High life,clipsal,sche nider	215	Digital Volt Meter (As per DB	Nos	panasonic/find
216 a. 3 gang Nos Bush High life,clipsal,sche nider 217 b. 4 gang Nos Bush High life,clipsal,sche nider 218 c. 6 gang Nos Bush High life,clipsal,sche nider 219 d.Switch Nos Bush High life,clipsal,sche nider Nos Bush High life,clipsal,sche nider Nos Bush High life,clipsal,sche nider 220 e.light plug Nos Bush High		size)		er/legrand
life,clipsal,sche nider 217 b. 4 gang Nos Bush High life,clipsal,sche nider 218 c. 6 gang Nos Bush High life,clipsal,sche nider 219 d.Switch Nos Bush High life,clipsal,sche nider Nos Bush High life,clipsal,sche nider Nos Bush High life,clipsal,sche nider 220 e.light plug Nos Bush High			Power	plugs
217b. 4 gangNosBush High life,clipsal,sche nider218c. 6 gangNosBush High life,clipsal,sche nider219d.SwitchNosBush High life,clipsal,sche nider220e.light plugNosBush High life,clipsal,sche nider	216	a. 3 gang	Nos	Bush High
217 b. 4 gang Nos Bush High life,clipsal,sche nider Nos Bush High life,clipsal,sche nider A.Switch Nos Bush High life,clipsal,sche nider				life,clipsal,sche
life,clipsal,sche nider 218				nider
nider 218 c. 6 gang Nos Bush High life,clipsal,sche nider 219 d.Switch Nos Bush High life,clipsal,sche nider 220 e.light plug Nos Bush High	217	b. 4 gang	Nos	Bush High
218 C. 6 gang Nos Bush High life,clipsal,sche nider 219 d.Switch Nos Bush High life,clipsal,sche nider Nos Bush High life,clipsal,sche nider 220 e.light plug Nos Bush High				life,clipsal,sche
life,clipsal,sche nider 219 d.Switch Nos Bush High life,clipsal,sche nider 220 e.light plug Nos Bush High				nider
nider 219 d.Switch Nos Bush High life,clipsal,sche nider 220 e.light plug Nos Bush High	218	c. 6 gang	Nos	Bush High
219 d.Switch Nos Bush High life,clipsal,sche nider 220 e.light plug Nos Bush High				life,clipsal,sche
life,clipsal,sche nider 220 e.light plug Nos Bush High				nider
220 e.light plug Nos Bush High	219	d.Switch	Nos	Bush High
220 e.light plug Nos Bush High				life,clipsal,sche
				nider
life,clipsal,sche	220	e.light plug	Nos	Bush High
				life,clipsal,sche

			nider
221	f. power plug	Nos	Bush High
			life,clipsal,sche
			nider
222	g.Euro socket	Nos	Bush High
			life,clipsal,sche
			nider
223	h.Universal socket	Nos	Bush High
			life,clipsal,sche
			nider
224	Connector Strip	Nos	
	3,5,10,15,30,60,100,200 amps		JPI brand
		Too	ls
225	Tools Bag Pure leather	Nos	X Mart
			Tools,dewalt,b
			osch
226	Vaccume machine	Nos	X Mart
			Tools,dewalt,b
			osch
227	Air Compressor	Nos	X Mart
			Tools,dewalt,b
			osch
228	Housed terminal		X Mart
			Tools,dewalt,b
			osch
229	Temperature Gun	Nos	X Mart
			Tools,dewalt,b
			osch
230	Extension Board with 05-	Nos	X Mart
	meter twin core flexible cable		Tools,dewalt,b
			osch
231	lux meter (Light intensity	Nos	X Mart
	checking)		Tools,dewalt,b
_			osch
232	Wire stipper multi	Nos	X Mart
			Tools,dewalt,b
			osch
233	Greece (High temperature)	Nos	X Mart
			Tools,dewalt,b
			osch

234	thimble press Small handed	Nos	X Mart		
	thimble press for U-Types and		Tools,dewalt,b		
	O-Types		osch		
235	speed level	Nos	X Mart	Yasir	Each Rft
			Tools,dewalt,b	Enterprises	
			osch		
236	Tool waste	Nos	X Mart		
			Tools,dewalt,b		
			osch		
237	Megger	Nos	X Mart		
			Tools,dewalt,b		
			osch		
238	holesaw cutter	Nos	X Mart		
			Tools,dewalt,b		
			osch		
239	Greece Gun	Nos			
240	Walkie talkie	Nos	X Mart		
			Tools,dewalt,b		
			osch		
241	Cable tie	Nos			
	120,160,180,190,200,250,280,				
	300,350,360,370,380,400,500				
	mm				
242	Tagging machine	Nos	X Mart		
			Tools,dewalt,b		
			osch		
243	Pipe Rench	Nos			
244	chain block 3 pot stand 1 ton	Nos	Bside,X mart		
	,3 ton ,5 ton ,10 ton		Tools,Bosch,De		
			walt		
245	infrade meter tap	Nos	Bside,X mart		
			Tools,Bosch,De		
			walt		
	T a 11a	Online	1	Т	
246	Online UPS 1kva	Nos	Vertex ,		
			Schneider		
			Electric, APC		
247	Online UPS 2kva	Nos	Vertex ,		
			Schneider		
			Electric, APC		

			_ _
248	Online UPS 3kva	Nos	Vertex ,
			Schneider
			Electric, APC
249	Online UPS 4kva	Nos	Vertex ,
			Schneider
			Electric, APC
250	Online UPS 5kva	Nos	Vertex ,
			Schneider
			Electric, APC
251	Online UPS 6kva	Nos	Vertex ,
			Schneider
			Electric, APC
252	Online UPS 12kva	Nos	Vertex ,
			Schneider
			Electric, APC
253	Online UPS 15kva	Nos	Vertex ,
			Schneider
			Electric, APC
		Fus	ses
254	fuses 0.5A -10A with casing	Nos	Blow type glass
			tube
257	fuse 10A -20A with casing	Nos	Blow type glass
			tube
260	fuse 20A -30A with casing	Nos	Blow type glass
	_		tube
263	fuse 30A -40A with casing	Nos	Blow type glass
			tube
266	porecelean fuse 10amps	Nos	Blow type glass
			tube
269	porecelean fuse 20amps	Nos	Blow type glass
			tube
272	porecelean fuse 30amps	Nos	Blow type glass
	1		tube
275	porecelean fuse 40amps	Nos	Blow type glass
			tube
278	porecelean fuse 50amps	Nos	Blow type glass
_, 5	F 51 COCICENT TODE OOUTHPO	1.103	tube
281	porecelean fuse 60amps	Nos	Blow type glass
201	porcecicum ruse obamps	1403	tube
284	porecelean fuse 70amps	Nos	Blow type glass
204	porcecican rase 70amps	1403	Diow type Bid33

			tube			
287	porecelean fuse 80amps	Nos	Blow type glass			
			tube			
290	porecelean fuse 90amps	Nos	Blow type glass			
			tube			
293	porecelean fuse 100amps	Nos	Blow type glass			
			tube			
	HT Heat sleeves					
294	3*95	Nos				
	mm2/XLPE/PVC/SWA/PUD/5K					
205	3*120	Nes				
295	mm2/XLPE/PVC/SWA/PUD/5K	Nos				
	U					
296	3*185	Nos				
	mm2/XLPE/PVC/SWA/PUD/5K					
	U					
297	3*240	Nos				
	mm2/XLPE/PVC/SWA/PUD/5K					
	U					
298	3*300	Nos				
	mm2/XLPE/PVC/SWA/PUD/5K					
	U					
	T	Heat	ers			
299	Glass Rod type wall mounted	Nos				
200	1000w/2000w/3000w					
300	Glass Rod type ceiling	Nos				
	mounted 1000w/2000w/3000w					
		INSECT K				
301	Insect killer LED 20w	Nos	phillps,panaso			
			nic,osaka,petsk			
			ill,Geepas			
302	Insect killer LED 30w	Nos	phillps,panaso			
			nic,osaka,petsk			
			ill,Geepas			
303	Insect killer LED 50w	Nos	phillps,panaso			
			nic,osaka,petsk			
			ill,Geepas			

304	Insect killer LED 60w	Nos	phillps,panaso			
			nic,osaka,petsk			
			ill,Geepas			
305	Insect killer LED 70w	Nos	phillps,panaso			
			nic,osaka,petsk			
			ill,Geepas			
306	Insect killer LED 80w	Nos	phillps,panaso			
			nic,osaka,petsk			
			ill,Geepas			
307	Insect killer LED 90w	Nos	phillps,panaso			
			nic,osaka,petsk			
			ill,Geepas			
308	Insect killer LED 100w	Nos	phillps,panaso			
			nic,osaka,petsk			
			ill,Geepas			
309	Insect killer machine (1.5 ft)	Nos	phillps,panaso			
			nic,osaka,petsk			
			ill,Geepas			
310	Insect killer machine (2 ft)	Nos	phillps,panaso			
			nic,osaka,petsk			
			ill,Geepas			
	LIST OF SANITARY ITEMS FOR THE YEAR 2022-23, PIC, PESHAWAR					
S#	Description	Unit	Specification	Firm Name	Firm	
					Specificat	
					ion	
311	Torch (Japan rechargabel	No				
	(Laser)					
312	Cutter (PPR) (Manhas) Durra	No				
313	Kit Bag	No				
314	Wash Room Mates (Rubber)	No				
	Best Quality					
315	Pipe Extractors	No				
316	a					
	Sink Plunger	No				
317	Open Ended Spanner Set	No No				
	Open Ended Spanner Set					
317	Open Ended Spanner Set (Complete Heavy Duty)	No				
317	Open Ended Spanner Set (Complete Heavy Duty) P Truf 3" (PVC)	No No				
317 318 319	Open Ended Spanner Set (Complete Heavy Duty) P Truf 3" (PVC) P Truf 4" (PVC)	No No				

322	Vanittee with Frame and marble fit (DURR)	No
323	W.C. (Indian) DURR	No
324	W.C English (Orissa) DURR (Standard)	No
325	One Piece English WC (White DURR)	No
326	Nipple GI 5"	No
327	Nipple GI 6"	No
328	Burg bind ½" China	No
329	Roadsir Elbow GI 1"x½" China	No
330	Roadsir Elbow GI ½x¾ China	No
331	Roadsir Elbow GI ¾"x1' China	No
332	Roadsir Socket GI 1x½" China	No
333	Roadosir Socket GI ½x¾ China	No
334	Roadosir Socket GI 1x ¾" China	No
335	GI Short Elbow ½	No
336	GI Short Elbow ¾	No l
337	GI Short Elbow 1"	No l
338	GI Bush ¾x1"	No
339	Union ball wall ½" Faisal (Master)	No No
340	Polite tar (Italy)	No
341	Thormocarpar pipe (Italy)	No
342	Thermostat (Unitrol Original USA)	No
343	Complete batti (Thormocarper Pipe + Polit Tar with Clamp) Italy	No No
344	Jet for cholla	No
345	UPVC elbow 2" (Poly fit) / (Alpha)(Dadex)	No
346	UPVC elbow 3" (Poly fit) / (Alpha)(Dadex)	No
347	UPVC elbow 4" (Poly fit) / (Alpha)(Dadex)	No No

