

No. 6-3/2020-S/ 258-9  
OFFICE OF THE DIRECTOR  
CENTRAL DRUGS LABORATORY,  
GOVERNMENT OF INDIA  
MIN. OF HEALTH & FAMILY WELFARE  
3, KYD STREET, KOLKATA-16

Kolkata Dated the 12/5/2020

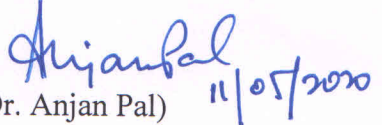
**NOTICE INVITING QUOTATION**

The Director-in Charge, Central Drugs Laboratory, Kolkata invites quotation from the interested and bonafide Manufacturer, Dealer, Distributer or retailer providing and supplying of Automatic Kjeldahl Distillation Unit at Central Drugs Laboratory, Kolkata.

**For detailed Notice. please visit <http://www.cdsc.gov.in>**

The detailed terms & condition of quotation for providing and supplying of Automatic Kjeldahl Distillation Unit is available on the above website. Filled in quotation, accepting the stipulated terms & condition may be dropped in tender box available at the wing of Jr. Administrative Officer, Central Drugs Laboratory, Kolkata on any working day upto **3:00pm on 11.06.2020** and Tender / Quotation will be opened on the same day at **3:30pm on 11.06.2020** in presence of interested Quotationers.

Yours faithfully

  
(Dr. Anjan Pal) 11/05/2020  
SSO (Microbiology)  
for Director  
Central Drugs Laboratory, Kolkata.

No . 6-3/2020-S/ 2589  
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3, KYD STREET, KOLKATA-16

Kolkata Dated the 12/5/2020

**NOTICE INVITING QUOTATION**

Quotation is hereby invited from the interested and bona fide Dealer, Distributers, Retailers for Providing and supplying of one number **Automatic Kjeldahl Distillation Unit** under the following specification, terms and conditions:

**Automatic Kjeldahl Distillation Unit having following Specification :**

**01. Block Digester**

- Block Digester with tube (Not less than 05) capacity of 250ml made of high heat resistance glass - 6 nos.
- Automatic 6 place microprocessor based resistance digestion system
- Digest of machine monoblock should be made up of pure aluminum or equivalent with a high heating efficiency. Maximum temperature at the block not less than 400°C
- LCD / LED display with display of Set Value and Current Value for temperature controller
- Inbuilt digital integrated timer
- Auxiliary cooling stand with thawing fans for faster sample cooling
- Cartridge block should be made up of Stainless Steel
- Category defining aesthetics with powder coated body and Stainless Steel tube and exhaust manifold holders
- Gradual sample completion of maximum digestion time - Not more than 90 minutes.
- Inbuilt cooling stand & manifold stand for ease handling of test tube rack and manifold rack

**02. Automatic Distillation Assembly**

- Should have heat & chemical resistant borosilicate glass assembly along with the steam generator
- Cabinet door sensor detection for door closure failure event leading to immediate halting of process
- Stainless steel bottom tray against acidic attack during sample loading and unloading
- Can be operated with a range of 25-100% of steam power
- Strong outer body with minimum about 1.5mm gauge acid resistant powder coated body
- Rotary encoder push bottom selector for easy operation with LCD / LED digital display
- Automatic steam injecting in sample test tube
- Sample test tube is made of heat resistance glass with 250ml  $\pm 10\%$  volume
- Dosage using alkali and water resistance below pumps with header capacity of 1 meter  $\pm 10\%$  while adduce adding alkali

Automatic and precise dosage of distilled water in test tube

Automatic and precise dosage of alkali in test tube

- Addition of alkali (NaOH) should not interrupt of sample processing
- Steam generator with an outlet ball valve for easy drain of steam after use
- Automatic warning alarm system for low water level in the condenser

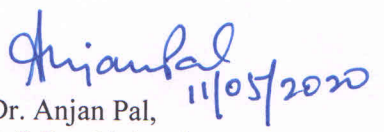
**03. Scrubber**

- Fume scrubber with capacity for complete evacuation of acid fumes
- Vacuum pump with polypropylene head
- PP bubble releaser for faster and effective neutralization
- Trapping of acidic fumes through 4 stages as follows :
  - 1<sup>st</sup> stage : Water cooling condenser
  - 2<sup>nd</sup> stage : Alkali (NaOH) trapping of acid fumes
  - 3<sup>rd</sup> stage : Dilution inside distilled water
  - 4<sup>th</sup> stage : Carbon filter

**N.B:** Applicable Taxes and duties if any, which may be levied by the Government, should be shown separately.

## Terms & Conditions. :

1. The quotation/tender should be submitted in sealed covers. Open quotation/tender will be summarily rejected.
2. The quotation should be valid for a period of 90 (ninety) days from the date of opening of the tender / quotation.
3. The Director-in-Charge, CDL, Kolkata reserves the right to reject the quotation and/or supply order at any stage without assigning any reasons thereof.
4. The quoted rate should be all inclusive and nothing will be paid extra for transportation, loading, unloading at Central Drugs Laboratory, Kolkata.
5. The Quotationer/supplier should supply of **Automatic Kjeldahl Distillation Unit** in good condition & strictly as per specification within thirty (30) days from the date of issue of supply order.
6. The person duly authorized by the quotationer will be allowed to deliver **Automatic Kjeldahl Distillation Unit** at Central Drugs Laboratory, Kolkata on any working day within the time schedule.
7. No "Way Bill" in connection with supply of **Automatic Kjeldahl Distillation Unit** will be issued from Central Drugs Laboratory, Kolkata.
8. **The quotationer should clearly mention the name of manufacturer and Product No.**
9. That on successful completion of supply of **Automatic Kjeldahl Distillation Unit** as per specification, make and Catalogue Number to Store Section, CDL, Kolkata, the quotationer/supplier should submit bill in triplicate along with mandate form to release e-payment through Pay & Accounts Office, Min. of Health & F.W. Kolkata.
10. **Only manufacturing firms / authorized distributors are eligible to participate.**
11. The Quotationer should clearly quote their rates for both in figures and in words **in net price (including any other taxes/discounts etc.) failing which your quotation will not be entertained.** Any overwriting in rates or any change and/or alteration without attestation is liable to culminate in the outright rejection of the quotation. In case there is any error between the amount specified in figures and words, the lower of the two will be taken for consideration.
12. The Quotation duly completed as per the instruction given herein and accepting the same may be dropped in the "Tender Box" on any working days between **11.00 AM to 3.00 P.M. up to 11.06.2020** at the wing of Jr. Administrative Officer, Central Drugs Laboratory, Government of India, Ministry of Health & Family Welfare, 3, Kyd Street, Koolkata-700016.
13. Late quotation i.e. quotation received after the specified date and time of receipt will not be considered in any circumstances.
14. The Quotation so received will be opened on the same day i.e. on **11.06.2020 at 3.30 P.M.** in presence of interested Quotationer(s) or their authorized representative.

  
Dr. Anjan Pal,  
SSO (Microbiology)  
for Director  
Central Drugs Laboratory, Kolkata.