



INDIRA GANDHI DELHI TECHNICAL UNIVERSITY FOR WOMEN
(Established by Govt. of NCT of Delhi under Act 9 of 2012)
Kashmere Gate, Delhi-110 006

NOTICE INVITING QUOTATION

Sealed item rate quotations are invited on behalf of Registrar, INDIRA GANDHI DELHI TECHNICAL UNIVERSITY FOR WOMEN,, Kashmere Gate, Delhi-110006 **form Delhi/NCR based eligible manufacturers /distributors /authorized dealers** for supply of :- D.C Welding Rectifier Machine (for MMAW), Inverter based MIG Welding machine and Inverter based AC/DC TIG Welding machine as per the specification given in price bid attached with this NIQ:-

1	Name of work	Supply of 1. D.C Welding Rectifier Machine (for MMAW)- 02 Nos 2. Inverter based MIG welding machine-----01 No. 3. Inverter based AC/DC TIG welding machine—01 No.
2	Last date, time and venue for submission of quotation	19/11/2013 up to 2.00PM
3	Date, time and venue for opening of technical bid	19/11/2013 at 2:30 Pm, seminar hall of the university.
4	Financial bid shall be opened after	evaluation of technical bid/time notified thereafter
5	Earnest Money Deposit (EMD), in the favour of Registrar, IGDTUW Security Deposit S B Account	D.C Welding Rectifier Machine (for MMAW)=5000/- Inverter based MIG Welding machine =4000/- Inverter based AC/DC TIG Welding machine=7000/-

The bids shall be submitted in two stages viz. (i) *Technical bid* (ii) *Financial bid*.

Eligibility:-

- Certificate of Authorized dealership/distributor/manufacturer. (in case of manufacturer, they will Self certify so. Authorized dealers/distributor shall attach attested copies of dealership/distributorship certificates issued by the manufacturer)*
- Undertaking by the agency in its Letterhead that:-*
 - that it has not been barred or blacklisted by any of the Central/State government/Departments/Organizations/Central or State PSU*
 - that it will ensure fair trade practice.*
 - that the proprietor/partners of the agency do not have any relative employed with IGDTUW University.*
- Should have valid registration with DVAT Deptt. of Govt. of Delhi*
- Should have ISO certification of the manufacturing company.*

4. Terms & Conditions:-

(1) The bidder shall place his bids in two separate envelopes marked "Technical Bid" and "Financial bid". All documents in support of eligibility as well as another envelope containing DD/Pay order for EMD, in the favour of Registrar, IGDTUW Security Deposit S B Account, shall be placed in the envelope marked "Technical Bid". The offered rates shall be placed in the envelope marked "Financial bid". Both these bids should be superscribed with name of work and shall be placed in a third envelope which shall be superscribed "**Quotation for D.C Welding Rectifier Machine (for MMAW), Quotation for "Inverter based MIG Welding machine". Or Quotation for "Inverter based AC/DC TIG Welding machine"**".

Envelop1: Technical Bid

- a. This must contain original/downloaded tender document duly signed by authorized signatory on each page.
- b. Documentary proof of eligibility criteria as mentioned above.
- c. Covering letter and letter of submission
- d. Earnest Money Deposit in the form of DD/Pay order in the favour of Registrar, IGDTUW Security Deposit S B Account

Envelop2: Financial Bid: Duly filled and signed by authorized signatory as per attached annexure.

(2) The bidder has to deposit EMD in the favour of Registrar, IGDTUW Security Deposit S B Account

as follow:

1. D.C Welding Rectifier Machine (for MMAW) for Rs. 5000/-
 - 2 Inverter based MIG Welding machine for -----Rs. 4000/-
 3. Inverter based AC/DC TIG Welding machine for -Rs. 7000/-
- Total amount --Rs.16,000/-

(3) The bidder who want quote for single item may deposit EMD as mentioned against each.

(4) Bids without EMD will be summarily rejected.

(5) Conditional Bids will be summarily rejected.

(6) Bids received after due date & time shall be summarily rejected.

(7) The "Financial bid" of those bidders whose technical bids have qualified will only be opened.

(8) Rate must be quoted in Indian Rupees only net in figures & words inclusive of taxes, levies, cartage handling, loading, unloading etc.

(9) Delivery: - F.O.R. IGDTUW, Kashmere Gate Delhi-110006

(10) Manufacturer should have authorized service centre in Delhi/NCR.

(11) Delivery period:- 45 days from the date of supply order.

(12) The EMD of unsuccessful bidders shall be refunded immediately.

