

Peshawar Institute of Cardiology (MTI) BID SOLICITATION DOCUMENTS

For The Procurement of Parts & Consumable Items list for HVAC

System

2021-2022

After Pre-Bid

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.

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1. INTRODUCTION:

Peshawar Institute of Cardiology Medical Teaching Institution (PIC-MTI) invites item wise sealed bids from the eligible bidders (Suppliers) for procurement of **Parts & Consumable Items List for HVOC System** for Hospital through open Competitive Bidding under rule 6(2) (b) "Single Stage Single Envelope" bidding procedures of Khyber Pakhtunkhwa Public Procurement Regulatory Authority (KPPRA) Rules 2014.

| Description | Dates |
|---------------------------------------|--------------------------------------|
| Pre-bid meeting | 28 -07- 2021 at 10:00 am |
| Last date and time for Bid submission | 10-08-2021 11:00 hours & 11:30 Hours |
| Bid Security | Rs: 200,000/- |
| Tender Process | Single Stage Single envelope |

2. INSTRUCTIONS TO BIDDERS:

- This Bidding procedure will be conducted in light of Khyber Pakhtunkhwa Public Procurement Regulatory Authority (KPPRA) Laws, Rules made there under along with Standard Bidding Documents.
- 2. The bids will be opened on **10-08-2021** at **11:00** am in presence of the bidders/representatives who choose to attend while the financial bids will be opened later on after the evaluation of technical bids. Financial bids of only technically qualified responsive bidders will be opened while the financial bids of technically unqualified bidders will be returned unopened.
- 3. An affidavit is mandatory; in the Technical Bid that bid security is placed in the financial bid. Duly attested by notary public.
- 4. Pre-bid meeting with the interested bidders will be held on 28-07-2021 at 10:00 AM hrs in Material Management Department PIC- MTI.
- 5. Any bid received after the deadline for submission of bids shall not be entertained and shall be returned unopened to the Bidder.
- 6. All the bidders are required to provide annexure wise complete requisite documents with page marking for their Technical Evaluation / Qualification as prescribed under the rules.
- 7. The bid should be complete in all respect and must be signed by the bidder.
- 8. 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.PIC Peshawar is exempted from GST.
- 9. Bidders are essentially required to provide correct and latest postal/email/web addresses, phone/mobile/fax numbers for actively and timely communication.
- 10. For any query, clarification regarding Services / Bid Solicitation Documents, the applicants may

- send a written request at least one day prior to the opening date.
- 11. 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.
- 12. Any bid not received as per terms and conditions laid down in this document are liable to be ignored. No offer shall be considered if:
 - a. Received without earnest money;
 - b. It is received after the date and time fixed for its receipt;
 - c. The tender document and the bid is unsigned;
 - d. The offer is ambiguous;
 - e. The offer is conditional i.e. advance payment, or currency fluctuations etc.;
 - f. The offer is from blacklisted firm in any Federal / Provincial Govt. Dep't:
 - g. Only typed tender on original prescribing letter pad, sealed & signed (Every Page) should be submitted, the quoted Price must be pre printed and hand written quoted price will not be acceptable. The tenders must be according to hospital specification; alternate rates will not be acceptable.
- 13. Usage of correction fluid & corrections are strictly prohibited unless duly initiated.
- 14. Any erasing / cutting etc. appearing on the offer, must be properly signed by the person signing the tender.
- 15. Bids will be rejected if the Bid is in some way connected with bids submitted under names different from his own.
- 16. In case of Bid Tie, the decision will be taken by making toss/draw/Recall sealed quotation in front of the bidders.
- 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-MTI Peshawar's future bids.

3. ELIGIBILITY CRITERIA:

- o Bidders must give compliance to the below mentioned clauses as these are mandatory to being eligible for the bidding process. Relevant certificates must be attached.
- The bidder must be registered with Income / Sales Tax Department, reflected as Active Tax Payer on the list of FBR.NTN and Professional tax.
- The bidder shall provide an undertaking that the bidder has not been declared black listed by any Governmental/ Semi-Governmental institutions.
- Bidders shall not be eligible to bid if they are under a declaration of Ineligibility for corrupt and fraudulent practices issued by any government organization in accordance with the Section 44(1) KPPRA Rules 2014.

4. GENERAL CONDITIONS: -

- 1. PIC Peshawar shall evaluate the proposal in a manner prescribed in advance, without reference to the price and reject any proposal which does not conform to the specified requirements.
- 2. Alternative bid shall not be considered and shall be rejected by the Competent Authority.
- 3. At any time prior to the deadline for submission of bids, PIC-MTI Peshawar may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective Bidder, modify the bidding documents by amendment.
- 4. If a bid is not substantially responsive, it will be rejected by the Procuring Entity and may not subsequently be made responsive by the Bidder by correction of the nonconformity.
- 5. PIC-MTI Peshawar may accept or reject any or all of the bids under KPPRA Rules, 2014.

Peshawar Institute of cardiology Medical Teaching institute Peshawar

5. INVITATION FOR BIDS

Hospital Director, **Peshawar Institute of Cardiology Peshawar-MTI** invites sealed tenders under National Competitive Bidding for the procurement of **Parts & Consumable Items For HVAC System** for Hospital, under rule 6(2)(b) *"single stage Single envelope procedure"* of KPPRA Rules 2014, from (General order supplier) registered with the Income / Sales tax, reflected on Active Taxpayer List of FBR.

The bidders are required to submit bid security @ 200,000/- in the name of Hospital Director PIC-MTI Peshawar. An affidavit is mandatory, in the technical bid that bid security is placed in the financial bid. Pre-bid meeting with the interested bidders will be held on 28-07-2021 at 10:00 hrs at the PIC, Peshawar.

The tenders complete in all respect must reach the undersigned by 11:00 hrs on 10-08-2021, which will be opened at 11:30 hrs on the same day in Material Management Department in the presence of the committee and the bidders / representatives who may choose to attend.

Competent Authority reserves the right to reject any or all the bids as per provisions contained in Rule 47 of KPPRA Rules 2014.

6. BID SECURITY

Bid security @ 200,000/-(refundable) drawn in favor of "Hospital Director PIC-MTI"

The bid security may be forfeited:

- i) If a Bidder withdraws its bid during the period of bid validity specified by the Bidder on the Bid Form; or
- ii) In the case of a successful Bidder, if the Bidder fails to sign the contract.

7. BID VALIDITY:

- i) The bids should be valid for a period of 30 June, 2022.
- ii) In exceptional circumstances, PIC-MTI 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 be suitably 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 as provided in the bidding document.