		T., T
348	UPVC elbow 5" (Poly fit) /	No
349	(Alpha)(Dadex) UPVC elbow 6" (Poly fit) /	No
343	(Alpha)(Dadex)	
350	UPVC elbow 8" (Poly fit) /	No
	(Alpha)(Dadex)	
351	UPVC elbow 2" 45° (Poly fit)/	No
	(Alpha)(Dadex)	
352	UPVC elbow 3" 45° (Poly fit) /	No
	(Alpha)(Dadex)	
353	UPVC elbow 4" 45° (Poly fit) /	No
	(Alpha)(Dadex)	
354	UPVC elbow 5" 45° (Poly fit) /	No
	(Alpha)(Dadex)	
355	UPVC elbow 6" 45° (Poly fit) /	No
	(Alpha)(Dadex)	
356	UPVC elbow 8" 45° (Poly fit) /	No
	(Alpha)(Dadex)	
357	UPVC Plug elbow 2" (Poly fit) /	No
	(Alpha)(Dadex)	
358	UPVC Plug elbow 3" (Poly fit)/	No
	(Alpha)(Dadex)	
359	UPVC Plug elbow 4" (Poly fit)	No
	/ (Alpha)(Dadex)	
360	UPVC Plug elbow 5" (Poly fit)/	No
264	(Alpha)(Dadex)	
361	UPVC Plug elbow 6" (Poly fit)/	No
262	(Alpha)(Dadex)	
362	UPVC Plug elbow 8" (Poly fit)/	No
262	(Alpha)(Dadex)	No.
363	UPVC Plug Pec 4" (Poly fit)/ (Alpha)(Dadex)	No
364	UPVC Plug Pec 3" (Poly fit)/	No
304	(Alpha)(Dadex)	
365	UPVC Tee 2" (Poly fit)/	No
	(Alpha)(Dadex)	
366	UPVC Tee 3" (Poly fit)/	No
	(Alpha)(Dadex)	
367	UPVC Tee 4" (Poly fit)/ (Alpha)	No
	(Dadex)	
		· · · · · · · · · · · · · · · · · · ·

368	UPVC Tee 5" (Poly fit)/ (Alpha)	No		
300	(Dadex)			
369	UPVC Tee 6" (Poly fit)/ (Alpha)	No		
303	(Dadex)			
370	UPVC Tee 8" (Poly fit)/	No		
370	(Alpha)(Dadex)			
371	UPVC Plug Tee 3" (Poly fit)/	No		
3/1	(Alpha)(Dadex)			
372	UPVC Plug Tee 4" (Poly fit)/	No		
372	(Alpha)(Dadex)			
373	UPVC Y Tee 3" /	No		
373	(Alpha)(Dadex)			
374	UPVC Y Tee 4" /	No		
	(Alpha)(Dadex)			
375	UPVC Y Tee 3" x 4" / (Alpha)	No		
	(Dadex)			
376	UPVC Y Tee 3" x 2" / (Alpha)	No		
	(Dadex)			
377	UPVC Y Tee 4" x 2" / (Alpha)	No		
	(Dadex)			
378	UPVC socket 2" (Poly fit) /	No		
	(Alpha)(Dadex)			
379	UPVC socket 3" (Poly fit) /	No		
	(Alpha)(Dadex)			
380	UPVC socket 4" (Poly fit) /	No		
	(Alpha)(Dadex)			
381	UPVC socket 5" (Poly fit)/	No		
	(Alpha)(Dadex)			
382	UPVC socket 6" (Poly fit)/	No		
	(Alpha)(Dadex)			
383	UPVC socket 8" (Poly fit)/	No		
	(Alpha)(Dadex)			
384	UPVC socket 4" x 3 (Poly fit)/	No		
	(Alpha)(Dadex)			
385	UPVC socket 3 x 2 (Poly fit)/	No		
	(Alpha)(Dadex)			
386	UPVC socket 4 x 2 (Poly fit) /	No		
	(Alpha) (Dadex)			
387	UPVC Bosch 4" x 3" / (Alpha)	No		
	(Dadex)			

388	UPVC Bosch 2" x 3" / (Alpha)	No	
	(Dadex)		
389	UPVC Bosch 4" x 2" / (Alpha)	No	
	(Dadex)		
390	UPVC Bosch 3" x 1¼ /	No	
	(Alpha) (Dadex)		
391	UPVC Bosch 4" x 1¼ / (Alpha)	No	
	(Dadex)		
392	UPVC clamp 2" /	No	
	(Alpha)(Dadex)		
393	UPVC clamp 3" /	No	
	(Alpha)(Dadex)		
394	UPVC clamp 4"/	No	
205	(Alpha)(Dadex)	NI -	
395	UPVC clamp 5" /	No	
396	(Alpha)(Dadex) UPVC clamp 6" /	No	
390	(Alpha)(Dadex)	NO	
397	UPVC clamp 8" /	No	
	(Alpha)(Dadex)		
398	Roadsir Elbow 3" x 2" UPVC	No	
	(Ploy fit)(Dadex)		
399	Roadsir Elbow 3" x 4" UPVC	No	
	(Poly fit) (Dadex)		
400	Solution for Pipe USA	Pound	
401	PPRC Pipe (25mm) (Minhas)	No	
402	PPRC Pipe (32mm) (Minhas)	No	
403	PPRC Pipe (40mm) (Minhas)	No	
404	PPRC Pipe (50mm) (Minhas)	No	
405	PPRC Elbow 25mm (Minhas)	No	
406	PPRC Elbow 32mm (Minhas)	No	
407	PPRC Elbow 40mm (Minhas)	No	
408	PPRC Elbow 50mm (Minhas)	No	
409	PPRC Elbow 45°c 25mm (Minhas)	No	
410	PPRC Elbow 45°c 32mm	No	
	(Minhas)		
	<u>.</u>	<u> </u>	

411	PPRC Reducer Elbow 25 x 32 (Minhas)	No
412	PPRC Elbow ½ x 25mm (Minhas)	No
413	PPRC Elbow ¾ x 25mm (Minhas)	No
414	PPRC Elbow ½ x 32mm (Minhas)	No
415	PPRC Elbow ¾ x 32mm (Minhas)	No
416	PPRC Elbow 1½ x 50mm (Minhas)	No
417	PPRC Elbow 1¼ x 50mm (Minhas)	No
418	PPRC Elbow 1½ x 40mm (Minhas)	No
419	PPRC Elbow 1¼ x 40mm (Minhas)	No
420	PPRC Male Elbow 32 x R1" (Minhas)	No
421	PPRC Elbow Female 1 x 32mm (Minhas)	No
422	PPRC Reducer Elbow 25 x 40 (Minhas)	No
423	PPRC Reducer Elbow 40 x 32 (Minhas)	No
424	PPRC Reducer Elbow 63 x 32 (Minhas)	No
425	PPRC Reducer Elbow 63 x 25(Minhas)	No
426	PPRC Male Threaded Elbow with Desk ½ x 20mm (Minhas)	No
427	PPRC Male Threaded Elbow with Desk ½ x 25mm (Minhas)	No
428	PPRC Female Threaded Elbow with Desk ½ x 20mm(Minhas)	No

429	PPRC Female Threaded Elbow	No		
	with Desk ½ x 25mm (Minhas)			
430	PPRC Duplex Male Threaded	No		
	Elbow 20 x ½ (Minhas)			
431	PPRC Duplex Male Threaded	No		
	Elbow 25 x ½ (Minhas)			
432	PPRC Duplex Female	No		
	Threaded Elbow 20 x ½			
	(Minhas)			
433	PPRC Duplex Female	No		
	Threaded Elbow 25 x			
	½(Minhas)			
434	PPRC Fax Elbow ½ x 25mm	No		
	(Minhas)			
435	PPRC Equal Tee	No		
	25mm(Minhas)			
436	PPRC Equal Tee 32mm	No		
	(Minhas)			
437	PPRC Equal Tee 40mm	No		
	(Minhas)			
438	PPRC Equal Tee 50mm	No		
420	(Minhas)	NI -		
439	PPRC Tee Female ½ x	No		
440	25mm(Minhas)	No		
440	PPRC Tee Female ¾ x 25mm	No		
441	(Minhas) PPRC Tee Female ½ x 31mm	No		
441	(Minhas)	NO		
442	PPRC Tee Female ¾ x 32mm	No		
772	(Minhas)	140		
443	PPRC Tee Female 1 x 32mm	No		
	(Minhas)			
444	PPRC Tee Male ½ x 25mm	No		
	(Minhas)			
445	PPRC Tee Male ¾ x 25mm	No		
	(Minhas)			
446	PPRC Tee Male ½ x 31mm	No		
	(Minhas)			
447	PPRC Tee Male ¾ x 32mm	No		

	(Minhas)			
448	PPRC Tee Male 1 x 32mm (Minhas)	No		
449	PPRC Reduser Tee 32 x 25 (Minhas)	No		
450	PPRC Reduser Tee 40 x 32 (Minhas)	No		
451	PPRC Reduser Tee 40 x 25 (Minhas)	No		
452	PPRC Reduser Tee 63 x 32 (Minhas)	No		
453	PPRC Reduser Tee 63 x 25 (Minhas)	No		
454	PPRC Cross Tee 20mm (Minhas)	No		
455	PPRC Cross Tee 25mm (Minhas)	No		
456	PPRC Cross Tee 32mm (Minhas)	No		
457	PPRC Cross Tee 40mm (Minhas)	No		
458	PPRC Cross Tee 50mm (Minhas)	No		
459	PPRC Cross Tee 63mm (Minhas)	No		
460	PPRC Duplex Male Threaded Tee 20 x ½ (Minhas)	No		
461	PPRC Duplex Male Threaded Tee 25 x ½ (Minhas)	No		
462	PPRC Duplex Female Threaded Tee 20 x ½ (Minhas)	No		
463	PPRC Duplex Female Threaded Tee 25 x ½ (Minhas)	No		
464	PPRC Socket 25mm (Minhas)	No		
465	PPRC Socket 32mm (Minhas)	No		
466	PPRC Socket 40mm (Minhas)	No		
467	PPRC Socket 50mm (Minhas)	No		

