

Bid Document

Bid Details	
Bid End Date/Time	27-07-2020 18:00:00
Bid Opening Date/Time	27-07-2020 18:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	40 (Days)
Ministry/State Name	Ministry Of Railways
Department Name	Na
Organisation Name	N/a
Office Name	South Eastern Railway
Total Quantity	5
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 (5 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Standards	Welding set conforming	Yes	Yes

	to IS:4559/1993 with latest amendments		
	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	Conventional Rectifier type	Conventional Rectifier type
	Type of electrode	-	*
	Rating of Capacitor to improve power factor	-	*
	Type of power supply	Single phase	Single phase
	Rated input voltage	240V,single Phase	240V,single Phase
	Current rating for rectifier type power source in ampere	200	200.0
	Maximum Continuous Automatic Current in ampere	120	120.0
	Maximum Continuous Hand Welding Current in Amp	200	200.0
	Open-Circuit Voltage in Volts	70	70.0
	Min Welding load voltage (at min welding current) in Volts	20	20.0
	Max Welding load Voltage(at max welding current) in Volts	28	28.0
	Maximum continuous welding current at 100% duty cycle(Amp @ duty cycle)	120	120.0
	Maximum continuous welding current at 60% duty cycle(Amp @ duty cycle)	200	200.0
	Trolley mount for rectifier type(May select NA in case of IGTB type welding set)	Yes	*
	Type of welding current regulator	Step Type	*
	Type of insulation level	Class F	*
	Type of cooling like natural air cool,force air cool etc	-	*
	Warranty in Years	1	1
Dimensional and Material Parameters	Dimension of electrode in mm	3.15	3.15
	Overall Dimensions of Machine(L x D x H) (mm x mm x mm)	-	*
	Weight of Machine in Kg	7	*

	Material of Wheel	Cast Iron Wheel	*
Additional Parameters	Type of wheel	Uni-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	B. Srinivasa Rao	721301,Near CME gate, kharagpur workshop	5	45

Bid Specific Additional Terms and Conditions

1.Scope of supply (Bid price to include all cost components) : Only supply of Goods

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

---Thank You---