Parts & Consumable Items list for HVAC System at PIC-MTI

| Chiller : | Double Effect Dual Fuel Direct Fired Absorption Chiller | | |
|-----------|---|------|---|
| Compan | y Name: Hitachi (Japan) | | |
| Model N | No.HAU-CGN700EXSTD | | |
| Sr No. | Item | Unit | Brands |
| 1 | Solution Motor pump 5.5KW, 2900RPM with installation | No's | |
| 2 | Solution Motor pump 2.2KW, 2900RPM with installation | No's | • () |
| 3 | Refrigerant Motor Pump 0.4KW with installation | No's | |
| 4 | Vacuum motor pump 0.4KW, (3-phase) with installation | No's | |
| 5 | Burner Gas Motor 5.5KW with installation | No's | |
| 6 | Burner Diesel motor 0.75KW with installation | No's | |
| 7 | Diaphragm valve 112" (MS) | No's | |
| 8 | Diaphragm valve 3/4" (MS) | No's | |
| 9 | Solution bypass valve 3" (MS) | No's | |
| 10 | Oil pre heater 3KW, Type 147 with installation | No's | |
| 11 | Ball valve 1/4" (Brass) | No's | |
| 12 | Ball valve 1/2" (Brass) | No's | |
| 13 | Ball valve 3l4" (Brass) | No's | |
| 14 | Ball valve 1" (Brass) | No's | For Chiller Parts, Only Authorized firm by the |
| 15 | Damper motor SQM10-16502 | No's | Principle Manufacturer |
| 16 | Temperature gauges 0-100 C | No's | |
| 17 | Pressure gauges 0-150Psi | No's | |
| 18 | Main Switch breaker 60amp 3-pole | No's | |
| 19 | Honeywell programmer DBC2000 with installation | No's | |
| 20 | Display card (Model. PFxGP45017ADW) | No's | |
| 21 | Ignition transformer | No's | |
| 22 | Ignition rod | No's | |

| 24 | | | |
|----|---|------|------------------------------------|
| | Ignition Cable | No's | |
| 25 | Footless level switch 1" | No's | |
| 26 | Transformer (in voltage380v,440v, 220. Out 120,200,220v | No's | |
| 27 | Magnetic contactor 60Amp, 3-phase | No's | |
| 28 | Overload Relay 20Amp-50Amp | No's | |
| 29 | Chilled water temperature sensor 1l2" (Steel) | No's | • () |
| 30 | Chilled water temperature sensor 3I4" (Steel) | No's | |
| 31 | Vacuum Oil | No's | |
| 32 | Solenoid valve 1/2" | No's | |
| 33 | Solenoid valve 1-1/2" | No's | |
| 34 | Gas pressure switch 1/4" | No's | |
| 35 | Gas Pressure gauge 1/4", 0-30Psi | No's | |
| 36 | Relay 220v, 8pin, 10Amp | No's | |
| 37 | Chemical dosing pump 220v | No's | |
| 38 | Lithium bromide Chemical | Ltr | |
| 39 | Distilled water | Ltr | |
| 40 | Alcohol | Ltr | |
| 41 | Inhibiter | Ltr | Chemical Kinetic, Orient, Premier, |
| 42 | HCL | Ltr | remer, |
| 43 | Lithium hydro oxide | Ltr | |
| 44 | Neutralizer | Ltr | |
| 45 | Mechanical Seal for Vacuum Pump with installation | No | |
| 46 | Lithium hydroid Monohydrate | Ltr | Chemical Kinetic, Orient, Premier, |
| 47 | Chiller PLC Hitachi Japan with installation | No's | |
| 48 | Chiller Programmer with installation | No's | |
| 49 | Reliable Controller with installation | job | |

| r No. | Item | Unit | Remarks |
|-------|--|------|-------------------------|
| 1 | Flow Switch for water line | No's | |
| 2 | 2 Way motorized valve 1-1/2" | No's | |
| 3 | 2 Way motorized valve 2" | No's | |
| 4 | 2 Way motorized valve 2-1/2" | No's | |
| 5 | 2 Way motorized valve 1-1/4" | No's | |
| 6 | Gate valve 1-1/2" (Threaded, Brass) | No's | |
| 7 | Gate valve 1-1/4" (Threaded, Brass) | No's | |
| 8 | Gate valve 1" (Threaded, Brass) | No's | |
| 9 | Gate valve 2" (Threaded, Brass) | No's | |
| 10 | Gate valve 3/4" (Threaded, Brass) | No's | |
| 11 | MS Gate valve 3" (Flange Type) with installation | No's | |
| 12 | MS Gate valve 4" (Flange Type) with installation | No's | <mark>Best Quali</mark> |
| 13 | MS Gate valve 5" (Flange Type) with installation | No's | |
| 14 | MS Gate valve 6" (Flange Type) with installation | No's | |
| 15 | MS Gate valve 8" (Flange Type) with installation | No's | |
| 16 | MS Gate valve 10" (Flange Type) with installation | No's | |
| 17 | MS Gate valve 12" (Flange Type) with installation | No's | |
| 18 | MS Gate valve 14" (Flange Type) with installation | No's | |
| 19 | Strainer ¾", 1", 1-1/4", 1-1/2", 2", 3", 4", 5", 6", 8", 10", 12" with installation | No's | |
| 20 | Globe Valve ¾", 1", 1-1/4", 1-1/2", 2", 3", 4", 5", 6", 8", 10", 12" with installation | No's | |
| 21 | Pressure Relief Valve PRV 1" | No's | |
| 22 | Pressure Reducing Valve 1" | No's | |
| 23 | Air Vent ¾", 1" | No's | |
| 24 | Chemical 2808 Close circuit treatment | Kg | |

| 25 | Chemical 308 corrosion inhibitor | Kg | Orient, Premier, Chemical |
|---------|--|------|---------------------------|
| 26 | Chemical 747 antifoulant | Kg | Kinetic, Alco |
| 27 | Chemical 3204 | Kg | |
| 27a | Chemical 2150 | Kg | |
| 28 | Brass Non Return Valve 1" | No's | |
| 29 | MS Non Return Valve 6" | No's | |
| 30 | MS Non Return Valve 8" | No's | |
| 31 | MS Non Return Valve 10" | No's | |
| 32 | MS Non Return Valve 12" | No's | |
| 33 | MS Non Return Valve 14" | No's | |
| 34 | Glass wool Insulation for Piping ¾", 1", 1-1/4", 1-1/2", 2", 3", 4", 5", 6", 8", 10", 12", 14" | Sft | |
| 35 | MS Elbow ¾", 1", 1-1/4", 1-1/2", 2", 3", 4", 5", 6", 8", 10", 12", 14" | No's | |
| 36 | MS Sockets 3/4", 1", 1-1/4", 1-1/2", 2", | No's | |
| 37 | MS Pipe Schedule 40, ¾", 1", 1-1/4", 1-1/2", 2", 3", 4", 5", 6", 8", 10", 12", 14" | RFT | |
| 38 | Gasket | RFT | |
| 39 | Nipple 1/2", ¾", 1", 1-1/2", 1-1/4" | No's | |
| 40 | Strainer 2", 2.5", 3", 4", 6" | No's | |
| 41 | Canvas Cloth | RFT | |
| 42 | Threaded Rods 8mm, 10mm,12mm, 14mm,16mm | RFT | |
| 43 | Fishers 8mm, 10mm,12mm, 14mm,16mm | No's | |
| 44 | Iron Angle 1", 1-1/4", 1-1/2",2" | RFT | |
| 45 | Nut Bolts & Washers 8mm, 10mm,12mm, 14mm,16mm | No's | |
| 46 | Water softening plant with installation | Job | |
| 47 | Aluminum cladding on pipes with installation | Sft | |
| | dling Unit | | |

