

### Bid Document

Bid Details	
Bid End Date/Time	21-07-2020 12:00:00
Bid Opening Date/Time	21-07-2020 12:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	60 (Days)
Ministry/State Name	Ministry Of Coal
Department Name	Materials Management
Organisation Name	Northern Coalfields Limited
Office Name	Singrauli
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	<b>Welding set conforming to IS:4559/1993 with latest amendments</b>	Yes	Yes
	<b>Capacitor conforming to IS:13340/2012</b>	Yes	Yes
	<b>BIS Marked</b>	No	No
	If BIS marked provide CML No otherwise PUT NA	-	*
Performance Parameters	<b>Type of welding set</b>	Rectifier inverter based(IGTB) double bridge type	Rectifier inverter based(IGTB) double bridge type
	Type of electrode	-	*
	Rating of Capacitor to improve power factor	-	*
	<b>Type of power supply</b>	Three phase	Three phase
	<b>Rated input voltage</b>	415V,three Phase with trapping to compensate for variation in input supply	415V,three Phase with trapping to compensate for variation in input supply
	<b>Current rating for rectifier type power source in ampere</b>	400	400.0
	<b>Maximum Continuous Automatic Current in ampere</b>	400	400.0
	<b>Maximum Continuous Hand Welding Current in Amp</b>	400	400.0
	<b>Open-Circuit Voltage in Volts</b>	75	75.0
	<b>Min Welding load voltage (at min welding current) in Volts</b>	24	24.0
	<b>Max Welding load Voltage(at max welding current) in Volts</b>	36	36.0

	<b>Maximum continuous welding current at 100% duty cycle(Amp @ duty cycle)</b>	310	310.0
	<b>Maximum continuous welding current at 60% duty cycle(Amp @ duty cycle)</b>	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	-	*
	<b>Warranty in Years</b>	1	1
Dimensional and Material Parameters	<b>Dimension of electrode in mm</b>	4	4.0
	Overall Dimensions of Machine(L x D x H) (mm x mm x mm)	-	*
	Weight of Machine in Kg	30	*
	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	Venu Gopal	231222,REGIONAL STORES, DUDHICHUA PROJECT, PO - KHADIA DISTT - SONBHADRA U.P.	1	30

#### **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---**