



**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 : 477 2258012  
:477 2258665  
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Website : [www.homcokerala.com](http://www.homcokerala.com)

Email : [homcokerala@gmail.com](mailto:homcokerala@gmail.com)

Supplier's Copy

## USER REQUIREMENT SPECIFICATION

<b>Name of the Company</b>	:	
<b>Contact Person</b>	:	
<b>Address</b>	:	
<b>Contact Details</b>	:	
<b>Department</b>	:	Production (Dilution section) – Second Floor
<b>Equipment and Code No.</b>	:	1) Supply, installation and qualification of Succession machines.
<b>Name of work</b>	:	Supply, Installation, Commissioning & qualification of Succession machines at M/s. HOMCO –Kerala at Second floor production area, Dilution section.
<b>Ref. No.</b>	:	
<b>Date</b>	:	
<b>Enclosures</b>	:	
<b>Qty.</b>	:	2 No's



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**1.0 : LIST OF EQUIPMENT'S**

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

S No	Equipment Name	Capacity	Requirement
1.1	Succession machine	100 ml bottle	15 no's 100 ml bottle holder, two arm system.
1.2	Succession machine	500 ml bottle	5 no's 500 ml bottle holder, one arm system.

**2.0 : PROCESS REQUIREMENT DETAIL**

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

Succession is the core homeopathic process of vigorously shaking a diluted medicinal solution, typically against an elastic surface, to unlock its medicinal power ("potentization"). Following serial dilution (1:99), this action is believed to activate the substance, breaking molecular aggregates and enhancing healing properties, even when the original substance is diluted beyond detection.

We are in need of two machines one machine should have two arm system, each arm should hold 15 no's of 100 ml bottles , at a time 30 bottles need to be get shake , number shakes need to be set in the digital controller.

Second machine need to be with one arm, arm need have holder for 5 numbers 500 ml bottle.



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

S No	Description	Requirement	Vendor Comments
<b>3.1 100 ML succession machine :</b>			
3.1.1	Number of Arm	2 no's	
3.1.2	Head die for 100 ml glass bottle	15 bottles should be able to place in the each Arm head	
3.1.3	MOC	Entire parts exposed to outside need to be SS304 and arm all need to SS 304.	
3.1.4	Holder	Bottle holder need to be compatible with glass bottles, during succession bottles need to be holder properly with sponge system.	
3.1.5	Succession	Succession need to be done at the soft sponge coated over leather sheet.	
3.1.6	Bottom push	Bottom anti vibration pad and anti-slip pad or push need to be provided	
3.1.7	Stores required	1 to 100 stokes as per the set point	
3.1.8	Operating voltage	Single phase power supply	



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S No	Description	Requirement	Vendor Comments
<b>3.2 500 ML succession machine :</b>			
3.2.1	Number of Arm	1 no's	
3.2.2	Head die for 500 ml glass bottle	5 bottles should be able to place in the Arm head	
3.2.3	MOC	Entire parts exposed to outside need to be SS304 and arm all need to SS 304.	
3.2.4	Holder	Bottle holder need to be compatible with glass bottles, during succession bottles need to be holder properly with sponge system.	
3.2.5	Succession	Succession need to be done at the soft sponge coated over leather sheet.	
3.2.6	Bottom push	Bottom anti vibration pad and anti-slip pad or push need to be provided	
3.2.7	Stores required	1 to 100 stokes as per the set point	
3.2.8	Operating voltage	Single phase power supply	



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**4.0 : OPERATIONAL & CONTROL FEATURES**

S No	Description	Requirement	Vendor Comments
4.1	Controls	Digital control to set the stokes need to be provided	
4.2	Guarantees	The supplier should guarantee the following: <ul style="list-style-type: none"><li>• The machine should be guaranteed for trouble free operation for a period of 12 months from the date of successful commissioning of the unit.</li><li>• The supplier shall rectify, at their own expense, for any defects arising from defective materials or unsatisfactory performance of the Equipment, to the satisfaction of the purchaser.</li></ul>	



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### 5.0 : SAFETY & ELECTRICAL DETAILS

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

S No	Description	Requirement
<b>5.1 Controls and safety :</b>		
5.1.1	Emergency Switch	Emergency switch should be provided at the all machines control panel for operator ease access.*
<b>5.2 Electrical Panel :</b>		
5.2.1	Standard Operating Frequency	50 Hz
5.2.2	Standard Operating Voltage	230 / 415V *
5.2.3	Total power consumption	*
5.2.4	Motor Details with rpm	*
<p>Any other detail not mentioned above, but required also to be informed &amp; included in the scope of supply by the vendor.</p> <p>Client will provide &amp; connect the required cable in to vendor's panel only.</p> <p>From machine panel to machine and its other accessories and controls, to be supplied and connected by vendor at site.</p>		

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



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**DESCRIPTION**

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

**Miscellaneous:**

- ❖ 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 Calibration Certificates are to be produced during Installation of Machine, without which the Installation is deemed incomplete. All the Certificates should be Traceable to National / International Standards. \*
- ❖ The Validity of Calibration shall be minimum 9 months and maximum 12 months from the date of Installation. \*
- ❖ All the Signal Cables should be shielded to avoid interference. \*
- ❖ Complete Earthing of Equipment. \*
- ❖ Complete covering of Electrical Cables and Other Connections. \*
- ❖ All required spare kit need to be provided along with the supply.

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



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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) need to be quoted along with the machine.
- 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, and Maintenance of liquid filling 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	1 set	
11.2	SAT/FAT procedures	1 set	
11.3	Operation manual	1 set	
11.4	Maintenance manual	1 set	
11.5	Spare parts manual	1 set	
11.6	All engineering drawings (GA drawings)	1 set	
11.7	List of instruments	1 set	
11.8	Calibration certificates	1 set	
11.9	Warranty / Guarantee	1 set	
11.10	List of all components with referencing	1 set	
11.11	Civil foundation drawings- If required	1 set	
11.12	Pre installation requirements	1 set	
11.13	Installation requirements	1 set	
11.14	Installation manual	1 set	
11.15	Technical literature, data sheets and equipment catalogues	1 set	
11.16	DQ, IQ, OQ documents.	1 set	
11.17	Test Certificates of all material of construction	1 set	



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### 12.0 : TERMS AND CONDITIONS

Delivery Period	:	*
Payment Terms	:	As mentioned in tender.
Packaging and Forwarding	:	<b>By Vendor</b>
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 <b>supervision</b>
Excise / Taxes /GST	:	*
Material for Trial arrangement	:	* (To be arranged by client)
Installation and Commissioning	:	<b>By Vendor</b>
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 AND OQ documents	:	With equipment delivery
Drawings / diagrams	:	With equipment delivery
The supplier should notify customer 2 weeks in advance of the beginning of FAT		
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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### 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	KW	:	Kilo Watt
13.10	HP	:	Horse Power
13.11	RPM	:	Rotation Per Minute
13.12	FLP	:	Flame Proof
13.13	cGMP	:	Current Goods Manufacturing Practices
13.14	O&M	:	Operation and Maintenance
13.15	GA	:	General Arrangement
13.16	SLD	:	Single Line Diagram
13.17	HOD	:	Head of Department
13.18	QA	:	Quality Analysis
13.19	MRP	:	Maximum Retail Price
13.20	NMT	:	Not more than
13.21	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.**