| Sr No. | Item | Unit | Remarks |
|--------|---|------|------------|
| 1 | Duct Temperature sensor | No's | |
| 2 | Humidity sensor | No's | |
| 3 | Room temperature sensor | No's | |
| 4 | Immersion temperature Sensor | No's | |
| 5 | Fire State with manual Reset | No's | |
| 6 | Room humidity sensor | No's | |
| 7 | Relay 14 pin, 7Amp, 250v (Finder) | No's | |
| 8 | Timer 1-6minutes , 250v | No's | |
| 9 | Auto controller (DDC) | No's | |
| 10 | Pressure Deferential transmitter | No's | |
| 11 | Outdoor Temperature sensor/ Humidity sensor | No's | |
| 12 | Wet DP Transmitter | No's | Best Quali |
| 13 | Water Flow Switch | No's | |
| 14 | Pressure Gauges | No's | |
| 15 | Thermostat | No's | |
| 16 | Universal Module | No's | |
| 17 | Extension module | No's | |
| 18 | Smoke detector | No's | |
| 19 | Air DPS | No's | |
| 20 | Air filters 12"x24" | Set | |
| 21 | Air filters 20"x24" | Set | |
| 22 | Air filters 24"x24" | Set | |
| 23 | Air filters 12"x12" | Set | |
| 24 | Hepa Filters 12"x18" | Set | |
| 25 | Hepa Filters 12"x24" | Set | |
| 26 | Bag Filters 12"x24" | Set | |

