



CENTRAL INSTITUTE OF MINING & FUEL RESEARCH

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Open Tender Enquiry

निरीक्षण सं० / Enquiry No. CIMFR/PUR/9(9)2021/

दिनांक / Date: 05.08.2021

सेवा में / To,

M/s

प्रिय महोदय / Dear Sirs,

विषय / Sub.: Request for ONLY ONLINE Quotation/offer for Supply, Installation, commencement and demonstration of Triaxial Compression Test Apparatus.

You are requested to quote ONLINE ONLY for the following items in **Two Bid System (Techno-commercial and Financial Bid)** quotations for “**Supply, Installation, commencement and demonstration of Triaxial Compression Test Apparatus.**” against **Enquiry No. CIMFR/PUR/9(9)2021 dated: 05.08.2021**”. Offer with complete details on the following should be uploaded well in advance in <https://etenders.gov.in/eprocure/app> portal on or before last date & time and will be opened on opening date stipulated as in e-tender.

| SL. No. | Description of the material (s) | Qty. |
|---------|--|------------------|
| 01 | <p>Supply, commencement and demonstration of Triaxial Compression Test Apparatus-Motorized as per IS: 2720 (Part XI & XII) for testing:</p> <ul style="list-style-type: none">• Unconsolidated Undrained (UU)• Consolidated Undrained (CU)• Consolidated Drained (CD). <p>Consisting of following set-up:</p> <ol style="list-style-type: none">Motorised load frame (complete in all respect) suitable for operation on 220V, 50 Hz, single phase, AC supply. Rate of Strain: 0.1 mm/min to 1.25 mm/min or more.Specimen Diameter: Suitable for 38 mm and 50mm.Dial Gauge: 25 mm travel, 0.01 mm least count.Triaxial Cell: Two Nos. (One for 38 mm dia. and other for 50 mm dia. specimen) capable of withholding fluid/cell pressure up to 10 kg/cm².Proving Ring: Integral type with compression capacity of 2.5 kN supported with calibration certificate.Pore Pressure Apparatus: Capacity, 1000 kPa (10 kg/cm²) with volume change buretteWater reservoir.Constant pressure system oil water type with two cells (electrically driven to maintain the desired pressure for the entire period of the test).Lateral pressure assembly capacity, 10 kg/cm² (pressure chamber with foot pump). | 01 Complete Set. |