

**Kerala State Homoeopathic Co-Operative Pharmacy Ltd.**

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

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

Phone : 0477 2258012

:0477 2258665

Fax : 0477 2258012

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 – Second Floor
<b>Equipment and Code No.</b>	:	1) Supply, installation of Y chute (powder feeding unit for Tablet compression machine) & SS trolley ladder.
<b>Name of work</b>	:	Supply, installation of Y chute (powder feeding unit for Tablet compression machine) MOC: SS316 & SS trolley ladder MOC: SS304 at M/s. HOMCO –Kerala at Second floor production area.
<b>Ref. No.</b>	:	
<b>Date</b>	:	
<b>Enclosures</b>	:	
<b>Qty.</b>	:	1) Y chute (MOC: 316) - 2 Nos. 2) SS Trolley ladder (MOC: 304) - 2 Nos.



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## Y CHUTE

### **1.0 : LIST OF EQUIPMENT'S**

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

S No	Equipment Name	Capacity	Requirement
1.1	Y chute - 1	As per drawing	Required for the EP 700 compression machine.
1.2	Y chute - 2	As per drawing	Required for the EP 400 compression machine.
1.3	SS Trolley ladder (MOC: 304)	As per dimension and drawing	Required for operating the bin valve which is connected to the Lifting and positioning device, when it is placed at the top of the compression machine.
1.4	SS Trolley ladder (MOC: 304)	As per dimension and drawing	Required for operating the bin valve which is connected to the Lifting and positioning device, when it is placed at the top of the compression machine.

**Note:** Kindly find the attached Annexure I for Y chute-1 and annexure II for Y chute-2.

### **2.0 : PROCESS REQUIREMENT DETAIL**

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

Facility is Equipped with two tablet compression machines; both the machines are double rotary type. As a double rotary machine tablet compression machine is having 2 hoppers system. Now we want to feed powder into the two hoppers evenly during operation.

After granulation activity granules will be shifted to the compression area in process bin, the bin will be lifted by the lifting and positioning device (LPD) above the compression machine. From the bin the powder need to be transferred to the 2 hoppers in the machine.

For this we are in need of the Y chute.

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Design requirement of Y chute needs to be as per the Annexure I & Annexure II and SS Trolley ladder as per the Annexure III.

**4.0****:****DETAILS OF THE MACHINE**

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

S No	Description	Requirement
<b>4.1 Y Chute – 1:</b>		
4.1.1	MOC	SS 316
4.1.2	Finishing	Mirror finishing
4.1.3	slope	The Y Chute should be made in slope format to ensure that powder will be freely flow into the hopper from the bin.
4.1.4	Bin to Y chute connection type	Tri clover type / Tri clover clamp needs to be supplied
4.1.5	Thickness	2 mm
<b>4.2 Y Chute – 1:</b>		
4.2.1	MOC	SS 316
4.2.2	Finishing	Mirror finishing
4.2.3	slope	The Y Chute should be made in slope format to ensure that powder will be freely flow into the hopper from the bin.
4.2.4	Bin to Y chute connection type	Tri clover type / Tri clover clamp needs to be supplied
4.2.5	Thickness	2 mm
<b>4.3 SS Trolley ladder:</b>		
4.3.1	Dimension	Height : 1880 mm x slope length : 1000 to 1300 mm x width : 800 mm
4.3.2	MOC	SS 304
4.3.3	Quantity required	2 no's



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### 5.0 : OPERATIONAL & CONTROL FEATURES

S No	Description	Requirement
5.1	Controls ( Y chute)	A support rod needs to be provided at the centre for continuous support, which need to be screwed in the top of compression machine top plate.
5.2	Controls ( ladder)	Required trolley wheel with locking system, wheel should be suitable to operate at Epoxy floor.

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

### 6.0 : SAFETY

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

S No	Description	Requirement
<b>6.1 Finishing</b>		
6.1.1	Finishing	No sharp edges, bur pieces should be available
6.1.2	Support	Support railing needs to be provided around the ladder for safety purpose.
6.1.3	Anti-slip	Steps should be anti-slip type

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

### 7.0 : MISCELLANEOUS

#### DESCRIPTION

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

#### Miscellaneous:

❖ MOC certificate need to be provided. \*

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### 8.0 : 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**

### 9.0 : 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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### 10.0 : 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**

### 11.0 : 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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### 12.0 : DOCUMENTATION

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

Sr. No.	Document to be supplied	Qty	Remarks
12.1	Design qualification	2 sets	
12.2	SAT/FAT procedures	2 sets	
12.3	All engineering drawings (GA drawings)	2 sets	
12.4	Warranty / Guarantee	2 sets	
12.5	Pre installation requirements	2 sets	
12.6	Installation requirements	2 sets	
12.7	Test Certificates of all material of construction	2 sets	



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## 13.0 : TERMS AND CONDITIONS

Delivery Period	:	*
Payment Terms	:	As mentioned in tender.
Packaging and Forwarding	:	<b>By Vendor</b>
Un-loading at site	:	By vendor  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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### 14.0 : ABBREVIATION

14.1	URS	:	User Requirement Specification.
14.2	DQ	:	Design Qualification
14.3	SS	:	Stainless Steel
14.4	MOC	:	Material of Construction
14.5	cGMP	:	Current Goods Manufacturing Practices
14.6	O&M	:	Operation and Maintenance
14.7	GA	:	General Arrangement
14.8	SLD	:	Single Line Diagram
14.9	HOD	:	Head of Department
14.10	QA	:	Quality Analysis
14.11	MRP	:	Maximum Retail Price
14.12	NMT	:	Not more than
14.13	BPM	:	Bottles per minutes

***Any other details, not mentioned in section 1.0 to 14.0, to be specified in the quotation/specification by the vendor.***