



Kerala State Homoeopathic Co-Operative Pharmacy Ltd.

(sponsored by government of Kerala & aided by govt. of India)

Office: Pathirappally, Alappuzha, Kerala, India - 688 521

Phone : 0477 2258012

:0477 2258665

Fax : 0477 2258012

Website : www.homcokerala.com

Email : homcokerala@gmail.com

Supplier's Copy

USER REQUIREMENT SPECIFICATION

Name of the Company	:	
Contact Person	:	
Address	:	
Contact Details	:	
Department	:	Store and office
Equipment and Code No.	:	1) Split Air conditioner
Name of work	:	Supply and Installation of Split AC at M/s. HOMCO – Kerala.
Ref. No.	:	
Date	:	
Enclosures	:	
Qty.	:	Split AC – quantity as per below table



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1.0 : LIST OF SPLIT AC REQUIREMENT

S No	Equipment Name	Capacity	Quantity	Area
1.1	Split AC	1 ton	1	OOS-1
1.2	Split AC	2 Ton	2	Unloading
		1 ton	1	
1.3	Split AC	1 ton	1	OOS-2
1.4	Split AC	1 ton	1	Return Goods
1.5	Split AC	2 ton	3	Control Sample
1.6	Split AC	2 Ton	1	Archive
1.7	Split AC	2 Ton	2	Herb store 2nd
		1 ton	2	
1.8	Split AC	2 Ton	2	Herb store service Floor
		1 ton	1	
1.9	Split AC	2 Ton	2	Workshop
1.10	Split AC	2 Ton	2	Pretreatment water system
1.11	Split AC	2 Ton	2	Purified water system
1.12	Split AC	2 Ton	3	Security office

2.0 : PROCESS REQUIREMENT DETAIL

To maintain the desire room temperature split AC is required in the areas, the above mentioned area are not installed with any VRF or AHU system.

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Hence New Split is required to maintain the area temperature as per the requirement for the comfort of product, human and systems.

3.0	:	DETAILS OF THE MACHINE
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(To be specified by the supplier, if any specification variation is required)

S No	Description	Requirement
3.1 Split Air Conditioner :		
3.1.1	Type	Split AC
3.1.2	Condenser tube	100% copper
3.1.3	Swinging	4 way swing
3.1.4	Star rating	3 star and above
3.1.5	Type	Invertor AC
3.1.6	Preferred make	Blue star / Voltas / Daikin / Mitsubishi
3.1.7	Capacity	As per above table
3.1.8	Additional Stabilizer	Require for individual unit
3.1.9	Preferred make	V guard / Voltas
3.1.10	Refrigerant	Eco friendly as per government standard
3.2 Additional requirement : (for long distance installation areas)		
3.2.1	Copper tube	40 meters
3.2.2	Insulation material	40 meters
3.2.3	Drain pipe with fittings	60 meters
3.2.4	Outdoor unit stand with fitting accessories	26



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4.0 : OPERATIONAL & CONTROL FEATURES

S No	Description	Requirement
4.1	Split AC	TURBO COOL ENERGY SAVER
		Individual remote controller need to be provided for all AC's with required batteries

* To be specified and confirm by the supplier as per their equipment design

5.0 : SAFETY

(To be specified by the supplier, if any variation)

S No	Description	Requirement
5.1 Finishing		
5.1.1	Fins	Anti-corrosive condenser fins for protection

* To be specified and confirm by the supplier as per their equipment design

6.0 : MISCELLANEOUS

DESCRIPTION

(To be specified by the supplier, if any variation)

Miscellaneous:

- ❖ All required material supply and installation will be in the scope of vendor.
- ❖ Leakage check and gas charging will be in the scope of vendor.
- ❖ All necessary electrical cables need to be brought by vendor.

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7.0 : CLEANING TECHNIQUE

DESCRIPTION		
(To be specified by the supplier, if any variation)		
Mode of machine cleaning	:	*
Use of Lubricants	:	*
All contact parts should be easily dismantled and cleanable.		
Easy washing and cleaning facility should be available		
Drain points: Vendor should specify the pipe size and location of drain points if required as per their system's drain requirement with pipe /nozzle size, valve etc.*		

*** To be specified and confirm by the supplier as per their equipment design**

8.0 : MECHANICAL DETAILS

DESCRIPTION		
(To be specified by the supplier, if any variation)		
Dimension (In mm)	:	Should be limited below are equal to as per the annexure 1 drawing *
Net Weight (In Kgs.)	:	*
Type of Packing	:	*
Case Dimension (In mm)	:	*
Gross Weight (In Kgs.)	:	*



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Foundation details if required

:

*

*** To be specified and confirm by the supplier as per their equipment design**

9.0

: LIST OF ANCILLARY / ACCESSORIES / OPTIONAL ITEMS

DESCRIPTION

(To be specified by the supplier, if any variation)

Vendors should inform, provide details and consider scope of supply for the following:

- Recommended Spares part list
- Essential Spares (For 1 year)
- If any items required but not included in URS, to be mentioned and submitted with unit rate and quantity * (And it can be informed to client during pre-bid meeting or before POWO)
- Any other ancillary or accessories or optional items not mentioned above but required for successful operation should also to be informed in advance before POWO
- Any other ancillary, or accessories or optional items not mentioned also to be quoted
 - Details of Bought out components to be specified.

*** To be specified and confirm by the supplier as per their equipment design**

10.0

: TRAINING REQUIREMENT

- Training to all concern of M/s. HOMCO, Kerala for the Installation, Operation, Maintenance of Equipment provided by vendor and training record should be documented.
- Testing of control panel should be carried out in presence of customer/Client's representative at the place of manufacturer before delivery.
- Vendor shall support client in execution of all the Qualification Phases.



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11.0 : DOCUMENTATION

List of all Documents to be supplied along with equipment [AS APPLICABLE]

Sr. No.	Document to be supplied	Qty	Remarks
11.1	Test Certificates	2 sets	

12.0 : TERMS AND CONDITIONS

Delivery Period	:	*
Payment Terms	:	As mentioned in tender.
Packaging and Forwarding	:	By Vendor
Un-loading at site	:	By vendor Installation in position by the vendor under the client's supervision
Excise / Taxes /GST	:	*
Material for Trial arrangement	:	* (To be arranged by client)
Installation and Commissioning	:	By Vendor
Response to URS and submission of quotation	:	Within 2 week
Submission of detail functional design specification and schematic drawings	:	Within a week after order finalization
Drawings / diagrams	:	With equipment delivery
<i>Any other terms, not mentioned above, also to be specified.</i>		

*** To be specified by the supplier**



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13.0 : ABBREVIATION

13.1	URS	:	User Requirement Specification.
13.2	DQ	:	Design Qualification
13.3	SS	:	Stainless Steel
13.4	MOC	:	Material of Construction
13.5	cGMP	:	Current Goods Manufacturing Practices
13.6	O&M	:	Operation and Maintenance
13.7	GA	:	General Arrangement
13.8	SLD	:	Single Line Diagram
13.9	HOD	:	Head of Department
13.10	QA	:	Quality Analysis
13.11	MRP	:	Maximum Retail Price
13.12	NMT	:	Not more than
13.13	BPM	:	Bottles per minutes

Any other details, not mentioned in section 1.0 to 13.0, to be specified in the quotation/specification by the vendor.