

SCHEDULE OF REQUIREMENTS**ITI : HIRAKUD****Schedule : 1 (Mechanical Machinery)**

SI No.	NCVT SI. No.	Description	Qty.	Delivery Schedule	Bid Security
Trade - MACHINIST					
1	05	Lathe general purposes all geared height of centers 150mm to below between centers 150 mm supplied with 3-jaw & 4-jaw chuck, face plate, taper turning attachment steadies etc and set of lathe tools.	01 No.	3 months	Rs.27000
2	10	Milling Machine universal horizontal (Motorized)No.1 with all attachments such as a)Universal head b)Vertical head c)Slotting attachment d) Rack Cutting Attachment e) Rotary Table f)Dividing head g) Adaptors, Arbors and collets etc for straight shank and mill from 3 mm to 30 mm.	01 No.		
3	11	Milling machine universal horizontal (motorized) No. zero with all attachments	01 No.		
4	02	Shaping machine 315mn stroke (Hydraulic) with all attachments	01 No.		
5	07	Drilling machine pillar 20 mm capacity	01 No.		
6	08	Radial Drilling Machine 1200 mm area motorized with tapping attachment.	01 No.		
7	06	Tool and Cutter Grinder 250 mm to admit 450mm between center- fully motorized work head supplied with tool rest of different types table clamps& other attachments.	01 No.		

Schedule : 2 (Welding Equipment)

SI No.	NCVT SI. No.	Description	Qty.	Delivery Schedule	Bid Security
Trade - WELDING					
1	59	Welding generator DC rotary set-200-300 amps with all accessories.	01 No..	3 months	Rs.10000
2	61	TIG welding set complete 300 amps AC/DC	01 No..		
3	64	Oxygen cutting machine (line & Circle)	01 No..		
4	75	Braze Weld Equipment Brazier which can be used with existing welding transformer	01 No..		
5	29	Weld Measuring Gauge fillet and butt	01 No.		
6	40	Metal Power Spray Equipment	01 No.		
7	50	Pressure Regulator Acetylene	01 No.		
8	-	Plasma Welding Machine	01 No.		
9	-	Metal Hardness Testing Machine	01 No.		

Schedule : 3 (MMV Equipment)

Sl. No.	NCVT Si. No.	Name of the Item with specifications	Qty.	Delivery Schedule	Bid Security
Trade - MMV					
1	94	Sectionized engine gear box and differential mounted on chassis	01 No.	3 months	Rs.8000
2	96	Vacuum assisted hydraulic brake assembly with vacuum booster	01 No.		
3	103	Steering Assembly –Power Steering	01 No.		
4	11	Spark plug cleaning and testing equipment	01 No.		
5	03	Engine tuning Equipment	01 No.		
6	14	Exhaust Gas analyzer	01 No.		
7	03	Dual angel tester	01 No.		
8	06	Engine Model with petrol injection	01 No.		
9	07	Engine model equipped with electronic Ignition system	01 No.		

Schedule : 4 (Measuring Instruments)

Sl. No.	NCVT Si. No.	Name of the Item with specifications	Qty.	Delivery Schedule	Bid Security
Trade - FITTER					
1	01	Electrical furnace with capacity 600 C to 1400 ⁰ C	01 No.	3 months	Rs.1600
2	68	Magnifying glass	01 No.		
3	18	Pipe cutter 6mm to 50mm wheel type	01 No.		
4	06	Dial test indicator .01mm on stand	01 No.		
5	05	Gauge Telescopic upto 150mm	01 No.		
6	22	Dial Vernier Caliper 0-200mmLCO 0.05mm(universal type)	01 No.		