



**KARNATAKA ANTIBIOTICS &  
PHARMACEUTICALS LIMITED**

(A Government of India Enterprise)

ENQUIRY REF. No.	KAPL/CG/011/2199
DATE	07.01.2025
DUE DATE	15/01/2025 (13.00HRS)

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	QTY.
01	TFD1008	DISINTEGRATION TEST APPRATUS	NOS	01

Please ensure that your offer reaches us on or before Due Date by courier OR Speed post or By hand in sealed cover only to below office address:

M/s. Karnataka Antibiotics and Pharmaceuticals Limited Plot No.37, Arka The Business Centre ,NTTF Main Road, Peenya Industrial Area 2<sup>nd</sup> Phase ,Bengaluru-560058 ph. No.080-23571590

**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             | :                |

**NOTE:**

- 1).IF YOU ARE NOT PARTICIPATING IN THE TENDER PLEASE SEND A REGRET LETTER .
- 2).VENDER HAS TO QUOTE AS PER OUR TENDER IN YOUR COMPANY LETTER HEAD.
- 3).QUOTATION MUST BE SUBMITTED IN TWO SEALED COVERS (TECHNICAL&COMMERCIAL /PRICE BID)SEPARATELY AND IN ONE ENVELOP OR ELSE YOUR PROPOSAL WILL NOT BE CONSIDERED.

IF YOU NEED ANY CLARIFICATION , PLEASE CONTACT US.

Thanking you,

Yours faithfully,

For KARNATAKA ANTIBIOTICS  
& PHARMACEUTICALS LIMITED

  
YUVARAJA M  
DEPUTY MANAGER PURCHASE DEPT  
MOB:9945317873



<b>KARNATAKA ANTIBIOTICS AND PHARMACEUTICALS LIMITED, BENGALURU</b>	<b>User Requirement Specifications</b>
<b>QUALITY CONTROL DEPARTMENT</b>	
<b>DISINTEGRATION TESTER</b>	

1. **Purpose:** The purpose of disintegration tester is to measure the amount of time it takes a tablet (sample) to totally disintegrate inside a liquid medium.

2. **Description and Quantity:**

Description	Number of Unit required
SEMI AUTOMATIC DISINTEGRATION TESTER	One Number

3. **User Specification:**

Sl.No.	Parameter	Specification
1.	Water bath	Clear Acrylic moulded water bath with green light illumination for better visibility and rectangular cover plate
2.	No.of Beaker	1000 ml glass beakers (2 No's)
3.	No.of Baskets	Two baskets
4.	Accessories	1000 ml glass beakers (2 No's) with 6 tubes and 6 perforated cylindrical guided discs, each external temperature sensor. (As per USP dimensions). Dust cover and Instruction Manual.
5.	No.of timer	2
6.	Timer Display	5 Digit LED Display for each Timer
7.	Material of construction	SS with powder coating.
8.	Motor	Single shaft 230V DC motor (2 No's)
9.	Heater	1 KW
10.	Heating system	Should be uniform heating
11.	Stirrer motor	DC motor 12 V
12.	Water level sensor	Float switch type level sensor
13.	No. of stroke	30 ± 1 strokes/minute
14.	Stroke height	55 mm ± 2mm
15.	Speed Resolution	1 sec -99 minutes
16.	Readable Temperature range	10.0°C to 45.0°C
17.	Controlled Temperature range	15.0°C to 40.0°C
18.	Temperature resolution	± 0.2°C
19.	Temperature sensor	Should be individual for beakers
20.	Timer setting	Basket 'A' -23hrs: 59 min: 59 sec Basket 'B' -23hrs: 59 min: 59 sec
21.	Dimension	360mm x 372mm x 570mm (Approx.)(L x B x H)
22.	Weight	Easy to Lift
23.	Display	20 x 4 line alphanumeric splash proof keyboard LCD display with backlit
24.	Memory	Up to 200 samples of 20 different setups
25.	Keyboard	Soft touch membrane keys.



<b>Miscellaneous Service, Warranty and Training</b>	
1.	Training (all Users) at Customer's location.
2.	On-site installation, commissioning and training shall be conducted by a qualified factory-Trained Engineer.
3.	Warranty for equipment for a period of 2 years from the date of IQ&OQ completion.
3.	The supplier shall support for the PQ completion.
4.	Vendor to provide both on-site and analyst training for users on the system start-up, usage, maintenance, trouble shooting, etc.

**4. Others**

1.	Cleaning and change over must be less than 2 hours.
2.	Vendor must invite KAPL team member/s for a demo of similar equipment at their facility.

**5. Scope of Installation**

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

**6. Final Warranty**

As per PO terms and conditions.

**7. Documentation**

- Documentation - Supplier shall provide the following documents in English language.
  - Operational and maintenance manual
  - Standard Operating Procedures
  - Test certificates
  - Installation and operational protocols
  - Calibration certificates
  - Engineer qualified certificate

**8. 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.

***9. Installation and commissioning***

The vendor/supplier shall ensure the correct positioning, to the satisfaction of KAPL and be responsible for the installation of the equipment, which includes IQ/OQ and PQ.

The vendor/supplier shall also be responsible for the re-assembly of sections or components of the packaged equipment, if any, including wiring, instrumentation and any other equipment and components shipped separately or in sections.

**Suggested Manufacturer/Supplier:**