



केन्द्रीय प्रदूषण नियंत्रण बोर्ड
CENTRAL POLLUTION CONTROL BOARD
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, भारत सरकार
MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE, GOVT. OF INDIA

Tech-77/Ring Test-Calib/RD(S)/2020-2021/ 729

October 28, 2020

To
Notice Board and CPPP & CPCB Web Portal

Sub: Corrigendum to tender document inviting online bids for Supply, Installation and Commissioning of Noiseless/Silent Air compressor along with Air Purification System, SS Tubing, Pure Gas Handling Chamber and 19 inch Rack for Ring Test and Static Injection Facility at CENTRAL POLLUTION CONTROL BOARD, REGIONAL DIRECTORATE (SOUTH), Nisarga Bhawan, A-Block, 1st&2nd Floors, Thimmaiah Road, 7th D Main, Shivanagar, Bengaluru - 560079

Sir,

As a part of on-going project this office has proposed to procure Indigenous items through E-Bidding i.e. eprocure.gov.in to develop Calibration Laboratory Facility (Ring Test) in Regional Directorate, Bengaluru. In this concern the tender document has been uploaded in CPP portal on 5th October 2020 and pre bid conference for clarifying and freezing specifications of pre requisites was conducted on 21st October 2020.

Now it is proposed to issue corrigendum for more clarity on specifications related to the receiver tank of noiseless/silent air compressor. Thus it was concluded to append a clause "material/built of receiver tank shall be least corrosive" to Point 4 of Item No 1 in Annexure-1 "Technical Specification" in Page 13 and specifications of Item No 1 of Annexure-3 " Technical Bid Form" in Page 17 of bidding document.

Encl: As Above

Yours faithfully

15/10/20 28/10/20

S. Suresh
Regional Director

क्षेत्रीय निदेशालय (दक्षिण) : निसर्ग भवन, ए-ब्लॉक, प्रथम एवं द्वितीय तल, तिम्मय्या रोड, 7-डी मैन, शिवनगर, बेंगलूरु - ५६० ०७९.

Regional Directorate (South) : " Nisarga Bhawan ", A-Block, 1st & 2nd Floors, Thimmaiah Road, 7th D - Main, Shivanagar, Bengaluru - 560 079.

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TECHNICAL SPECIFICATIONS

Scope of work: Supply, Installation and Commissioning of Noiseless/Silent Air Compressor along with Air Purification System, SS tubing, Pure Gas Handling Chamber and 19 inch rack for mounting ambient air quality analysers in Ring test & Static Injection Facility (Calibration lab) at CPCB, Regional Directorate, Bengaluru

Item No. 1. Technical Specifications For "Noiseless/Silent Air Compressor"

1. **Equipment Name:** Scroll type, air cool and oil free Noiseless/Silent Air Compressor with Dryer
2. **Quantity required:** One (01)
3. **Description:** Pure Oil-free Air, Energy efficient, inbuilt low noise level (Maximum 57 dBA), Simple & Reliable.
4. **Capacity:** Minimum capacity for air compressor buffer tank should be 250 Litres.
Material/Built of Receiver tank shall be least corrosive
5. **Working Pressure:** Working pressure should be 10 bar.
6. **Motor:** Air compressor should be driven by 5HP TEFC electric motor suitable for 230 or 440 volts, single or 3-phase, 50Hz, AC supply.
7. **Noise Level:** With sound insulated canopy to ensure sound levels of about 57 dBA.
8. **Air inlet filter:** High efficiency to eliminate dust and particles below 1 μm .
9. **Automatic Regulation:** Provision of automatic stop when the required pressure is reached avoiding unnecessary energy cost.
10. **Others required feature:** Anti-vibration pad, earth protection, horizontal air receiver mounting, etc.
11. Entire installation, commissioning and performance testing will be within the scope of the supplier

Item No. 2. Technical Specifications For "Charcoal Filter"

1. **Equipment Name:** Activated Charcoal Filter
2. **Quantity Required:** One (01)
3. **Dimension:** Activated charcoal should be filled in two feet long and 3" (inches) outer diameter.
4. **Description:** i) Acrylic Cylinder, acrylic cover on both sides with threading arrangement for closing and opening. ii) Arrangement of nozzles on both sides of acrylic covers (in and outside) for connection of flexible pipe/ rubber pipe of internal diameter 9mm for compressed air should be made. iii) The charcoal should be of superior quality to purify the compressed air.

Supply, installation and commissioning of Noiseless Air Compressor along with Air purification System, SS tubing, pure gas handling chamber and 19 inch rack for ring test and static injection facility

TECHNICAL BID FORM(To be submitted in Technical bid folder)

| Item No. | Name | Quantity | Specifications | Deviation if any |
|----------|---|----------|---|------------------|
| 1 | Air Compressor 250 lit Capacity (Noise Less). | 01 | Scroll type, air cool and oil free Air Compressor with Dryer, Pure Oil-free Air, Energy efficient, inbuilt low noise level (Maximum 57 dBA, Simple & Reliable, Minimum capacity for air compressor buffer tank should be 250 Litres. Material/Built of Receiver tank shall be least corrosive. Working pressure should be 10 bars. Air compressor should be driven by 5HP TEFC electric motor suitable for 230 or 440 volts, single or 3-phase, 50Hz, AC supply. With sound insulated canopy to ensure sound levels of about 57 dBA It should have high efficiency filter to eliminate dust and particles below 1 μ m. Provision of automatic stop when the required pressure is reached avoiding unnecessary energy cost. Ant vibration pad, earth protection, horizontal air receiver mounting, etc. arrangements. | |
| 2 | Charcoal Filter | 01 | Activated charcoal should be filled in two feet long and 3" (3inch) outer dia. Acrylic Cylinder, acrylic cover on both sides with threading arrangement for closing and opening. Arrangement of nozzles on both sides of acrylic covers (in and outside) for connection of flexible pipe/ rubber pipe of internal dia. 9mm for compressed air should be made. The charcoal should be of superior quality to purify the compressed air. | |

Supply, installation and commissioning of Noiseless Air Compressor along with Air purification System, SS tubing, pure gas handling chamber and 19 inch rack for ring test and static injection facility