**Tender Document**

**Supply of HVAC Items**



**COMSATS University Islamabad**

**Park Road, Tarlai Kalan, Islamabad**

**051-9049-5122 / 051-9049-5154**

**Tender Notice**

**Supply of HVAC Items**

No.CUI/Proc/TN-(167)/4-22/167

1. COMSATS University Islamabad (CUI) Islamabad, a Public Sector Prestigious Educational Organization invites tender from renowned firms/companies registered with Income Tax/Sales Tax Departments and are on Active Tax Payer List of FBR (I.T & GST), for **Supply of HVAC Items.**
2. Tender procedure will base upon **“Single Stage- Single Envelope”** bidding method as prescribed under PPRA rules.
3. The Financial Bids must be accompanied with the **earnest money @ 2% of the total bid** in the form of Call Deposit/Bank Draft (refundable) drawn in favor of COMSATS University Islamabad (FTN/NTN: 9013701-9)**.**
4. Tender documents are available online for the interested firms/parties on PPRA website as well as CUI website which can be downloaded. Interested firms/bidders are required to submit their bids proposals along with tender fee of **Rs.500/- (non-refundable)** in shape of pay order/DD in favour of CUI Islamabad.
5. Sealed tenders (prepared in accordance with instructions of tender documents) must reach at the given address latest by **April 28, 2022 at 1100 hrs**. (Closing Time)
6. **Only Technical** Bids will be opened in public on the same day **half hour after the closing time** in Room No. G-6, Faculty Block-I, COMSATS University Islamabad, park Road, Islamabad.



In-Charge (Procurement)

**COMSATS University Islamabad**

2nd Floor, Faculty Block-II, Park Road, Tarlai Kalan, Islamabad,

Tel: 051-90495122, 90495154

Email: fawadhashmi@comsats.edu.pk

**Eligibility & Qualification**

|  |  |  |
| --- | --- | --- |
| **Detail** | **Criteria** | **Envelope** |
| 1. Draft of Earnest Money
 | **Mandatory** | **In Financial Bid** |
| 1. Bid /Quotation **(Form No.1)**

*(Strictly as per pattern)* | **Mandatory** |
| 1. Declaration Form **(Form No.2)**
 | **Mandatory** | **In Technical Bid** |
| 1. GST and NTN Registered
 | **Mandatory** |
| 1. Active Tax Payer List (ATL) of FBR

Status as “Active”. | **Mandatory** |
| 1. **Proof of Non-Blacklisting:**

Affidavit on legal paper of appropriate value (duly attested from notary public)/letterhead that the firm/company is neither black listed nor in litigation with any of its public sector client  | **Mandatory** |
| 1. **Warranty/Guarantee Terms**

**All the HVAC Parts should have warranty or Check warranty** | **Mandatory** |
| 1. **Technical Compliance sheet (From-3)**
 | **Mandatory** |

**Criteria for Tenders Evaluation and Award of Contract:**

* Bids will be evaluated in fair, transparent and non-discriminatory manner. For the purpose of determining the lowest evaluated bid, the above criteria shall be taken into consideration of bids;
* The bidder fulfilling all the above criteria will be qualified.
* The lowest financial bid will be awarded the contract.
* The Complete Work Order / Purchase Order will be given to a single vendor.
* This will be a frame work contract/Work order/purchase order. The quantities are fixed for the whole year, however the CUI may request supplies as and when required and the payment will be processed accordingly.

## General Terms & Conditions

 1. The Terms & Conditions are as under:

 No tender will be considered if: ‐

* 1. Received without required documentation or found incomplete;
	2. Received later than the date and time fixed for Tender submission;
	3. The Tender is unsigned/ unstamped;
	4. The Tender is singed/stamped by the unauthorized agent of the Firm/company;
	5. The Tender is from a firm which is black listed or in litigation of some sort with any Public-Sector Organization;
	6. The Tender is received by telephone/telex/fax/telegram;
	7. Tenders received without earnest money;
	8. In contradiction with the specification given by the CUI;
1. Suppliers, who are on Active Taxpayers List (ATL) of FBR, both GST and Income Tax are eligible to apply.
2. Bidders will have to produce the proof of being a Tax Filer with FBR.
3. Income tax as applicable and announced by the Govt. of Pakistan will be deducted at source.
4. The payment will be made after successful completion of all items and job, for the item accepted by CUI.
5. The tender must accompany earnest money as mentioned in the tender notice, of the total value of the bid in the form of Call Deposit/Bank draft (refundable) drawn in favor of COMSATS University Islamabad.
6. The rates must be quoted **as per pattern**.
7. Prices should be valid for **one year.**
8. Any attempt by a bidder to influence in the examination, evaluation, comparison, and post qualification of the Bids or Contract award decisions may result in the rejection of its bid.
9. CUI reserves the right to accept or reject any or all tenders as per PPRA Rules 33.
10. No advance payment will be permissible.
11. The Work will be given to lowest evaluated bidder on the basis of lowest evaluated bid. In case the successful bidder(s) refuse to supply the item(s), the earnest money will be forfeited AND a ban from business with CUI for a period of ONE YEAR will be imposed.
12. The Supply will be made within **2-4 weeks’ Time** for Imported Weightlifting material and 4 Weeks’ Time for Local Weightlifting material from the date of work Order. Ready stock will be given preference.
13. In case of delay in delivery, 0.5% of the total bid will be deducted upto 10% (additional 20 days for supply). In case of further delay, CUI will have the right to cancel the Work Order without any further information or communication and earnest money will be forfeited AND/OR a ban from business with CUI for a period of ONE YEAR will be imposed.
14. 10% Performance Security would be withheld from the payment till the period of warranty.
15. In cases lowest bidder refuses or fails to supply the item(s) within the deadline(s), the Work Order may be offered to the next lowest bidder provided that the difference between the 1st lowest bidder and 2nd lowest bidder (2nd-1st) is less than or equal to the earnest money (General Economic Principle). Same principle for 3rd, 4th lowest bidders and so on.
16. In case of defects/non-compatibility/sub-standard at any stage (from supply till validity of warranty period), CUI will inform the bidder within 15 days-time and the bidder will arrange for replacement of the item(s) within 15 days’ time. In case of non-compliance, CUI will arrange the equipment OR part(s) from alternate source(s) and the charges/expense incurred on the equipment/part(s) will be deducted from the earnest money/Invoice/performance Guarantee of the vendor.
17. Applicable Income tax and GST will be deducted at source/as per rules. In case of exemption, please mention and attach the proper documentation duly verified from the concerned tax authorities/FBR; however, if CUI will be final authority to accept or reject the exemption certificate and the vendor may claim refund from Tax Authorities/FBR.
18. In case of any holiday is announced by the Govt. OR any other unforeseeable circumstances that prevent the tender from being opened on the date announced (Force Majure), the tenders will be opened on the VERY NEXT WORKING DAY. Time and venue of the tender will remain as mentioned in the tender notice.
19. In case of Tie in rates, the bidder securing highest technical score in the criteria will be awarded the contract. In case of tie in technical Score, the bidder having the most valued work orders (work orders provided against relevant experience) will be awarded the Work Order.
20. The documents prepared by the Bidder as well as all correspondence and documents relating to the Bid shall be in English only.
21. The currency of the quotation would be in Pakistan Rupees only.
22. In case of calculation error, the unit price will be considered as valid.
23. Any proposal/tender received by CUI after the deadline will be returned unopened to bidder concerned. Delays in the mail or courier, delays of person in transit, or delivery of a proposal to the wrong office shall not be accepted as an excuse for failure to deliver a proposal at the proper place and time. It shall be the bidder’s responsibility to determine the manner in which timely delivery of his proposal will be accomplished either in person, by messenger or by mail to the concerned office..
24. In case a firm/company submits two bids/options against our tender; the bid with the highest value/amount will be considered.
25. Payment will be made as per actual quantity provided/supplied & accepted.
26. CUI is authorized to vary quantities at the time of establishing the contract or as decided latterly according to its requirement and budget as per PPRA rules.
27. Do not submit any other document other than demanded.
28. No request for correction will be entertained after opening of the bid
29. CUI reserves the right to accept or reject part as whole of the tender any time prior to the acceptance of tender. The unsuccessful bidder’s participating in the tender shall be informed the reasons for the rejection of their bid, however CUI shall not be liable to justify those reasons.

