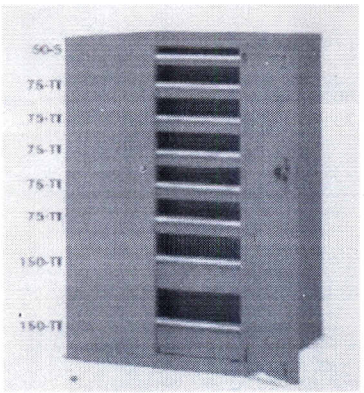


BHARAT HEAVY ELECTRICAL LIMITED		Indent No: C/3991/20103001/T Date: 21/07/2010			
SPECIFICATION CUM COMPLIANCE CERTIFICATION FOR TOOL CABINET= Qty 50 No.					
<p>1. The vendor should fill the "Offered" Column in compliance to specified requirements and also "Deviations" Column, where there is deviation from the requirement. Duly filled specification cum compliance certificate should be submitted along with the offer. Inadequate, incomplete, ambiguous or unsustainable information against any of the clauses of the specifications/ requirements shall be treated as non-compliance.</p> <p>2. The offer and all documents enclosed with offer should be in English language only.</p>					
SCOPE: SUPPLY, ERECTION & COMMISSIONING OF TOOL CABINETS=50 Nos.					
SL. NO.	DESCRIPTION OF BHEL REQUIREMENT	REQUIRED	OFFERED	DEVIATION	REMARKS
1	PURPOSE	REQUIRED			
	Tool cabinet are required for storage of cutting tools, inserts, fixture parts in New Blade Shop	Vendor to confirm			
2	Tool Cabinet Overall dimensions	717mm L x 750mm D x 1450mm H			
					
2.1	Internal clear height of the cabinet	1350 mm			
2.2	Overall Dimensional tolerance	As per IS:2102 FINE CLASS			
2.3	Cabinet should have 8 drawers and leaf door with central lock. The leaf doors shall be fixed to the cabinet body without the hinges being drilled, riveted, screwed or bolted to the cabinet body.	Vendor to confirm			
2.4	The cabinet should consist of 1 drawer of height 50mm, 5 drawers of height 75mm and 2 drawers of height 150mm. Except 50mm drawer, that is 87% extendable, all drawers should be fitted with telescopic slides extendable to 100% of their overall depth.	Vendor to offer			
2.5	Clear dimensions of drawer should be as under :				
2.5.1	50mm height drawer = 600mm L x 600mm D x 36mm H	Vendor to offer			
2.5.2	75mm height drawer = 600mm L x 600mm D x 61mm H	Vendor to offer			
2.5.3	150mm height drawer = 600mm L x 600mm D x 136mm H	Vendor to offer			
2.6	Drawer base should be formed of perforated panel with circular perforations at a pitch of 17mm. Each perforation should have a diameter of 4mm. Each drawer will have a set of 2 slotted and 3 cross partitions made of galvanized steel	Vendor to offer			
3	The cabinet shall be provided with central locking and anti-tilt mechanism that ensures that only one drawer can be opened at a time in order to prevent accidental toppling Cabinet with door.	Vendor to confirm			
4	MATERIAL AND LOAD CAPACITY				
4.1	All components forming the cabinet should be made from CRCA steel. Cabinet should be made of steel of thickness 1.6mm and drawers of 1.25mm thickness.	Vendor to offer and Provide TC & GC			
4.2	Load capacity of drawers should be as under:- 50mm height drawer = 60 Kg UDL 75mm height drawer = 200 Kg UDL 150mm height drawer = 200Kg UDL Overall load capacity of cabinet should be 3100 Kg UDL	Vendor to offer and demonstrate			
4.3	HANDLE: Rigid aluminum extrusion holder cum label handle to be provided for each Drawer.	Vendor to offer			

SL. NO.	DESCRIPTION OF BHEL REQUIREMENT	REQUIRED	OFFERED	DEVIATION	REMARKS
4.4	Fasteners (if any) used during assembly must not rust.	Vendor to offer			
4.5	Vendor should provide TC & GC	Vendor to provide			
5	Pre-Treatment Paint/anti-corrosion coatings				
5.1	All components should go through a 7 step anti rust anti corrosion treatment with hot oil treatment. All components of the cabinet except the slides should be powder coated with Polyester Epoxy 50-50 blend to a thickness of 80 microns and the painting process should follow the criterion mentioned in table below.	Vendor to offer and demonstrate			
	PARTICULARS				
5.1.1	Shade :	RAL 6011 APPLE GREEN			
5.1.2	Dry Film Thickness (Microns)	50 – 80			
5.1.3	Gloss @ 60°	65 TO 75			
5.1.4	Impact (Kg Cm)	150			
5.1.5	Scratch Hardness (Gms)	3000 G			
5.1.6	Pencil Hardness	2H			
5.1.7	Particle Size Distribution				
5.1.7.1	Under 32 Microns	43%			
5.1.7.2	Under 63 Microns MIN	92%			
5.1.7.3	Under 90 Microns	MIN 99%			
5.1.7.4	Under 125 Microns MIN	100%			
7	Pre-dispatch Inspection: Detail pre-dispatch inspection will be carried out by BHEL representative at party's works & vendor give PDI call minimum 15 days in advance	Vendor to confirm			
8	Packing : Vendor to provide the rigid packing & should ensure that item should not damage during transit and during loading unloading	Vendor to offer			
9	Commissioning : The tool cabinets should be commissioned at BHEL by representative(s) of vendor.	Vendor to confirm			
10	Warranty: Vendor to offer warranty for 5 years against malfunctioning, manufacturing defects with complete replacement.	Vendor to confirm			
11	List of customer and addresses to whom similar tool cabinets are supplied	Vendor to provide			
12	Qualifying Requirement : Vendor should have ISO 9001: 2000 Certification.	Vendor to confirm			