



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 – Second Floor
Equipment and Code No.	:	1) Supply, installation and validation of Percolation vessel & Mother tincture collection vessel.
Name of work	:	Supply, Installation, Commissioning & validation of Percolation vessel & Mother tincture collection vessel at M/s. HOMCO –Kerala at Second floor production area.
Ref. No.	:	
Date	:	
Enclosures	:	
Qty.	:	1 Nos.



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List of Vessel's & SS item

S No	Vessel Name	Storage Capacity	Gross Capacity	Quantity Required
1.1	Percolation Vessel	100 liters	130 liters	15 no's
1.2	Percolation Vessel	50 liters	70 liters	10 no's
1.3	Mother tincture collection vessel	50 liters	55 liters	25 no's
1.4	Mother tincture collection vessel	100 liters	105 liters	35 no's

Note: Kindly find the attached Vessel drawing (Annexure – I, Annexure – II, Annexure – III & Annexure-IV).

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PROCESS REQUIREMENT DETAIL

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

Definition: Percolation is a process of softening and breaking down plant or animal material by soaking it in a liquid solvent at room temperature for an extended period to extract soluble compounds, soften tissues, or blend flavors.

Above mentioned vessels are required for Percolation process of the herbs with the alcohol.

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DESIGN REQUIREMENT DETAIL

Design requirement need to be as per the Vessel drawing

Annexure – I - 100 liter Percolation vessel

Annexure – II - 50 liter Percolation vessel

Annexure – III - 50 liter Mother tincture collection vessel

Annexure – IV – 100 liters Mother tincture collection vessel.



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4.0	:	DETAILS of specification
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(To be specified by the supplier, if any specification variation is required)

S No	Description	Requirement
4.1 Percolation vessel (100 & 50 liters):		
4.1.1	MOC	Product Contact parts : SS 316
		Product Non-Contact parts : SS 304
4.1.2	Number of legs	4 no's in each vessel
4.1.3	Wheel	MOC : PU caster wheel *
		2 no of wheels with brake and 2 no of wheels without brake
4.1.4	Label Pocket	Label Pocket need to be provided.
4.1.5	Lid	Lid with lockable system need to be provided
		Handle need to be provided for the lid
4.1.6	Finishing	Inner part : mirror finishing Outer part : Matte finishing
4.1.7	Vessel Thickness	2 mm
4.2 50 liters Mother tincture collection vessel :		
4.2.1	MOC	Product Contact parts : SS 316
		Product Non-Contact parts : SS 304
4.2.3	Label Pocket	Label Pocket need to be provided.
4.2.4	Finishing	Inner part : mirror finishing Outer part : Matte finishing
4.2.5	Lid	Lid with lockable system need to be provided
		Handle need to be provided for the lid



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		Half inch hole required at the middle of the lid for tube insertion
4.2.6	Stand	Removable and stand for each vessels required.
		Wheel : MOC : PU caster wheel *
4.2.7	Tank thickness	2 mm

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

5.0 : Safety DETAILS

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

S No	Description	Requirement
5.1 Controls and safety :		
5.1.1	Wheel Brake	Two leg wheel should be provided with heavy duty brake system.
5.1.2	Finishing	Finishing should be smooth
5.1.3	Vessel requirement	Vessel should be rotatable and should be able to remove from the stand.
Any other detail not mentioned above, but required also to be informed & included in the scope of supply by the vendor. *		

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

DESCRIPTION
(To be specified by the supplier, if any variation)
Miscellaneous:
<ul style="list-style-type: none"> ❖ All the Component Makes should match the Approved Makes list provided. * ❖ Any deviation from this should be documented and communicated to HOMCO for approval before submitting tenders. * ❖ All MOC certificated need to be provided. * ❖ All required spare kit need to be provided along with the supply.



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6.0 : UTILITY REQUIREMENT

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

S No	Description	Requirement
6.1	Water	*
6.2	Compressed Air	*
6.3	Oil	*
6.4	Any other	*

Note: All necessary and required utilities with any filters along with required housing and accessories should be provided by vendor.

* To be specified and confirm by the supplier as per their equipment's design requirement with pressure and flow rate along with any valve, pipe / nozzles size required alongwith scope of supply.



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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.)	:	*
Foundation details if required	:	*

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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 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 bulk packing machine 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	Design qualification	2 sets	
11.2	SAT/FAT procedures	2 sets	
11.3	Operation manual	2 sets	
11.4	Maintenance manual	2 sets	
11.5	Spare parts manual	2 sets	
11.6	All engineering drawings (GA drawings)	2 sets	
11.7	Warranty / Guarantee	2 sets	
11.8	List of all components with referencing	2 sets	
11.9	Pre installation requirements	2 sets	
11.10	Installation requirements	2 sets	
11.11	Installation manual	2 sets	
11.12	Technical literature, data sheets and equipment catalogues	2 sets	
11.13	DQ, IQ documents.	2 sets	
11.14	Test Certificates of all material of construction	2 sets	



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TERMS AND CONDITIONS

Delivery Period	:	*
Payment Terms	:	As mentioned in tender.
Packaging and Forwarding	:	By Vendor
Un-loading at site	:	By vendor /Supplier (If required, help for the arrangements of unloading can be done by client) 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 FAT / SAT specification	:	2 weeks before FAT
Submission of IQ documents	:	With equipment delivery
Drawings / diagrams	:	With equipment delivery
The supplier should notify customer 2 weeks in advance of the beginning of FAT		
Catalogue, vessel 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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13.0 : ABBREVIATION

13.1	URS	:	User Requirement Specification.
13.2	DQ	:	Design Qualification
13.3	IQ	:	Installation Qualification
13.4	OQ	:	Operational Qualification
13.5	PQ	:	Performance Qualification
13.6	SS	:	Stainless Steel
13.7	RHS	:	Right Hand Side
13.8	MOC	:	Material of Construction
13.9	FLP	:	Flame Proof
13.10	cGMP	:	Current Goods Manufacturing Practices
13.11	O&M	:	Operation and Maintenance
13.12	GA	:	General Arrangement
13.13	SLD	:	Single Line Diagram
13.14	HOD	:	Head of Department
13.15	QA	:	Quality Analysis
13.16	MRP	:	Maximum Retail Price
13.17	NMT	:	Not more than

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