**Form 1**

*[Letterhead of the Firm]*

|  |  |  |  |
| --- | --- | --- | --- |
| Ref No:  |  | NTN: |  |
| Date: |  | GST: |  |

**Financial Bid**

**Supply of HVAC Items.**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| S.N | Detail of Specifications | Parts Type  | Qty | Unit | Unit Price (GST Excl) | GST Amount | Unit Price (GST INCL)) | Total Cost including all taxes |
| **Detail of HVAC Items****HVAC Mcquay items** |
| 1 | Magnetic Contactor (LC1D25C) Schneider  | HVAC | 03 | Nos |  |  |  |  |
| 2 | Magnetic Contactor GC3-18-01KK Schneider | HVAC | 03 | Nos |  |  |  |  |
| 3 | Overload Relay (46020054-af101110) Schneider | HVAC | 03 | Nos |  |  |  |  |
| 4 | Overload Relay (lrd21c) Schneider | HVAC | 03 | Nos |  |  |  |  |
| 5 | Magnetic Contactor (lcid18c) Schneider | HVAC | 03 | Nos |  |  |  |  |
| 6 | Magnetic Contactor 30-01 (ABB)  | HVAC | 03 | Nos |  |  |  |  |
| 7 | McQuay indoor unit Swing motor (M5CMD040D-AFAD-R) | HVAC | 01 | No |  |  |  |  |
| 8 | McQuay indoor unit PCB card (M5CMD040D-AFAD-R) | HVAC | 03 | No |  |  |  |  |
| 9 | McQuay indoor unit motor (M5CKD040A-AFBB-R) (with blower) | HVAC | 01 | No |  |  |  |  |
| 10 | McQuay indoor unit Sensor set (M5CMD040D-AFAD-R)  | HVAC | 01 | No |  |  |  |  |
| 11 | McQuay indoor unit motor (M5CKD020D-AFAC-R) (with blower) | HVAC | 01 | No |  |  |  |  |
| 12 | McQuay indoor unit Sensor set (M5CKD020D-AFAC-R) | HVAC | 01 | No |  |  |  |  |
| 13 | McQuay indoor unit swing motor (M5CKD020D-AFAC-R) | HVAC | 01 | No |  |  |  |  |
| 14 | McQuay indoor unit PCB card (M5CKD020D-AFAC-R) | HVAC | 01 | No |  |  |  |  |
| 15 | McQuay indoor unit motor (M5CKD025A-AFBB-R) (with blower) | HVAC | 01 | No |  |  |  |  |
| 16 | McQuay indoor unit sensor set (M5CKD025A-AFBB-R) | HVAC | 01 | No |  |  |  |  |
| 17 | McQuay indoor Swing motor (M5CKD025A-AFBB-R) | HVAC | 01 | No |  |  |  |  |
| 18 | McQuay indoor unit PCB card(M5CKD025A-AFBB-R) | HVAC | 01 | No |  |  |  |  |
| 19 | McQuay indoor unit motor (M5CKD015-AFAA-R) | HVAC | 03 | Nos |  |  |  |  |
| 20 | McQuay indoor unit Sensor set (M5CKD015-AFAA-R) | HVAC | 03 | Nos |  |  |  |  |
| 21 | McQuay indoor unit Swing motor (M5CKD015-AFAA-R) | HVAC | 03 | Nos |  |  |  |  |
| 22 | McQuay indoor unit PCB card (M5CKD015-AFAA-R) | HVAC | 02 | Nos |  |  |  |  |
| 23 | McQuay indoor unit Display (M5CKD015-AFAA-R)  | HVAC | 03 | Nos |  |  |  |  |
| 24 | McQuay indoor unit motor (M5CMD028E-ACGBA-R)  | HVAC | 01 | No |  |  |  |  |
| 25 | McQuay indoor unit Sensor set (M5CMD028E-ACGBA-R) | HVAC | 01 | No |  |  |  |  |
| 26 | McQuay indoor unit Swing motor (M5CMD028E-ACGBA-R) | HVAC | 01 | No |  |  |  |  |
| 27 | McQuay indoor unit PCB card (M5CMD028E-ACGBA-R) | HVAC | 01 | No |  |  |  |  |
| 28 | McQuay indoor unit Display (M5CMD028E-ACGBA-R) | HVAC | 01 | No |  |  |  |  |
| 29 | McQuay indoor unit motor (M5CMD015E-ACGBA-R) (with blower) | HVAC | 01 | No |  |  |  |  |
| 30 | McQuay indoor unit motor (M5CMD020E-ACGBA-R) (with blower) | HVAC | 01 | No |  |  |  |  |
| 31 | McQuay indoor unit motor (M5CMD025E-ACGBA-R) (with blower) | HVAC | 01 | No |  |  |  |  |
| 32 | McQuay indoor unit motor (M5WMD025G-ACLAC-R) (with blower) | HVAC | 05 | Nos |  |  |  |  |
| 33 | McQuay indoor unit Sensor set (M5WMD025G-ACLAC-R) | HVAC | 05 | Nos |  |  |  |  |
| 34 | McQuay indoor unit Swing motor (M5WMD025G-ACLAC-R) | HVAC | 02 | Nos |  |  |  |  |
| 35 | McQuay indoor unit PCB Card(M5WMD025G-ACLAC-R) | HVAC | 04 | Nos |  |  |  |  |
| 36 | McQuay indoor unit Display (M5WMD025G-ACLAC-R) | HVAC | 05 | Nos |  |  |  |  |
| 37 | McQuay Outdoor unit sensor set (MDS380BR5) | HVAC | 05 | Nos |  |  |  |  |
| 38 | McQuay Outdoor unit Sequence controller (MDS380BR5) | HVAC | 03 | Nos |  |  |  |  |
| 39 | McQuay Outdoor unit card (MD 500) BRS Main PCB card | HVAC | 01 | No |  |  |  |  |
| 40 | McQuay Indoor unit Motor (M5CMD040D-AFAD-R) (with blower) | HVAC | 01 | No |  |  |  |  |
| 41 | McQuay Indoor unit Sensor set |  | 01 | No |  |  |  |  |
| 42 | (M5CMD040D-AFAD-R) | HVAC | 01 | No |  |  |  |  |
| 43 | McQuay BMS Commissioning smart commander  |  | 02 | Nos |  |  |  |  |
| 44 | (MC-CCS01B) | HVAC | 02 | Nos |  |  |  |  |
| 45 | Mcquay Out door unit fan motor (YDK 600) (with fan blade) | HVAC | 02 | Nos |  |  |  |  |
| 46 | Mcquay high pressure sensor (MDS-odu-410A) | HVAC | 02 | Nos |  |  |  |  |
| 47 | Mcquay high pressure switch (MDS-odu-410A) | HVAC | 02 | Nos |  |  |  |  |
| 48 | Mcquay Low pressure switch (MDS-odu-410A) | HVAC | 02 | Nos |  |  |  |  |
| 49 | Mcquay phase protector card  | HVAC | 02 | Nos  |  |  |  |  |
| 50 | Mcquay Temperature sensor (MDS-odu-410A) | HVAC | 02 | Nos |  |  |  |  |
| 51 | EXV coil Indoor Mcquay cassette unit (MEX-24-3sap-c) | HVAC | 02 | Nos |  |  |  |  |
| 52 | EXV coil Indoor Mcquay cassette unit (MEX-22-3sap-c) | HVAC | 02 | Nos |  |  |  |  |
| 53 | EXV coil Mcquay wall mounted unit (MEX-18-2sap-d) | HVAC | 02 | Nos |  |  |  |  |
| 54 | EXV coil Mcquay cassette unit (MEX-18-2sap-c) | HVAC | 05 | Nos |  |  |  |  |
| **GREE BRAND HVAC ITEMS** |  |
| S.N | Detail of Specifications | Parts Type  | Qty | Unit | Unit Price (GST Excl) | GST Amount | Unit Price (GST INCL)) | Total Cost including all taxes |
| 1 | Gree out door unit motor (SWB-350-A 200V 350 W) (with fan blade) | HVAC | 02 | No |  |  |  |  |
| 2 | Gree Outdoor unit sensor set (GMV-RM450W-NA-M) | HVAC | 02 | Nos |  |  |  |  |
| 3 | Gree Outdoor unit main PCB (GMV-RM450W-NA-M)  | HVAC | 02 | No |  |  |  |  |
| 4 | Gree indoor unit sensor set (GMV-R36T/NA-K) | HVAC | 03 | Nos |  |  |  |  |
| 5 | Gree indoor unit Motor (GMV-R36T/NA-K)(with blower) | HVAC | 01 | No |  |  |  |  |
| 6 | Gree indoor unit swing motor (GMV-R36T/NA-K) | HVAC | 03 | Nos |  |  |  |  |
| 7 | Gree indoor unit display (GMV-R36T/NA-K) | HVAC | 03 | Nos |  |  |  |  |
| 8 | Gree indoor unit Motor (GMV-R50T/NA-K)(with blower) | HVAC | 01 | No |  |  |  |  |
| 9 | Gree indoo unit r Motor (GMV-R71T/NA-K)(with blower) | HVAC | 01 | No |  |  |  |  |
| 10 | Gree indoor unit Motor (GMV-R100T/NA-K)(with blower) | HVAC | 01 | No |  |  |  |  |
| 11 | PCB for Gree Out door unit motor (GMV-Rm450w-na-m)  | HVAC | 02 | Nos |  |  |  |  |
| 12 | Compressor ZP 67KCE-TFD-420 | HVAC | 02 | Nos |  |  |  |  |
| 13 | Compressor ZP 72KCE-TFD-433 | HVAC | 02 | Nos |  |  |  |  |
| 14 | Compressor ZP 57KCE-TFD-422 | HVAC | 01 | No |  |  |  |  |
| 15 | Compressor ZP 72KCE-TFD-420 | HVAC | 02 | Nos |  |  |  |  |
