

**Dr. B. C. Roy Engineering College**  
Jemua Road, Fuljhore, Durgapur, Paschim Bardhaman 713206

No. BCREC / 26-27 /ME/ NIT /001

Date: 01.06.2026

**NOTICE INVITING TENDER**

Sealed quotations / tenders are invited from reputed firms / suppliers for **supply of the "Inverter based 250 Amps. TIG Welding Machine"** as per the requirement (enclosed herewith) to Dr. B. C. Roy Engineering College, Jemua Road , Fuljhore, Durgapur, Paschim Bardhaman 713206, for the financial year 2026-27.

Mere submission of quotation / 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), rate of changes to be incorporated in subsequent years 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 return of last 3 years etc. Quotations must contain detailed aforementioned specifications along with other information and terms and conditions if required. No advance money will be provided for execution of the job. **Full payment will be made either by cheque or online by the institution after successful completion of the work (delivery, installation and demonstration). Last date for submission of quotation will be 15.06.2026 up to 17.00 Hrs.** The quotation is valid for the entire period of the financial year ending on **31-03-2027**. The quotation documents are non-refundable. Work Order will be issued to qualified L<sub>1</sub> bidder as per the requirements of the college throughout the entire financial year subject to fulfillment 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. Vendor submitting the Quotation/Tender documents are requested to register through institute website link: <https://bcrec.ac.in/vendor-enlshment>

  
Head

Department of Mechanical Engineering  
Dr. B. C. Roy Engineering College

**H.O.D. / M.E.**  
Dr. B. C. Roy Engg. College, Durgapur



**Annexure-I**  
**Dr. B. C. Roy Engineering College**  
Jemua Road, Fuljhore, Durgapur, Paschim Bardhaman 713206

No. BCREC /26-27/ NIT/ 001

Date: 01.06.2026

**"Inverter based 250 Amps. TIG Welding Machine"**

Name of the Item	Item Description	No
<b>Inverter based 250 Amps. TIG Welding Machine</b>	<p><b>Type:</b> Inverter-based TIG Welding Machine <b>Welding Process:</b> TIG (GTAW) with MMA/ARC option preferred <b>Input Supply:</b> Single Phase, 220-240 V, 50 Hz <b>Output Current Range:</b> Minimum 10-200 A <b>Duty Cycle:</b> Minimum 60% at rated current <b>Display:</b> Digital current display <b>Cooling System:</b> Air cooled <b>Ignition Type:</b> HF (High Frequency) start preferred <b>Material Compatibility:</b> Mild Steel, Stainless Steel, and Aluminum <b>Electrode Compatibility:</b> Tungsten electrodes of standard sizes <b>Protection Features:</b> Over-voltage, over-current, and overheating protection <b>Portability:</b> Compact and portable design preferred</p> <p><b>Accessories Required:</b> TIG Torch Earth Clamp Gas Regulator Gas Hose Welding Cables Consumables kit</p> <p><b>Training/Demonstration:</b> Preferred for student laboratory use</p>	01

