

Appendix-I(A)

Sr. no.	Name of the item with specifications	Qty.
1.	<p><u>CNC WIRE CUT EDM</u></p> <p>Technical Specification Table travel X,Y Axis (mm) - 320 x 400 Work table size L x W (mm) - 415 x 635 Max. work piece thickness (mm) - 500 Max. taper/100 mm thickness - $\pm 3^\circ$ Max. work piece weight (kg) - 400 Machine weight (kg) – Minimum 1700</p> <p>CNC Controller CRT Display - LCD monitor Control System - CNC P.C - Industrial PC Axis Control - 4 - axes (X,Y,U & V) X, Y axis guide ways - Linear motion guide ways for X, Y axis. Resolution - 0.001 mm Wire electrode dia - 0.18 mm (std), 0.15 mm, 0.12 mm Interpolation - Linear & Circular Programming - Incremental Least Input Increment - 0.001 mm Least command input - ± 0.001 mm Data Input / output system - USB port, regular key board and mouse; can read AutoCAD DXF Input power supply - 3 phase, 415 volts, 50 Hz with Neutral and Earth Total machine load - 1.5 KVA Display - Graphic display of part showing wire position Processing and data entry - New programs can be entered while cutting previous program Auto stop - Auto shut off at end of program Dielectric fluid - Soft water (D.M. water) + gel Dielectric tank capacity - 50 Liter</p> <p>OTHER FEATURES Max. cutting speed - 80 mm/ min Machining accuracy - 0.01 mm Best surface finish - Ra 1.25 to 1.75 A.C. - Not required up to 40° C Works on Window 7 operating platform Coolant filtering System - magnetic filter for coolant filtering No need to change wire guide for different wire diameters Two axis D.R.O. (STD) quick job setting is required 4 - axes synthesizer to cut different profiles at top and bottom Auto centre find, auto edge find, auto shut off at wire breakage and auto stop at the end of job.</p>	01