| 16 | Compressor ZP 83KCE-TFD-420 | HVAC | 01 | No |  |  |  |  |
| 17 | Compressor ZP 61KCE-TFD-420 | HVAC | 01 | No |  |  |  |  |
| 18 | Gree indoor EXV coil (GMV-R50T/NA-K) | HVAC | 05 | Nos |  |  |  |  |
| 19 | Gree outdoor phase protector (GMV-Rm450 W-NA-m) | HVAC | 03 | Nos |  |  |  |  |
| 20 | Gree outdoor compressor overload protector (GMV-Rm450 W-NA-m) | HVAC | 03 | Nos |  |  |  |  |
| 21 | Gree outdoor sequence controller (as per sample) | HVAC | 02 | Nos |  |  |  |  |
| 22 | Gree indoor water pump (GMV-R50T/NA-K) | HVAC | 05 | Nos |  |  |  |  |
| 23 | Nitrogen Gas cylinder (2000 psi commercial size) | HVAC | 02 | Nos. |  |  |  |  |
| 24 | Oxygen Gas cylinder (1500 psi commercial size) | HVAC | 01 | No. |  |  |  |  |
| 25 | Gree out door master card (GMV-RM450W/NA-m) | HVAC | 01 | Nos |  |  |  |  |
| **Midea Brand HVAC Items** |  |
| S.N | Detail of Specifications | Parts Type  | Qty | **Unit** | Unit Price (GST Excl) | GST Amount | Unit Price (GST INCL)) | Total Cost including all taxes |
| 1 | Midea Outdoor Motor (YDK450-220V, 430W) (with fan blade) | HVAC | 02 | No |  |  |  |  |
| 2 | Midea Outdoor Motor (YDK450-220V, 400W) (with fan blade) | HVAC | 02 | No |  |  |  |  |
| 3 | MDV indoor unit PCB card (MDV-D71T2/N1-AB | HVAC | 03 | Nos |  |  |  |  |
| 4 | MDV indoor unit PCB card (MDV-D36Q4/BN1 | HVAC | 03 | Nos |  |  |  |  |
| 5 | MDV indoor unit PCB card (MDV-D28/N1-E1 | HVAC | 03 | Nos |  |  |  |  |
| 6 | Midea Outdoor unit sensor set (MDV400W-CSN01) | HVAC | 02 | Nos |  |  |  |  |
| 7 | Midea Outdoor unit PCB Main Card (MDV400W-CSN01) | HVAC | 02 | No |  |  |  |  |
| 8 | MDV indoor unit Sensor set (MDV-D28G/N1-E1) | HVAC | 03 | Nos |  |  |  |  |
| 9 | MDV indoor unit swing motor (MDV-D28G/N1-E1) | HVAC | 03 | Nos |  |  |  |  |
| 10 | MDV indoor unit motor (MDV-D28G/N1-E1) (with fan blade) | HVAC | 01 | No |  |  |  |  |
| 11 | MDV indoor unit motor (MDV-D36G/N1-E1) | HVAC | 03 | Nos |  |  |  |  |
| 12 | MDV indoor unit motor (MDV-D56G/N1-E1) (with blower) | HVAC | 03 | Nos |  |  |  |  |
| 13 | MDV indoor unit sensor set (MDV-D112DL/N1) | HVAC | 03 | Nos |  |  |  |  |
| 14 | MDV indoor unit Motor set (MDV-D112DL/N1) (with blower) | HVAC | 01 | Nos |  |  |  |  |
| 15 | MDV indoor unit swing motor (MDV-D112DL/N1)  | HVAC | 01 | Nos |  |  |  |  |
| 16 | MDV indoor unit motor (MDV-D140DL/N1) (with blower) | HVAC | 01 | No |  |  |  |  |
| 17 | MDV indoor unit sensor set (MDV-D36Q 4/BN1) | HVAC | 03 | Nos |  |  |  |  |
| 18 | MDV indoor Motor (MDV-D36Q 4/BN1) (with blower) | HVAC | 03 | Nos |  |  |  |  |
| 19 | MDV indoor Swing motor (MDVD36Q 4/BN1) | HVAC | 03 | Nos |  |  |  |  |
| 20 | MDV indoor Motor (MDV-D56Q 4/BN1) (with blower) | HVAC | 01 | No |  |  |  |  |
| 21 | MDV indoor Motor (MDV-D71Q 4/BN1) (with blower) | HVAC | 01 | No |  |  |  |  |
| 22 | MDV indoor motor (MDV-D112Q 4/BN1) (with blower) | HVAC | 01 | No |  |  |  |  |
| 23 | MDV indoor sensor set (MDV-D71T2/N1-A3) | HVAC | 02 | Nos |  |  |  |  |
| 24 | MDV indoor Motor (MDV-D71T2/N1-A3) (with blower) | HVAC | 01 | No |  |  |  |  |
| 25 | MDV indoor swing motor (MDV-D71T2/N1-A3) | HVAC | 02 | Nos |  |  |  |  |
| 26 | MDV indoor Motor (MDV-D112T2/N1-B)(with blower) | HVAC | 01 | Nos |  |  |  |  |
| 27 | Midea indoor water pump (MDV-D71Q4/N1) | HVAC | 05 | Nos |  |  |  |  |
| 28 | Midea indoor EXV coil (MDV-D71T2/N1-A3) | HVAC | 03 | Nos |  |  |  |  |
| **Split ACs Items** |  |
| S.N | Detail of Specifications | Parts Type  | Qty | **Unit** | Unit Price (GST Excl) | GST Amount | Unit Price (GST INCL)) | Total Cost including all taxes |
| 1 | AC compressor 1ton (Mitsubishi) or equivalent | Split AC | 02 | Nos |  |  |  |  |
| 2 | 1.5 Ton compressor (Mitsubishi) or equivalent | Split AC | 02 | Nos |  |  |  |  |
| 3 | 2 Ton Compressor (Mitsubishi) or equivalent | Split AC | 02 | Nos |  |  |  |  |
| 4 | Compressor thimble 6mm | Split AC | 25 | Nos |  |  |  |  |
| 5 | Capacitor 50uf (Amber) | Split AC | 09 | Nos |  |  |  |  |
| 6 | Capacitor 40uf (Amber) | Split AC | 03 | Nos |  |  |  |  |
| 7 | Split Ac Haier Out door motor (02 Ton)  | Split AC | 01 | Nos |  |  |  |  |
| 8 | Split Ac Haier in door motor DC (02 Ton)  | Split AC | 01 | Nos |  |  |  |  |
| 9 | Split Ac universal remote Control (Expert)  | Split AC | 10 | Nos |  |  |  |  |
| 10 | AC drain pipe Plastic ½”  | Split AC | 04 | Roll |  |  |  |  |
| 11 | Capacitor 60uf  | Split AC | 05 | Nos |  |  |  |  |
| 12 | R-22 Gauge (Expert) (Mani-fold Low-250 psi to High-500 psi) | Split AC | 04 | Nos |  |  |  |  |
| 13 | Flair nut ½” (brass) | Split AC | 10 pcs | Nos |  |  |  |  |
| 14 | Flair nut ¼” (brass) | Split AC | 10 pcs | Nos |  |  |  |  |
| 15 | Flair nut 5/8” (brass) | Split AC | 10 pcs | Nos |  |  |  |  |
| 16 | Flair nut 3/8” (brass) | Split AC | 10 pcs | Nos  |  |  |  |  |
| 17 | Brass union ½” (brass) | Split AC | 08 pcs | Nos |  |  |  |  |
| 18 | Brass union ¼”(brass) | Split AC | 08 pcs | Nos |  |  |  |  |
| 19 | Brass union 3/8” (brass) | Split AC | 08 pcs | Nos  |  |  |  |  |
| 20 | Brass union 5/8” (brass) | Split AC | 08 pcs | Nos |  |  |  |  |
| 21 | Acson 1.5-ton Indoor sensor Set | Split AC | 02 | Nos |  |  |  |  |
| 22 | Acson 1.5-ton Outdoor sensor Set | Split AC | 02 | Nos |  |  |  |  |
| 23 | Haier 1.5 Ton Indoor Sensor Set | Split AC | 02 | Nos |  |  |  |  |
| 24 | Haier 1.5 Ton Outdoor Sensor Set | Split AC | 02 | Nos |  |  |  |  |
| 25 | 1.5-ton Haier-indoor PCB card (Heat & cool) | Split AC | 04 | Nos. |  |  |  |  |
| 26 | 2-ton Haier indoor PCB card (Heat & cool) | Split AC | 04 | Nos. |  |  |  |  |
| 27 | 1.5-ton Acson indoor PCB card (Heat & cool) | Split AC | 04 | Nos. |  |  |  |  |
| 28 | 2-ton Acson indoor PCB card (Heat & cool) | Split AC | 04 | Nos. |  |  |  |  |
| 29 | 2-ton Acson floor standing indoor PCB card (cool only) | Floor standing split AC | 02 | Nos. |  |  |  |  |
| 30 | 2-ton Acson floor standing indoor PCB card (heat & cool) | Floor standing split AC | 02 | Nos. |  |  |  |  |
| 31 | 4-ton Acson floor standing indoor PCB card (heat & cool ) | Floor standing split AC | 02 | Nos. |  |  |  |  |
| 32 | R-32 gas cylinder | Invertor split ACs | 03 Cylinder | Nos |  |  |  |  |
| **Water Cooler Items** |  |
| S.N | Detail of Specifications | Parts Type  | Qty | **Unit** | Unit Price (GST Excl) | GST Amount | Unit Price (GST INCL)) | Total Cost including all taxes |
| 1 | R-134 gas cylinder (Honeywell) USA | Water cooler | 03 Cylinder  | Nos |  |  |  |  |
| 2 | Compressor ¼ (Denfos) | Water cooler | 01 | Nos |  |  |  |  |
