

Tender No. 65.10.8071

TECHNICAL SPECIFICATION OF PLASMA CUTTING MACHINE

S/No	Description	Specification
1	Major parameters	Air Plasma Cutting having cutting capacity up to 25 mm on SS sheet and having two step cutting ability Arc Current- 100 amps (in two step 50:50) Step - 1 and step 2 facilities Step – 1 (1 mm to 16 mm) Step – 2 (16 mm to 25 mm) With duty cycle 100% at full load (100 amps)
2	Minor Parameter	3 Phase 380/440 V, 50 Hz Secondary Voltage – 260-280 V Line current – 50 Amps OCV (No load) – 300 to 320 VDC Power Rating – 18 KW Insulation Class – F Protection - IP 23 The machine to be manufactured from ISO 90001 & ISO 14001 certified factory
3	Concomitant Accessories.	The Air Plasma cutting torch should have (BICT) technology (Beam intensity cutting technology) with 8 mtr. long.
4	Optional Accessories	No.
5	Spares	Essential consumable spares related to operation & maintenance for at least one year.
6	AMC Requirement	No
7	Warranty requirement	As per IRS General Condition.
8	Special requirement	No
9	Make	Technology parameters India Pvt. Ltd., Model – MPT-30 or Similar.