

LETTER SUBMITTING TENDER

To

The Regional Director
Central Pollution Control Board
Nisarga Bhawan
7th D Cross, Thimmaiah Road
Shiva nagar
Bengaluru – 560 079

Sir,

With reference to the tender invited by you for the supply of “Total Kjeldhal Nitrogen Analyser” at The Regional Laboratory, Central Pollution Control Board, 'A' block, Nisarga Bhavan, 2nd Floor, 7th D Cross, Thimmaiah Road, Shivanagar, Bengaluru 560079. I/We do hereby offer to supply the item/s at the quoted rates mentioned in the financial bid. I/We have seen the website and read the conditions of tender, specifications and special clauses. I/We agree to supply the item/s in whole within fifteen days as specified in the tender. I/We understand that you are not bound to accept the lowest or any tender that is received by CPCB.

Yours faithfully,

Name of partners of the firm

Name of Bankers

Tenders submitted on



Central Pollution Control Board

Regional Directorate (South), A block, Nisarga Bhawan, I and II Floors,
7th D cross, Thimmaiah Road, Shivanagar, Bengaluru-560079.

Tel: 08023233739, 23233827, Fax:080-23234059

Email: cpcbszo@yahoo.com & zobangalore.cpcb@nic.in

Ref : CPCB/RLB/WL/18-19/

04 /2/ 2019

Sub: Tender for supply of Total Kjeldhal Nitrogen Analyser

Dear Sir/Madam,

1. The Regional Director (South), Central Pollution Control Board (CPCB), invites the Online tender in single stage two bid system for the supply of **Total Kjeldhal Nitrogen Analyser** along with all its accessories at Regional Laboratory, Central Pollution Control Board (CPCB), Regional Directorate (South), Bengaluru located at 'A' block, Nisarga Bhavan, 2nd Floor, 7th D Cross, Thimmaiah Road, Shivanagar, Bengaluru 560079.
2. The tender document could be downloaded from CPCB website www.cpcb.nic.in. or Central Public Procurement Portal (CPPP) website <https://eprocure.gov.in/eprocure/app>. The tender document shall not be tampered /modified including downloaded financial bid template in any manner. In case if the same is found to be tampered /modified in any manner, tender will be rejected summarily.
3. Bids along with the copies of PAN & GST registration shall be submitted through online at CPCB website www.cpcb.nic.in. Central Public Procurement Portal (CPPP) website <https://eprocure.gov.in/eprocure/app>. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document. Not more than one tender shall be submitted by one tenderer in any case.
4. Intending Tenderers are advised to visit regularly CPCB website www.cpcb.nic.in till closing date of submission for any corrigendum/addendum/amendment.
5. The schedule of the tender process is given below

S.No	CDS- Details of Schedule	DD	MM	YY	Hr	Min
1.	Published Date	04	02	2019	17	00
2.	Bid Documents Down Load Starting Date	05	02	2019	17	01
3.	Bid Documents Submission Starting	05	02	2019	17	01

	Date					
4.	Bid Documents Submission Ending Date	25	02	2019	17	00
5.	Bid Opening Date	27	02	2019	11	00
6.	Bid opening Address	Central Pollution Control Board Regional Directorate (South) A block, Nisarga Bhawan I and II Floors, 7th D cross Thimmaiah Road Shivanagar, Bengaluru-560079				

7. The Tender shall be submitted in two parts, viz, **Technical Bid and Financial Bid**. The detailed technical specification of **Total Kjeldhal Nitrogen Analyser** along with all its accessories are given in Annexure-I. Technical Bid shall be submitted as per Annexure-II and Financial Bid as per Annexure III. All the pages of Technical Specifications, supporting documents & Brochures must be signed and sequentially numbered by the bidder irrespective of nature of contents of the documents before uploading. The offers submitted by Fax/email or any other mode shall not be considered.
8. The Tenderer shall also submit Hard copies of same documents (Technical bid which have been uploaded in the e-portal) to this office before the last date of submission as mentioned in the schedule of tender process. However, the document submitted through online is final.
9. The minimum validity of tender is six months (180 days) from the date of opening of the financial bid
10. The instrument/equipment shall be delivered alongwith the Invoice in original at this office within 15 days from the date of issue of Supply Order along with duly filled in **PFMS** form for the release of payment
11. The payment shall be released after the timely delivery, demo and satisfactory performance of the instrument/equipment.
12. Applicable Income Tax and other taxes as applicable shall be deducted at source
13. For any technical clarification Sh. T.K.Radheshyam Balaji, Sc 'D' (Mob: 9448880177) may be contacted for further information.
14. It may be noted that mere quoting the lowest rates will not entitle any tenderer to get the confirmation of Supply Order
15. In the event of any dispute, the decision of the Chairman, Central Pollution Control Board shall be final and binding upon both the parties.
16. The Chairman, Central Pollution Control Board reserves the right to cancel any or all the tenders without assigning any reasons thereof.