| 3 | Compressor 1/10 (Danfoss) | Water cooler | 02 | Nos |  |  |  |  |
| 4 | Compressor 1/3 Danfoss  | Water cooler | 02 | No |  |  |  |  |
| 5 | Over load relay (water cooler) | Water cooler | 10 | Nos |  |  |  |  |
| 6 | Water cooler condenser motor (10Watt) | Water cooler | 04 | Nos |  |  |  |  |
| 7 | Electric relay (Double point) | Water cooler | 10 | Nos |  |  |  |  |
| 8 | Water cooler tank (45 liter with copper pipe and thermo pole insulation) | Water cooler | 05 | Nos |  |  |  |  |
| 9 | Compressor 1/6 (Danfoss)  | Water cooler | 02 | Nos |  |  |  |  |
| 10 | Water cooler taps 1/2 (stainless Steel) | Water cooler | 20 | Nos  |  |  |  |  |
| 11 | Capacitor 80/110 uf (ambar) | Water cooler | 04 | Nos  |  |  |  |  |
| 12 | Capacitor 3.5 uf (ambar) | Water cooler | 10 | Nos |  |  |  |  |
| 13 | Capacitor 2 uf (ambar) | Water cooler | 10 | Nos |  |  |  |  |
| 14 | Copper strainer 15 gram  | Water cooler | 10 | Nos  |  |  |  |  |
| 15 | Copper strainer 20 gram  | Water cooler | 06 | Nos |  |  |  |  |
| 16 | Water cooler condenser 1/3”  | Water cooler | 04 | Nos  |  |  |  |  |
| 17 | Thermostat 2 pin (VC1) | Water cooler | 06 | No |  |  |  |  |
| **General Items** |  |
| S.N | Detail of Specifications | Parts Type  | Qty | **Unit** | Unit Price (GST Excl) | GST Amount | Unit Price (GST INCL)) | Total Cost including all taxes |
| 1 | Wire 110/76 3core (Copper) | General item | 01 | Rolls |  |  |  |  |
| 2 | Silicon Gemsa (jumbo) size  | General item | 06 | Nos |  |  |  |  |
| 3 | Ducting tap (Aluminum) | General item | 02 | Nos |  |  |  |  |
| 4 | Copper rod (Henry) USA  | General item | 01 | KG |  |  |  |  |
| 5 | Rawal bolt 3/8 | General item | 24 | Nos |  |  |  |  |
| 6 | WD 40 (250ml) | General item | 04 | Nos |  |  |  |  |
| 7 | U PVC solution (500 Grm) | General item | 08 | Nos |  |  |  |  |
| 8 | Cable tie 8” | General item | 04 | Pkt |  |  |  |  |
| 9 | Plastic pipe ¾” (Steel ring) | General item | 10 | Mtr |  |  |  |  |
| 10 | Plastic pipe 1” (Steel ring) | General item | 10 | Mtr |  |  |  |  |
| 11 | UPVC Elbow ¾” | General item | 40 | Nos |  |  |  |  |
| 12 | UPVC Socket ¾” | General item | 20 | Nos |  |  |  |  |
| 13 | UPVC Tee ¾” | General item | 10 | Nos |  |  |  |  |
| 14 | UPVC Elbow 1” | General item | 20 | Nos |  |  |  |  |
| 15 | UPVC Socket 1” | General item | 10 | Nos |  |  |  |  |
| 16 | UPVC Tee 1” | General item | 05 | Nos |  |  |  |  |
| 17 | Magic depoxi (Large) | General item | 04 | Nos |  |  |  |  |
| 18 | wrapping tape  | General item | 20 | Nos |  |  |  |  |
| 19 | Aluminum tape 2”  | General item | 05 | Nos |  |  |  |  |
| 20 | Screw 1 ½” | General item | 04 | Pkts |  |  |  |  |
| 21 | Rawal plug 10 No | General item | 05 | Pkts |  |  |  |  |
| 22 | UPVC Elbow 1 ½” | General item | 05 | Nos |  |  |  |  |
| 23 | UPVC socket 1 ½” | General item | 05 | Nos |  |  |  |  |
| 24 | UPVC tee 1 ½” | General item | 05 | Nos |  |  |  |  |
| 25 | UPVC elbow 2” | General item | 05 | Nos |  |  |  |  |
| 26 | UPVC socket 2” | General item | 05 | Nos  |  |  |  |  |
| 27 | UPVC Tee 2” | General item | 06 | Nos |  |  |  |  |
| 28 | Clamp meter (ut230) | General item | 02 | Nos |  |  |  |  |
| 29 | Brass rod | General item | 1 | Kg |  |  |  |  |
| 30 | ¼ Charging line (Copper) | General item | 10 | Nos |  |  |  |  |
| 31 | SS valve ¼ (pin valve) | General item | 100 | Nos |  |  |  |  |
| 32 | Flex powder  | General item | ½ | Kg |  |  |  |  |
| 33 | Umbrella (Big-size) (for work in rain) | General item | 03 | No |  |  |  |  |
| 34 | Rain Coat (for work in rain) | General item | 07 | No |  |  |  |  |
| 35 | Ring Pipe GI 3/4 | General item | 50 | meter |  |  |  |  |
| 36 | Screw Driver Set (Ribbicon) or equivalent  | General item | 02 Set | Set |  |  |  |  |
| 37 | Screw Wrench 12” (Denfose) or equivalent | General item | 02 Set | No |  |  |  |  |
| 38 | Screw Wrench 10” (Denfose) or equivalent | General item | 02 Set | No |  |  |  |  |
| 39 | Screw Wrench 08”(Denfose) or equivalent | General item | 02 Set | No |  |  |  |  |
| 40 | Plier (Tera) or equivalent | General item | 02 Set | No |  |  |  |  |
| 41 | Cutter Plier (Tera) or equivalent | General item | 02 Set | No |  |  |  |  |
| 42 | Nose Plier (Tera) or equivalent | General item | 02 Set | No |  |  |  |  |
| 43 | Alien Key Set (Imported) or equivalent | General item | 02 Set | No |  |  |  |  |
| 44 | Goti Set (Imported) or equivalent | General item | 02 Set | No |  |  |  |  |
| 45 | Tool kit with bags | General item | 04 Set | Nos |  |  |  |  |
| 46 | Emergency light (chargeable) | General item | 02 Set | Nos |  |  |  |  |
| 47 | Head Cap light | General item | 04 Set | Nos |  |  |  |  |
| 48 | Welding torch (Star nozzle) | General item | 02 Set | Nos |  |  |  |  |
| 49 | Plastic Brush (small handle) | General item | 24 Set | Nos |  |  |  |  |
| 50 | Duster cloth  | General item | 240 | Pcs |  |  |  |  |
| 51 | Water pump bottle | General item | 24 | Nos |  |  |  |  |
| 52 | Medical face mask | General item | 4 Boxes | Nos |  |  |  |  |
| 53 | Vim liquid bottle (large) | General item | 20 bottles | Nos |  |  |  |  |
| 54 | Plastic garden pipe 3/4 | General item | 200 fet | Nos |  |  |  |  |
| 55 | Screw driver set (Rubicon) or equivalent | General item | 04 | Nos. |  |  |  |  |
| 56 | R-410 gas (Honeywell) USA | General item | 16 | Nos |  |  |  |  |
| 57 | Solenoid valve (6-watt 220 v) | General item | 10 | Nos |  |  |  |  |
| 58 | Communication wire 40/76 (3 core shielded) as per sample | General item | 01 | Roll |  |  |  |  |
| 59 | R-410 gauge (Mani-fold Low-500 psi to High-800 psi) | General item | 03 | No |  |  |  |  |
| 60 | Solenoid electric coil (12-watt 220 v)  | General item | 20 | Nos |  |  |  |  |
| 61 | Copper pipe 5/8 22Swg (local) | General item | 01 | Roll |  |  |  |  |
| 62 | Copper pipe 3/8 22Swg (Local) | General item | 01 | Roll |  |  |  |  |
| 63 | Copper pipe ½ local (22Swg) | General item | 01 | Roll |  |  |  |  |
| 64 | Aero Flex Sleeves 5/8  | General item | 20 | Nos |  |  |  |  |
| 65 | Aero Flex Sleeves 7/8  | General item | 10 | Nos |  |  |  |  |
| 66 | R-22 Gas (Honeywell) USA  | General item | 05 Cylinder  | Nos |  |  |  |  |
| 67 | Copper pipe ¼ local (22Swg)  | General item | 02 roll | Nos |  |  |  |  |
| 68 | Ceramic fuse 2-amp | General item | 50 | Nos |  |  |  |  |
| 69 | Ceramic fuse 3-amp | General item | 50 | Nos |  |  |  |  |
| 70 | Ceramic fuse 5-amp | General item | 20 | Nos |  |  |  |  |

