



DR. B. C. ROY ENGINEERING COLLEGE, DURGAPUR

DEDICATED TO QUALITY EDUCATION
AFFILIATED TO MAKAUT | APPROVED BY AICTE | *NBA ACCREDITED | NAAC ACCREDITED
An Autonomous Institute

Jemua Road, Fuljhore, Durgapur, Paschim Bardhaman, 713206

No. BCREC/CE/NIT/25-26/001

Date: 24/09/2025

NOTICE INVITING QUOTATION / TENDER

Sealed quotations / tenders are invited from reputed firms / suppliers for supply of the "Manual Compression Testing Machine, Capacity: 2000 KN" as per the requirement (enclosed herewith) to Head of the Department, Civil Engineering Department, Dr. B. C. Roy Engineering College, Jemua Road, Fuljhore, Durgapur, Paschim Bardhaman 73206, for the financial year 2025-26.

Mere submission of quotation/tender or lowest price for the process doesn't ensure any assurance for the work order. Quotation/s/tender/s must be submitted in original separately, clearly mentioning validity period for approved rates (basic price), all taxes, installation charges, discounts (if any) etc. along with any other costs thereon; failing which tender will be summarily rejected.

All other legal documents must be furnished along with quotations such as Experience Certificate (certificate from the customer dated not more than 3 years), PAN / TAN, valid Trade License, One Cancelled Cheque; GST Reg. No., IT returns of last 3 years etc. Quotations must contain detailed aforementioned specifications along with other information and terms and conditions if required. The terms of payment and conditions of delivery will be decided before awarding the order. **Last date for submission of quotation will be 10.10.2025 up to 12.00 Hrs.** The quotation is valid for the entire period of the financial year on 31.03.2026. The quotation documents are non-refundable. Work Order will be issued to qualified bidder (successfully satisfying the technical bid and price bid) as per the requirements of the institute throughout the entire financial year subject to fulfilment of all rules and regulations. **The Tender Inviting Authority (TIA) reserves the right to accept / reject any quotation without assigning any reason thereof.**

Payment and delivery schedule must have to be mentioned in the quotation. Vendors submitting the Quotation / Tender documents are requested to register through institute website link: <https://bcrec.ac.in/vendor-enlishment>

Date of Opening: 10.10.2025 (14:30 Hrs.)

Last Date for Submission of Quotations / Tenders: 10.10.2025 (12:00 Hrs.)

Sanjay Sengupta
24/09/2025

Head of the Department
Civil Engineering Department
Dr. B. C. Roy Engineering College, Durgapur

H.O.D
CIVIL ENGG. DEPT.
DR. B. C. ROY ENGINEERING COLLEGE
DURGAPUR





DR. B. C. ROY ENGINEERING COLLEGE, DURGAPUR

DEDICATED TO QUALITY EDUCATION
AFFILIATED TO MAKAUT | APPROVED BY AICTE | *NBA ACCREDITED | NAAC ACCREDITED
An Autonomous Institute

Jemua Road, Fuljhore, Durgapur, Paschim Bardhaman, 713206

No. BCREC/CE/NIT/25-26/001

Date: 24/09/2025

Annexure-I

"Requirement of - Manual Compression Testing Machine, Capacity: 2000 KN"

Name of the Item	Item Description
Complete setup for Manual compression testing machine , capacity: 2000 KN , with sample moulds.	<p>1. General Description</p> <p>This tender is for the supply, delivery, and commissioning of a high-quality, manual compression testing machine with a capacity of 2000 kN. The machine is intended for accurate and reliable compression strength testing of concrete, brick and composite materials, and must meet the highest standards of stability, precision, and durability.</p> <p>2. Technical Specifications</p> <p>The proposed machine must strictly adhere to the following technical specifications:</p> <ul style="list-style-type: none">• Capacity: 2000 kN• Load Frame: The design must ensure minimal deflection and maximum durability under a full load.• Load Indicator: Analog dial gauge for clear and precise load reading.<ul style="list-style-type: none">○ Accuracy: Across the range of 100 kN to 2000 kN.• Platens:<ul style="list-style-type: none">○ Minimum Platen Diameter of 200 mm and Distance Between Platens of 301 mm• Piston:<ul style="list-style-type: none">○ The travel of the platen should be a minimum distance of 75mm with marking to ensure large sample displacement before crushing during compressive testing.• Sample Moulds: The tender must include a detailed list and specifications of the standard sample moulds (sets of 3) that will be provided with the machine:• Two plates of high quality metal plate (min 1.5 inch) for compressive test of bricks.• Two set of 50mm cube mould for cement.• Two set of 100mm cube mould for concrete.• Two set of 100mm dia, 200mm height cylinder mould.• Two set of 40mm x 40mm x 160mm prism mould for mortar.

Pranaj Roy
24/9/25

Prakash
24/09/2025

Ravi
24/09/2025

H. Alan
24/09/2025

Sanjay Sengupta
24/09/2025

3. Required Documentation and Features

- **Calibration Certificate:** The machine must be supplied with a valid calibration certificate, confirming its accuracy and compliance with the specified Class 1 rating.
- **Operation Manual:** A comprehensive operation and maintenance manual, in English, must be provided. The manual should include detailed instructions for setup, operation, calibration checks, and troubleshooting.
- **Safety Features:** The machine should be equipped with all necessary safety guards and features to protect the operator during the testing process.

4. Service and Warranty

Bidders are required to provide a detailed proposal on the following:

- **Warranty:** A minimum warranty period of 12 months is expected for all parts and labor.
- **After-Sales Support:** The bidder must demonstrate a robust plan for technical support, including availability of spare parts and on-site service if required.

Pranoy Roy
24/09/25

Pranav
24/09/2025

Pranav
24/09/2025

H. Alam
24/09/2025

Sanjay Sengupta
24/09/2025