(13) The successful bidder have to submit a Performance Security Deposit @ 5% of the quoted value in the form of Demand Draft/Pay order drawn in favour of Registrar, IGDTUW, Delhi within 15(fifteen) days of the communication accepting the bid. EMD shall be adjusted toward Performance Security Deposit. The Performance Security Deposit shall be refunded without interest after completion of the guarantee period of 15 months.

(14) In case the successful bidder fails to deposit the Performance Security within the stipulated 15(fifteen)

days of the communication accepting the bid, the EMD shall be forfeited to IGDTUW absolutely.

(15) In case the successful bidder fails to supply the item(s) within the delivered period, a sum equal to 0.5% of the contract price per week or part thereof until the actual delivery subject to maximum of 10% of the value of supply order shall be deducted.

- (16) *The payment will be made after delivery and satisfactory installation of the equipment.*
- (17) *Taxes etc., if any, leviable shall be deducted at source.*
- (18) *The validity of the bid will be 120 days from the date of opening of financial bids. During the validity period, the successful bidder shall not be allowed to withdraw. In case of withdrawal, the EMD. EMD shall be forfeited to IGDTUW absolutely and no claim shall be admitted in this regard. Such bidder shall not be allowed to participate in the re-quotationing process.*
- (19) *The rates of successful bidder will be valid for 12 months from the date of issue of letter of acceptance.*
- (20) *University reserves the right to reject any or all the bids or accept them in part or reject the lowest bid without assigning any reason.*
- (21) *Unauthorized substitution or materials delivered in error of wrong description or quality or supplied in excess quantity or rejected goods shall be returned to the bidder at bidder's cost & risk.*
- (22) *Warranty of equipment/Machinery should be at least 2 years from the date of supply of Equipment/machinery. Proper training of 3-4 persons for 3 to 4 days should also be provided. The arrangement of consumables and other materials during training shall be the responsibility of vendor.*
- (23) *The successful bidder shall make all arrangements towards safe and complete delivery at the designated location indicated in the supply order. Such responsibility on the part of the bidder will include taking care of insurance, freight, state level permits etc. as applicable.*
- (24) *In case of any dispute relating to meaning, scope, manufacturing, operation or effect of this contract or the validity or the breach thereof, University and the contractor shall make every effort to resolve amicably by direct discussion/negotiation.*
- (25) *In case the dispute cannot be settled amicably within 30 days of the raising of dispute by either party, either party may seek settlement of the dispute by arbitration in accordance with the provisions of the Arbitration & Conciliation Act, 1996 and the award made in pursuance thereof shall be binding on all the parties. The sole arbitrator shall be appointed by Vice Chancellor, IGDTUW.*
- (26) *The performance under this contract shall not be stopped for any reason whatsoever during the said dispute/proceedings unless the contractor is specifically directed to do so by the University.*
- (27) *The venue of arbitration proceedings shall be Delhi/New Delhi. The language of proceedings shall be English. The law governing the substantive issues between the parties shall be the Laws of India. All disputes are subject to Jurisdiction of Delhi Courts only.*
- (28) *It is also a term of the contract that if any fee payable to the arbitrator, shall be paid equally by both the parties. It is also a term of the contract that the arbitrator shall be deemed to have entered in the reference on the date he/she issues notice to both the parties calling them to submit their statement of claims and counter statement of claims.*
- (29) *Force Majeure.*
For purpose of this clause, 'Force Majeure' means an event beyond the control of the contractor and not involving the contractor's fault or negligence and not foreseeable. Such events may include, but are not limited to, acts of the University either in its sovereign or contractual capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargo.
If a Force Majeure situation arises, the contractor shall promptly notify the University in writing of such conditions and cause thereof. Unless otherwise directed by the University in writing, the contractor shall continue to perform its obligations under this contract as far as reasonably practical and shall seek all reasonable alternative means for performance not prevented by Force Majeure event.

This NIT has also been uploaded on University website

		Max. Electrode Size	MM	5				
		Min. Electrode Size	MM	2.2				
		Insulation Class		H or F				

FEATURES

- inverter technology
- high operating frequency
- IGBT based
- High efficiency (>80%)
- Smooth and stable arc with minimum spatter
- Hot start / arc force control / soft arc control features available as standard
 - Controls provided for adjustments of Innovative Arc dynamics .