**Bid Valid as per given in the terms & conditions.**

|  |  |
| --- | --- |
| **Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |  |
| **Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_****\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |  |
| **Contact Information: \_\_\_\_\_\_\_\_\_\_\_\_\_\_** |  |
| **Official Stamp: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |  |

**Form 2**

**Declaration Form**

**(Mandatory)**

**(This form is to be provided with the Bid. Non-provision of this form will disqualify the bidder from the bidding process)**

All the terms & conditions have been carefully read and understood and are hereby unconditionally accepted and it is declared that

I understand that by inserting any condition in my bid consciously or unconsciously will AUTOMATICALLY disqualify me from the bidding process.

All the information furnished by me/us here-in is correct to the best of my knowledge and belief.

I/we have no objection if enquiries are made about the work listed by me/us in the accompanying annexure.

I / We agree that the decision of committee in selection will be final and binding to me/us.

I / We have read the instructions appended to the proforma and I / we understand that if any false information is found at any stage, the committee is at liberty to act in a manner it feels deemed fit, which includes, but not limited to, confiscation of Security/Earnest Money AND/OR imposing a bar/restriction from future business with CUI AND/OR blacklisting.

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| --- | --- | --- |
|  **Tender No.** |  |   |
|  |  |  |
| **Name of Firm/ Company**  |  |   |
|  |  |  |
| **Year of Establishment** |  |  |
|  |  |  |
| **Name of Owner/Authorized agent** |  |  |
|  |  |  |
| **Office Address** |  |   |
|  |  |  |
| **GST No.** |  |  |
|  |  |  |
| **NTN.** |  |   |
|  |  |  |
| **Valid Telephone No.** |  |   |
|  |  |  |
| **Valid E-mail** (For Official Correspondence) |  |   |
|  |  |  |
| **Signature & Stamp**(Authorized Representative) |  |  |

**Form -3**

*[Letterhead of the Firm]*

|  |  |  |  |
| --- | --- | --- | --- |
| Ref No:  |  | NTN: |  |
| Date: |  | GST: |  |