| 28 Bag Filters 24"x24" Set 29 Bag Filters 12"x12" Set 30 Ball Baring 6308ZZ C3 No's 31 Ball Baring 6309ZZ C3 No's 32 Ball Baring 6311ZZ C3 No's 33 Ball Baring 6313 C3 No's 40 Ball Baring 6313 C3 No's 41 V Belts SPA 1900 LW Set 42 V Belts SPA 2532 LW Set 43 V Belts SPA 3032 LW Set 44 V Belts SPA 2632 LW Set 45 V Belts SPA 2632 LW Set 46 V Belts SPA 2632 LW Set 47 V Belts SPA 2632 LW Set 48 V Belts SPA 1600 LW Set 49 V Belts SPA 1582 LW Set 50 V Belts SPA 1582 LW Set 51 V Belts SPA 1532 LW Set 52 V Belts SPA 2582 LW Set 53 V Belts SPA 2582 LW Set 54 V Belts SPA 2482 LW Set 55 V Belts SPA 2482 LW Set 57 | 27 | Bag Filters 20"x24" | Set |
|---|----|-----------------------|------|
| 30 Ball Baring 6308ZZ C3 No's 31 Ball Baring 6309ZZ C3 No's 32 Ball Baring 6311ZZ C3 No's 33 Ball Baring 6311ZZ C3 No's 39 Ball Baring 6313 C3 No's 40 Ball Baring 6312 C3 No's 41 V Belts SPA 1900 LW Set 42 V Belts SPA 2532 LW Set 44 V Belts SPA 2532 LW Set 45 V Belts SPA 2632 LW Set 46 V Belts SPA 2632 LW Set 47 V Belts SPA 2332 LW Set 48 V Belts SPA 2332 LW Set 49 V Belts SPA 3082 LW Set 49 V Belts SPA 1590 LW Set 50 V Belts SPA 1582 LW Set 51 V Belts SPA 1532 LW Set 52 V Belts SPA 1532 LW Set 53 V Belts SPA 1600 LW Set 54 V Belts SPA 2582 LW Set 55 V Belts SPA 1632 LW Set 56 V Belts SPA 2482 LW Set 57 V Belts SPA 2482 LW Set 58 V Belts SPA 2482 LW Set | 28 | Bag Filters 24"x24" | Set |
| 31 Ball Baring 6309ZZ C3 No's 32 Ball Baring 6311ZZ C3 No's 33 Ball Baring 6317 C3 No's 39 Ball Baring 6313 C3 No's 40 Ball Baring 6312 C3 No's 41 V Belts SPA 1900 LW Set 42 V Belts SPA 2532 LW Set 43 V Belts SPA 3032 LW Set 44 V Belts SPA 3150 LW Set 45 V Belts SPA 2632 LW Set 46 V Belts SPA 2632 LW Set 47 V Belts SPA 2332 LW Set 48 V Belts SPA 2182 LW Set 49 V Belts SPA 1600 LW Set 49 V Belts SPA 1832 LW Set 50 V Belts SPA 1532 LW Set 51 V Belts SPA 1532 LW Set 52 V Belts SPA 1532 LW Set 53 V Belts SPA 1607 LW Set 54 V Belts SPA 2582 LW Set 55 V Belts SPA 2582 LW Set 56 V Belts SPA 2482 LW Set 57 V Belts SPA 2482 LW Set 58 V Belts SPA 2482 LW Set | 29 | Bag Filters 12"x12" | Set |
| 32 Ball Baring 6311ZZ C3 No's 33 Ball Baring 6313 C3 No's 39 Ball Baring 6313 C3 No's 40 Ball Baring 6312 C3 No's 41 V Belts SPA 1900 LW Set 42 V Belts SPA 2532 LW Set 43 V Belts SPA 3032 LW Set 44 V Belts SPA 3150 LW Set 45 V Belts SPA 2632 LW Set 46 V Belts SPA 2632 LW Set 47 V Belts SPA 2332 LW Set 48 V Belts SPA 1600 LW Set 49 V Belts SPA 1582 LW Set 50 V Belts SPA 1582 LW Set 51 V Belts SPA 1532 LW Set 52 V Belts SPA 1532 LW Set 53 V Belts SPA 1532 LW Set 54 V Belts SPA 2582 LW Set 55 V Belts SPA 2582 LW Set 56 V Belts SPA 2582 LW Set 57 V Belts SPA 2482 LW Set 58 V Belts SPA 2282 LW Set 59 V Belts SPA 2482 LW Set 50 V Belts SPA 2482 LW Set 50 V Belts SPA 2482 LW Set 51 V Belts SPA 2482 LW Set 52 V Belts SPA 2482 LW Set 53 V Belts SPA 2482 LW Set 54 V Belts SPA 2482 LW Set 55 V Belts SPA 2482 LW Set | 30 | Ball Baring 6308ZZ C3 | No's |
| 33 Ball Baring 6317 C3 No's 39 Ball Baring 6313 C3 No's 40 Ball Baring 6312 C3 No's 41 V Belts SPA 1900 LW Set 42 V Belts SPA 2532 LW Set 43 V Belts SPA 3032 LW Set 44 V Belts SPA 3150 LW Set 45 V Belts SPA 2632 LW Set 46 V Belts SPA 2182 LW Set 47 V Belts SPA 2332 LW Set 48 V Belts SPA 1600 LW Set 49 V Belts SPA 1582 LW Set 50 V Belts SPA 1582 LW Set 51 V Belts SPA 1582 LW Set 52 V Belts SPA 1607 LW Set 53 V Belts SPA 2582 LW Set 54 V Belts SPA 2582 LW Set 55 V Belts SPA 2182 LW Set 56 V Belts SPA 2182 LW Set 57 V Belts SPA 2482 LW Set 58 V Belts SPA 2282 LW Set | 31 | Ball Baring 6309ZZ C3 | No's |
| 39 Ball Baring 6313 C3 No's 40 Ball Baring 6312 C3 No's 41 V Belts SPA 1900 LW Set 42 V Belts SPA 2532 LW Set 43 V Belts SPA 3032 LW Set 44 V Belts SPA 3150 LW Set 45 V Belts SPA 2632 LW Set 46 V Belts SPA 2632 LW Set 47 V Belts SPA 2332 LW Set 48 V Belts SPA 1600 LW Set 49 V Belts SPA 1582 LW Set 50 V Belts SPA 1582 LW Set 51 V Belts SPA 1532 LW Set 52 V Belts SPA 1532 LW Set 53 V Belts SPA 1532 LW Set 54 V Belts SPA 2582 LW Set 55 V Belts SPA 2582 LW Set 56 V Belts SPA 2582 LW Set 57 V Belts SPA 2482 LW Set 58 V Belts SPA 2582 LW Set 58 V Belts SPA 2828 LW Set | 32 | Ball Baring 6311ZZ C3 | No's |
| 40 Ball Baring 6312 C3 No's 41 V Belts SPA 1900 LW Set 42 V Belts SPA 2532 LW Set 43 V Belts SPA 3032 LW Set 44 V Belts SPA 3150 LW Set 45 V Belts SPA 2632 LW Set 46 V Belts SPA 2632 LW Set 47 V Belts SPA 2332 LW Set 48 V Belts SPA 1600 LW Set 49 V Belts SPA 3082 LW Set 50 V Belts SPA 1582 LW Set 51 V Belts SPA 1532 LW Set 52 V Belts SPA 1532 LW Set 53 V Belts SPA 1532 LW Set 54 V Belts SPA 2120 LW Set 55 V Belts SPA 2120 LW Set 56 V Belts SPA 2482 LW Set 57 V Belts SPA 2282 LW Set 58 V Belts SPA 2282 LW Set | 33 | Ball Baring 6317 C3 | No's |
| 41 V Belts SPA 1900 LW Set 42 V Belts SPA 2532 LW Set 43 V Belts SPA 3032 LW Set 44 V Belts SPA 3150 LW Set 45 V Belts SPA 2632 LW Set 46 V Belts SPA 2182 LW Set 47 V Belts SPA 2332 LW Set 48 V Belts SPA 1600 LW Set 49 V Belts SPA 1582 LW Set 50 V Belts SPA 1582 LW Set 51 V Belts SPA 1532 LW Set 52 V Belts SPA 1532 LW Set 53 V Belts SPA 1532 LW Set 54 V Belts SPA 2582 LW Set 55 V Belts SPA 2582 LW Set 56 V Belts SPA 2482 LW Set 57 V Belts SPA 2282 LW Set 58 V Belts SPA 2282 LW Set 58 V Belts SPA 982 LW Set | 39 | Ball Baring 6313 C3 | No's |
| 42 V Belts SPA 2532 LW Set 43 V Belts SPA 3032 LW Set 44 V Belts SPA 3150 LW Set 45 V Belts SPA 2632 LW Set 46 V Belts SPA 2182 LW Set 47 V Belts SPA 2332 LW Set 48 V Belts SPA 1600 LW Set 49 V Belts SPA 3082 LW Set 50 V Belts SPA 1582 LW Set 51 V Belts SPA 1582 LW Set 52 V Belts SPA 1607 LW Set 53 V Belts SPA 2582 LW Set 54 V Belts SPA 2582 LW Set 55 V Belts SPA 2282 LW Set 56 V Belts SPA 2282 LW Set 57 V Belts SPA 982 LW Set 58 V Belts SPA 982 LW Set | 40 | Ball Baring 6312 C3 | No's |
| 43 V Belts SPA 3032 LW Set 44 V Belts SPA 3150 LW Set 45 V Belts SPA 2632 LW Set 46 V Belts SPA 2182 LW Set 47 V Belts SPA 2332 LW Set 48 V Belts SPA 1600 LW Set 50 V Belts SPA 3082 LW Set 51 V Belts SPA 1582 LW Set 52 V Belts SPA 1832 LW Set 53 V Belts SPA 1607 LW Set 54 V Belts SPA 2582 LW Set 55 V Belts SPA 2120 LW Set 56 V Belts SPA 2482 LW Set 57 V Belts SPA 982 LW Set 58 V Belts SPA 982 LW Set | 41 | V Belts SPA 1900 LW | Set |
| 44 V Belts SPA 3150 LW Set 45 V Belts SPA 2632 LW Set 46 V Belts SPA 2182 LW Set 47 V Belts SPA 2332 LW Set 48 V Belts SPA 1600 LW Set 49 V Belts SPA 3082 LW Set 50 V Belts SPA 1582 LW Set 51 V Belts SPA 1832 LW Set 52 V Belts SPA 1532 LW Set 53 V Belts SPA 1607 LW Set 54 V Belts SPA 2582 LW Set 55 V Belts SPA 2120 LW Set 56 V Belts SPA 2482 LW Set 57 V Belts SPA 982 LW Set 58 V Belts SPA 982 LW Set | 42 | V Belts SPA 2532 LW | Set |
| 45 V Belts SPA 2632 LW Set 46 V Belts SPA 2182 LW Set 47 V Belts SPA 2332 LW Set 48 V Belts SPA 1600 LW Set 49 V Belts SPA 3082 LW Set 50 V Belts SPA 1582 LW Set 51 V Belts SPA 1832 LW Set 52 V Belts SPA 1532 LW Set 53 V Belts SPA 1607 LW Set 54 V Belts SPA 2582 LW Set 55 V Belts SPA 2120 LW Set 56 V Belts SPA 2482 LW Set 57 V Belts SPA 982 LW Set 58 V Belts SPA 982 LW Set | 43 | V Belts SPA 3032 LW | Set |
| 46 V Belts SPA 2182 LW Set 47 V Belts SPA 2332 LW Set 48 V Belts SPA 1600 LW Set 49 V Belts SPA 3082 LW Set 50 V Belts SPA 1582 LW Set 51 V Belts SPA 1832 LW Set 52 V Belts SPA 1532 LW Set 53 V Belts SPA 1607 LW Set 54 V Belts SPA 2582 LW Set 55 V Belts SPA 2120 LW Set 56 V Belts SPA 2482 LW Set 57 V Belts SPA 2282 LW Set 58 V Belts SPA 982 LW Set | 44 | V Belts SPA 3150 LW | Set |
| 47 V Belts SPA 2332 LW Set 48 V Belts SPA 1600 LW Set 49 V Belts SPA 3082 LW Set 50 V Belts SPA 1582 LW Set 51 V Belts SPA 1832 LW Set 52 V Belts SPA 1532 LW Set 53 V Belts SPA 1607 LW Set 54 V Belts SPA 2582 LW Set 55 V Belts SPA 2120 LW Set 56 V Belts SPA 2482 LW Set 57 V Belts SPA 2282 LW Set 58 V Belts SPA 982 LW Set | 45 | V Belts SPA 2632 LW | Set |
| 48 V Belts SPA 1600 LW Set 49 V Belts SPA 3082 LW Set 50 V Belts SPA 1582 LW Set 51 V Belts SPA 1832 LW Set 52 V Belts SPA 1532 LW Set 53 V Belts SPA 1607 LW Set 54 V Belts SPA 2582 LW Set 55 V Belts SPA 2120 LW Set 56 V Belts SPA 2482 LW Set 57 V Belts SPA 2282 LW Set 58 V Belts SPA 982 LW Set | 46 | V Belts SPA 2182 LW | Set |
| 49 V Belts SPA 3082 LW Set 50 V Belts SPA 1582 LW Set 51 V Belts SPA 1832 LW Set 52 V Belts SPA 1532 LW Set 53 V Belts SPA 1607 LW Set 54 V Belts SPA 2582 LW Set 55 V Belts SPA 2120 LW Set 56 V Belts SPA 2482 LW Set 57 V Belts SPA 2282 LW Set 58 V Belts SPA 982 LW Set | 47 | V Belts SPA 2332 LW | Set |
| 50 V Belts SPA 1582 LW Set 51 V Belts SPA 1832 LW Set 52 V Belts SPA 1532 LW Set 53 V Belts SPA 1607 LW Set 54 V Belts SPA 2582 LW Set 55 V Belts SPA 2120 LW Set 56 V Belts SPA 2482 LW Set 57 V Belts SPA 2282 LW Set 58 V Belts SPA 982 LW Set | 48 | V Belts SPA 1600 LW | Set |
| 51 V Belts SPA 1832 LW Set 52 V Belts SPA 1532 LW Set 53 V Belts SPA 1607 LW Set 54 V Belts SPA 2582 LW Set 55 V Belts SPA 2120 LW Set 56 V Belts SPA 2482 LW Set 57 V Belts SPA 2282 LW Set 58 V Belts SPA 982 LW Set | 49 | V Belts SPA 3082 LW | Set |
| 52 V Belts SPA 1532 LW Set 53 V Belts SPA 1607 LW Set 54 V Belts SPA 2582 LW Set 55 V Belts SPA 2120 LW Set 56 V Belts SPA 2482 LW Set 57 V Belts SPA 2282 LW Set 58 V Belts SPA 982 LW Set | 50 | V Belts SPA 1582 LW | Set |
| 53 V Belts SPA 1607 LW Set 54 V Belts SPA 2582 LW Set 55 V Belts SPA 2120 LW Set 56 V Belts SPA 2482 LW Set 57 V Belts SPA 2282 LW Set 58 V Belts SPA 982 LW Set | 51 | V Belts SPA 1832 LW | Set |
| 54 V Belts SPA 2582 LW Set 55 V Belts SPA 2120 LW Set 56 V Belts SPA 2482 LW Set 57 V Belts SPA 2282 LW Set 58 V Belts SPA 982 LW Set | 52 | V Belts SPA 1532 LW | Set |
| 55 V Belts SPA 2120 LW Set 56 V Belts SPA 2482 LW Set 57 V Belts SPA 2282 LW Set 58 V Belts SPA 982 LW Set | 53 | V Belts SPA 1607 LW | Set |
| 56 V Belts SPA 2482 LW Set 57 V Belts SPA 2282 LW Set 58 V Belts SPA 982 LW Set | 54 | V Belts SPA 2582 LW | Set |
| 57 V Belts SPA 2282 LW Set 58 V Belts SPA 982 LW Set | 55 | V Belts SPA 2120 LW | Set |
| 58 V Belts SPA 982 LW Set | 56 | V Belts SPA 2482 LW | Set |
| | 57 | V Belts SPA 2282 LW | Set |
| 59 V Belts SPB 4500 LW Set | 58 | V Belts SPA 982 LW | Set |
| 1 | 59 | V Belts SPB 4500 LW | Set |