	T	
468	PPRC Socket ½ x 25mm	No
	(Minhas)	
469	PPRC Socket ¾ x 25mm	No No
	(Minhas)	
470	PPRC Socket ½ x 32mm	No
	(Minhas)	
471	PPRC Socket ¾ x 32mm	No
	(Minhas)	
472	PPRC Socket 1 x 32mm	No
	(Minhas)	
473	PPRC Socket 1¼ x 40mm	No
	(Minhas)	
474	PPRC Socket 1½ x 40mm	No
	(Minhas)	
475	PPRC Reduser Socket 25 x 32	No
	(Minhas)	
476	PPRC Reduser Socket 40 x 32	No
170	(Minhas)	
477	PPRC Bridge Bend (Cross	No
7//	Bend) 20mm (Minhas)	
478	PPRC Bridge Bend (Cross	No
470	Bend) 25mm (Minhas)	NO
479	PPRC Bridge Bend (Cross	No
4/9	Bend) 32mm (Minhas)	NO
480	, , , ,	No.
480	PPRC Bridge Bend (Cross	No
401	Bend) 40mm (Minhas)	No.
481	PPRC Bridge Bend (Cross	No
400	Bend) 50mm (Minhas)	
482	PPRC Bridge Bend (Cross	No
	Bend) 63mm (Minhas)	
483	PPRC Pipe Clamp 20mm	No
	(Minhas)	
484	PPRC Pipe Clamp 25mm	No
	(Minhas)	
485	PPRC Pipe Clamp 32mm	No No
	(Minhas)	
486	PPRC Pipe Clamp 40mm	No No
	(Minhas)	
487	PPRC Pipe Clamp 50mm	No
	(Minhas)	

488	PPRC Pipe Clamp 63mm (Minhas)	No
489	PPRC Union 25mm (Minhas)	No
490	PPRC Union 32mm (Minhas)	No
491	PPRC Union 40mm (Minhas)	No
492	PPRC Union 50mm (Minhas)	No
493	Female Union Joint (Minhas)	No
494	Male Union Joint (Minhas)	No
495	PPRC Union P to P 40mm (Minhas)	No
496	PPRC Union P to P 50mm (Minhas)	No
497	PPRC Union P to P 63mm (Minhas)	No
498	PPRC Union P to P 25mm (Minhas)	No No
499	PPRC Union P to P 32mm (Minhas)	No
500	PPRC Female Threaded Union 20 x ½ (Minhas)	No
501	PPRC Female Threaded Union 25 x ½ (Minhas)	No
502	PPRC Female Threaded Union 25 x ¾ (Minhas)	No
503	PPRC Female Threaded Union 32 x 1 (Minhas)	No
504	PPRC Female Threaded Union 40 x 1¼ (Minhas)	No
505	PPRC Female Threaded Union 50 x 1½ (Minhas)	No
506	PPRC Female Threaded Union 63 x 2" (Minhas)	No
507	PPRC Male Threaded Union 20 x ½ (Minhas)	No
508	PPRC Male Threaded Union 25 x ¾ (Minhas)	No
509	PPRC Male Threaded Union 32 x 1 (Minhas)	No

