

Tender document
for
Pressure Ageing Vessel

Department of Civil Engineering
Indian Institute of Technology Kanpur
Kanpur (UP) 208016 India

Enquiry no: CE/TE/PAV- 22-23/01

Dated 23/02/23

Online quotations are invited for **Pressure Ageing Vessel with compressor (Quantity - 01)**.
The detailed technical specification of the Pressure Ageing Vessel with compressor is described below.

Parameter	Requirement
Compliance standard	ASTM D 6521
Rated working pressure	2.1 MPa
Designed pressure	2.2 MPa or better
Water pressure	2.75 MPa or better
Safety valve opening pressure	2.15 MPa or better
Working temp.	100±10°C
Pressure controller	±0.01 MPa or better
Temp. precision	±0.1°C or better
Compressor	Min. 3HP with at least 50 litre capacity

- ✓ Instrument should have robust safety mechanism to avoid any unfortunate eventuality during its operation.
- ✓ Instrument should be equipped with PC for controlling different test parameters.

Additional Terms and Conditions

- The bidder should be a registered OEM or must have a valid authorization from a particular OEM.
- The bidder should have a valid ISO certificate – ISO 9001:2015, ISO 37001:2016 and ISO 45001:2018.
- AFFIDAVIT ON RUPEES 100 STAMP PAPER stating that the bidder is not under liquidation & blacklisted by any State Govt. or Central Govt. Organization or any Govt. undertaking department or any PSU's.
- Bidder must have dedicated service team at least 25 service engineers/technicians for the after sales service. Bidder should have Escalation Matrix and all the details must be attached along with the bid documents.
- Min. 10 years spare support on cost basis by bidder after warranty period.
- Bidder should supply instruments with NABL calibration certificates wherever applicable.
- Bidder should have own NABL calibration laboratory or should have authorized facility/joint venture with NABL laboratory.

Deadline for quotation submission: 7/3/2023.

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