Best Quality

| 60 | V Belts SPA 1050 LW | Set |
|----|---|------|
| 61 | V Belts SPA 1100 LW | Set |
| 62 | V Belts SPA 850 LW | Set |
| 63 | V Belts SPA 900 LW | Set |
| 64 | V Belts SPA 950 LW | Set |
| 65 | V Belts SPA 3182 LW | Set |
| 66 | Main Breaker for AHU's 10amp, 15amp, 20amp, 25amp, 30amp, 40amp, 50amp, 60amp | No's |
| 67 | Overload Relay 710amp | No's |
| 68 | Overload Relay 9-13amp | No's |
| 69 | Overload Relay 12-18amp | No's |
| 70 | Overload Relay 15-25amp | No's |
| 71 | Overload Relay 18-25amp | No's |
| 72 | Magnetic Contactor 3 pole 15amp, 220V | No's |
| 73 | Magnetic Contactor 3 pole 25amp, 220V | No's |
| 74 | Magnetic Contactor 3 pole 30amp, 220V | No's |
| 75 | Magnetic Contactor 3 pole 40amp, 220V | No's |
| 76 | Magnetic Contactor 3 pole 60amp, 220V | No's |
| 77 | Timer 1-6 Minutes, 250V | No's |
| 78 | AHU Motor rewinding Per Kw | KW |
| 79 | FCU Thermostat | No's |
| 80 | FCU Electronic card | No's |
| 81 | Cassette Type Unit Card | No's |
| 82 | FCU Filters | Set |
| 83 | Motorized Valve actuator for FCU Units | No's |
| 84 | Cassette Type Unit filters | Set |
| 85 | Thermostat screen | No's |
| 86 | Cone Barings UC206 to UC212 | No's |
| - | • | |

