Appendix - A

Technical specifications & TDs of Angle cutter (Electric)

S.No.	Parameter	Specifications	Trial Directives
1.	Motor	230V, 2600Watts ±10	Firm to submit OEM certificate on Gem along with Bid documents
2.	Current	15 Ampere three core electrical cord of 5 meter length with three pin plug	Firm to submit OEM certificate (for current) on Gem along with Bid documents. BoO to check the length of cord and 3 pin plug physically.
3.	No load speed	4900 RPM ±10%	Firm to submit lab test reports of Govt/ NABL accredited lab/International lab/OEM certificate on GeM along with bid documents
4.	Full load speed	Upto 3000 RPM ±10%	Firm to submit lab test reports of Govt/ NABL accredited lab/International lab/OEM certificate on GeM along with bid documents
5.	Blade Diameter	12 inch (300mm) (Diamond, Abrasive & Tungsten Carbide blades)	BOO to physically check the parameter
6.	Arbor	Max. 25 mm	BOO to physically check the parameter
7.	Cutting depth	Min. 100 mm	BOO to physically check the cutting depth by cutting concrete slab (M20 grading) of 100 mm thick
8.	Adjustability	Tool body adjustable up to 70°, detachable for wall cutting, guide wheels provided	BoO to physically check this parameter during trial
9.	Safety	a) Vacuum port for dust removal and debris shield b) Gear disengagement system to reduce kickback	BOO to physically check the parameter
	Optional	c) Rubberized wrap-around handle	BOO to physically check the parameter
10.	Accessories	a) 1 tungsten carbide blade, 1 Abrasive blade + 2 continuous rim diamond blades b) Carrying case c) Tool kit d) Operation & maintenance manual	BOO to physically check the accessories.