

Bid Document

Bid Details	
Bid End Date/Time	24-07-2020 15:00:00
Bid Opening Date/Time	24-07-2020 15:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Ministry Of Railways
Department Name	Northern Railway
Organisation Name	Stores
Office Name	Northern Railway
Total Quantity	1
Item Category	portable gas cutting machine with accessories
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 Gas Cutting Machine With Accessories (1 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Standards	Confirmity of Pressure Regulators used in Welding Cutting etc as per IS 6901 Latest	Yes	*
	confirmity of Blow pipe as per IS 7653 latest and BSEN 5172 latest	Yes	Yes
	BIS marked Cutting Torch	No	No
	If BIS marked Yes , Provide the CML Number otherwise put NA	-	*
Performance Parameters	Blow pipe shall have separate control knob for acetylene (Red Colour) and oxygen (Blue Colour).	Yes	*
	Supplied with Oxygen Cylinder	Yes	Yes
	Capacity of Oxygen Cylinder(in Cu-m) if no choose NA	7	7
	Acetylene cylinder	Yes	Yes
	Capacity of Acetylene Cylinder (in Cu-m)if provided otherwise put NA	6	6
	Size of tip for Blow pipes in mm	2	2
	Fuel gas	Acetylene	*
	Cutting capability	Straight Cut, Bevel Cut, Circle Cut all	Straight Cut, Bevel Cut, Circle Cut all
	Cutting capacity (in millimeters)	200	200.0
	Cutting speed range (in mm per min)	0-200	0-200
	Max. Cutting width (in mm)	0-500	0-500
	Material of Two Stage Oxygen Regulator and Two Stage Acetylene Regulator	fully forged brass body confirming IS : 6901 : 1980	*
	Range of Pressure Adjustment of Oxygen	-	*

Dimensional Parameters	Regulator (Kgf/Cm2)		
	Range of Pressure Adjustment of Acetylene Regulator (in Kgf/Cm2)	-	*
	Hose pipe for Acetylene and Oxygen	Yes	*
	Electric supply of 230 V $\pm 10\%$ AC, single phase, 50 Hz $\pm 3\%$ through a 3- core wire	Yes	*
	Maximum Current (in amp)	1	1.0
	Warranty (in years)	1	1
	Class of Insulation	H	*
	Hose Internal Diameter for Acetylene (in mm)	8	*
	Hose outside Diameter for Acetylene (in mm)	12	*
	Length of Hose for Acetylene (in meters)	5	*
	Color of Hose Pipe for Acetylene	Red	*
	Hose Internal Diameter for Oxygen	8	*
	Hose outside Diameter for Oxygen	12	*
	Length of Hose for oxygen (in meters)	5	*
	Color of Hose Pipe for oxygen	Blue	*
	Dimensions of Machine (L x W x H) (in mm x mm x mm)	-	*
	Weight of Machine (in kg)	35	*
	Horizontal Adjustment of Torch (in mm)	135	*
	Vertical Adjustment of Torch (in mm)	125	*
	Specify the Length of Cut for Straight Cut in mm , Diameter range for Circle cut in mm and Angle for bevel Cut in degree whichever applicable	-	*

Additional Parameters	Length of Power Cable with End Connectors (in meters)	10	*
	Cylinder Content and Outlet Pressure gauge to be provided	Yes	*
	Non Return valve to be provided	Yes	*
	Trolley for cylinders Movement to be provided	Yes	*
	Adjustable spanner 10 inch to be provided	Yes	*
	Spindle key- 1no to be provided	Yes	*
	Spark lighter- 1 no to be provided	Yes	*
	Emergency on/off switch to be provided	Yes	*
	Torch Cutting Angle (Must be in Range of 0 degree to 45degree)	45	*
	Length of aluminium track	1.8	*
	flash back arrestors confirming to IS to be provided	Yes	*
	Extra nozzle for torches:2Nos to be provided	Yes	*
	Circular cutting attachment to be provided	Yes	*
	Installation and Demonstration	Yes	*
	Machine shall be provided with all safety features to protect the operators from possible injuries	Yes	*
	Operating and Instruction manuals 2 sets	Yes	*
Reports	Availability of Type test report from Govt. Lab or any NABL/ILAC approved lab to prove conformity to the specification	Yes	*

Test report number	-	*
Date of test report	-	*
Name and Complete address of laboratory	-	*
Type Test report to be furnished to the buyer on 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	Dinesh Kumar	247001,AMM ETD DEPOT SAHARANPUR -247001	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---