Best Quality

| 87 | Baring block UC206 to UC212 | No's |
|-----|--|------|
| 88 | MAHU Blower motor 0.37Kw | No's |
| 89 | AHU Motor 7.5KW | No's |
| 90 | AHU Motor 15 KW | No's |
| 91 | AHU Motor 18.5 KW | No's |
| 92 | AHU Motor 5 KW | No's |
| 93 | AHU Motor 11 KW | No's |
| 94 | Cartage Fuse 5amp, 2amp | No's |
| 95 | MAHU Blower motor 0.75KW | No's |
| 96 | MAHU Blower motor 1.10KW | No's |
| 97 | MAHU Blower motor 1.1KW | No's |
| 98 | FCU motor single & double blower 220v, 1.6KW | No's |
| 99 | FCU motor single & double blower 220v, 1.8KW | No's |
| 100 | 2 way motorized valve 3/4" | No's |
| 101 | 2 way motorized valve 1" | No's |
| 102 | Electronic card for Cassete type unit | No's |
| 103 | Thermostat 5-30C, 3 speed, hot, cold mode | No's |
| 104 | Motor coupling 3", 4", 5", 6", 8", 10", 12", 14" | No's |
| 105 | Rubber Disc 3", 4", 5", 6", 8", 10", 12", 14" | No's |
| 106 | VFD ,ACH-550-01-072A-4 | No's |
| 107 | Flow switch 1" | No's |
| 108 | Ball bearing 6317 C3 | No's |
| 109 | Ball bearing 6313 C3 | No's |
| 110 | Ball bearing 6312 C3 | No's |
| 111 | Ball bearing 6311 C3 | No's |
| 112 | Volt meter 0Amp-500v | No's |
| 113 | Ampere meter 0Amp-1000Amp | No's |
| 114 | Ampere meter 0Amp-30Amp | No's |
| L | ı | l |

| 115 | Indicator bulbs 220v, red, green, yellow, blow | No's | |
|---------|--|-------|--------------|
| 116 | Selector switch auto, manual | No's | |
| 117 | ON/OFF push button | No's | |
| 118 | Single pole breaker 10Amp | No's | |
| Cooling | Towers | | |
| Compa | ny Name: Genious (Malaysia) | | |
| Model | No. GKS1200-3B | | |
| Sr No. | Item | Unit | Remarks |
| 1 | Cooling Tower fins | Sheet | |
| 2 | Cooling Tower fan blades GFAR240 | Set | |
| 3 | V belt SPB4500 | Set | |
| 4 | Brass Float valve 1-1/2" | No's | Best Quality |
| 5 | Raisin Chemical for fiber leaks | Kg | |
| 6 | Cobalt Chemical for fiber leaks | Kg | |
| 7 | Cartelist Chemical for fiber leaks | Kg | |
| BMS Sy | stem | | |
| Compa | ny Name: | | |
| Sr No. | Item | Unit | Remarks |
| 1 | Web Controller with installation | No's | |
| 2 | HMI Software with installation | No's | |
| 3 | Reliable Controller with installation | No's | |
| Conden | sing Units | | |
| Compa | ny Name: Interklima (Greece West Europe) | | |
| Model | No. MDC-165-R (R407c) & MDC-240-R (R407c) | | |
| Sr No. | Item | Unit | Remarks |
| 1 | Axial Fan AKFD 800-6-6-A6(6b) K7180033Ros | No's | |
| 2 | Filter Catrrige | No's | |
| 3 | Electronic Expansion Valve. E3V55 Carel | No's | |
| | | | |

| 4 | Control PCO500B0A400Z Extra-large Carel | No's | |
|---------|---|------|--|
| 5 | Electronic Expansion valve EVD0000E50 Carel | No's | |
| 6 | Low pressure switch man. Reset 0,5-7 bar PS1-R3A ALCO or RANCO | No's | |
| 7 | High Pressure switch man. Reset 6-31 bar PS1-R5A Alco or RANCO | No's | Only Authorized firm by the Principle Manufacturer |
| 8 | Contactor 12 5, 5 KW 220v NXC-1210 | No's | |
| 9 | Contactor 65 30, 0 KW 220v NXC-65 | No's | |
| 10 | Relay 48-65A | No's | |
| 11 | Contactor 50 20, 0 KW 220V NXC-50 | No's | |
| 12 | Relay 30-40A | No's | |
| 13 | Set of temperature probes Carel (4 pieces) | No's | |
| 14 | Pressure probe 0/10 bar SPKT0011CO CAREL | No's | |
| 15 | Pressure probe 0/30 bar SPKT0031CO CAREL | No's | |
| 16 | 3Fase Monitor | No's | |
| Split & | Floor stand units (Best Quality) | | |
| Sr No. | Item | Unit | Remarks |
| 1 | Wall Mounted Air-condition Split Unit 1ton with Installation | No's | |
| 2 | Wall Mounted Air-condition Split Unit 1.5 ton with Installation | No's | Dawlance, Haier, Gree, orient |
| 3 | Wall Mounted Air-condition Split Unit 2 ton with Installation | No's | |
| 4 | Floor Stand Air Condition Unit 2 Ton with Installation | No's | |
| 5 | Floor Stand Air Condition Unit 4 Ton with Installation | No's | |
| 6 | Nitrogen Gas | Kg | Honeywell, , gene Tron |
| 7 | Split Unit Circuit | No's | |
| 8 | Expansion Valve | No's | |
| 9 | R134a Refrigerant | Kg | |
| 10 | R 22 Refrigerant | Kg | Honeywell, , gene Tron |
| | | | |

| 11 | R 410a Refrigerant | Kg | |
|--------|---|----------|--------------|
| 12 | R 407c Refrigerant | Kg | |
| 13 | Copper Pipe with insulation ½", ¼", 3/8", 5/8" | RFT | |
| 14 | UPVC Pipe ½", ¾", 1" | RFT | |
| 15 | Split Unit Electronic Card | No's | |
| 16 | Capacitor for split Unit | No's | |
| 17 | Compressor for split unit | No's | |
| 18 | Bracket Fans | No's | |
| 19 | Exhaust Fans | No's | Best Quality |
| 20 | Ceiling fan | No's | |
| 21 | Installation of GI duct with insulation | RFT | |
| 22 | Flexible Duct with installation 8", 10", 12" | Sft | |
| 23 | Diffuser 12"x12", 16"x16, 24"x24" with installation | Sft | |
| 24 | Flexible Connector | Sft | |
| 25 | VCD with installation | Sft | |
| 26 | L-Key valve ½", ¾" | No's | |
| 27 | Water cooler | No's | |
| 28 | Water dispenser | No's | |
| HVAC T | ools (Best Quality) | | |
| Sr No. | Item | Unit | Remarks |
| 1 | Hammer 500 gram, 1kg | No's | |
| 2 | Measuring Tape | No's | |
| 3 | Screw Driver set | No's | |
| 4 | Drill bit Set | No's | |
| 5 | Pipe wrench 12", 18", 24" | No's | |
| 6 | Pliers | No's | |
| 7 | Tool Bag | No's | |
| 8 | Multi meter | No's | |
| | | <u> </u> | L |

