

SPECIFICATIONS FOR CIVIL, ELECTRICAL AND FURNITURE WORK
PREPARED BY CPWD

CIVIL WORKS:

ITEMS	SPECIFICATIONS ADOPTED BY CPWD	REQUIRED SPECIFICATIONS	RATES APPROVED BY CPWD	REVISED SPECIFICATIONS
Flooring	Cermic tiles flooring confirming to IS:13755 (commonly used tiles Kajaria/Somani/Bell or Equivalent Group-V)	IS:13755	Competitive Market Rates	Same/Vitrified no-skid tiles (Commonly used tiles are Rak, Johanson, Navin or equivalent) Through Competitive Market rates.
Window	Aluminium windows of aluminium sections confirming to IS:733 and IS:1285. Anodized coating confirming to IS:1868 coating not less than AC 15 (15 micron) Glazing of thickness not less than 5 mm. thick glass.	IS:733 And IS:1285	DSR-97	Same
Window Grills	Aluminium grill 7.5 mm.thick with anodizing of 15 micron confirming to IS:1868 (commonly used DG 102, DG 202 of Hindalco)	IS:1868	Competitive Market Rates	Same
Finishing	Finishing walls with oil-bound distemper after preparing the surface smooth with putty.		DSR-97	Same/Plastic Emulsion Paint after preparing the surface smooth with puty/POP as per DSR-2002

FURNITURE WORKS:

ITEMS	SPECIFICATIONS ADOPTED BY CPWD	REQUIRED SPECI- ICATIONS	RATES APPROVED BY CPWD	REVISED SPECI- FICATIONS
Board	3 layer pre-laminated particle board on 3-layered plain particle board with post lamination. The board should be exterior grade confirming to IS:12823 Grade-I, Type-II	IS:12823	Competitive Market Rates	Same
Post form lamination/ Edge sealing	Post form lamination should be of 0.7 mm. thick confirming to Merino/Formica or equivalent. All edges of laminated boards shall be sealed with edge banding tape 0.7 mm. thick and 2 mm. thick for concealed and exposed edges respectively glued with edge bending machine at a temperature of 200°C.		Competitive Market Rates	Same
Fittings	*Locks – Godrej or Keyman or equivalent; *Auto closing Hinges:Earl Bihari or equivalent; *Drawer slide: Earl Bihari or equivalent; *Knob:ITALICA or equivalent; *Mini Fix fittings: HITTACHI, ARIER EFFICIENT			

	GADGETS LTD. Or Earl Bihari or equivalent;			
Fabrication of furniture	Fabrication with machines in factory only			Same

ELECTRICAL WORKS:

ITEMS	SPECIFICATIONS ADOPTED BY CPWD	REQUIRED SPECI- ICATIONS	RATES APPROVED BY CPWD	REVISED SPECIFICATIONS
Light Fittings	Fluorescent Tube Lamps (FTL) with conventional choke.	Standard fittings of Reputed manufacturers	Competitive Market Rates	*Energy efficient Compact Fluorescent light fittings(CFL) with electronics choke *Modular switches.