**Technical Compliance Performa**

**Supply of HVAC Items**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S.N** | **Detail of Specifications** | **Brand Offered** | **Compliance** | **Non-compliance** | **Higher Specs****If any** |
| **Detail of HVAC Items****HVAC Mcquay items** |  |  |
| 1 | Magnetic Contactor (LC1D25C) Schneider  |  |  |  |
| 2 | Magnetic Contactor GC3-18-01KK Schneider |  |  |  |
| 3 | Overload Relay (46020054-af101110) Schneider |  |  |  |
| 4 | Overload Relay (lrd21c) Schneider |  |  |  |
| 5 | Magnetic Contactor (lcid18c) Schneider |  |  |  |
| 6 | Magnetic Contactor 30-01 (ABB)  |  |  |  |
| 7 | McQuay indoor unit Swing motor (M5CMD040D-AFAD-R) |  |  |  |
| 8 | McQuay indoor unit PCB card (M5CMD040D-AFAD-R) |  |  |  |
| 9 | McQuay indoor unit motor (M5CKD040A-AFBB-R) (with blower) |  |  |  |
| 10 | McQuay indoor unit Sensor set (M5CMD040D-AFAD-R)  |  |  |  |
| 11 | McQuay indoor unit motor (M5CKD020D-AFAC-R) (with blower) |  |  |  |
| 12 | McQuay indoor unit Sensor set (M5CKD020D-AFAC-R) |  |  |  |
| 13 | McQuay indoor unit swing motor (M5CKD020D-AFAC-R) |  |  |  |
| 14 | McQuay indoor unit PCB card (M5CKD020D-AFAC-R) |  |  |  |
| 15 | McQuay indoor unit motor (M5CKD025A-AFBB-R) (with blower) |  |  |  |
| 16 | McQuay indoor unit sensor set (M5CKD025A-AFBB-R) |  |  |  |
| 17 | McQuay indoor Swing motor (M5CKD025A-AFBB-R) |  |  |  |
| 18 | McQuay indoor unit PCB card(M5CKD025A-AFBB-R) |  |  |  |
| 19 | McQuay indoor unit motor (M5CKD015-AFAA-R) |  |  |  |
| 20 | McQuay indoor unit Sensor set (M5CKD015-AFAA-R) |  |  |  |  |
| 21 | McQuay indoor unit Swing motor (M5CKD015-AFAA-R) |  |  |  |
| 22 | McQuay indoor unit PCB card (M5CKD015-AFAA-R) |  |  |  |
| 23 | McQuay indoor unit Display (M5CKD015-AFAA-R)  |  |  |  |
| 24 | McQuay indoor unit motor (M5CMD028E-ACGBA-R)  |  |  |  |
| 25 | McQuay indoor unit Sensor set (M5CMD028E-ACGBA-R) |  |  |  |
| 26 | McQuay indoor unit Swing motor (M5CMD028E-ACGBA-R) |  |  |  |
| 27 | McQuay indoor unit PCB card (M5CMD028E-ACGBA-R) |  |  |  |
| 28 | McQuay indoor unit Display (M5CMD028E-ACGBA-R) |  |  |  |
| 29 | McQuay indoor unit motor (M5CMD015E-ACGBA-R) (with blower) |  |  |  |
| 30 | McQuay indoor unit motor (M5CMD020E-ACGBA-R) (with blower) |  |  |  |
| 31 | McQuay indoor unit motor (M5CMD025E-ACGBA-R) (with blower) |  |  |  |
| 32 | McQuay indoor unit motor (M5WMD025G-ACLAC-R) (with blower) |  |  |  |
| 33 | McQuay indoor unit Sensor set (M5WMD025G-ACLAC-R) |  |  |  |
| 34 | McQuay indoor unit Swing motor (M5WMD025G-ACLAC-R) |  |  |  |
| 35 | McQuay indoor unit PCB Card(M5WMD025G-ACLAC-R) |  |  |  |  |
| 36 | McQuay indoor unit Display (M5WMD025G-ACLAC-R) |  |  |  |
| 37 | McQuay Outdoor unit sensor set (MDS380BR5) |  |  |  |
| 38 | McQuay Outdoor unit Sequence controller (MDS380BR5) |  |  |  |
| 39 | McQuay Outdoor unit card (MD 500) BRS Main PCB card |  |  |  |
| 40 | McQuay Indoor unit Motor (M5CMD040D-AFAD-R) (with blower) |  |  |  |
| 41 | McQuay Indoor unit Sensor set |  |  |  |
| 42 | (M5CMD040D-AFAD-R) |  |  |  |
| 43 | McQuay BMS Commissioning smart commander  |  |  |  |
| 44 | (MC-CCS01B) |  |  |  |
| 45 | Mcquay Out door unit fan motor (YDK 600) (with fan blade) |  |  |  |
| 46 | Mcquay high pressure sensor (MDS-odu-410A) |  |  |  |
| 47 | Mcquay high pressure switch (MDS-odu-410A) |  |  |  |
| 48 | Mcquay Low pressure switch (MDS-odu-410A) |  |  |  |
| 49 | Mcquay phase protector card  |  |  |  |
| 50 | Mcquay Temperature sensor (MDS-odu-410A) |  |  |  |
| 51 | EXV coil Indoor Mcquay cassette unit (MEX-24-3sap-c) |  |  |  |
| 52 | EXV coil Indoor Mcquay cassette unit (MEX-22-3sap-c) |  |  |  |
| 53 | EXV coil Mcquay wall mounted unit (MEX-18-2sap-d) |  |  |  |
| 54 | EXV coil Mcquay cassette unit (MEX-18-2sap-c) |  |  |  |
| **S.N** | **Detail of Specifications** | **Brand Offered** | **Compliance** | **Non-compliance** | **Higher Specs****If any** |
| **Gree Brand HVAC ITEMS** |  |  |  |  |
| 1 | Gree out door unit motor (SWB-350-A 200V 350 W) (with fan blade) |  |  |  |
| 2 | Gree Outdoor unit sensor set (GMV-RM450W-NA-M) |  |  |  |
| 3 | Gree Outdoor unit main PCB (GMV-RM450W-NA-M)  |  |  |  |
| 4 | Gree indoor unit sensor set (GMV-R36T/NA-K) |  |  |  |
| 5 | Gree indoor unit Motor (GMV-R36T/NA-K)(with blower) |  |  |  |
| 6 | Gree indoor unit swing motor (GMV-R36T/NA-K) |  |  |  |
| 7 | Gree indoor unit display (GMV-R36T/NA-K) |  |  |  |
| 8 | Gree indoor unit Motor (GMV-R50T/NA-K)(with blower) |  |  |  |
| 9 | Gree indoo unit r Motor (GMV-R71T/NA-K)(with blower) |  |  |  |
| 10 | Gree indoor unit Motor (GMV-R100T/NA-K)(with blower) |  |  |  |
| 11 | PCB for Gree Out door unit motor (GMV-Rm450w-na-m)  |  |  |  |
| 12 | Compressor ZP 67KCE-TFD-420 |  |  |  |
| 13 | Compressor ZP 72KCE-TFD-433 |  |  |  |
| 14 | Compressor ZP 57KCE-TFD-422 |  |  |  |
| 15 | Compressor ZP 72KCE-TFD-420 |  |  |  |
| 16 | Compressor ZP 83KCE-TFD-420 |  |  |  |
| 17 | Compressor ZP 61KCE-TFD-420 |  |  |  |  |
| 18 | Gree indoor EXV coil (GMV-R50T/NA-K) |  |  |  |
| 19 | Gree outdoor phase protector (GMV-Rm450 W-NA-m) |  |  |  |
| 20 | Gree outdoor compressor overload protector (GMV-Rm450 W-NA-m) |  |  |  |
| 21 | Gree outdoor sequence controller (as per sample) |  |  |  |
| 22 | Gree indoor water pump (GMV-R50T/NA-K) |  |  |  |
| 23 | Nitrogen Gas cylinder (2000 psi commercial size) |  |  |  |
| 24 | Oxygen Gas cylinder (1500 psi commercial size) |  |  |  |
| 25 | Gree out door master card (GMV-RM450W/NA-m) |  |  |  |
| **S.N** | **Detail of Specifications** | **Brand Offered** | **Compliance** | **Non-compliance** | **Higher Specs****If any** |
| **Midea Brand HVAC Items** |  |  |  |  |
| 1 | Midea Outdoor Motor (YDK450-220V, 430W) (with fan blade) |  |  |  |
| 2 | Midea Outdoor Motor (YDK450-220V, 400W) (with fan blade) |  |  |  |
| 3 | MDV indoor unit PCB card (MDV-D71T2/N1-AB |  |  |  |
| 4 | MDV indoor unit PCB card (MDV-D36Q4/BN1 |  |  |  |
| 5 | MDV indoor unit PCB card (MDV-D28/N1-E1 |  |  |  |
| 6 | Midea Outdoor unit sensor set (MDV400W-CSN01) |  |  |  |
| 7 | Midea Outdoor unit PCB Main Card (MDV400W-CSN01) |  |  |  |
| 8 | MDV indoor unit Sensor set (MDV-D28G/N1-E1) |  |  |  |
| 9 | MDV indoor unit swing motor (MDV-D28G/N1-E1) |  |  |  |  |
| 10 | MDV indoor unit motor (MDV-D28G/N1-E1) (with fan blade) |  |  |  |
| 11 | MDV indoor unit motor (MDV-D36G/N1-E1) |  |  |  |
| 12 | MDV indoor unit motor (MDV-D56G/N1-E1) (with blower) |  |  |  |
| 13 | MDV indoor unit sensor set (MDV-D112DL/N1) |  |  |  |
| 14 | MDV indoor unit Motor set (MDV-D112DL/N1) (with blower) |  |  |  |
| 15 | MDV indoor unit swing motor (MDV-D112DL/N1)  |  |  |  |