■ PROTECTIONS

- Voltage protections for over and under voltage
- Over Temperature
- Protection against Single phasing
- Protection as per IS standards
- All the Windings should be of Copper

STANDARD ACCESSORIES–

Electrode holder, Earth clamp, Welding cable (5m), Earth Lead (5m), Wire Brush,

- Hand Screen with Black Glass, Pair of Gloves must provide with each set

Name of equipment	Parameters of the equipment	unit	Technical Specifications (Approx.)	Qty	Unit rate	Amount In figure	Amount in ward
INVERTER BASED MIG WELDING MACHINE	Input voltage	volts	415 + - 10%				
	Phase	no	3				
	Frequency	Hz	50-60 HZ				
	Input current	Amp	23-31				
	Installed power	KVA	17				
	No load voltage	volts	65-75				
	Voltage adjustment range	volts	14-41				
	No load consumption	W	65				
	Current adjustment range	Amp	50-400				
	Suitable welding wire dia.	mm	0.8, 1.0,1.2				
	Welding current range						
	at 60% duty cycle	Amp	400				
	at 100% duty cycle	Amp	305				
Power factor	Cos Φ	0.9					
Efficiency		>85%					

	Insulation	Class	F or H				
	Cooling mode		Air cooling				

Standard Accessories

- Earth clamp
- MIG Torch gas cooled torch
- Welding cable (5m)
- Earth Lead (3m)
- Fast Plug
- Pressure regulator cum flow

Optional Accessories: Welding wire dia of 0.8 mm, 1.0mm and 1.2mm = 10kg (approx .) of each wire.

Features : It should be consist of

- inverter technology
- high operating frequency
- IGBT based
- Adjustable arc force, crater current, crater voltage, welding current and welding voltage.
- 2/4 –step welding mode switch.
- Welding wire dia selection
- Welding voltage and welding current can be preset and displayed digitally.
- PROTECTIONS
- Overheat protection, over current protection, under voltage protection.
- Protection against Single phasing
- Protection as per IS standards.

Name of Equipme-nt	Parameters of the equipment		unit	Technical Specificati ons (Approx.)	Qty	Unit rate	Amount In figure	Amount in ward
INVERTER BASED AC/DC MIXED TIG WELDING SYSTEM	Input	Input supply voltage	volts	415, +10%, -10%				
		Input current	Amp	25				
		Phase	no	3				
		Frequency	Hz	50/60				
		Input KVA :MMA	KVA	11.8				
		D C TIG	KVA	11.0				
		AC TIG	KVA	12.0				
	Output	Open circuit voltage	Volt	70				
		Current range	Amp	20-315				
		Power factor	cosΦ	0.9				
		Welding current range at 60% duty cycle 100% duty cycle	Amp Amp	315 244				
		Efficiency		>85%				
	General	Insulation	Class	F or H				
		Cooling	Type	Forced air				
		Protection to be provided		Thermal overload				

				Under voltage				
				Over voltage				
				Single phase				
		Set of tungeston electrodes consisting of						
		1) 1.6 DIA x 150mm Long		1no.				
		2) 2.4 DIA x 150mm Long		1no.				
		3) 3.2 DIA x 150mm Long		1no.				
		4) 4.0 DIA x 150mm Long		1no.				

Standard Accessories

- Earth clamp
- TIG Torch
- Welding cable (5m)
- Earth Lead (3m)
- Fast Plug
- Pressure regulator cum flow (Meter for argon gas(TIG))

Features: It should consist of

- In built Spot TIG Welding facility, AC/DC as well as Mixed TIG welding facility.
- In built PULSE TIG Welding controls with independent setting of all parameters from front panel.
- Cleaning width control in AC TIG welding enables user to adjust Oxide cleaning

Protection as per IS standards

TECHNICAL BID FORM

(Technical Bid should be kept in separate sealed cover super scribing "Technical Bid" on it).

Name of Work: Supply of :-

- 1. D.C Welding Rectifier Machine (for MMAW)- 02 Nos**
- 2. Inverter based MIG Welding machine-----01 No.**
- 3. Inverter based AC/DC TIG Welding machine—01 No.**

1. Name of the firm

2. Details E.M.D. 1. -----
2. _____
3. _____

- 3. Letter addressing to Registrar, IGDTUW" mentioning item/Items to be quoted.
- 4. Technical specifications of the items duly typed and signed (please do not use copy of specifications given in tender document)
- 5. Catalogue/Picture of item(s)
- 6. Copy of the one purchase order for each year of last three year
- 7. Certificate of authorize dealership /authorized distributorship.
- 8. ISO Certificate
- 9 Under taking
 - a. that it has not been barred or blacklisted by any of the Central/State government/Departments/Organizations/Central or State PSU*
 - b. that it will ensure fair trade practice.*
 - c. that the proprietor/partners of the agency do not have any relative employed with IGDTUW University.*
- 10. Copy of VAT Registration Certificate
- 11 copy of PAN Card
- 12. Annual Turnover dully supported by copy of Annual Accounts certified by the Chartered Accountant of last three years.

Date:

(Name & Signature of Tenderer
with Seal of the Agency)