



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 production
Equipment and Code No.	:	1) Compressed air filter with SS housing
Name of work	:	Supply and Installation of Compressed air filter with SS housing at M/s. HOMCO – Kerala.
Ref. No.	:	
Date	:	
Enclosures	:	
Qty.	:	Compressed air filter with SS housing – 12 no's





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LIST OF FILTER USER POINT

S No	User point location	Filter micron	Quantity
1.1	FBD	0.2 micron polypropylene (PP)	1
1.2	RMG		1
1.3	Compression I		1
1.4	Compression 2		1
1.5	Blister Packing		1
1.6	Bulk packing		1
1.7	Dispensing area		1
1.8	Sampling area		1
1.9	Ointment manufacturing		1
1.10	Ointment Filling		1
1.10	Titration		1
1.11	Inspection area		1
1.12	Blending		1

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PROCESS REQUIREMENT DETAIL

Filter with housing will be installed at the every user point as mentioned above to have a quality air as per the ISO 8573.



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DETAILS OF THE FILTER WITH HOUSING

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

S No	Description	Requirement
3.1 SS Housing :		
3.1.1	MOC	SS 304
3.1.2	Structure	As per the drawing Annexure I
3.1.3	Pipe end connection	½ inch thread type male end. Both side of in and out
3.1.4	Pressure monitoring	To monitor the pressure in the filter house , a pressure gauge need to be provided in the housing with range of 0 to 10.5 Kg/cm²
3.1.5		Pressure gauge body MOC : Stainless steel
3.1.6	Drain valve	Drain valve need to provide in the housing
3.1.7	Filter housing need to be able to remove with TC clamp system, required food grade gaskets need to be provided.	
3.1.8	Filter slot need to provide as per the filter provided	
3.1.9	Filter out end need to be provided with 8 mm PU tube connector fitting.	
3.2 Filter :		
3.2.1	Micron size	0.2 micron
3.2.2	Filter MOC	polypropylene (PP)
3.2.3	Filter length	6 inch (Housing should be suitable for 6 inch filter)
3.2.4	Seal	Proper food grade seal need to be provided to avoid air leakage.



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4.0 : OPERATIONAL & CONTROL FEATURES

S No	Description	Requirement
4.1	Pressure gauge	Pressure gauge need to be provided

* 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	Finishing	Finishing should be smooth mirror finish without burrs

* 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.

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



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7.0 : CLEANING TECHNIQUE

DESCRIPTION		
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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.)	:	*
Foundation details if required	:	*

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



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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 PO/WO)
- 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	Filter test certificate	2 sets	
11.2	Housing MOC certificate	2 sets	
11.3	Pressure gauge calibration certificate	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
Any other terms, not mentioned above, also to be specified.		

* 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.

Annexure I

