



Government College Of Engineering Amravati

(An Autonomus Institute of Govt of Maharashtra)

“Towards Global Technological Excellence”



Phone No. :0721 - 2531929 - 2531930

E - Mail ID- accounts@gcoe.ac.in

Website - www.gcoe.ac.in

office.gcoeamravati@dtmaharashtra.gov.in principal@gcoe.ac.in

Enquiry Letter

GCOEA/WS/PUR/Equipment/ 2022 / 4713

Date 20 / 12 / 2022

To,
M/S Web site
GCOEA

Subject: - Quotation for the supply of **Digital Inverter MIG/CO2/MAG Welding Machine -500A** For the Workshop Department

Dear Sir,

As per the above Subject **Digital Inverter MIG/CO2/MAG Welding Machine -500A** is to be purchased for the Workshop Dept. You are required to Quote the lowest reasonable rate for the following item/machine/equipment mentioned below. The Sealed Quotation Should reach the Undersigned on or before 30/ 12/2022, 3.00 PM Opening Date 30/12/2022 5.00 P.M

Sr.No	Function	Description/Specification	Qty	Remark
	Name of Machinery : Metal inert gas/ MAG/ Co2 Welding Machine		01	
1	Control Method	Digital IGBT Control (Insulated Gate Bipolar Transistors)		
2	Rated input Voltage	AC 360-415V(Acceptable		
	No. of Phases	Variation 290 to 470) 3 Phase		
	Input Power Frequency	Hz 50/60		
	Rated Input Capacity	23.3/22.4		
	Output Characteristics	CV (Constant Voltage Characteristics)		
	Rated Output Current	500 amp		
	Rated Output Voltage	39		
	Rated duty cycle	60		
	Rated Output no-load voltage	70		
	Output current range	60-550(Resistive load output capability)		
	Output Voltage range	17-41.5 (Resistive load output capability)		
3	Welding method	Digital IGBT Control (Insulated Gate Bipolar Transistors)		
	Enclosure Protection Class	IP23S Industrial Grade		
	Insulation Class	155c (Reactor 200c)		
	Cooling Method	Forced air cooling		
	Applicable Welding wire Diameter	Solid MS 1.0/1.2/1.6		
	Flux	Flux core MS 1.2/1.4/1.6		
	Sequence	Welding/welding-crater/spot welding/inter-welding crater		

4	Shielding Gas	CO2 Welding CO2 :100%MAG welding Ar.80%,CO2:20%		
	Gas pre-flow time	0.2		
	Gas post-flow time	0.5		
	Spot welding time	0.3-10 Continuous adjustment		
	Dimensions (W*D*H)	372*575*632		
	Weight	60 kg		
	Wire feeder	50KM3 Standard		
	Welding gun	50CS4 Standard		
	GAS regulator	25CD1HAK Standard		
5	Power Supply equipment and Connecting Cable			
6		Welding Power Source	500A	
7	Power Supply Capacity	General Power Supply	35 kVA or more	
		Generator	More than twice 24kvA	
8	Input Protection (distribution Box)	Fuse	50 A	
		Circuit breaker	63 A	
9	Cable	Welding Power input side	10 mm ² or more	
		Welding power output side	70 mm ² more	
10	Ground wire	Ground is equal to or greater than the welding power source input side		
11	CO2 Cylinder	01 Nos		
11	Wire spool 1.0 mm and all accessories and attachment			

TERMS AND CONDITIONS

1. **Submission of Quotation:** Two Envelope method of submission of quotation should be followed. i.e. the Sealed Envelope of quotation should consists of two envelope viz., Envelope 1 (Technical Bid) and Envelope 2 (Commercial Bid).

Envelope 1 (Technical Bid) shall consist of following:

- i) Registration Certification of the manufacturer / Supplier / shop Act
- ii) If supplier is not manufacturer, then Certificate of authorized dealership
- iii) G.S.T. Registration Certificate
- iv) Proof of payment of G.S.T. up to March 2022
- v) Proof of manufacturing / supplying the items in the quotation (List of Supply orders of other organizations / establishments).
- vi) Specifications of the Goods along with Product catalogue / leaflet / information brochure, photographs of the Equipment / Goods / Furniture.
- vii) Undertaking regarding quality and after sales service for the warranty period.
- viii) Conditions of supply, if any, should be properly and explicitly mentioned in the quotation.

Envelope 2 (Commercial Bid) shall consist of following:

- i) All inclusive Rates of Goods / Items / Equipment /Furniture, clearly mentioning the basic rates and various taxes. The rates shall be preferably mentioned both in words and figures.
- ii) All prices must be for destination at Government College of Engineering, Amravati and at specified place/ Laboratory /Department.
- iii) All prices must be for inclusive of Packing forwarding, freight & insurance.

iv) All prices must be for inclusive of Installation, commissioning charges testing and training, if required.

The Reference no. of this letter and last date of submission of quotation must be mentioned on the envelope containing quotation. **The bidder unable to fulfill the requirements of Technical Bid shall be considered as Invalid and commercial bids of such bidders shall not be opened and considered for evaluation / comparison.**

2. **Validity:** The rates must be valid for 60 days from the date of opening of quotations.

The undersigned reserve the right, without assigning any reason, to;

- i) Cancel/ reject the entire lot of quotation
- ii) To extend the last date for submission of quotation

Address:- Principal, Government College of Engineering, Near Kathora Naka, Amravati 444604


Principal
Govt. College of Engineering,
Amravati