

Bid Document

Bid Details	
Bid End Date/Time	23-07-2020 15:00:00
Bid Opening Date/Time	23-07-2020 15:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	45 (Days)
Ministry/State Name	Ministry Of Power
Department Name	Power Grid Corporation Of India Limited
Organisation Name	Power Grid Corporation Of India Limited
Office Name	Corporate Office Gurgaon
Total Quantity	1
Item Category	portable single operated rectifier type dc arc welding set suitable for manual arc welding process
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Bid to RA enabled	No
Inspection Required	No

EMD Detail

Required	No
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ePBG Detail

Required	No
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Splitting

Bid splitting not applied.

Portable Single Operated Rectifier Type Dc Arc Welding Set Suitable For Manual Arc Welding Process (1 pieces)

Technical Specifications

* As per GeM Category Specification

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Standards	Welding set conforming to IS:4559/1993 with latest amendments	Yes	Yes
	Capacitor conforming to IS:13340/2012	Yes	Yes
	BIS Marked	No	No
	If BIS marked provide CML No otherwise PUT NA	-	*
Performance Parameters	Type of welding set	Rectifier inverter based(IGTB) double bridge type	Rectifier inverter based(IGTB) double bridge type
	Type of electrode	-	*
	Rating of Capacitor to improve power factor	-	*
	Type of power supply	Three phase	Three phase
	Rated input voltage	415V,three Phase with trapping to compensate for variation in input supply	415V,three Phase with trapping to compensate for variation in input supply
	Current rating for rectifier type power source in ampere	400	400.0
	Maximum Continuous Automatic Current in ampere	310	310.0
	Maximum Continuous Hand Welding Current in Amp	400	400.0
	Open-Circuit Voltage in Volts	85	85.0
	Min Welding load voltage (at min welding current) in Volts	20	20.0
	Max Welding load Voltage(at max welding current) in Volts	36	36.0

	Maximum continuous welding current at 100% duty cycle(Amp @ duty cycle)	310	310.0
	Maximum continuous welding current at 60% duty cycle(Amp @ duty cycle)	400	400.0
	Trolley mount for rectifier type(May select NA in case of IGTB type welding set)	NA	*
	Type of welding current regulator	Step less Type	*
	Type of insulation level	Class H	*
	Type of cooling like natural air cool,force air cool etc	-	*
	Warranty in Years	2	2
Dimensional and Material Parameters	Dimension of electrode in mm	6.3	6.3, 4.0, 5.0, 6.0
	Overall Dimensions of Machine(L x D x H) (mm x mm x mm)	-	*
	Weight of Machine in Kg	40	*
	Material of Wheel	Cast Iron Wheel	*
Additional Parameters	Type of wheel	Bi-directional	*
	Overload protection on DC and AC side	Yes	*
	Provision of Earthing	Yes	*
	Installation and Demonstration	Yes	*
	Machine shall be provided with safety features to protect operator from possible injuries	Yes	*
	Operating and Instruction Manual provided with machine	Yes	*
Reports	Availability of Type Test Report from Central Govt /NABL/ILAC Accredited lab	Yes	*

Test report no	-	*
Test report date	-	*
Name of Lab	-	*
Address of Lab	-	*
Type of Tests report to be furnished to the buyer demand at the time of supplies	Yes	*

* Specifications highlighted in bold are the Golden Parameters.

* Bidders may note that In respect of non-golden Parameters, the specifications 'Values' chosen by Buyer will generally be preferred over 'Bid requirement (allowed Values) by the Buyer.

Additional Specification Documents

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Sai Reddy Vedula	572136,"POWERGRID CORPORATION OF INDIA LIMITED, 400/220 kV PAVAGADA POOLING STATION, Kyatagancherlu-Vill, Venkatamanahalli-Post, Pavagada-Taluk, Tumkur Dist, Karnataka-572136"	1	30

Bid Specific Additional Terms and Conditions

1. Scope of supply (Bid price to include all cost components) : Only supply of Goods
2. **Upload Manufacturer authorization:** Wherever Authorised Distributors are submitting the bid, Manufacturers Authorisation Form (MAF)/Certificate with OEM details such as name, designation, address, e-mail Id and Phone No. required to be furnished along with the bid.
3. Data Sheet of the product(s) offered in the bid, are to be uploaded along with the bid documents. Buyers can match and verify the Data Sheet with the product specifications offered. In case of any unexplained mismatch of technical parameters, the bid is liable for rejection.
4. Warranty period of the supplied products shall be 2 years from the date of final acceptance of goods or after completion of installation, commissioning & testing of goods (if included in the scope of supply), at consignee location. OEM Warranty certificates must be submitted by Successful Bidder at the time of delivery of Goods. The seller should guarantee the rectification of goods in case of any break down during the guarantee period. Seller should have well established Installation, Commissioning, Training, Troubleshooting and Maintenance Service group in INDIA for attending the after sales service. Details of Service Centres near consignee destinations are to be uploaded along with the bid

[This Bid is also governed by the General Terms and Conditions](#)

---Thank You---