40 x 1½ (Minhas) 511 PPRC Male Threaded Union SO x 1½ (Minhas) 512 PPRC Male Threaded Union G3 x 2"(Minhas) 513 PPRC Double Brass Union 20 x ½ (Minhas) 514 PPRC Double Brass Union 25 x No ½ (Minhas) 515 PPRC Double Brass Union 32 x No 1 (Minhas) 516 PPRC Double Brass Union 40 x No 1½ (Minhas) 517 PPRC Double Brass Union 50 x No 1½ (Minhas) 518 PPRC Double Brass Union 63 x 2" (Minhas) 519 Underground Brass Bend 25 (Minhas) 520 Underground Brass Bend 32 (Minhas) 521 PPRC Ball wall 32mm (Minhas) No 522 PPRC Ball wall 25mm (Minhas) No 523 PPRC Gate Valve 20 (Minhas) No 524 PPRC Gate Valve 25 (Minhas) No 525 PPRC Gate Valve 20 (Minhas) No 526 PPRC Gate Valve 20 (Minhas) No 527 PPRC Gate Valve 20 (Minhas) No 528 PPRC Gate Valve 20 (Minhas) No 529 PPRC Stop Valve 20 (Minhas) No 529 PPRC Stop Valve 25 (Minhas) No 529 PPRC Stop Valve 25 (Minhas) No 530 PPRC Stop Valve 25 (Minhas) No 531 PPRC Stop Valve 26 (Minhas) No 532 PPRC Stop Valve 26 (Minhas) No 533 PPRC Stop Valve 30 (Minhas) No 534 PPRC Stop Valve 63 (Minhas) No 534 PPRC Stop Valve 63 (Minhas) No 534 PPRC Stop Valve 75 (Minhas) No 535 PPRC Stop Valve 75 (Minhas) No 536 PPRC Stop Valve 75 (Minhas) No 537 PPRC Stop Valve 75 (Minhas) No 538 PPRC Stop Valve 75 (Minhas) No 539 PPRC Stop Valve 75 (Minhas) No 530 PPRC Stop Valve 75 (Minhas) No 531 PPRC Stop Valve 75 (Minhas) No 531 PPRC Stop Valve 75 (Minhas) No 531 PPRC Stop Valve 75 (Minhas) No 532 PPRC Stop Valve 75 (Minhas) No 534 PPRC Stop Valve 75 (Minhas) No 534 PPRC Stop Valve 75 (Minhas) No 534 PPRC Stop Valve 75 (Minhas) No 536 PPRC Stop Valve 75 (Minhas) No 537 PPRC Stop Valve 75 (Minhas) No 538 PPRC Stop Valve 75 (Minhas) No 538 PPRC Stop Valve 75 (Minh	510	PPRC Male Threaded Union	No		
S0 x 1½ (Minhas)					
512 PPRC Male Threaded Union 63 x 2"(Minhas) No 513 PPRC Double Brass Union 20 x //(Minhas) No 514 PPRC Double Brass Union 25 x //(Minhas) No 515 PPRC Double Brass Union 32 x //(Minhas) No 516 PPRC Double Brass Union 40 x //(Minhas) No 517 PPRC Double Brass Union 50 x //(Minhas) No 518 PPRC Double Brass Union 63 x //(Minhas) No 519 Underground Brass Bend 25 //(Minhas) No 510 Underground Brass Bend 32 //(Minhas) No 520 Underground Brass Bend 32 //(Minhas) No 521 PPRC Ball wall 32mm (Minhas) No 522 PPRC Ball wall 25mm (Minhas) No 523 PPRC Gate Valve 20 (Minhas) No 524 PPRC Gate Valve 25 (Minhas) No 525 PPRC Gate Valve 40 (Minhas) No 527 PPRC Gate Valve 50 (Minhas) No 528 PPRC Stop Valve 20 (Minhas) No 530 PPRC Stop Valve 20 (Minhas) No 531 PPRC Stop Valve 32 (Minhas) No 532 P	511	PPRC Male Threaded Union	No		
63 x 2"(Minhas) 513 PPRC Double Brass Union 20 x No %(Minhas) 514 PPRC Double Brass Union 25 x No % (Minhas) 515 PPRC Double Brass Union 32 x No 1 (Minhas) 516 PPRC Double Brass Union 40 x No 1% (Minhas) 517 PPRC Double Brass Union 50 x No 1% (Minhas) 518 PPRC Double Brass Union 63 x No 2" (Minhas) 519 Underground Brass Bend 25 No (Minhas) 520 Underground Brass Bend 32 No (Minhas) 521 PPRC Ball wall 32mm (Minhas) No 522 PPRC Gate Valve 20 (Minhas) No 524 PPRC Gate Valve 25 (Minhas) No 525 PPRC Gate Valve 32 (Minhas) No 526 PPRC Gate Valve 40 (Minhas) No 527 PPRC Gate Valve 40 (Minhas) No 527 PPRC Gate Valve 20 (Minhas) No 528 PPRC Stop Valve 20 (Minhas) No 529 PPRC Stop Valve 25 (Minhas) No 530 PPRC Stop Valve 32 (Minhas) No 531 PPRC Stop Valve 40 (Minhas) No 532 PPRC Stop Valve 40 (Minhas) No 533 PPRC Stop Valve 50 (Minhas) No 534 PPRC Stop Valve 40 (Minhas) No 535 PPRC Stop Valve 50 (Minhas) No 537 PPRC Stop Valve 40 (Minhas) No 538 PPRC Stop Valve 40 (Minhas) No 548 PPRC Stop Valve 40 (Minhas) No 549 PPRC Stop Valve 40 (Minhas) No 540 PPRC Stop Valve 40 (Minhas) No 541 PPRC Stop Valve 50 (Minhas) No 542 PPRC Stop Valve 50 (Minhas) No 543 PPRC Stop Valve 63 (Minhas) No 544 PPRC Stop Valve 63 (Minhas) No 545 PPRC Stop Valve 63 (Minhas) No 546 PPRC Stop Valve 63 (Minhas) No 547 PPRC Stop Valve 63 (Minhas) No 548 PPRC Stop Valve 63 (Minhas) No 548 PPRC Stop Valve 63 (Minhas) No 549 PPRC Stop Valve 63 (Minhas) No 549 PPRC Stop Valve 64 (Minhas) No 549 PPRC Stop Valve 65 (Minhas) No 540 PPRC Stop Valve 66 (Minhas) No 540 PPRC Stop Valve 67 (Minhas) No 540 PPR		50 x 1½ (Minhas)			
513 PPRC Double Brass Union 20 x %(Minhas) 514 PPRC Double Brass Union 25 x No %(Minhas) 515 PPRC Double Brass Union 32 x No 1 (Minhas) 516 PPRC Double Brass Union 40 x 1 (Minhas) 517 PPRC Double Brass Union 50 x No 1½ (Minhas) 518 PPRC Double Brass Union 63 x No 2" (Minhas) 519 Underground Brass Bend 25 No (Minhas) 520 Underground Brass Bend 32 No (Minhas) 521 PPRC Ball wall 32mm (Minhas) No 522 PPRC Ball wall 32mm (Minhas) No 523 PPRC Gate Valve 20 (Minhas) No 525 PPRC Gate Valve 25 (Minhas) No 526 PPRC Gate Valve 40 (Minhas) No 527 PPRC Gate Valve 40 (Minhas) No 528 PPRC Gate Valve 50 (Minhas) No 529 PPRC Stop Valve 20 (Minhas) No 530 PPRC Stop Valve 32 (Minhas) No 531 PPRC Stop Valve 40 (Minhas) No 531 PPRC Stop Valve 50 (Minhas) No 532 PPRC Stop Valve 40 (Minhas) No 533 PPRC Stop Valve 50 (Minhas) No 534 PPRC Stop Valve 50 (Minhas) No 555 PPRC Stop Valve 40 (Minhas) No 557 PPRC Stop Valve 40 (Minhas) No 558 PPRC Stop Valve 40 (Minhas) No 559 PPRC Stop Valve 40 (Minhas) No 559 PPRC Stop Valve 50 (Minhas) No 559 PPRC Stop Valve 50 (Minhas) No 550 PPRC Stop Valve 63 (Minhas) No 550 PPRC Stop Valve 64 (Minhas) No 550 PPRC Stop Valve 65 (Minhas)	512	PPRC Male Threaded Union	No		
½(Minhas) No 514 PPRC Double Brass Union 25 x No ¾ (Minhas) No 515 PPRC Double Brass Union 32 x 1 (Minhas) 516 PPRC Double Brass Union 40 x 1/4 (Minhas) 517 PPRC Double Brass Union 50 x 1/4 (Minhas) 518 PPRC Double Brass Union 63 x 2" (Minhas) 519 Underground Brass Bend 25 (Minhas) 520 Underground Brass Bend 32 (Minhas) 521 PPRC Ball wall 32mm (Minhas) 522 PPRC Ball wall 25mm (Minhas) 523 PPRC Gate Valve 20 (Minhas) 524 PPRC Gate Valve 25 (Minhas) 525 PPRC Gate Valve 40 (Minhas) 526 PPRC Gate Valve 40 (Minhas) 527 PPRC Gate Valve 50 (Minhas) 528 PPRC Stop Valve 22 (Minhas) 530 PPRC Stop Valve 32 (Minhas) 531 PPRC Stop Valve 40 (Minhas) 532 PPRC Stop Valve 50 (Minhas) 533 PPRC Stop Valve 63 (Minhas) No		63 x 2"(Minhas)			
514 PPRC Double Brass Union 25 x % (Minhas) 515 PPRC Double Brass Union 32 x 1 (Minhas) 516 PPRC Double Brass Union 40 x 1 (Minhas) 517 PPRC Double Brass Union 50 x 1 1// (Minhas) 518 PPRC Double Brass Union 63 x 2" (Minhas) 519 Underground Brass Bend 25 (Minhas) 520 Underground Brass Bend 32 (Minhas) 521 PPRC Ball wall 32mm (Minhas) No 522 PPRC Ball wall 25mm (Minhas) No 523 PPRC Gate Valve 20 (Minhas) No 524 PPRC Gate Valve 25 (Minhas) No 525 PPRC Gate Valve 40 (Minhas) No 526 PPRC Gate Valve 40 (Minhas) No 527 PPRC Gate Valve 20 (Minhas) No 528 PPRC Stop Valve 20 (Minhas) No 530 PPRC Stop Valve 40 (Minhas) No 531 PPRC Stop Valve 40 (Minhas) No 532 PPRC Stop Valve 40 (Minhas) No 533 PPRC Stop Valve 40 (Minhas) No 534 PPRC Stop Valve 40 (Minhas) No	513		No		
½ (Minhas) No 515 PPRC Double Brass Union 32 x 1 (Minhas) No 516 PPRC Double Brass Union 40 x 1½ (Minhas) No 517 PPRC Double Brass Union 50 x 1½ (Minhas) No 518 PPRC Double Brass Union 63 x 2" (Minhas) No 519 Underground Brass Bend 25 (Minhas) No 520 Underground Brass Bend 32 (Minhas) No 521 PPRC Ball wall 32mm (Minhas) No 522 PPRC Ball wall 25mm (Minhas) No 523 PPRC Gate Valve 20 (Minhas) No 524 PPRC Gate Valve 25 (Minhas) No 525 PPRC Gate Valve 32 (Minhas) No 526 PPRC Gate Valve 40 (Minhas) No 527 PPRC Gate Valve 50 (Minhas) No 528 PPRC Stop Valve 20 (Minhas) No 529 PPRC Stop Valve 25 (Minhas) No 530 PPRC Stop Valve 32 (Minhas) No 531 PPRC Stop Valve 40 (Minhas) No 533 PPRC Stop Valve 50 (Minhas) No 533 PPRC Stop Valve 63 (Minhas) No		, ,			
515 PPRC Double Brass Union 32 x 1 (Minhas) 516 PPRC Double Brass Union 40 x 1¼ (Minhas) 517 PPRC Double Brass Union 50 x 1½ (Minhas) 518 PPRC Double Brass Union 63 x 2" (Minhas) 519 Underground Brass Bend 25 (Minhas) 520 Underground Brass Bend 32 (Minhas) 521 PPRC Ball wall 32mm (Minhas) No 522 PPRC Ball wall 25mm (Minhas) No 523 PPRC Gate Valve 20 (Minhas) No 524 PPRC Gate Valve 25 (Minhas) No 525 PPRC Gate Valve 40 (Minhas) No 526 PPRC Gate Valve 50 (Minhas) No 527 PPRC Gate Valve 20 (Minhas) No 528 PPRC Stop Valve 20 (Minhas) No 530 PPRC Stop Valve 32 (Minhas) No 531 PPRC Stop Valve 40 (Minhas) No 532 PPRC Stop Valve 50 (Minhas) No 533 PPRC Stop Valve 40 (Minhas) No 534 PPRC Stop Valve 40 (Minhas) No 535 PPRC Stop Valve 30 (Minhas) No 536 PPRC Stop Valve 40 (Minhas) No 537 PPRC Stop Valve 40 (Minhas) No	514		No		
1 (Minhas) 516	F1F	, ,	No		
516 PPRC Double Brass Union 40 x 1½ (Minhas) 517 PPRC Double Brass Union 50 x 1½ (Minhas) 518 PPRC Double Brass Union 63 x 2" (Minhas) 519 Underground Brass Bend 25 No (Minhas) 520 Underground Brass Bend 32 (Minhas) 521 PPRC Ball wall 32mm (Minhas) No 522 PPRC Ball wall 25mm (Minhas) No 523 PPRC Gate Valve 20 (Minhas) No 524 PPRC Gate Valve 25 (Minhas) No 525 PPRC Gate Valve 40 (Minhas) No 526 PPRC Gate Valve 40 (Minhas) No 527 PPRC Gate Valve 50 (Minhas) No 528 PPRC Stop Valve 20 (Minhas) No 529 PRC Stop Valve 32 (Minhas) No 530 PPRC Stop Valve 40 (Minhas) No 531 PPRC Stop Valve 40 (Minhas) No 532 PPRC Stop Valve 40 (Minhas) No 533 PPRC Stop Valve 40 (Minhas) No	212		INO		
1¼ (Minhas) 517 PPRC Double Brass Union 50 x No 1½ (Minhas) 518 PPRC Double Brass Union 63 x No 2" (Minhas) 519 Underground Brass Bend 25 No (Minhas) 520 Underground Brass Bend 32 No (Minhas) 521 PPRC Ball wall 32mm (Minhas) No 522 PPRC Ball wall 25mm (Minhas) No 523 PPRC Gate Valve 20 (Minhas) No 524 PPRC Gate Valve 25 (Minhas) No 525 PPRC Gate Valve 32(Minhas) No 526 PPRC Gate Valve 40 (Minhas) No 527 PPRC Gate Valve 50 (Minhas) No 528 PPRC Stop Valve 25 (Minhas) No 529 PPRC Stop Valve 25 (Minhas) No 530 PPRC Stop Valve 40 (Minhas) No 531 PPRC Stop Valve 50 (Minhas) No 532 PPRC Stop Valve 50 (Minhas) No 533 PPRC Stop Valve 40 (Minhas) No	516	, ,	No		
517 PPRC Double Brass Union 50 x 1½ (Minhas) 518 PPRC Double Brass Union 63 x 2" (Minhas) 519 Underground Brass Bend 25 No (Minhas) 520 Underground Brass Bend 32 No (Minhas) 521 PPRC Ball wall 32mm (Minhas) No 522 PPRC Ball wall 25mm (Minhas) No 523 PPRC Gate Valve 20 (Minhas) No 524 PPRC Gate Valve 25 (Minhas) No 525 PPRC Gate Valve 32 (Minhas) No 526 PPRC Gate Valve 40 (Minhas) No 527 PPRC Gate Valve 50 (Minhas) No 528 PPRC Stop Valve 20 (Minhas) No 529 PPRC Stop Valve 32 (Minhas) No 530 PPRC Stop Valve 32 (Minhas) No 531 PPRC Stop Valve 40 (Minhas) No 532 PPRC Stop Valve 63 (Minhas) No 533 PPRC Stop Valve 63 (Minhas) No			140		
518 PPRC Double Brass Union 63 x 2" (Minhas) 519 Underground Brass Bend 25 No (Minhas) 520 Underground Brass Bend 32 No (Minhas) 521 PPRC Ball wall 32mm (Minhas) No 522 PPRC Ball wall 25mm (Minhas) No 523 PPRC Gate Valve 20 (Minhas) No 524 PPRC Gate Valve 25 (Minhas) No 525 PPRC Gate Valve 25 (Minhas) No 526 PPRC Gate Valve 40 (Minhas) No 527 PPRC Gate Valve 50 (Minhas) No 528 PPRC Stop Valve 20 (Minhas) No 529 PPRC Stop Valve 25 (Minhas) No 530 PPRC Stop Valve 32 (Minhas) No 531 PPRC Stop Valve 40 (Minhas) No 532 PPRC Stop Valve 50 (Minhas) No 533 PPRC Stop Valve 50 (Minhas) No	517	, ,	No		
2" (Minhas) 519 Underground Brass Bend 25 No (Minhas) 520 Underground Brass Bend 32 No (Minhas) 521 PPRC Ball wall 32mm (Minhas) No 522 PPRC Ball wall 25mm (Minhas) No 523 PPRC Gate Valve 20 (Minhas) No 524 PPRC Gate Valve 25 (Minhas) No 525 PPRC Gate Valve 32 (Minhas) No 526 PPRC Gate Valve 40 (Minhas) No 527 PPRC Gate Valve 50 (Minhas) No 528 PPRC Stop Valve 20 (Minhas) No 529 PPRC Stop Valve 32 (Minhas) No 530 PPRC Stop Valve 32 (Minhas) No 531 PPRC Stop Valve 40 (Minhas) No 532 PPRC Stop Valve 63 (Minhas) No 533 PPRC Stop Valve 63 (Minhas) No		1½ (Minhas)			
519 Underground Brass Bend 25 No (Minhas) 520 Underground Brass Bend 32 No (Minhas) 521 PPRC Ball wall 32mm (Minhas) No 522 PPRC Ball wall 25mm (Minhas) No 523 PPRC Gate Valve 20 (Minhas) No 524 PPRC Gate Valve 25 (Minhas) No 525 PPRC Gate Valve 32(Minhas) No 526 PPRC Gate Valve 40 (Minhas) No 527 PPRC Gate Valve 50 (Minhas) No 528 PPRC Stop Valve 20 (Minhas) No 529 PPRC Stop Valve 25 (Minhas) No 530 PPRC Stop Valve 32 (Minhas) No 531 PPRC Stop Valve 40 (Minhas) No 532 PPRC Stop Valve 50 (Minhas) No 533 PPRC Stop Valve 63 (Minhas) No	518	PPRC Double Brass Union 63 x	No		
(Minhas) 520 Underground Brass Bend 32 No (Minhas) 521 PPRC Ball wall 32mm (Minhas) No 522 PPRC Ball wall 25mm (Minhas) No 523 PPRC Gate Valve 20 (Minhas) No 524 PPRC Gate Valve 25 (Minhas) No 525 PPRC Gate Valve 32(Minhas) No 526 PPRC Gate Valve 40 (Minhas) No 527 PPRC Gate Valve 50 (Minhas) No 528 PPRC Stop Valve 20 (Minhas) No 529 PPRC Stop Valve 25(Minhas) No 530 PPRC Stop Valve 32 (Minhas) No 531 PPRC Stop Valve 40 (Minhas) No 532 PPRC Stop Valve 50 (Minhas) No 533 PPRC Stop Valve 63 (Minhas) No		2" (Minhas)			
520 Underground Brass Bend 32 (Minhas) 521 PPRC Ball wall 32mm (Minhas) No 522 PPRC Ball wall 25mm (Minhas) No 523 PPRC Gate Valve 20 (Minhas) No 524 PPRC Gate Valve 25 (Minhas) No 525 PPRC Gate Valve 32 (Minhas) No 526 PPRC Gate Valve 40 (Minhas) No 527 PPRC Gate Valve 50 (Minhas) No 528 PPRC Stop Valve 20 (Minhas) No 529 PPRC Stop Valve 25 (Minhas) No 530 PPRC Stop Valve 32 (Minhas) No 531 PPRC Stop Valve 40 (Minhas) No 532 PPRC Stop Valve 50 (Minhas) No 533 PPRC Stop Valve 63 (Minhas) No	519	Underground Brass Bend 25	No		
(Minhas) 521 PPRC Ball wall 32mm (Minhas) No 522 PPRC Ball wall 25mm (Minhas) No 523 PPRC Gate Valve 20 (Minhas) No 524 PPRC Gate Valve 25 (Minhas) No 525 PPRC Gate Valve 32(Minhas) No 526 PPRC Gate Valve 40 (Minhas) No 527 PPRC Gate Valve 50 (Minhas) No 528 PPRC Stop Valve 20 (Minhas) No 529 PPRC Stop Valve 25 (Minhas) No 530 PPRC Stop Valve 32 (Minhas) No 531 PPRC Stop Valve 40 (Minhas) No 532 PPRC Stop Valve 63 (Minhas) No		(Minhas)			
521 PPRC Ball wall 32mm (Minhas) No 522 PPRC Ball wall 25mm (Minhas) No 523 PPRC Gate Valve 20 (Minhas) No 524 PPRC Gate Valve 25 (Minhas) No 525 PPRC Gate Valve 32 (Minhas) No 526 PPRC Gate Valve 40 (Minhas) No 527 PPRC Gate Valve 50 (Minhas) No 528 PPRC Stop Valve 20 (Minhas) No 529 PPRC Stop Valve 25 (Minhas) No 530 PPRC Stop Valve 32 (Minhas) No 531 PPRC Stop Valve 40 (Minhas) No 532 PPRC Stop Valve 50 (Minhas) No 533 PPRC Stop Valve 63 (Minhas) No	520		No		
522 PPRC Ball wall 25mm (Minhas) No 523 PPRC Gate Valve 20 (Minhas) No 524 PPRC Gate Valve 25 (Minhas) No 525 PPRC Gate Valve 32 (Minhas) No 526 PPRC Gate Valve 40 (Minhas) No 527 PPRC Gate Valve 50 (Minhas) No 528 PPRC Stop Valve 20 (Minhas) No 529 PPRC Stop Valve 25 (Minhas) No 530 PPRC Stop Valve 32 (Minhas) No 531 PPRC Stop Valve 40 (Minhas) No 532 PPRC Stop Valve 50 (Minhas) No 533 PPRC Stop Valve 50 (Minhas) No	F24	, ,	NI -		
523 PPRC Gate Valve 20 (Minhas) No 524 PPRC Gate Valve 25 (Minhas) No 525 PPRC Gate Valve 32 (Minhas) No 526 PPRC Gate Valve 40 (Minhas) No 527 PPRC Gate Valve 50 (Minhas) No 528 PPRC Stop Valve 20 (Minhas) No 529 PPRC Stop Valve 25 (Minhas) No 530 PPRC Stop Valve 32 (Minhas) No 531 PPRC Stop Valve 40 (Minhas) No 532 PPRC Stop Valve 50 (Minhas) No 533 PPRC Stop Valve 63 (Minhas) No		` '	No		
524 PPRC Gate Valve 25 (Minhas) No 525 PPRC Gate Valve 32(Minhas) No 526 PPRC Gate Valve 40 (Minhas) No 527 PPRC Gate Valve 50 (Minhas) No 528 PPRC Stop Valve 20 (Minhas) No 529 PPRC Stop Valve 25(Minhas) No 530 PPRC Stop Valve 32 (Minhas) No 531 PPRC Stop Valve 40 (Minhas) No 532 PPRC Stop Valve 50 (Minhas) No 533 PPRC Stop Valve 50 (Minhas) No	522	PPRC Ball wall 25mm (Minhas)	No		
525 PPRC Gate Valve 32(Minhas) No 526 PPRC Gate Valve 40 (Minhas) No 527 PPRC Gate Valve 50 (Minhas) No 528 PPRC Stop Valve 20 (Minhas) No 529 PPRC Stop Valve 25(Minhas) No 530 PPRC Stop Valve 32 (Minhas) No 531 PPRC Stop Valve 40 (Minhas) No 532 PPRC Stop Valve 50 (Minhas) No 533 PPRC Stop Valve 63 (Minhas) No	523	PPRC Gate Valve 20 (Minhas)	No		
526 PPRC Gate Valve 40 (Minhas) No 527 PPRC Gate Valve 50 (Minhas) No 528 PPRC Stop Valve 20 (Minhas) No 529 PPRC Stop Valve 25(Minhas) No 530 PPRC Stop Valve 32 (Minhas) No 531 PPRC Stop Valve 40 (Minhas) No 532 PPRC Stop Valve 50 (Minhas) No 533 PPRC Stop Valve 63 (Minhas) No	524	PPRC Gate Valve 25 (Minhas)	No		
527 PPRC Gate Valve 50 (Minhas) No 528 PPRC Stop Valve 20 (Minhas) No 529 PPRC Stop Valve 25(Minhas) No 530 PPRC Stop Valve 32 (Minhas) No 531 PPRC Stop Valve 40 (Minhas) No 532 PPRC Stop Valve 50 (Minhas) No 533 PPRC Stop Valve 63 (Minhas) No	525	PPRC Gate Valve 32(Minhas)	No		
528 PPRC Stop Valve 20 (Minhas) No 529 PPRC Stop Valve 25(Minhas) No 530 PPRC Stop Valve 32 (Minhas) No 531 PPRC Stop Valve 40 (Minhas) No 532 PPRC Stop Valve 50 (Minhas) No 533 PPRC Stop Valve 63 (Minhas) No	526	PPRC Gate Valve 40 (Minhas)	No		
529 PPRC Stop Valve 25(Minhas) No 530 PPRC Stop Valve 32 (Minhas) No 531 PPRC Stop Valve 40 (Minhas) No 532 PPRC Stop Valve 50 (Minhas) No 533 PPRC Stop Valve 63 (Minhas) No	527	PPRC Gate Valve 50 (Minhas)	No		
530 PPRC Stop Valve 32 (Minhas) No 531 PPRC Stop Valve 40 (Minhas) No 532 PPRC Stop Valve 50 (Minhas) No 533 PPRC Stop Valve 63 (Minhas) No	528	PPRC Stop Valve 20 (Minhas)	No		
531 PPRC Stop Valve 40 (Minhas) No 532 PPRC Stop Valve 50 (Minhas) No 533 PPRC Stop Valve 63 (Minhas) No	529	PPRC Stop Valve 25(Minhas)	No		
532 PPRC Stop Valve 50 (Minhas) No 533 PPRC Stop Valve 63 (Minhas) No	530	PPRC Stop Valve 32 (Minhas)	No		
533 PPRC Stop Valve 63 (Minhas) No	531	PPRC Stop Valve 40 (Minhas)	No		
	532	PPRC Stop Valve 50 (Minhas)	No		
534 PPRC Stop Valve 75 (Minhas) No	533	PPRC Stop Valve 63 (Minhas)	No		
	534	PPRC Stop Valve 75 (Minhas)	No		

