

TECHNICAL DATA TO BE FURNISHED WITH TENDER

Contractor should furnish technical data of the equipment and accessories offered by him as per the scheme and bill of quantities.

<u>DUCTABLE UNITS</u>	
Make	
Model	
Capacity (TR)	
Actual Capacity at design Conditions (TR)	
Refrigerant evaporating temp in Fahrenheit	
1.1 <u>COMPRESSORS</u>	
Make	
Model	
Compressor type	
Speed (Operating) (RPM)	
Speed (Maximum) (RPM)	
Capacity at 44° F	
Suction and 130°F	
Condensation at specified operating speed (TR)	
Design suction temp. (Deg. F)	
Capacity at design temp. (TR)	
BHP consumed at operating conditions	
Refrigerant used	
Number of compressors	
1.2 <u>COMPRESSOR - MOTOR</u>	
Manufacturer	
Type of motor	
Rated output (HP)	
Starting current Amps.	
Performance characteristics	
c) Permitted No of Starts per Hour	
d) Type of Cooling	
No. of motors (No.)	
1.3 <u>STARTER FOR COMPRESOR MOTOR</u>	
Manufacturer	
Type of starter	
Max starting current	
Motor protection incorporated	
1.4 <u>CONDENSER</u>	
Manufacturer	
Condenser face area (mm)	
Thickness of tubes (mm)	
Material of tubes	
Dia. of tubes (mm)	
Fin material	
Fin thickness	
No. of fins/inch	

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	Tube surface area (refrigerant side) (Sq. ft)	
	Fin surface area (air side) (Sq. ft)	
	No. of rows (No.)	
	Pressure drop (Ft)	
	No. of condensers (each unit) (No.)	
	No of circuits (No.)	
1.5	<u>CONDENSER FANS</u>	
	Manufacturer	
	Air Quantity (CFM)	
	Motor rating (IKW/BKW)	
	Fan dia. (mm)	
	No. of Fans (Nos)	
	Fan material	
	Noise Level (DB)	
	No. of blades (Nos)	
1.6	<u>EVAPORATOR</u>	
	Manufacturer	
	Model No.	
	Evaporator face area (mm)	
	Thickness of tubes (mm)	
	Material of tubes	
	Dia. of tubes (mm)	
	Fin material	
	Fin thickness	
	No. of fins/inch	
	Tube surface area (refrigerant side) (Sq. ft)	
	Fin surface area (air side) (Sq. ft)	
	No. of rows (No.)	
	Pressure drop (Ft)	
	No. of Evaporators (each unit) (No.)	
	No of circuits (No.)	
1.7	<u>EVAPORATOR FANS</u>	
	Manufacturer	
	Air Quantity (CFM)	
	Motor rating (IKW/BKW)	
	Fan dia. (mm)	
	No. of Fans (Nos)	
	Fan material	
	Motor RPM	
	Noise Level (DB)	
1.8	<u>REFRIGERANT PIPING</u>	
	Material for pipes	
	Thickness of pipe (mm)	
	Material of fittings	
	Make of expansion valve if provided	

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1.9	<u>GENERAL</u>	
	Over all Dimension (M)	
	Length (mm)	
	Width (mm)	
	Height (mm)	
	Operating Weight (Kg)	
	Service Clearance Required (mm)	
	Noise Level of one Machine (db)	
	Noise Level (All Machine Working)	
	With Acoustical enclosure (db)	
	With out Acoustical enclosure (db)	
	Acoustical Enclosure (Give details)	
2.0	<u>INSULATION</u>	
	Manufacturer	
	Materials	
	Density	
	Mean 'K' value at 50 deg C	
3.0	<u>THERMOSTATS</u>	
	Manufacturer/Model	
	Type (Snap acting, etc..)	
	Electrical Characteristics	
	Range	
	Differential/throttling range	
4.0	<u>FILTERS</u>	
	Manufacturer & Model	
	Air Quantity (CFM)	
	Filter material	
	Filter Area (Sq.Mt.)	
	No. of pleats (No.)	
	Flange material & thickness	
	Filtration level	
	Initial & Final pressure drop (mm)	
	Filters dimensions	
	Efficiency	
5.0	<u>DAMPERS (Make, Material & Gauge)</u>	
	Fire Dampers	
	Volume Control Dampers	
6.0	<u>GRILLES/DIFFUSERS (Make, Material & Gauge)</u>	
	Louvers	
	Grill's	
	Diffusers	

Signature of the Contractor

DETAILS OF THE BIDDER:

1.	Full name of the Agency	
2.	Complete Address	
3.	Name of Proprietor / Partners / Directors	
4.	Contact Number	Office : Residence
5.	Commercial Registration Number (enclose proof)	
6.	PAN Number, (attach copy of PAN Card)	
7.	GST Number (enclose a copy)	
8.	Turn Over of last 3 financial years i.e., FY 2016-17, FY 2015-16 & FY 2014-15 (enclose CA certificates)	
9.	Bank Account Details	
10.	Manufacturer / Dealer of which Brand of AC	

Declaration:

I/We hereby declare the I/We have read & understood all the terms & conditions mentioned in the Tender inviting letter and I/We undertake myself/ourselves to abide by them. I/We further, declare that all the information given above is true.

I further declare that my/our Firm has never been blacklisted / debarred by any department of Central / State Government/ PSU in last 5years.

Enclosures with technical bid:

- a) *A Power of Attorney duly notarised by the Notary Public, indicating that the person(s) signing the bid has the authority to sign the bid and that the bid is binding upon the Bidder during the full period of its validity.*
- b) *CA certificate in support of last three years turnover.*
- c) *Copy of valid GST.*
- d) *Copy of PAN card.*

Signature of the Contractor

e) *Document showing OEM status of the Bidder, or their authorized dealer.*

f) *Completion certificates of works. The completion certificate should be signed by an officer not below the rank of the officer who signed the award letter.*

(Signature of Bidder)

Place :

Name

Date:

Signature of the Contractor