



ENQUIRY REF. No.	KAPL/CG/011/0234
DATE	07/05/2024
DUE DATE	14/05/2024 TILL: 13.00 HRS

Dear Sir,

Please submit your lowest and competitive offer in a SEALED ENVELOPE, DULY SUPERSCRIBING OUR ABOVE ENQUIRY REF. NO., DATE and DUE DATE on it/ OR MAIL, with other details of F.O.R terms, Taxes, Credit period, Delivery offered, Name of the Make, Detailed Specification etc., for below mentioned material/s

SL. NO.	ITEM CODE	ITEM DESCRIPTION	UOM	Q TY.
1	TNP1079	DEFOILING/DEBLISTERING MACHINE	NOS	02

**OTHER TERMS**

- |                                 |                             |
|---------------------------------|-----------------------------|
| 1. F.O.R TERMS                  | : DOOR DELIVERY             |
| 2. GST %                        | : PLEASE SPECIFY            |
| 3. PACKING & FORWARDING CHARGES | : NOT APPLICABLE            |
| 4. CREDIT PERIOD                | : 30 DAYS                   |
| 5. DELIVERY OFFERED             | :                           |
| 6. SPECIFICATONS                | : ATTACHED URS (FIVE PAGES) |

**PLEASE SUBMIT TECHNICAL BID & COMMERICAL BID SEPERATELY.**

- 1) Submit your quotation by Speed Post OR by courier.
- 2) Send your offer before the specified due date.
- 3) For any clarification, contact the undersigned.

**NOTE: IN CASE YOU ARE NOT QUOTING PLEASE SEND THE REGRET LETTER.**

Thanking you,

Yours faithfully,  
For KARNATAKA ANTIBIOTICS  
& PHARMACEUTICALS LIMITED

*YUVARAJA M*

**YUVARAJA M  
DEPUTY MANAGER PURCHASE DEPT**

User Requirement Specifications



Equipment/system DE BLISTERING MACHINE

Document# NP/URS/DBM

**USER  
REQUIREMENT  
SPECIFICATIONS  
FOR  
DE BLISTERING MACHINE**

Annexure List

Annex No.	Drawing / Document No.	Detail
1	Nil	Nil

# Karnataka Antibiotics & Pharmaceuticals Limited

## NON PARENTERAL DEPARTMENT

### User Requirement Specifications



Equipment/system DE BLISTERING MACHINE

Document# NP/URS/DBM

#### 2.0 PRODUCT / PROCESS REQUIREMENT:

##### 2.1 Name of the Equipment / System / Facility

De Blistering machine (GMP Model)

##### 2.2 Purpose of the equipment / system / facility

De blistering machines give you the opportunity to recover the products and save time replacing manual DE blistering.

##### 2.3 Reason of URS

New equipment required in manufacturing department.

##### 2.4 Quantity of equipment's required

1.0 No's

##### 2.5 Process description

Driven by an electric motor, tablets and capsules are pushed out of the blister pack by rollers and separated from the packaging.

##### 2.6 Any other specific requirement

- ◆ Emergency Stop Switch & Indicator.
- ◆ All contact parts made of SS 316L as per GMP standard.
- ◆ Machine is designed for continuous operation.
- ◆ All contact parts shall be easily and quickly dismantled and cleaned.
- ◆ Safe earthing system.

#### 3.0 TECHNICAL SPECIFICATIONS:

'Vendors should give comments or remarks against each point.'

Description	Specification	Vendors comment/remarks
01) Capacity	30 to 40 blisters per minute.	
02) Drive	Suitable for 1HP Motor	
03) Motor	1 HP	
04) Electrical services	415 V / 3 ph /50 Hz AC. Supply	
05) Blister packs and types	PVC and PVDC	
06) Base	Castor wheel mounted.	
07) Roller	Food grade rubber	



Equipment/system

DE BLISTERING MACHINE

Document #

NP/URS/DBM

**4.0 MATERIAL OF CONTRUCTION:**

**4.1 Material of construction**

- All Contact parts made of SS-316L.
- Noncontact external part should be SS-304.

**5.0 OPERATIONAL REQUIREMENTS:**

**5.1 Preferable method of cleaning**

Manually

**5.2 Recommended cleaning & / or sanitization agent and its chemical nature**

Dry & Wet Mopping with Purified Water/ Isopropyl Alcohol

**5.3 Available Utility**

- Both Single Phase & 3 Phase.

**6.0 SAFETY REQUIREMENTS:**

**6.1 Desired product / Process safety systems**

- Emergency stop

**7.0 SCOPE OF INSTALATION:**

- ◆ Training must be provided by the vendor, to the satisfaction of KAPL team.

**8.0 WARRANTY:**

- As per PO terms and conditions.

**9.0 DOCUMENTATION REQUIREMENTS:**

**9.1 Desired documents**

❖ Supplier Shall Provide The Following Documents In English Language. During installation.

- Instruction, Operation & Maintenance manuals,
- Electrical Termination layout,
- Electrical circuit diagram,
- G A diagram,
- Test Certificates Of Motor
- General arrangement (GA) drawing, MOC certificates,

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#### 10.0 DISCUSSION / REVIEW COMMENTS:

All the above features of the bought-out equipment should comply the URS as specified from point no. 2 to 8 in this document. If there is any changes /addition or deletion from URS it must be recorded and implication should be informed to user so that there should not be any problem during the installation and operation of the equipment. Vendor can suggest after review of URS any points of addition or deletion of equipment spares, design changes, new technologies or errors in URS if any, if these changes are acceptable to our technical team it can be incorporated in tender document. The revised URS will be sending to all the bidders.

#### 11.0 FLOW DIAGRAM:

NA

#### 12.0 SCOPE OF TRAINING:

- ◆ The vendor/supplier shall provide operator training at site at no extra cost. This shall include, but not limited to, making available the services of a qualified representative to train the operators
- ◆ The training of the personnel shall include a minimum of the following to the complete satisfaction of KAPL team:
  - ◆ Start-up and shut-down procedures
  - ◆ Typical operations
  - ◆ Emergency shutdown
  - ◆ Safety training
  - ◆ Troubleshooting procedure
- ◆ The vendor/supplier shall ensure that the operation manual is available at site for reference. The vendor/supplier shall issue certificates to the persons trained by them after successful completion of training at no extra cost.

#### 13.0 INSTALL AND COMMISIONING:

The vendor/supplier shall ensure the correct positioning of the de blistering machine to the satisfaction of KAPL and be responsible for the installation of the equipment. The vendor/supplier shall also be responsible for the re-assemble of section or components of the packaged equipment, if any, including wiring, instrumentation and other equipment and components shipped separately or in sections.

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#### 14.0 ANNEXURE:

NA

#### 15.0 REFERENCES:

In house

#### 16.0 ABBREVIATION:

Abbreviation	Expanded form
cGMP	Current Good Manufacturing Practices
MOC	Material of Construction
NA	Not Applicable
SS	Stainless Steel
URS	User Requirement Specification
Sr. No.	Serial Number

#### 17.0 GENERAL INSTRUCTION:

The vendor must provide the following documents along with tender document. Otherwise vendor will be disqualified.

- Details of clients where similar model is supplied.
- Work completion or equipment handover certificate.
- Minimum 5 years Experian's in the field. Evidence of first installation to be provided.

#### 18.0 OTHER INSTRUCTIONS:

- Vendor should start equipment manufacturing only after DQ approval.
- Vendor can visit the site if the URS not under stood or to check the space availability for equipment positioning before bidding.