535	PPRC Stop Valve 90 (Minhas)	No
536	PPRC Stop Valve 110 (Minhas)	No
537	Dark Valve (Fast Open Type)	No
	20 (Minhas)	
538	Dark Valve (Fast Open Type)	No
	25 (Minhas)	
539	Dark Valve 2.3 cm Handle	No
	part (slow Open Type) 20	
540	(Minhas) Dark Valve 2.3 cm Handle	No
340	part (slow Open Type) 25	INO I
	(Minhas)	
541	Dark Valve 2.3 cm Handle	No
	part (slow Open Type)	
	32(Minhas)	
542	Dark Valve 3.5 cm Handle	No
	part (slow Open Type) 20	
	(Minhas)	
543	Dark Valve 3.5 cm Handle	No
	part (slow Open Type) 25	
E 4.4	(Minhas) Dark Valve 3.5 cm Handle	No
544	part (slow Open Type) 32	NO
	(Minhas)	
545	PPRC Concealed 20 (Minhas)	No
546	PPRC Concealed 25 (Minhas)	No
547	PPRC Concealed 32 (Minhas)	No
548	PPRC Single Union & Female	No
	Threaded Ball Valve 20	
	(Minhas)	
549	PPRC Single Union & Female	No
	Threaded Ball Valve 25	
	(Minhas)	
550	PPRC Single Union & Female	No
	Threaded Ball Valve 32	
EF4	(Minhas)	No.
551	PPRC Single Union & Male Threaded Ball Valve 20	No
	(Minhas)	
	(14.1111103)	

