

Annexure-V

Compliance report

Note: The bidder is required to mention detailed specifications clearly in column named as Specifications from Bidder against each item as mentioned in below format. Please note that merely mentioning Yes/No in deviation column will lead to disqualification of the bidder.

(I) Name of Instrument : CNC WIRE CUT EDM (A)

Sr. No.	Specification of e-Tender	Specification of Bidder/Vendor	Deviation (Yes/No)	Remarks
1.	CNC WIRE CUT EDM 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 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>OTHER FEATURES</p> <p>Max. cutting speed - 80 mm/ min</p> <p>Machining accuracy - 0.01 mm</p> <p>Best surface finish - Ra 1.25 to 1.75</p> <p>A.C. - Not required up to 40° C</p> <p>Works on Window 7 operating platform</p> <p>Coolant filtering System - magnetic filter for coolant filtering</p> <p>No need to change wire guide for different wire diameters</p> <p>Two axis D.R.O. (STD) quick job setting is required</p> <p>4 - axes synthesizer to cut different profiles at top and bottom</p> <p>Auto centre find, auto edge find, auto shut off at wire breakage and auto stop at the end of job.</p>			
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(I) Name of Instrument : ULTRASONIC DRILLING CUM MILLING MACHINE (B)

Sr. No.	Specification of e-Tender	Specification of Bidder/Vendor	Deviation (Yes/No)	Remarks
1.	ULTRASONIC DRILLING CUM MILLING MACHINE Type of machine -Ultrasonic drilling cum milling machine with Table slide provision in X,Y direction Power -1000-1500Watt Ultrasonic generator Frequency -20-25KHz Axis movement -2- 3 Axis(Manual) Abrasive system -High volume abrasive system with digital flow control Horn size -1/2”&1” Titanium Horn Feed force control -0.5-5Kgf Tool height adjust -Preferred Machining tolerance - ± 0.1 mm Machine and control mounting -Fabricated compact structure with easy control accessibility with vibration isolator			