17. Typographical & Clerical errors are subject to correction.

Yours faithfully



(S.Suresh)
Regional Director

Encl: Annexure-1 mentioning Technical Specifications (Page No 4 & 5)

Copy to:

1. Notice Board, CPCB, RD(S), Bengaluru - 560079
2. Incharge and AD, IT Division, CPCB, Delhi - with a kind request to upload the document in CPCB website, & CPPP Portal, pl.



Technical Bid Submission Form for Total Kjeldhal Nitrogen Analyser

S. No.	Items	Specification / Description of items	*Statement of Compliance
	(2)	(3)	(4)
1	Digestion unit	<ol style="list-style-type: none"> 1. Should have electrically heated (230 ± 10 Volts, 50 Hz AC) metal blocks. It should be capable of providing a temperature range from 45 - 450°C ±1°C. Should have inbuilt temperature controller with digital display along with manual temperature adjustment. 2. Should have digital PID controller with J type thermocouple sensor 3. Should have the capacity to accommodate at least six numbers of digestion tubes each of at least 200ml capacity 4. Should have leak proof integrated condensers (fumes carriers) made up of glass, fixed on a movable panel along with adopter for outlet to the scrubber unit. Cell diameter (inner) 42x300mm (tube dimensions) 	
2	Scrubber unit	<ol style="list-style-type: none"> 1. Should be an oil free centrifugal suction type, with manual vacuum adjustment facility. 2. Has to maintain negative pressure until all the gases ventilate. 3. Corrosion and impact resistant 	

		<p>provided with condensate and acid fumes collection vessels.</p> <p>4. Should operate on 230 ± 10 Volts, 50 Hz, AC power supply</p>	
3	Distillation unit	<ol style="list-style-type: none"> 1. Should be made-up of standard quality borosilicate glass. 2. Should possess a steam generator made-up of borosilicate glass along with heater and have 3 step manual control facility i.e. standby, water inlet and distillation. 3. Should have inbuilt diaphragm pump along with push button for alkali dispensing with manual volume adjustment. 4. Should have both manual and Automatic modes. 5. Should have ventilation valve to release excess steam 6. Should have timer for 0 - 15 minutes with audio signal. 7. Steam inlet tube should be of PTFE. 8. Unit should have quick clamping device for digestion tube with adaptor. 9. Should operate on 230 ± 10 Volts, 50 Hz, AC power supply. 10. Complete unit should be provided with one set of digestion tubes along with the servicing, operating and maintenance manuals. 	
4	Accessories	<p>1 set of digestion tubes. Digestion tube stand Spillage tray for the condensers Tube removing device Spares and accessories for its 2 years of continuous use.</p>	
5	Digestion unit	<ol style="list-style-type: none"> 1. Should have electrically heated (230 ± 10 Volts, 50 Hz AC) 	

		<p>metal blocks. It should be capable of providing a temperature range from 45 - 450°C ±1°C. Should have inbuilt temperature controller with digital display along with manual temperature adjustment.</p> <ol style="list-style-type: none"> 2. Should have digital PID controller with J type thermocouple sensor 3. Should have the capacity to accommodate at least six numbers of digestion tubes each of at least 200ml capacity 4. Should have leak proof integrated condensers (fumes carriers) made up of glass, fixed on a movable panel along with adopter for outlet to the scrubber unit. Cell diameter (inner) 42x300mm (tube dimentions) 	
	Warranty	Comprehensive On site warranty for three years	

*Note: *Mention Clearly whether it is complied with or Not complied with at column no.: 4, If the same is not mentioned clearly, the tender will be rejected.*

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Financial Bid Submission Form for Total Kjeldhal Nitrogen Analyser

S. No.	Make	Model	Description of items	Unit Price quoted, Rs.	Taxes as applicable and #Other charges, if any	Total Amount, Rs.

Note: Accessories, Additional features, Other charges, if any may be quoted individually.

Particulars of Other charges may be mentioned clearly.