552	PPRC Single Union & Male	No	
	Threaded Ball Valve 25		
	(Minhas)		
553	PPRC Single Union & Male	No	
	Threaded Ball Valve		
	32(Minhas)		
554	PPRC Double Union Ball Valve	No	
	20 x 20mm (Minhas)		
555	PPRC Double Union Ball Valve	No	
	25 x 25mm (Minhas)		
556	PPRC Double Union Ball Valve	No	
	32 x 32mm (Minhas)		
557	PPRC Double Union Ball Valve	No	
	40 x 40mm (Minhas)		
558	PPRC Double Union Ball	No	
	Valve 50 x 50mm (Minhas)		
559	PPRC Double Union Ball Valve	No	
	63x 63 (Minhas)		
560	PPRC Double Union Ball Valve	No	
	75x 75 (Minhas)		
561	PPRC Double Union Ball Valve	No	
	90x 90 (Minhas)		
562	PPRC Double Union Ball Valve	No	
	100 x 100(Minhas)		
563	PPRC Adjustment Wall Shower	No	
	25 (Minhas)		
564	PPRC Adjustment Wall Shower	No	
	32(Minhas)		
565	PPRC Stop Cock Underground	No	
	25mm (Minhas)		
566	PPRC Stop Cock Underground	No	
	32mm (Minhas)		
567	PPRC Coupling 25 x ½	No	
	(Minhas)		
568	PPRC Coupling 32 x ½	No	
	(Minhas)		
569	PPRC Coupling 160 (Minhas)	No	
570	PPRC Female Threaded	No	
	Coupling 20 x ½ (Minhas)		
571	PPRC Female Threaded	No	

	Coupling 20 x ¾ (Minhas)			
572	PPRC Female Threaded Coupling 25 x ½ (Minhas)	No		
573	PPRC Female Threaded Coupling 25 x ¾ (Minhas)	No		
574	PPRC Female Threaded Coupling 32 x ½ (Minhas)	No		
575	PPRC Female Threaded Coupling 32 x ¾ (Minhas)	No		
576	PPRC Female Threaded Coupling 32 x 1 (Minhas)	No		
577	PPRC Female Threaded Coupling 40 x 1¼ (Minhas)	No		
578	PPRC Female Threaded Coupling 40 x 1¼ (Minhas)	No		
579	PPRC Female Threaded Coupling 50 x 1½ (Minhas)	No		
580	PPRC Female Threaded Coupling 63 x 2 (Minhas)	No		
581	PPRC Female Threaded Coupling 75 x 2½ (Minhas)	No		
582	PPRC Female Threaded Coupling 90 x 3 (Minhas)	No		
583	PPRC Female Threaded Coupling 110 x 4 (Minhas)	No		
584	PPRC Male Threaded Coupling 20 x ½ (Minhas)	No		
585	PPRC Male Threaded Coupling 20 x ¾ (Minhas)	No		
586	PPRC Male Threaded Coupling 25 x ½ (Minhas)	No		
587	PPRC Male Threaded Coupling 25 x ¾ (Minhas)	No		
588	PPRC Male Threaded Coupling 32 x ½ (Minhas)	No		
589	PPRC Male Threaded Coupling 32 x ¾ (Minhas)	No		
590	PPRC Male Threaded Coupling 32 x 1 (Minhas)	No		
591	PPRC Male Threaded Coupling	No		

	40 x 1¼ (Minhas)			
592	PPRC Male Threaded Coupling	No		
332	50 x 1½ (Minhas)	INO		
593	PPRC Male Threaded Coupling	No		
	63 x 2 (Minhas)	110		
594	PPRC Male Threaded Coupling	No		
	75 x 2½ (Minhas)	110		
595	PPRC Male Threaded Coupling	No		
	90 x 3 (Minhas)			
596	PPRC Male Threaded Coupling	No		
	110 x 4 (Minhas)			
597	PPRC Duplex Male Threaded	No		
	Coupling 20 x ½ (Minhas)			
598	PPRC Duplex Male Threaded	No		
	Coupling 25 x ½ (Minhas)			
599	PPRC Duplex Female	No		
	Threaded Coupling 20 x 1/2			
	(Minhas)			
600	PPRC Duplex Female	No		
	Threaded Coupling 25 x ½			
	(Minhas)			
601	PPRC Ball Valve with Brass Ball	No		
	20(Minhas)			
602	PPRC Ball Valve with Brass Ball	No		
	25 (Minhas)			
603	PPRC Ball Valve with Brass Ball	No		
	32 (Minhas)			
604	PPRC Ball Valve with Brass Ball	No		
605	40 (Minhas)			
605	PPRC Ball Valve with Brass Ball	No		
606	50 (Minhas) PPRC Ball Valve with Brass Ball	No		
606	63 (Minhas)	INO		
607	PPRC Ball Valve with Brass Ball	No		
007	75 (Minhas)	110		
608	PPRC Ball Valve with Brass Ball	No		
	90 (Minhas)	110		
609	PPRC Ball Valve with Brass Ball	No		
	28 (Minhas)			
610	PPRC Ball Valve with Brass Ball	No		
		<u> </u>	L	

	29 (Minhas)			
611	PPRC Ball Valve with Brass Ball	No		
	30 (Minhas)			
612	PPRC Ball Valve with Brass Ball	No		
	31 (Minhas)			
613	PPRC Flange 40 (Minhas)	No		
614	PPRC Flange 63 (Minhas)	No		
615	PPRC Flange 160 (Minhas)	No		
616	PPRC Incap (25mm) (Minhas)	No		
617	PPRC Incap (32mm) (Minhas)	No		
618	PPRC Incap (40mm) (Minhas)	No		
619	PPRC Incap (50mm) (Minhas)	No		
620	PPRC Plug ½ (Minhas)	No		
621	PPRC Plug ¾(Minhas)	No		
622	PPRC Plug 25 (Minhas)	No		
623	PPRC Plug 20 (Minhas)	No		
624	Hock 1/2	No		
625	Hock 3/4	No		
626	Hock 1"	No		
627	Clip 25mm	No		
628	Clip 32mm	No		
629	Clip 40mm	No		
630	Clip 50mm	No		
631	Clip 63mm	No		
632	Plastic pipe for Garden 1"	No		
	3mm (Canon)			
633	Plastic pipe for Garden 1 ½	No		
	3mm			
634	Plastic pipe for Garden 3/4	No		
	3mm			
635	Plastic pipe for Garden 2"	No		
	3mm			
636	Sui Gas Meter (Commercial	No		
	Used)			
637	Sui Gas Meter (Domestic	No	 	
	Used)			
638	Back Valve 1"	No		
639	Back Valve ¾	No		
640	Manhole (cast iron) 6" x 6"			
641	Manhole (cast iron) 2" x 2"			

642	Gate wall Dori 3"	No		
643	Gate wall Dori 4"	No		
644	Steel Brackets for WHB Sinks.	Pair		
645	Providing and Fixing Plastic	No		
	low down flushing cistern 3			
	gallons (13.63 Liters) capacity			
	including bracket set, copper			
	connection, etc. complete in			
	all respects: White			
646	Providing glazed earthen ware	No		
	WC European type of			
	approved size excluding cost			
	of seat & cover, complete in			
	all respects: White			
647	Providing glazed earthenware	No		
	water closet (WC), squatter			
	type (orisa pattern) combined			
	with foot rest. complete in all			
	respects			
648	Providing Double Seat &	No		
	Cover only :Bakelite			
649	Providing stainless steel sink	No		
	with drain board size (120x45			
	cm) 48"x18" including set of			
CEO	brakets, waste pipe etc	NI -		
650	Providing and Fixing white	No		
	glazed earthenware flat back			
651	urinal complete in all respects Providing Plastic low down	No		
031	flushing cistern 3 gallons	NO		
	(13.63 Liters) capacity			
	including bracket set copper			
	connection, etc. complete in			
	bracket set, all respects:			
	White			
652	Providing of soap dish plastic	No		
	complete			
653	Providing chronicum plated	No		
	soap dish complete			
654	Providing superior quality	No		

	plastic toilet paper holder.			
655	Providing superior quality plastic towel rail.	No		
656	Providing superior quality plastic shelf 60 x 13 cm (24"x5") with bracket	No		
657	Providing 'P' trap of approved quality including GI grating & PCC chamber 4" (100 mm) of cast iron	No		
658	Providing and fixing best quality looking glass 5 mm thick neatly fitted with bracket	No		
659	Thread set Original	No		
660	Core Cutter machine Havey	No		
	Duty			
661	Core Cutter machine Glass Burma 2", 3" 4"			
662	Core Cutter machine Glass Burma, 6" 8"			
		PAIN	NT	
663	Semi (Iron) steel 12"	No		
664	Steel Roll / Steel Plate for sign	No		
	boards (26G,) (8 x 4 Sheet)			
665	Platter Machine reflector tape	sft		
666	Platter Machine	No		
667	Oil Tube colors (Different	Pkt		
	Colors)			
668	Acrylic Sheets Different Size	No		
669	Epson L3110	Set		
670	Toner for Epson L3110	No		
671	Alcoban Sheet (8 x 4 Sheet)	Meter		
672	Vinyl Sticker (different color)	Meter		
673	PVC Sticker (different color)	No		
674	Roller (large)	No		
675	Roller Extension Pole	No		
676	Plastic Sheet 3mm	No		
677	sealer for polish	gallon		

	(Civil Worl	k Items	
678	Provide fine dressed stone			
	dado or skirting 1/2"" thick			
	(MRS 2020)			
679	Provide fine dressed stone			
	Flooring 3/4" (MRS 2020)			
680	Providing Precast Concrete			
	7000 psi TUFF Tiles 50mm			
	thick over bed of 2" thick sand			
	& 4" thick brick ballast/stone			
	ballast complete.(MRS 2020)			
681	Lay floor of approved			
	coloured glazed tiles 1/4" laid			
	in white cement & pigment			
	complete(MRS 2020)			
682	Approved coloured glazed			
	tiles 1/4" Dado Jointed in			
	white cement & pigment			
	complete(MRS 2020)			
683	Providing of Porcelain Floor			
604	Tile 16" x 16"			
684	P/F of plaster of Paris tile of			
	size 2' x 2' x 1" false ceiling			
	with finishing of joints along with			
685	Aluminum L and T sections			
083	and Hanging wires. P/F of			
	plaster of paris Gola (Comer)			
	8" width			
686	ornamental design with			
	finishing of joints complete.			
687	P/F of plaster Gola (Comer) 2"			
	width ornamental design with			
	finishing of joints complete			
	(MRS 2020)			
688	S/I of Dumpa Ceiling (Local)			
	(.6 & .7mm) with adjustable			
	rod and other accessories			
689	S/I of Dumpa Ceiling			
	(Imported Denmark) (.6 &			

