



**NATIONAL INSTITUTE OF TECHNOLOGY, TIRUCHIRAPPALLI-620 015**  
**INVITATION FOR QUOTATION**

**TEQIP-III/2017/NITT/Shopping/08**

**24-Oct-2017**

To,

**Competitive supplier of Digital Inverter CO<sub>2</sub> / MAG Welding Machine**

**Sub: Invitation for Quotations for supply of Digital Inverter CO<sub>2</sub>/MAG Welding Machine**

Dear Sir,

1. You are invited to submit your most competitive quotation for the following goods with item wise detailed specifications given at Annexure I,

<b>Sl. No</b>	<b>Brief Description</b>	<b>Quantity</b>	<b>Delivery Period (In days)</b>	<b>Place of Delivery</b>	<b>Installation Requirement (if any)</b>
<b>1</b>	<b>Digital Inverter CO<sub>2</sub> / MAG Welding Machine</b>	<b>1</b>	<b>45</b>	Department of Mechanical Engineering, National Institute of Technology, Tiruchirappalli	Installation to be done in the Department of Mechanical Engineering, National Institute of Technology, Tiruchirappalli, Tamil Nadu

2. Government of India has received a credit from the International Development Association (IDA) towards the cost of the **Technical Education Quality Improvement Programme [TEQIP]-Phase III** Project and intends to apply part of the proceeds of this credit to eligible payments under the contract for which this invitation for quotations is issued.
3. Quotation,
  - 3.1 The contract shall be for the full quantity as described above.
  - 3.2 Corrections, if any, shall be made by crossing out, initialing, dating and re writing.

- 3.3 All duties and other levies payable by the supplier under the contract shall be included in the unit price.
- 3.4 Applicable taxes shall be quoted separately for all items.
- 3.5 The prices quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
- 3.6 The Prices should be quoted in **Indian Rupees only**.
4. Each bidder shall submit only one quotation.
5. Quotation shall remain valid for a period not less than **45** days after the last date of quotation submission.
6. Evaluation of Quotations,  
The Purchaser will evaluate and compare the quotations determined to be substantially responsive i.e. which
- 6.1 are **properly signed**; and
- 6.2 confirm to the terms and conditions, and specifications.
7. The Quotations would be evaluated for all items together.
8. Award of contract:  
The Purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price.
- 8.1 Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of contract.
- 8.2 The bidder whose bid is accepted will be notified of the award of contract by the Purchaser prior to expiration of the quotation validity period. The terms of the accepted offer shall be incorporated in the purchase order.
9. Payment shall be made in Indian Rupees as follows:  
**Delivery, Installation & Satisfactory Acceptance - 100% of total cost**
10. All supplied items are under warranty of **12** months from the date of successful acceptance of items.
11. You are requested to provide your offer latest by **15:00** hours on **23-November-2017**.
12. **Opening time : 23-November-2017 16:00 hours at TEQIP Office, Administrative Building, NIT Trichy**
13. Detailed specifications of the items are at Annexure I.
14. Training Clause (if any) **N/A**.

15. Testing/Installation Clause (if any) **100% payment after delivery and successful installation at Department of Mechanical Engineering, NIT, Tiruchirappalli - 620 015, Tamil Nadu**

16. Information brochures/ Product catalogue, if any must be accompanied with the quotation clearly indicating the model quoted for.

17. **Sealed Quotations to be submitted at the following address:**

**The Head of Department**  
Dept. of Mechanical Engineering  
National Institute of Technology  
Tiruchirappalli – 620 015.

18. We look forward to receiving your quotation and thank you for your interest in this project.

**Note:** The cover should be duly superscribed with the following details.

- (1) Quotation Reference Number (2) Quotation for the supply of .....
- (3) Date of opening .....

**(Dr. S.P. Sivapirakasam)**  
**HoD/Mechanical Engg.**

## Annexure I

Sl. No	Item Name	Specifications
1	<b>Digital Inverter CO<sub>2</sub> / MAG Welding Machine</b>	<p>Digital Inverter MIG/MAG Welding Machine with Input Power 415± 10%, 3PH, 50/60 Hz, Rated Input less than 17 KVA, Current setting range 30-450A (MIG/ MAG), 400A @ 60% duty cycle, 12-38V, class H Insulation or better, with weight less than 55 Kg. Additionally Welding Machine should have DC Stick Electrode Mode (30-300A) for MMAW Welding.</p> <p>The Welding Machine should be provided with</p> <p>Wire Feeder - Feed rate not less than 20 m/min.</p> <p>Power Cable of 2 nos. of 5 m length</p> <p>Wire Feeder Control Cable of 5 m length</p> <p>Gas Hose, Analog Remote Controller, Welding Torch of 3 m</p> <p>Gas Cooled and MMAW Electrode Holder.</p> <p>The Welding Machine Should have Individual and Synergic Mode with minimum Job Memory of 30 Programmes/Weld Conditions. There should be facility to set, store and display parameters like current, voltage, pre flow, post flow, up slope time, down slope time, anti-stick time and voltage, crater fill current etc.</p> <p>The Welding Machine should have Password Lock function to avoid parameter change by unauthorised person.</p> <p>The Welding Machine should have feature of Constant Penetration function where wire feed rate is automatically adjusted so that constant current is always obtained even when wire stick out varies there by ensuring constant penetration.</p> <p>The Welding Machine should have facility for ARC Control in order to select Hard Arc or Soft Arc depending in Application.</p> <p>The Welding Machine should have Crater Fill function.</p> <p>The Welding Machine should have power saving function where cooling fan should stop automatically after 10 minutes of non-operation.</p> <p>The Welding Machine should be provided with Analog Remote Control with facility to vary Current and Voltage along with wire inching.</p> <p>The Welding Machine should have facility to display Error Codes for easy trouble shooting and maintenance.</p>

**FORMAT FOR QUOTATION SUBMISSION**

(In letterhead of the supplier with seal)

Date: \_\_\_\_\_

To:

\_\_\_\_\_  
\_\_\_\_\_

Sl. No.	Description of goods (with full Specifications)	Qty.	Unit	Quoted Unit rate in Rs. (Including Ex Factory price, excise duty, packing and forwarding, transportation, insurance, other local costs incidental to delivery and warranty/ guaranty commitments)	Total Price (A)	Sales tax and other taxes payable	
						In %	In figures (B)
<b>Total Cost</b>							

Gross Total Cost (A+B): Rs. \_\_\_\_\_

We agree to supply the above goods in accordance with the technical specifications for a total contract price of Rs. \_\_\_\_\_ (Amount in figures) (Rupees \_\_\_\_\_ amount in words) within the period specified in the Invitation for Quotations.

We confirm that the normal commercial warranty/ guarantee of \_\_\_\_\_ months shall apply to the offered items and we also confirm to agree with terms and conditions as mentioned in the Invitation Letter.

We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in bribery.

Signature of Supplier

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Contact No: \_\_\_\_\_