

Tender No. 65.11.8069

SPECIFICATION OF AIR PLASMA CUTTING MACHINE

Sr.No.	Description		Firm remarks
1.	Parameters		
	Air plasma cutting having cutting capacity up to 25 mm on SS sheet and 30 mm in MS sheet having two step cutting ability		
	Arc Current	100 amp (in two step 50+50) Step-1 and step-2 facility Step-1 (1mm to 16 mm) Step-2 (16 mm to 30 mm) With duty cycle 100% at full load (100 amps)	
	Phase	3 (three)	
	Voltage	380/440 V, 50 Hz	
	Secondary voltage	260 to 280V	
	Line Current	50Amps	
	OCV (on load)	30 to 320 VDC	
	Power rating	18 KW	
	Insulation class	F	
	Protection	IP23	
	The Air plasma cutting torch should have (BICT) technology (Beam intensity cutting technology)		
2.	Spares	Essential consumable spares related to operation and maintenance for at least one year. Detailed list & Qty required of each spares and concomitant accessories should be specified. Cost of these Spares should be included in offer.	
3.	Warantee	As per IRS general Conditions i.e. 24 months	
4.	AMC	Tenderer are required to quote Separately for post warrantee CAMC for a period of 03 years after expiry of the warranty period of the M&P along with their offers. The AMC charge would be added to the FOR destination price quoted for M&P for the purpose of comparative evolutions of offer. AMC charges will be include all costs of personnel, spares etc except the cost of consumables required for day-to-day operation.	
5.	Performance/credential	Firm may mention supply details of item, authorization, NSIC registration, ISO certification etc and attatch/submit documentary evidence.	