	.7mm) with adjustable rod		
	and other accessories		
690	Supply and Fixing acoustic		
030	mineral fibre tile		
691	ceiling fixed with Aluminum		
031	tee hung by GI wire		
692	Supply and Fixing Aluminum		
032	door/window, Fixed Glazing		
	Premium model (1.6 mm		
	gauge) with glass of 5mm in		
	different color (Brown, white		
	and frost)		
693	Bronz/Black 4" section(MRS		
055	2020)		
694	Supply and Fixing Aluminum		
054	door/window, Hinged		
	Window Premium model (1.6		
	mm gauge) 4" section(MRS		
	2020) with glass of 5mm in		
	different color (Brown, white		
	and frost)		
695	Supply and Fixing Aluminum		
	door/window,		
696	Sliding Door Premium model		
	(1.6 mm gauge)		
	4"section(MRS 2020)		
697	supply and pasting Frost		
	Paper Best Quality Micron		
	Imported with wastage.		
698	Supply and fixing of fancy type		
	stainless steel		
699	chromium plate 2" dia pipes		
	stair railing 3/4" dia pipe fixed		
	on specified space on steps in		
	horizontal positions, complete		
	in all respects(MRS 2020) M		
700	Providing thermal insulation		
	on GI Pipe of 4",3",2",1" on		
	roof top complete in all		
		1	

701	Duraniding and install Fiber		
701	Providing and install Fiber		
	Glass reinforced plastic sheets		
	over fiber glass frame using		
	3mm thick FGR sheets		
	comprising over fiber glass		
	chopped strand mat (450		
	gm/M2) or polyester fiber,		
	impregnated with suitable		
	unsaturated polyester/ vinyl		
	ester resin.Ratio for glass to		
	resin of (1:2:5) is to be		
	maintained with frame 2"x2"		
	& 4"pipe. Complete in all. M2		
702	Providing and making of		
	special type bed partition		
	curtain of parachute cloth		
	including railing of special		
	design for hanging of curtain		
	embeded in false ceiling		
	without support smooth		
	running alround ,weighted		
	bottom portion and in waved		
	·		
	design complete in alrespect		
700	(Bed 8+8+7= 23 rft,height 8')		
703	P/L of Anti Static, static		
	Dissipative floor coating with		
	self leveling compound		
	(imported) Gerflor or		
	Equivalent Sft		
704	Window Blinds		
705	Sand		
706	Crush		
707	Brick		
708	Supply of M.S. reinforcement		
	for cement concrete (Hot		
	rolled deformed bars Grade		
	60)		
709	Supply of M.S. reinforcement		
	for cement concrete (Hot		
	rolled deformed bars Grade		
	40)		
	,		

710	Supply and fixing UPVC Flush			
	doors with 60mm			
711	wide frame 2-2.5mm wall			
	thickness inclusive of all			
712	accessories and galvanized			
74.2	iron support in any			
713	available Plain colour (MRS			
714	2020) Supply and fixing UPVC full			
/14	glazed fixed windows with			
	80mm wide frame 2.2mm wall			
	thicknesses inclusive of all			
	accessories and galvanized			
	iron support in wooden			
	texture without glass			
	panes(MRS 2020)			
715	Supply of Multicliper Board			
	Size 5"x4". Complete in all			
	respect			
716	Supply of Notice Board with			
747	stand			
717	(a) 4"x3"			
718	(b) 6"x4"			
719	(c) 8"x4"			
720	White Sheet Ply			
721	Ball valve ½", 1",3/4"			
722	Flush Tank Accessories Indian			
	Complete- ICI			
723	Flush Tank Accessories English			
	Complete- WC			
724	Push Button Commode			
725	Seat Cover English -WC			
726	Sink West Coupling			
727	Tee Cock			
		Тоо	ls	
728	Socket set (goti set)	No		
729	Cherry Picker for external	No		
	maintenance of Building and			
	street lights Height/ Boom			

	45.5m		
730	Garden Pipe	Feet	
731	Pully Cart with complete setup for external maintence of Building min height 80'	No	
732	Hand planner sand	No	
733	Jig saw blades	No	
734	Drawer lock bit set	No	
735	Circular saw machine	No	
736	Circular saw blade 9"	No	
737	Screw Driver	No	
738	Antiship Tape/Strip	No	
739	Grass cutter (Manually operated)	No	
740	Grass cutter (Electric)	No	
741	Hedge shears (scissor)	No	
742	Garden hose	No(
		per	
		Yard)	
743	Pruning saw	No	
744	Pruners	No	
745	Grass cutter saw	No	
746	Hoe	No	
747	Vinyl flooring (local)	No (per	
		sqft)	
748	Spickle	No	
749	Welding Rods	Pkt	
750	Copper Welding Rods	Pkt	
		(kg)	
751	Saw Blade	No	
752	Caution Singes	No	
753	Ambrella Medium	No	
754	Ambrella large	No	
755	Polythene sheet Roll different	Per	
	size gauge	meter	
756	Acrylic sheets	SFT	
757	Panic device lock		
758	Ss screw		

759	Fire rated door accessories			
760	Dumpa ceiling with			
	accessories			
761	Gi signages with laminated			
	stickers			
762	Limit switches			
763	HydraulicJacks			
764	Pre-Cost Slab (Different size)			
	LIST OF CARPENTER HAP	RDWARE F	OR THE YEAR PIC, I	PESHAWAR
	(Carpenter	Items	
765	Malaysian lassani (water/fire	No		
	proof) 1/2"x4'x8'			
766	wood imported 3/4"x12"x8'	No		
	(nander)			
767	wood bidding 2-1/2"x1/2"x8'	no		
	(nander)			
		TOOL	S	
768	Trying Plan	No		
769	Finishing Plan	No		
770	Dhai Sota barma Complete	No		
771	Barma 7/32	No		
772	Barama 1/4	No		
773	Barma 3/4	No		
774	Barma 3/8	No		
775	Barma 5/33	No		
776	Barma 1/2	No		
777	Planer Machine (Randda)	No		
778	Rooter Machine	No		
779	Hand cutter machine	No		
780	Hand Grinder Machine	No		
781	Carbit blade circular saw	No		
	machine 6"			
782	Carbit blade circular saw	No		
	machine 8"			
783	Carbit blade circular saw	No		
	machine 12"			
784	Stone for Randa Machine	No		
785	Tharkhaz	No		
786	Repat Gun	No		
787	Repat (per box)	No		

	Τ		1		
788	Large Iron scissor	No			
789	Grinder Machine Stone	No			
790	Planner machine blade 10"	No			
791	Try Squre 10"	No			
792	Try Squre 12"	No			
793	Standard Saw (Stainless Steel)	No			
794	Hand Saw	No			
795	Combination Square	No			
796	Nail Gun	No			
797	Silicon Ganner	No			
	Na	ail, Screw	/ & Pitch		
798	Steel Nails 6"	Pkt			
799	Steel Nails 1½"	Pkt			
800	Steel Nail 2"	Pkt			
801	Barnji Nail ¾ "	Pkt			
802	Barnji Nail ½ "	Pkt			
803	Barnji Nail 1 "	Pkt			
804	Barnji Nail 1½"	Pkt			
805	Stud 1½" x 1"	No			
806	Stud 2" x 1"	No			
807	Stud 1" x 1"	No			
808	Screw (Black) ¾ "	Pkt			
809	Screw (Black) ½ "	Pkt			
810	Screw (Black) 1 "	Pkt			
811	Screw (Black) 1½"	Pkt			
812	Screw (Black) 2 "	Pkt			
813	Screw (Black) 2½"	Pkt			
814	Screw (Black) 3 "	Pkt			
815	Screw (Black) 4 "	Pkt			
816	Screw (Black) 1¼"	Pkt			
817	Screw (Black) ¾ x8"	Pkt			
818	Screw (Black) ¾ x 5 "	Pkt			
819	Screw (Black) ½ " x 5"	Pkt			
820	Screw Square 2"	No			
821	Screw Square 1 "	No			
822	Screw Square 1½"	No			
823	Screw Square ¾ "	No			
824	Iron nail topless 1-1/4"	Kg			
MDF	& Lamination			1	<u> </u>
825	Lasani Sheet ½" (good quality	No			
	1	I	1	1	1

	8' x 4'			
826	Lasani sheet ¾" (8' x 4')	No		
827	Lasani sheet 1¼" (8' x 4')	No		
828	10 mm Lasani sheet (8' x 4')	No		
829	7 mm Lasani sheet 8' x 4'	No		
830	Lasani Sheet 2mm 1 Sotar 8' x	No		
	4'			
831	Lamination Sheet (Press	No		
	Lasani) 2 Sotar 8' x 4'			
832	Lamination Lasani Sheet ¾"	No		
	colored			
		Wooden	Board	•
833	Chipboard star	No		
834	Chipboard C	No		
835	Mim Board ¾"	No		
836	White Board 4' x 3'	No		
837	White Board 7' x 4'	No		
838	Noticed Board 4' x 3'	No		
839	Noticed Board with Glass	No		
	Cover 4' x 3'			
840	Noticed Board 7' x 4'	No		
		Wooden	Batta	
841	Dayar Wood Batta 2" x 5"x8'	No		
842	Dayar Wood Batta 6" x 3"x8'	No		
843	Dayar Wood Batta 2" x 4"x8'	No		
844	Dayar Wood Batta 3" x 4"x8'	No		
845	Imported Larr 4" x 1 ½ x	No		
	8'(Nakhtar)			
846	Imported Larr 5" x 1 ½ x 8'	No		
	(Nakhtar)			
847	Imported Larr 3" x 1 ½ x	No		
	8'(Nakhtar)			
848	Imported Larr 2"x1 ½	No		
	x8'(Nakhtar)			
849	Batta Chowkat 3 x 4"	No		
	(Nakhtar)			
850	Batta Chowkat 5 x 2"	No		
	(Nakhtar)			
851	Imported Larr 12" x ¾ x	No		
	10'(Nakhtar)			

852	Imported Larr 8" x ¾ x 10'	No			
032	(Nakhtar)	140			
853	Imported Larr 9" x ¾ x	No			
	10'(Nakhtar)				
854	Wooden Larr 2½" x 1¼"	Each			
	x10'(Nakhtar)				
855	Sheesham Wood 3'x 3"x 3"	Each			
856	Sheesham Wood 3'x 4"x 4"	Each			
	Gola	a, Corner	& bidding	<u> </u>	
857	Gola Dayar 1" x ¾"	Feet			
858	Danda Gola ¾"	Feet			
859	Danda Gola ¾" x ¾"	Feet			
860	Cornice 2 ½" Diyar	RFT			
861	Cornice 2" Diyar	RFT			
862	Cornice 1" x 1"	RFT			
863	Bidding 2½" x 8' Diyar	Each			
864	Bidding 3" x 8' Diyar	Each			
865	Bidding 1½" x 8' Diyar	Each			
866	Bidding 2" x 8' Diyar	Each			
		Alumii	num		
867	Aluminum Sheet 4' x 8'	Each			
868	Aluminum Patti 44" x 6"	Each			
869	Aluminum Patti 48" x 6"	Each			
870	Aluminum Patti 33" x 6"	No			
871	Aluminum Corner Patti 3" x	RFT			
	3"				
872	Aluminum U ½"	RFT			
873	Aluminum Rubber for Wire	RFT			
	Gauze				
874	Aluminum Rubber for Mirror	RFT			
	Glass	111 4 5			
875	Mesh / Wire Gauze	W 4 Ft			
	(Aluminum) Each Width 4 Ft	Length			
076	Length 50 Meters	50m			
876	Mesh / Wire Gauze (Nylon)	W 4' L 50m			
077	Mach / Mira Cauza (Iran)	W 4' L			
877	Mesh / Wire Gauze (Iron)	50m			
Locks					
878	Lock for Aluminum Door	Each			
0/0	LOCK TOT AIGHTHUIT DOOR	Lacii			

