



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

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 department
Equipment and Code No.	:	1) Supply of Mechanical measurement instruments.
Name of work	:	Supply of Mechanical measurement instruments at M/s. HOMCO –Kerala.
Ref. No.	:	
Date	:	
Enclosures	:	
Qty.	:	<i>As per below tabulation</i>

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Website : www.homcokerala.comEmail : homcokerala@gmail.com**1.0 : LIST OF MECHANICAL MEASUREMENT INSTRUMENTS**

S No	Instrument Name	Range	Quantity
1.1	Gauge Block Set, Grade 1, 32 pcs.	1 mm to 50 mm	1
1.2	Thickness gage, 28 leaves	0.05 mm to 1 mm	1
1.3	Digital Micrometer	0 to 25 mm	2
1.4	Digital Vernier Caliper	0 to 150 mm	5
1.5	Data transfer cable	NA	7
1.6	Data Processing Printer	NA	5
1.7	Dial Indicator	0-10 mm	2

2.0 : PROCESS REQUIREMENT DETAIL

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

S No	Instrument Name	Required for
1.1	Gauge Block Set, Grade 1, 32 pcs.	For calibration of Vernier Caliper & hardness tester
1.2	Thickness gage, 28 leaves	General requirement for the production area
1.3	Digital Micrometer	Required for Tablet compression area
1.4	Digital Vernier Caliper	Required for Tablet compression area
1.5	Data transfer cable	Required for Tablet compression area
1.6	Data Processing Printer	Required for Tablet compression area
1.7	Dial Indicator	Required for Tablet compression area

3.0 : DESIGN REQUIREMENT DETAIL

Instrument design and construction should be as per the international standard.



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4.0

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DETAILS OF THE MACHINE

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

S No	Description	Requirement
4.1.1	Vernier caliper	Should be able to store and transfer data.
4.1.2	Printer	Printer should be provided with all accessories like power card , communication cable , paper roll etc .
4.1.3	Quantity requirement	As per the above table
4.1.4	Guarantees	The supplier should guarantee the following: <ul style="list-style-type: none"> The balances should be guaranteed for trouble free operation for a period of 12 months from the date of successful supply. The supplier shall rectify, at their own expense, for any defects arising from defective materials or unsatisfactory performance of the weight, to the satisfaction of the purchaser.*
4.1.5	Calibration certificate	Calibration certificate from Accredited NABL laboratory or RRSL need to be provided
4.1.6	Identification number	Unique identification number need to be engraved in the weights to shows its unique number.

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

5.0

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SAFETY & ELECTRICAL DETAILS

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

S No	Description	Requirement
5.1 safety :		
5.1.1	Safety	Matte / mirror finishing with smooth surface need to be provided.

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DESCRIPTION

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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 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 : 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)	:	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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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
- 2 years AMC quotation need to be provided with the balance.
- 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**

9.0 : TRAINING REQUIREMENT

- Training to all concern of M/s. HOMCO, Kerala for the Installation, Operation, and Maintenance of weights 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
12.1	Calibration certificates	2 sets	
12.2	Warranty / Guarantee	2 sets	
12.3	Pre installation requirements	2 sets	
12.4	Installation requirements	2 sets	
12.5	Test Certificates of all material of construction	2 sets	

11.0 : APPROVED MAKE

Approved Make: Mitutoyo, Baker.



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12.0 : 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
<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

14.1	URS	:	User Requirement Specification.
14.2	DQ	:	Design Qualification
14.3	IQ	:	Installation Qualification
14.4	OQ	:	Operational Qualification
14.5	PQ	:	Performance Qualification
14.6	SS	:	Stainless Steel
14.7	RHS	:	Right Hand Side
14.8	MOC	:	Material of Construction
14.9	KW	:	Kilo Watt
14.10	HP	:	Horse Power
14.11	RPM	:	Rotation Per Minute
14.12	FLP	:	Flame Proof
14.13	cGMP	:	Current Goods Manufacturing Practices
14.14	O&M	:	Operation and Maintenance
14.15	GA	:	General Arrangement
14.16	SLD	:	Single Line Diagram
14.17	HOD	:	Head of Department
14.18	QA	:	Quality Analysis
14.19	MRP	:	Maximum Retail Price
14.20	NMT	:	Not more than
14.21	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.