

CPCBZOB/ Tech-42/Lab/2015-16 / 1661-1670

4th January, 2016

To

List enclosed

Sub: Inviting sealed quotation (Two bids – Technical and Price bid) for purchase of COD and TKN digestors

Sealed quotations are invited from reputed agencies for purchase of COD digester and TKN digester. The applicable terms and conditions of refilling are given below. Quotations should be submitted to this office **on or before 29th January, 2016 at 16.00 hours**

Terms and Conditions:

1. Sealed technical and price bid shall be kept in separate covers and both the bids shall be kept in a cover and sent to this office superscripted with **“Quotation for COD and TKN digester” on top left side of the envelope.**
2. The validity of quotation shall be for 90 days from the date of opening
3. Rates should be quoted along with VAT no. and others, if any.
4. The agency shall arrange demonstration on use of the equipment.
5. Specifications given in annexure -1 should be followed strictly.
6. All charges including basic price, VAT, any other tax, and transportation cost etc. should be mentioned clearly.
7. **The equipment shall be supplied along with calibration certificate from NABL accredited calibration laboratory.**
8. Duly filled in quotation shall reach this office on or before **29th January, 2016 at 16.00 hours.** The quotations may be sent by registered post or may also be dropped in the tender box kept at this office.
9. Payment will be made through A/C payee cheque in the name of organisation, after satisfactory delivery of equipment
10. Competent authority in the Board has full right to accept or reject any/all tenders / quotation without assigning any reason thereof.

P.T.O

11. **The equipment shall have on-site warranty for a period of 3 years**
12. Typographical and clerical errors are subject to correction
13. In the event of any dispute, the decision of the Chairman, CPCB, will be final binding upon both the parties.

Yours faithfully,

S. Suresh
4/11/2016

(S.Suresh)
Zonal Officer

Encls: As above

Copy to:

1. I/C.lab, CPCB, Bengaluru
2. AACo, CPCB, Bengaluru
3. The Incharge, IT Division, CPCB, Delhi – Requested to upload the tender notice on CPCB website and intra-portal.

S. Suresh

(S.Suresh)
Zonal Officer

4/11/2016

etc
AS
4-1-16

DESPATCHED

No.: 1661-1670
Date: 04/01/16
Signature: *S*

PRICE BID

| S.No | Name of equipment | Quantity | Rate/unit | Total Amount |
|------|---|----------|-----------|--------------|
| | COD DIGESTOR | | | |
| | Main unit – 6 position | 01 | | |
| | Main unit – 15 position | 01 | | |
| | Reaction tubes | 15 | | |
| | Air condenser | 15 | | |
| | Cooling tray | 01 | | |
| | Stand for reaction vessel | 01 | | |
| | Stand for air condenser | 01 | | |
| | | | | |
| | | | | |
| | TKN DIGESTOR | | | |
| | Main unit – 6 position | 01 | | |
| | Digestion tube | 12 | | |
| | Vapour manifold to collect acid fumes and route to scrubber | 01 | | |
| | Stand for digestion tube | 01 | | |
| | | | | |
| | | | | |

Other conditions, if any:

- 1.
- 2.
- 3.
- 4.

**Central Pollution Control Board
Zonal Office, South, Bengaluru**

Specifications for COD digester:

Required quantity: 6 position – 1 no. and 15 position – 1no.

The equipment shall have facility to adjust temperature between ambient to minimum 200°C. The equipment shall have facility to adjust the running time upto 120 minutes. Equipment shall have facility to display temperature and count down time digitally. The reaction flask shall be made of borosilicate glass and capacity shall be around 100mL and should fit in to the block freely. Power shall be 230 V, Single phase AC.

The equipment should have auto shut off facility with buzzer after the run period. Heating block shall be made of aluminum to maintain excellent thermal homogeneity and with proper insulation to avoid heat loss. The body of digester shall be powder coated.

The equipment shall be supplied along with wire chord, fuse, if any, manual and others, if any. The equipment shall be complete in all aspects.

Required accessories:

Air condenser- 15 nos
Reaction tube – 15 nos
Cooling tray – 1 no.
Stand for reaction vessel – 1 no
Stand for air condenser – 1 no.

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Specifications for TKN Digestor:

Required quantity: 6 position - 1 no.

The equipment shall have facility to adjust temperature between ambient to 450°C. The equipment shall have facility to display temperature. The reaction flask shall be made of borosilicate glass and capacity shall be around 250mL and should fit in to the block freely. Power shall be 230 V, Single phase AC.

Heating block shall be made of aluminum to maintain excellent thermal homogeneity and proper insulation to avoid heat loss. The body of digester shall be powder coated.

The equipment shall be supplied along with wire chord, fuse, if any, manual and others, if any. The equipment shall be complete in all aspects.

Required accessories:

Digestion tubes – 6 nos

Vapour manifold to collect acid fumes and route to scrubber – 1 no.

Stand for digestion tubes – 1 no.

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