0=0				
879	Door Lock (Heavy Duty)	Each		
880	Interlock ¾"	Each		
881	Interlock 1"	Each		
882	Interlock 1¼"	Each		
883	Interlock 1 ½	Each		
884	Lock for Glass Door	Each		
885	Drawer Locks 808	Each		
886	Drawer Locks 606	Each		
887	Almari Locks with hooks 808	Each		
888	China Locks (Small Size)	Each		
889	China Locks (Medium Size)	Each		
890	China Locks (Large Size)	Each		
891	Cylinder for Door Lock Small	Each		
	Brass			
892	Cylinder for Door Lock Large	Each		
	Brass			
893	emergency washroom door			
	lock			
		Hand	lle	
894	Handle Fancy 4"	No		
895	Handle Fancy 12"	No		
896	Door Handle 3"	No		
897	Door Handle 4"	No		
898	Door Handle 5"	No		
899	Door Handle 6"	No		
		Door Cl	osure	
900	Door Closure (Hydraulic)	No		
901	Door Spring	Each		
902	Door Stopper	Each		
903	Double Door action Hanges 4"	Each		
	(Stainless Steel)			
904	Double Door action Hanges 6"	Each		
	(Stainless Steel)			
Glass (Provision & Fixing)				
905	Glass 2mm (White, Brown)	SFT		
906	Glass 12mm (White , Brown)	SFT		
	with Polish			
907	Plastic Glass 2mm	SFT		
908	Plastic Glass 5mm	SFT		
909	Plastic Glass 8mm	SFT		

911 912	Rubber for Glass	SFT SFT			
	5mm tempered low E class				
913	Doubled Glazed Tempered	SFT			
	glass fill with argon gas of				
914	12mm gap Silicon large tube (transfarent,	No			
914	Milky)	INO			
915	Elfy Big	No			
916	Magnetic catcher	No			
917	Installation of 8mm class with	sft			
917	2.5" Dia S.S pipe for coutners.	311			
918	2.5 Dia 3.5 pipe for coutriers.				
919	Curtain Rods	No			
920	Curtain rings/ hooks for	No			
320	Curtains & Bed Partitions	140			
	cartains & Bea Fartheris	Chapka I	 Kunda		
921	Chapka Kunda 2"	Each	Kanaa		
922	Chapka Kunda 2.5"	Each			
923	Chapka Kunda 2½"	Each			
924	Chapka Kunda 3"	Each			
925	Chapka Kunda 3.5"	Each			
926	Chapka Kunda 4"	Each			
927	Chapka Kunda 6"	Each			
Qabza					
928	Qabza 3"	Each			
929	Qabza 4"	Each			
930	Qabza 5"	Each			
931	Qabza 6"	Each			
932	Qabza ¾" x 6'	Each			
933	Qabza ¾" x 7'	Each			
Stainless Steel Patti					
934	Stainless Steel Patti 44" X 6"	Each			
	(22G)				
935	Stainless Steel Patti 48" X 6"	Each			
	(22G)				
936	Stainless Steel Patti 33" X 6"	Each			
	(22G)				
Chatkani (Sliding Bolt)					
937	Sliding Bolt 4" (Chatkani)	Each			

938	Sliding Bolt 6" (Chatkani)	Each		
939	Sliding Bolt 8" (Chatkani)	Each		
940	Sliding Bolt 10" (Chatkani)	Each		
941	Sliding Bolt 12" (Chatkani)	Each		
942	Sliding Bolt 4" (Chatkani	Each		
342	Brassed)	Lacii		
943	Sliding Bolt 6" (Chatkani	Each		
343	Brassed)	Lacii		
944	Sliding Bolt 8" (Chatkani	Each		
344	Brassed)	Lucii		
945	Sliding Bolt 10" (Chatkani	Each		
3 .5	Brassed)	20011		
946	Sliding Bolt 12" (Chatkani	Each		
	Brassed)			
	,	Channe	el Set	
947	Channel Set 18"	Each		
948	Channel Set 16"	Each		
949	Channel Set 14"	Each		
950	Channel Set 12"	Each		
951	Channel Set 10"	Each		
952	Channel Set 8"	Each		
953	Channel Set with bearing for	Each		
	sliding Door ¾"			
954	Channel Set with bearing for	Each		
	sliding Door 1"			
955	Channel Set	Each		
		Bolt Ald	daraz	
956	8" Bolt Aldaraz 606	Each		
957	10" Bolt Aldaraz 606	Each		
958	12" Bolt Aldaraz 606	Each		
959	15" Bolt Al Daraz 606	Each		
960	18" Bolt Al Daraz 606	Each		
961	Bolt Aldaraz 8" Brassed	Each		
962	Bolt Aldaraz 10" Brassed	Each		
963	Bolt Aldaraz 12" Brassed	Each		
PVC Panels				
964	UPVC Door Hinges	Each		
965	UPVC Door Handle	Each		
966	UPVC Locks	Each		
967	UPVC chatkani	Each		

968	UPVC ¾"x10' Different Color	Each		
969	UPVC 9"x9' Different Color	Each		
Miscellaneous				
970	Latoo	Each		
971	Magic	Each		
972	Elfy	Each		
973	Silicon Gel	tube		
974	Glue ICI	Each		
975	Magnet small	Each		
976	Magnet Large	Each		
977	kachen Hanges (2D hanges)	Each		
978	Parda Pipe 1" (Different Color)	15Ft		
		lenth		
979	Steel Pipe 1"	15ft		
		lenth		
980	Bracket for Parda (Different	Pair		
	Color) Heavy Duty			
981	Parda Hocks	Dozen		
982	Parda Ring 1¼" (Different	Dozen		
	Color)			
983	Parda Ring 1½" (Different	Dozen		
	Color)			
984	Stopper Flower (Heavy Duty)	Pair		
985	Sending paper	100		
		Pkt		
986	Door Machine (Power)	Each		
987	Wheel 2½" (Bearing)	Set		
988	Wheel 3" (Bearing)	Set		
989	Cloth for notice Board	meter		
	(Shaneel)			
990	Wheel barrow (Heave Duty)	No		
991	Audco Valve 6"			
992	Audco Valve 4"			
993	Audco Valve 2''			
994	Head Pan (Tagharaye) Best			
	Quality			
995	15 pcs 3-50mm drill bit hole			
	saw cutter tool grass marble			
	ceramic			

996	Emergency eye shower and Eye wash station (combination)	Nos	
997	Soap Dispenser	Nos	
998	BASIN (18''×24''×12'') PORTA/ICI/DURR/MASTER	Nos	As per approved best quality
999	Automatic Mixer (Double sensor Hot & Cool water)	Nos	As per approved best quality
1000	Emergency light rechargeable (tube rod type)	Nos	(tube rod type), best quality, 16- 20 W, with rechargeable battery and cable
1001	Supply and fixing of Wire mesh fencing complete in all respects	Job	As per site works
1002	Globe Light 18W, 25 W	Nos	Osaka, Phillips,Sogo, any reputed brand
1003	Rope Light (LED)	Nos	Osaka, Phillips,Sogo, any reputed brand

BLACKLISTMENT OF DEFAULTED BIDDER/CONTRACTOR

Conditions for Blacklistment of Defaulted Bidder/Contractor under rule 44 of KPPRA Rules 2014

The following are the events which would lead to initiate (Rule 44 of KPPRA Rules 2014) blacklisting/debarment process;

- a. Consistent failure to provide satisfactory performances.
- b. Found involved in corrupt/fraudulent practices.
- c. Abandoned the place of work permanently

Conditions for debarment of Defaulted Bidder/Contractor

- I. Failure or refusal to;
- Accept Purchases Order / Services order terms;
- III. Make supplies as per specifications agreed:
- IV. Fulfill contractual obligations as per contract
- V. Non execution of work as per terms & condition of contract.
- VI. Any unethical or unlawful professional or business behavior detrimental to good conduct and integrity of the public procurement process.
- VII. Persistent and intentional violation of important conditions of contract.
- VIII. Non-adherence to quality specifications despite being importunately pointed out.
- IX. Security consideration of the State i.e., any action that jeopardizes the security of the State or good repute of the Peshawar Institute of Cardiology Peshawar.

Procedure for blacklistment and debarment

- 1. Competent authority of Peshawar Institute of Cardiology may on information, or on its own motion, issue show cause notice to the bidder.
- 2. The show because notice shall contain the statement of allegation against the Bidder.
- 3. The bidder will be given maximum of seven days to submit the written reply of the show cause notice.
- 4. In case the bidder fails to submit written reply within the requisite time, the competent authority may proceed forth with ex-parte against the bidder.
- 5. Direct to issue notice of personal hearing to the bidder/ authorized representative of the bidder and the competent authority shall decide the matter on the basis of available record and personal hearing, if availed.
- 6. The competent authority shall decide the matter within thirty days from the initiation of proceedings.
- 7. The order of competent authority shall be communicated to the bidder by indicating reasons.

- 8. The order past as above shall be duly conveyed to the PKPRA and defaulting bidder within three days of passing order.
- 9. The duration of debarment may vary up to five years depending upon the nature of violation.

REDRESSING OF GRIEVANCES

- a. The purchaser shall constitute a committee comprising of disagreed & notified by the competent authority proper powers and authorizations to address the complaints of bidders that may occur prior to the entry into force of the procurement contract.
- b. Any bidder feeling aggrieved by any act of the purchaser after the submission of his bid may lodge a written complaint concerning his grievances not later than 03 days after the announcement of the bid evaluation report.
- c. The grievance redressed Officer shall investigate and decide upon the complaint within 06 days of the receipt of the complaint. The report along with decision shall be forwarded to the purchaser officer within the prescribed period.
- d. Mere fact of lodging of a complaint shall not warrant suspension of the procurement process.
- e. Note: Grievance notified & designated who can invite appropriate official as co-opted member for grievance.

Purchase officer (QZ)
PIC-MTI Peshawar

AM Purchase
PIC-MTI Peshawar

Manager Material Management PIC-MTI Peshawar

Manager Building & Facilities PIC-MTI Peshawar

Bio-Medical Engineer PIC-MTI Peshawar

Director Building & Facilities PIC-MTI Peshawar

Director Finance
PIC-MTI Peshawar

Hospital Director PIC-MTI Peshawar