

Sl. No.	Description of item/equipment including detailed specifications and summary of its functions	Quantity Required
1.	<p>Air Cooled Spindle with Variable Frequency Drive – Spindle should be capable of producing output power of 10KW with 14 Nm torque at 7000 rpm.</p> <p><u>Specification for Spindle</u> Max. Power : 10.0KW Max. Torque : 14.0 Nm Speed Range : 0 - 20,000 rpm Rotation Direction : CW/CCW Operation Position : H/V Tool Clamping collet Standard : ISO 30 Cooling System : Fan DC 24V/0.43A Static Clamping Force : 2,300 -2,500 N Tool Release Pressure : 6 – 12 Bar</p> <p><u>Specification for Variable Frequency Drive</u> Nominal Input VAC: 480 Volts AC Input Range VAC: 380 to 480 Volts AC HP (CT): 15 Horsepower Amps (CT): 24 Amps Input Phase: 3 Max. Frequency: 600 Hertz Braking Type: DC Injection, Dynamic Braking Motor Control-Max Level: Open Loop Vector (Sensor less Vector) Closed Loop: No AC Line Regenerative: No Dynamic Braking Trans: Included Enclosure Rating: IP20</p>	01 No.