| 10 | 9 | Knife | No's | |
|--|----|------------------------------------|------|--|
| 12 Vacuum Pump 13 Leak Detector 14 Double ended spanner set 15 Ring spanner set 16 Nose plier 17 Wire Cutter 18 Wise Grip 19 Dust blower 20 Drill machine 21 Hilti machine 22 Clump meter 23 Hygrometer 24 Electric screw driver 25 Mechanical screw driver 26 Socket set (goti set) 27 Ladder 6', 8', 10', 12' 28 Hacksaw frame with blades 29 Grease gun 30 Voltage tester 31 Extension lead with 20 meter cable 31 Estension lead with 20 meter cable 32 PH & TDS meter 33 Teflon Tape 34 Glue 36 No's 36 No's 37 Teflon Tape 38 No's 38 No's 39 No's 30 No's 30 No's 30 Felion Tape 30 No's 30 No's 31 Teflon Tape 34 Glue | 10 | Strap gun | No's | |
| 13 Leak Detector No's 14 Double ended spanner set No's 15 Ring spanner set No's 16 Nose plier No's 17 Wire Cutter No's 18 Wise Grip No's 19 Dust blower No's 20 Drill machine No's 21 Hilti machine No's 22 Clump meter No's 23 Hygrometer No's 24 Electric screw driver No's 25 Mechanical screw driver No's 26 Socket set (goti set) Set 27 Ladder 6', 8', 10', 12' No's 28 Hacksaw frame with blades No's 30 Voltage tester No's 31 Extension lead with 20 meter cable No's 32 PH & TDS meter No's 33 Teflon Tape No's 34 Glue Kg | 11 | PVC Pipe Cutter | No's | |
| 14 Double ended spanner set No's 15 Ring spanner set No's 16 Nose plier No's 17 Wire Cutter No's 18 Wise Grip No's 19 Dust blower No's 20 Drill machine No's 21 Hilti machine No's 22 Clump meter No's 23 Hygrometer No's 24 Electric screw driver No's 25 Mechanical screw driver No's 26 Socket set (goti set) Set 27 Ladder 6', 8', 10', 12' No's 28 Hacksaw frame with blades No's 30 Voltage tester No's 31 Extension lead with 20 meter cable No's 33 Teflon Tape No's 34 Glue Kg | 12 | Vacuum Pump | No's | |
| 15 Ring spanner set No's 16 Nose plier No's 17 Wire Cutter No's 18 Wise Grip No's 19 Dust blower No's 20 Drill machine No's 21 Hilti machine No's 22 Clump meter No's 23 Hygrometer No's 24 Electric screw driver No's 25 Mechanical screw driver No's 26 Socket set (goti set) Set 27 Ladder 6', 8', 10', 12' No's 28 Hacksaw frame with blades No's 29 Grease gun No's 30 Voltage tester No's 31 Extension lead with 20 meter cable No's 32 PH & TDS meter No's 33 Teflon Tape No's 34 Glue Kg | 13 | Leak Detector | No's | |
| 16 Nose plier No's 17 Wire Cutter No's 18 Wise Grip No's 19 Dust blower No's 20 Drill machine No's 21 Hilti machine No's 22 Clump meter No's 23 Hygrometer No's 24 Electric screw driver No's 25 Mechanical screw driver No's 26 Socket set (goti set) Set 27 Ladder 6', 8', 10', 12' No's 28 Hacksaw frame with blades No's 29 Grease gun No's 30 Voltage tester No's 31 Extension lead with 20 meter cable No's 32 PH & TDS meter No's 33 Teflon Tape No's 34 Glue Kg | 14 | Double ended spanner set | No's | |
| 17 Wire Cutter No's 18 Wise Grip No's 19 Dust blower No's 20 Drill machine No's 21 Hilti machine No's 22 Clump meter No's 23 Hygrometer No's 24 Electric screw driver No's 25 Mechanical screw driver No's 26 Socket set (goti set) Set 27 Ladder 6', 8', 10', 12' No's 28 Hacksaw frame with blades No's 29 Grease gun No's 30 Voltage tester No's 31 Extension lead with 20 meter cable No's 32 PH & TDS meter No's 33 Teflon Tape No's 34 Glue Kg | 15 | Ring spanner set | No's | |
| 18 Wise Grip No's 19 Dust blower No's 20 Drill machine No's 21 Hilti machine No's 22 Clump meter No's 23 Hygrometer No's 24 Electric screw driver No's 25 Mechanical screw driver No's 26 Socket set (goti set) Set 27 Ladder 6', 8', 10', 12' No's 28 Hacksaw frame with blades No's 29 Grease gun No's 30 Voltage tester No's 31 Extension lead with 20 meter cable No's 32 PH & TDS meter No's 33 Teflon Tape No's 34 Glue Kg | 16 | Nose plier | No's | |
| 19 Dust blower No's 20 Drill machine No's 21 Hilti machine No's 22 Clump meter No's 23 Hygrometer No's 24 Electric screw driver No's 25 Mechanical screw driver No's 26 Socket set (goti set) Set 27 Ladder 6', 8', 10', 12' No's 28 Hacksaw frame with blades No's 29 Grease gun No's 30 Voltage tester No's 31 Extension lead with 20 meter cable No's 32 PH & TDS meter No's 33 Teflon Tape No's 34 Glue Kg | 17 | Wire Cutter | No's | |
| 20Drill machineNo's21Hilti machineNo's22Clump meterNo's23HygrometerNo's24Electric screw driverNo's25Mechanical screw driverNo's26Socket set (goti set)Set27Ladder 6', 8', 10', 12'No's28Hacksaw frame with bladesNo's29Grease gunNo's30Voltage testerNo's31Extension lead with 20 meter cableNo's32PH & TDS meterNo's33Teflon TapeNo's34GlueKg | 18 | Wise Grip | No's | |
| 21 Hilti machine 22 Clump meter No's 23 Hygrometer No's 24 Electric screw driver No's 25 Mechanical screw driver No's 26 Socket set (goti set) Set 27 Ladder 6', 8', 10', 12' No's 28 Hacksaw frame with blades No's 29 Grease gun No's 30 Voltage tester No's 31 Extension lead with 20 meter cable No's 32 PH & TDS meter No's 33 Teflon Tape No's No's No's | 19 | Dust blower | No's | |
| 22 Clump meter No's 23 Hygrometer No's 24 Electric screw driver No's 25 Mechanical screw driver No's 26 Socket set (goti set) Set 27 Ladder 6', 8', 10', 12' No's 28 Hacksaw frame with blades No's 29 Grease gun No's 30 Voltage tester No's 31 Extension lead with 20 meter cable No's 32 PH & TDS meter No's 33 Teflon Tape No's 34 Glue Kg | 20 | Drill machine | No's | |
| 23 Hygrometer No's 24 Electric screw driver No's 25 Mechanical screw driver No's 26 Socket set (goti set) Set 27 Ladder 6', 8', 10', 12' No's 28 Hacksaw frame with blades No's 29 Grease gun No's 30 Voltage tester No's 31 Extension lead with 20 meter cable No's 32 PH & TDS meter No's 33 Teflon Tape No's 34 Glue Kg | 21 | Hilti machine | No's | |
| 24 Electric screw driver No's 25 Mechanical screw driver No's 26 Socket set (goti set) Set 27 Ladder 6', 8', 10', 12' No's 28 Hacksaw frame with blades No's 29 Grease gun No's 30 Voltage tester No's 31 Extension lead with 20 meter cable No's 32 PH & TDS meter No's 33 Teflon Tape No's 34 Glue Kg | 22 | Clump meter | No's | |
| 25 Mechanical screw driver No's 26 Socket set (goti set) Set 27 Ladder 6', 8', 10', 12' No's 28 Hacksaw frame with blades No's 29 Grease gun No's 30 Voltage tester No's 31 Extension lead with 20 meter cable No's 32 PH & TDS meter No's 33 Teflon Tape No's 34 Glue Kg | 23 | Hygrometer | No's | |
| 26 Socket set (goti set) 27 Ladder 6', 8', 10', 12' 28 Hacksaw frame with blades 29 Grease gun No's 30 Voltage tester No's 31 Extension lead with 20 meter cable No's 32 PH & TDS meter No's 33 Teflon Tape No's 34 Glue Kg | 24 | Electric screw driver | No's | |
| 27 Ladder 6', 8', 10', 12' 28 Hacksaw frame with blades 29 Grease gun No's 30 Voltage tester No's 31 Extension lead with 20 meter cable No's 32 PH & TDS meter No's 33 Teflon Tape No's Kg | 25 | Mechanical screw driver | No's | |
| 28 Hacksaw frame with blades No's 29 Grease gun No's 30 Voltage tester No's 31 Extension lead with 20 meter cable No's 32 PH & TDS meter No's 33 Teflon Tape No's 34 Glue Kg | 26 | Socket set (goti set) | Set | |
| 29 Grease gun No's 30 Voltage tester No's 31 Extension lead with 20 meter cable No's 32 PH & TDS meter No's 33 Teflon Tape No's 34 Glue Kg | 27 | Ladder 6', 8', 10', 12' | No's | |
| 30 Voltage tester No's 31 Extension lead with 20 meter cable No's 32 PH & TDS meter No's 33 Teflon Tape No's 34 Glue Kg | 28 | Hacksaw frame with blades | No's | |
| 31 Extension lead with 20 meter cable 32 PH & TDS meter No's 33 Teflon Tape No's Kg | 29 | Grease gun | No's | |
| 32 PH & TDS meter No's 33 Teflon Tape No's 34 Glue Kg | 30 | Voltage tester | No's | |
| 33 Teflon Tape No's 34 Glue Kg | 31 | Extension lead with 20 meter cable | No's | |
| 34 Glue Kg | 32 | PH & TDS meter | No's | |
| | 33 | Teflon Tape | No's | |
| 35 Samad Bond Kg | 34 | Glue | Kg | |
| | 35 | Samad Bond | Kg | |
| 36 Nylon Brush 1", 5/8", 3/8" No's | 36 | Nylon Brush 1", 5/8", 3/8" | No's | |