| 16 | MDV indoor unit motor (MDV-D140DL/N1) (with blower) |  |  |  |
| 17 | MDV indoor unit sensor set (MDV-D36Q 4/BN1) |  |  |  |
| 18 | MDV indoor Motor (MDV-D36Q 4/BN1) (with blower) |  |  |  |
| 19 | MDV indoor Swing motor (MDVD36Q 4/BN1) |  |  |  |
| 20 | MDV indoor Motor (MDV-D56Q 4/BN1) (with blower) |  |  |  |
| 21 | MDV indoor Motor (MDV-D71Q 4/BN1) (with blower) |  |  |  |
| 22 | MDV indoor motor (MDV-D112Q 4/BN1) (with blower) |  |  |  |
| 23 | MDV indoor sensor set (MDV-D71T2/N1-A3) |  |  |  |
| 24 | MDV indoor Motor (MDV-D71T2/N1-A3) (with blower) |  |  |  |
| 25 | MDV indoor swing motor (MDV-D71T2/N1-A3) |  |  |  |
| 26 | MDV indoor Motor (MDV-D112T2/N1-B)(with blower) |  |  |  |
| 27 | Midea indoor water pump (MDV-D71Q4/N1) |  |  |  |  |
| 28 | Midea indoor EXV coil (MDV-D71T2/N1-A3) |  |  |  |
| **S.N** | **Detail of Specifications** | **Brand Offered** | **Compliance** | **Non-compliance** | **Higher Specs****If any** |
| **Split ACs Items** |  |  |  |  |
| 1 | AC compressor 1ton (Mitsubishi) or equivalent |  |  |  |
| 2 | 1.5 Ton compressor (Mitsubishi) or equivalent |  |  |  |
| 3 | 2 Ton Compressor (Mitsubishi) or equivalent |  |  |  |
| 4 | Compressor thimble 6mm |  |  |  |
| 5 | Capacitor 50uf (Amber) |  |  |  |
| 6 | Capacitor 40uf (Amber) |  |  |  |
| 7 | Split Ac Haier Out door motor (02 Ton)  |  |  |  |
| 8 | Split Ac Haier in door motor DC (02 Ton)  |  |  |  |
| 9 | Split Ac universal remote Control (Expert)  |  |  |  |
| 10 | AC drain pipe Plastic ½”  |  |  |  |
| 11 | Capacitor 60uf  |  |  |  |
| 12 | R-22 Gauge (Expert) (Mani-fold Low-250 psi to High-500 psi) |  |  |  |
| 13 | Flair nut ½” (brass) |  |  |  |
| 14 | Flair nut ¼” (brass) |  |  |  |
| 15 | Flair nut 5/8” (brass) |  |  |  |
| 16 | Flair nut 3/8” (brass) |  |  |  |
| 17 | Brass union ½” (brass) |  |  |  |
| 18 | Brass union ¼”(brass) |  |  |  |
| 19 | Brass union 3/8” (brass) |  |  |  |
| 20 | Brass union 5/8” (brass) |  |  |  |
| 21 | Acson 1.5-ton Indoor sensor Set |  |  |  |  |
| 22 | Acson 1.5-ton Outdoor sensor Set |  |  |  |
| 23 | Haier 1.5 Ton Indoor Sensor Set |  |  |  |
| 24 | Haier 1.5 Ton Outdoor Sensor Set |  |  |  |
| 25 | 1.5-ton Haier-indoor PCB card (Heat & cool) |  |  |  |
| 26 | 2-ton Haier indoor PCB card (Heat & cool) |  |  |  |
| 27 | 1.5-ton Acson indoor PCB card (Heat & cool) |  |  |  |
| 28 | 2-ton Acson indoor PCB card (Heat & cool) |  |  |  |
| 29 | 2-ton Acson floor standing indoor PCB card (cool only) |  |  |  |
| 30 | 2-ton Acson floor standing indoor PCB card (heat & cool) |  |  |  |
| 31 | 4-ton Acson floor standing indoor PCB card (heat & cool ) |  |  |  |
| 32 | R-32 gas cylinder |  |  |  |
| **Water Cooler items** |  |  |  |
| S.N | Detail of Specifications | Brand Offered | Compliance | Non-compliance | Higher Specs |
| 1 | R-134 gas cylinder (Honeywell) USA |  |  |  |  |
| 2 | Compressor ¼ (Denfos) |  |  |  |
| 3 | Compressor 1/10 (Danfoss) |  |  |  |
| 4 | Compressor 1/3 Danfoss  |  |  |  |
| 5 | Over load relay (water cooler) |  |  |  |
| 6 | Water cooler condenser motor (10Watt) |  |  |  |
| 7 | Electric relay (Double point) |  |  |  |
| 8 | Water cooler tank (45 liter with copper pipe and thermo pole insulation) |  |  |  |
| 9 | Compressor 1/6 (Danfoss)  |  |  |  |
| 10 | Water cooler taps 1/2 (stainless Steel) |  |  |  |
| 11 | Capacitor 80/110 uf (ambar) |  |  |  |
| 12 | Capacitor 3.5 uf (ambar) |  |  |  |
| 13 | Capacitor 2 uf (ambar) |  |  |  |
| 14 | Copper strainer 15 gram  |  |  |  |
| 15 | Copper strainer 20 gram  |  |  |  |
| 16 | Water cooler condenser 1/3”  |  |  |  |
| 17 | Thermostat 2 pin (VC1) |  |  |  |
| S.N | Detail of Specifications | Brand Offered | Compliance | Non-compliance | Higher Specs |
| **General items** |
| 1 | Wire 110/76 3core (Copper) |  |  |  |  |
| 2 | Silicon Gemsa (jumbo) size  |  |  |  |
| 3 | Ducting tap (Aluminum) |  |  |  |
| 4 | Copper rod (Henry) USA  |  |  |  |
| 5 | Rawal bolt 3/8 |  |  |  |
| 6 | WD 40 (250ml) |  |  |  |
| 7 | U PVC solution (500 Grm) |  |  |  |
| 8 | Cable tie 8” |  |  |  |
| 9 | Plastic pipe ¾” (Steel ring) |  |  |  |
| 10 | Plastic pipe 1” (Steel ring) |  |  |  |
| 11 | UPVC Elbow ¾” |  |  |  |
| 12 | UPVC Socket ¾” |  |  |  |
| 13 | UPVC Tee ¾” |  |  |  |
| 14 | UPVC Elbow 1” |  |  |  |
| 15 | UPVC Socket 1” |  |  |  |
| 16 | UPVC Tee 1” |  |  |  |
| 17 | Magic depoxi (Large) |  |  |  |
| 18 | wrapping tape  |  |  |  |
| 19 | Aluminum tape 2”  |  |  |  |
| 20 | Screw 1 ½” |  |  |  |
| 21 | Rawal plug 10 No |  |  |  |
| 22 | UPVC Elbow 1 ½” |  |  |  |
| 23 | UPVC socket 1 ½” |  |  |  |
| 24 | UPVC tee 1 ½” |  |  |  |
| 25 | UPVC elbow 2” |  |  |  |
| 26 | UPVC socket 2” |  |  |  |
| 27 | UPVC Tee 2” |  |  |  |
| 28 | Clamp meter (ut230) |  |  |  |
| 29 | Brass rod |  |  |  |
| 30 | ¼ Charging line (Copper) |  |  |  |
| 31 | SS valve ¼ (pin valve) |  |  |  |
| 32 | Flex powder  |  |  |  |
| 33 | Umbrella (Big-size) (for work in rain) |  |  |  |
| 34 | Rain Coat (for work in rain) |  |  |  |
| 35 | Ring Pipe GI 3/4 |  |  |  |
| 36 | Screw Driver Set (Ribbicon) or equivalent  |  |  |  |
| 37 | Screw Wrench 12” (Denfose) or equivalent |  |  |  |
| 38 | Screw Wrench 10” (Denfose) or equivalent |  |  |  |
| 39 | Screw Wrench 08”(Denfose) or equivalent |  |  |  |
| 40 | Plier (Tera) or equivalent |  |  |  |
| 41 | Cutter Plier (Tera) or equivalent |  |  |  |
| 42 | Nose Plier (Tera) or equivalent |  |  |  |
| 43 | Alien Key Set (Imported) or equivalent |  |  |  |  |
| 44 | Goti Set (Imported) or equivalent |  |  |  |
| 45 | Tool kit with bags |  |  |  |
| 46 | Emergency light (chargeable) |  |  |  |
| 47 | Head Cap light |  |  |  |
| 48 | Welding torch (Star nozzle) |  |  |  |
| 49 | Plastic Brush (small handle) |  |  |  |
| 50 | Duster cloth  |  |  |  |
| 51 | Water pump bottle |  |  |  |
| 52 | Medical face mask |  |  |  |
| 53 | Vim liquid bottle (large) |  |  |  |
| 54 | Plastic garden pipe 3/4 |  |  |  |
| 55 | Screw driver set (Rubicon) or equivalent |  |  |  |
| 56 | R-410 gas (Honeywell) USA |  |  |  |
| 57 | Solenoid valve (6-watt 220 v) |  |  |  |
| 58 | Communication wire 40/76 (3 core shielded) as per sample |  |  |  |
| 59 | R-410 gauge (Mani-fold Low-500 psi to High-800 psi) |  |  |  |
| 60 | Solenoid electric coil (12-watt 220 v)  |  |  |  |
| 61 | Copper pipe 5/8 22Swg (local) |  |  |  |
| 62 | Copper pipe 3/8 22Swg (Local) |  |  |  |
| 63 | Copper pipe ½ local (22Swg) |  |  |  |
| 64 | Aero Flex Sleeves 5/8  |  |  |  |
| 65 | Aero Flex Sleeves 7/8  |  |  |  |
| 66 | R-22 Gas (Honeywell) USA  |  |  |  |
| 67 | Copper pipe ¼ local (22Swg)  |  |  |  |
| 68 | Ceramic fuse 2-amp |  |  |  |
| 69 | Ceramic fuse 3-amp |  |  |  |
| 70 | Ceramic fuse 5-amp |  |  |  |  |

