



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	:	Production & Store
Equipment and Code No.	:	ULV Fogger with rotation table
Name of work	:	Supply, installation of ULV Fogger with 360 ° rotation table at M/s. HOMCO – Kerala at all Production areas
Ref. No.	:	
Date	:	
Enclosures	:	
Qty.	:	2 No.



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FOGGER MACHINE

1.0 : LIST OF EQUIPMENT'S

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

S No	Equipment Name	Capacity	Requirement
1	ULV Fogger	Minimum 4 to 5 liter chemical tank capacity	Used for disinfection and fumigation.

2.0 : PROCESS REQUIREMENT DETAIL

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

Used for disinfection and fumigation in production areas.

3.0 : DETAILS OF THE MACHINE

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

S No	Description	Requirement
3.1: ULV Fogger		
Fogger Machine Specification		
3.1.01	Tank Capacity	Minimum 4 to 5 liter chemical tank capacity
3.1.02	MOC of Tank , flow control and nozzle spray	SS 316
3.1.03	Liquid Flow rate	1 to 4 liters per hour
3.1.04	Power Supply	230V AC , 50Hz single Phase
3.1.05	Power Consumption	550 watts (maximum)
3.1.06	Timer	Mechanical/ Digital , 0 to 60 minutes
3.1.07	Particle Size	Adjustable 7 to 30 microns



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S No	Description	Requirement
3.1.08	Filter	Air-Filter Triple Stage With Hose Clamp
3.1.09	Motor RPM	Greater than 20,000 RPM
3.1.10	Noise Level	< 80 db @ 1 Meter
3.1.11	Particle Size	Uniform Sub-Micron
3.1.12	Delay time	Fogger should be with Delay time to start to avoid human interface.
3.2 : 360 degree Rotation table		
3.2.01	Rotation	360° Rotation
3.2.02	MOC	SS 304
3.2.02	Rotation table	With power socket suitable for fogger machine.
3.3 : Chemical		
3.3.01	Chemical	Disintegration fogging liquid
3.3.02	Major chemical component	Hydrogen peroxide
3.3.03	Approval	FDA and WHO approved chemical composition
3.3.04	Quantity required	30 liters

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



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4.0 : SAFETY

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

S No	Description	Requirement
4.1	Finishing	No sharp edges
4.2	Electrical Safety	The unit shall Connected through ELCB
4.3	Chemical Safety	Use only non-flammable approved disinfectant.

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

5.0 : MISCELLANEOUS

DESCRIPTION

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

Miscellaneous:

- ❖ MOC certificate need to be provided. *

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6.0 : 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**

7.0 : MECHANICAL DETAILS

DESCRIPTION		
(To be specified by the supplier, if any variation)		
Dimension (In mm)	:	
Net Weight (In Kgs.)	:	*
Type of Packing	:	*
Case Dimension (In mm)	:	*
Gross Weight (In Kgs.)	:	*
Foundation details if required	:	*

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8.0 : 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 PO/WO
- 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**

9.0 : TRAINING REQUIREMENT

- Training to all concern of M/s. HOMCO, Kerala for the Installation, Operation, Maintenance of Y Chute 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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10.0 : DOCUMENTATION

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

Sr. No.	Document to be supplied	Qty	Remarks
10.1	All engineering drawings (GA drawings)	2 sets	
10.2	Warranty / Guarantee	2 sets	
10.3	Pre installation requirements	2 sets	
10.4	Installation requirements IQ & OQ documents	2 sets	
10.5	Test Certificates of all material of construction	2 sets	
10.6	Chemical MSDS certificate	2 sets	



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11.0 : 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
Submission of IQ AND OQ documents	:	With equipment delivery
Drawings / diagrams	:	With equipment delivery
Catalogue, Equipment drawing, List of clients and year of establishment to be submitted alongwith quotation.		
<i>Any other terms, not mentioned above, also to be specified.</i>		

*** To be specified by the supplier**



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12.0 : ABBREVIATION

12.1	URS	:	User Requirement Specification.
12.2	DQ	:	Design Qualification
12.3	SS	:	Stainless Steel
12.4	MOC	:	Material of Construction
12.5	cGMP	:	Current Goods Manufacturing Practices
12.6	O&M	:	Operation and Maintenance
12.7	GA	:	General Arrangement
12.8	SLD	:	Single Line Diagram
12.9	HOD	:	Head of Department
12.10	QA	:	Quality Analysis
12.11	MRP	:	Maximum Retail Price
12.12	NMT	:	Not more than
12.13	BPM	:	Bottles per minutes

Any other details, not mentioned in section 1.0 to 12.0, to be specified in the quotation/specification by the vendor.