| 37 | Jubilee Clamp ½", ¾", 1", 2" | No's | |
|-------------------------|--|---|---------|
| 38 | L-Key set | No's | |
| 39 | Combine Manifold Gauge for split Unit | No's | |
| 40 | Complete Welding plant for copper piping | No's | |
| 41 | Complete Electric Welding plant (single Phase) | No's | |
| 42 | WD-40 | Kg | |
| 43 | Baby Grinder | No's | |
| 44 | Chemical Dosing Pump | No's | |
| 45 | Descaling Pump (with plastic impeller) | No's | |
| 46 | PH Paper | No's | |
| 47 | Puller for Pulley 12" | No's | |
| 48 | Vice grip | No's | |
| 49 | Vacuum pump for split Unit (single phase) | No's | |
| Safety 1 | Tools (Best Quality) | | |
| | | | |
| Sr No. | Item | Unit | Remarks |
| Sr No. | Safety Helmet (White, Green, Blue, red, Yellow) | Unit No's | Remarks |
| | | | Remarks |
| 1 | Safety Helmet (White, Green, Blue, red, Yellow) | No's | Remarks |
| 1 2 | Safety Helmet (White, Green, Blue, red, Yellow) Safety Shoes | No's No's | Remarks |
| 1 2 3 | Safety Helmet (White, Green, Blue, red, Yellow) Safety Shoes Safety Gloves | No's No's No's | Remarks |
| 1 2 3 4 | Safety Helmet (White, Green, Blue, red, Yellow) Safety Shoes Safety Gloves Face shield | No's No's No's No's | Remarks |
| 1 2 3 4 5 | Safety Helmet (White, Green, Blue, red, Yellow) Safety Shoes Safety Gloves Face shield Safety Glasses | No's No's No's No's No's No's | Remarks |
| 1 2 3 4 5 | Safety Helmet (White, Green, Blue, red, Yellow) Safety Shoes Safety Gloves Face shield Safety Glasses Hearing Protection | No's No's No's No's No's No's No's | Remarks |
| 1 2 3 4 5 6 7 | Safety Helmet (White, Green, Blue, red, Yellow) Safety Shoes Safety Gloves Face shield Safety Glasses Hearing Protection Safety jackets | No's No's No's No's No's No's No's No's | Remarks |
| 1 2 3 4 5 6 7 8 | Safety Helmet (White, Green, Blue, red, Yellow) Safety Shoes Safety Gloves Face shield Safety Glasses Hearing Protection Safety jackets Welding Gloves | No's No's No's No's No's No's No's No's | Remarks |
| 1 2 3 4 5 6 7 8 9 | Safety Helmet (White, Green, Blue, red, Yellow) Safety Shoes Safety Gloves Face shield Safety Glasses Hearing Protection Safety jackets Welding Gloves Welding Glasses | No's No's No's No's No's No's No's No's | Remarks |
| 1 2 3 4 5 6 7 8 9 10 | Safety Helmet (White, Green, Blue, red, Yellow) Safety Shoes Safety Gloves Face shield Safety Glasses Hearing Protection Safety jackets Welding Gloves Welding Glasses Welding Shoes | No's No's No's No's No's No's No's No's | Remarks |
| 1 2 3 4 5 6 7 8 9 10 11 | Safety Helmet (White, Green, Blue, red, Yellow) Safety Shoes Safety Gloves Face shield Safety Glasses Hearing Protection Safety jackets Welding Gloves Welding Glasses Welding Shoes Welding Uniform | No's No's No's No's No's No's No's No's | Remarks |

| 14 | Fire Extinguisher | No's | |
|----|-------------------------|------|--|
| 15 | Head Lamp | No's | |
| 16 | Welding Helmet | No's | |
| 17 | Ladder 8', 10', 12',16' | No's | |
| 18 | Dust Mask | No's | |

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;

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

Conditions for debarment of Defaulted Bidder/Contractor

- Failure or refusal to;
- Accept Purchases Order / Services order terms;
- Make supplies as per specifications agreed:
- Fulfill contractual obligations as per contract
- Non execution of work as per terms & condition of contract.
- Any unethical or unlawful professional or business behavior detrimental to good conduct and integrity of the public procurement process.
- Persistent and intentional violation of important conditions of contract.
- Non-adherence to quality specifications despite being importunately pointed out.
- 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

- 1. 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.
- 2. 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.
- 3. 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.
- 4. Mere fact of lodging of a complaint shall not warrant suspension of the procurement process.
- 5. Note: Grievance notified & designated who can invite appropriate official as co-opted member for grievance.

8. Award of Contract:

Contracts shall be confirmed through a written agreement signed by the successful bidder and the PIC/MTI Peshawar.

9. Payment:

- a. No advance payment will be permissible.
- b. The payment will be made after successful supply, installation/inspection and test run of all requisite items.