



भारतीय प्रौद्योगिकी संस्थान रोपड़
INDIAN INSTITUTE OF TECHNOLOGY ROPAR

नंगल रोड, रूपनगर, पंजाब-140001/Nangal Road, Rupnagar, Punjab-140001
Ph. 01881-242108, e-mail: purchase@iitrpr.ac.in

No. 196-11/IITRPR/PS/

11th July 2011

M/s _____

Sub: Purchase of Air Plasma Arc Cutting Machine.

Sealed tenders are invited for the purchase of air plasma arc cutting machine. You are requested to send your offer addressed to **“The Registrar, IIT Ropar, Nangal Road, Rupnagar-140001”** along with **EMD of ₹4,000.00 in shape of Demand Draft in name of “Registrar, IIT Ropar” payable at Rupnagar** and send in sealed envelope duly superscribed as **Quotation for “Air Plasma Arc Cutting Machine” due on 29th July 2011 at 3.00PM.** The Bids shall be opened on the same day i.e. 29th July 2011 at 3.30pm in the presence of bidders, if any. Late tenders and Tender without EMD shall not be entertained.

Sr	Description	Qty
1.	Air Plasma Arc Cutting Machine Cutting capacity: 12mm mild steel sheets 20mm (for rough cut) Cooling : Arc (forced air) Air pressure : 4.5-7 bar (detail specifications are attached as Annexure-I)	1

Please take note of the instructions overleaf before submitting your offer.

कुलसचिव

INSTRUCTIONS

1. **The rates should be on FOR IIT Ropar basis in case of Indigenous item and on FOB basis in case of Import item. If the offer is on FOB basis please mention CIF charges separately.**
2. **The Institute is registered with the Department of Scientific and Industrial Research, New Delhi and is exempted from the payment of Customs Duty and Central Excise Duty vide Notification No. 51/96-Customs and 10/97-Central Excise.**
3. Sales tax: The Institute is not exempted from the payment of Sales Tax/Service Tax/VAT. The rate (i.e. percentage of Sales Tax should be clearly indicated.
4. The delivery period should be specifically stated. Ex-stock and earlier delivery may be preferred.
5. The firms are requested to give detailed description and specifications together with the detailed drawings, printed leaflets and literature of the quoted item. The name of the manufacturer and country of manufacture should also invariably be stated. In the absence of these particulars the quotation is liable to be rejected.
6. Quotation should have validity of 90 days from the date of opening.
7. **Payment/PBG–100% payment will be made through 30 days credit/LC/TT on the submission of Performance Bank Guarantee for 10% of total order value. In case of LC, PBG will be submitted along with the order confirmation, before opening of LC.**
8. Liquidated Damages: If the firm fails to execute the supply as per our purchase order in full or part as per the terms and conditions stipulated therein, the Institute can recover liquidated damages from the firm @1% per week of the value of undelivered stores, subject to a maximum of 10%. It will also be open to this institute to procure the required item(s) from any other source at the risk and expense of the firm.
9. Warranty: Warranty period should be clearly mentioned.
10. **If the quoted item is of proprietary nature, please submit a certificate from principal along with offer.**
11. The right to reject all or any of the quotation and to split up the requirements or relax any or all the above conditions without assigning any reason is reserved by the Director, IIT Ropar.

कुलसचिव

Annexure-I

Air plasma arc cutting machine with standard accessories (current range 45 amps)

(Technical specification)

1. Input supply voltage : 220±10%, 1 Phase, 50 Hz.
2. Cutting Amps. Range : 25-45 Amps.
3. Open circuit voltage (OCV) : 275 Volt.
4. Cutting capacity mild steel Recommended : 12mm.
Maximum : 19mm.
Rough : 25mm.
5. Duty cycle (Maxi output) : @60% - 41 Amps. 200-240V, 1ph.
@50% - 45 Amps. 200-240V.
6. Pilot arc facility : Active electronic arc controller.
7. Type of cooling : Forced air.
8. Air pressure : 4,5-7 Bar.
9. Led display for : i) Air Pressure.
ii) Type of cutting/gouging.
iii) Amperes.
10. Safety Features : i) Low air pressure cut off.
ii) Low/High Voltage cut off.
iii) Power cut off if nozzle is opened.
11. Cutting air ON/OFF control should be automatic.
12. Air flow post time 45-60 second.
13. Knob for checking air pressure and continuity.
14. Gouging & under water cutting possible.
15. Cutting torch to have touch & drag cut to help to avoid damaging consumables.
16. Torch lead length : 7.0m

General requirements:

1. Complete warranty for three years.
2. Availability of spare parts for 15 years, service centre, dealership etc in Punjab are must complete address of the same be clearly mentioned in the bid.
3. Instructional Manual/ Maintenance to be provided with the machine.

(This certificate is required in the letter head of company duly signed and stamped.)

CERTIFICATE OF GUARANTEE/WARRANTY

(This certificate may be reproduced)

- i) I/We certify that the guarantee/warranty shall be for a period of **ONE YEAR** starting from the date of satisfactory installation, commissioning and handing over of the equipment and of works conducted therewith covered under the Supply order in working order. During the guarantee/warranty period I/We shall provide “after sale service” and the replacement of any part(s) of the equipment or rectification of defects of work of the equipment will be free of cost. The replacement of the parts shall be arranged by us, at our own cost and responsibility. We undertake that the above guarantee/warranty shall begin only from the date of installation, commissioning and handing over the equipment in working order. The benefit of change in dates of the guarantee/warranty period shall be in the interest of the user/your Institute.
- ii) During the warranty period, we shall provide at least three preventive maintenance visits.
- iii) Uptime Guarantee: During the guarantee/warranty period, we will be responsible to maintain the equipment in good working condition for a period of 328 days (i.e., 90% uptime) in a block of 365 days. All the complaints will be attended by us within 5 days of receipt of the complaint in our office. In case there is delay of more than 5 days in attending to a complaint from our side then you can count the number of days in excess of the permissible response time in the downtime.
- iv) We certify that the equipment being offered/quoted is the latest model and that spares for the equipment will be available for a period of at least 10 years and we also guarantee that we will keep the Institute informed of any up-date of the equipment over a period of 5 years.
- v) We guarantee that we will supply spare parts if and when required on agreed basis for an agreed price. The agreed basis could be an agreed discount on the published catalogue price or an agreed percentage of profit on the landed cost.
- vi) We guarantee to the effect that before going out of production of spare parts, we will give adequate advance notice to you so that you may undertake to procure the balance of the life time requirements of spare parts.
- vii) We guarantee the entire unit against defects of manufacture, workmanship and poor quality of components.

**Authorized Signatory of the company
with stamp**

Date :

Place :