**Bid Valid as per given in the terms & conditions.**

|  |  |
| --- | --- |
| **Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |  |
| **Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_****\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |  |
| **Contact Information: \_\_\_\_\_\_\_\_\_\_\_\_\_\_** |  |
| **Official Stamp: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |  |

**Check List** *(To be filled by Bidder)*

Please submit your proposal in the order as below with

**proper separators/Proper Binding/Plastic Cover/Staple**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Detail** | **Status** | **Bid Envelope** | **Yes****🗸** | **No****🗴** |
| 1. **ALL Pages signed and Stamped by Bidder**
 | **Mandatory** |  |  |  |
| 1. Draft of Earnest Money
 | **Financial** |  |  |
| 1. Bid (Form 1)
 |  |  |
| 1. Declaration Form (Form 2)
 | **Technical** |  |  |
| 1. GST and NTN Registered
 |  |  |
| 1. Active Tax Payer List (ATL) of FBR
 |  |  |
| 1. Warranty/Guarantee Terms
 |  |  |
| 1. Technical Compliance Sheet( From-3)
 |  |  |
| 1. Proof of Non-Blacklisting:
 |  |  |

**For queries and further clarification, you may**

* write to us on fawadhashmi@comsats.edu.pk
* Visit us at 2nd Floor, Faculty Block-II, CUI, Islamabad
* Call us at 051-9049-5122 / 051-9049-5154