

Schedule 'A'

Annexure-I

Name of work :Epoxy Flooring suitable for Air Caster Movement in New Transformer Block at BHEL, Bhopal

Sl.No.	Description of item	Qty	Unit	Rate	Amount
				Rate to be quoted by the contractor	
1	SURFACE CLEANING Cleaning of Surface free from dust, dirt, moisture & all foreign material from the floor. All floor is to be cleaned by means of scrubber, Acid Itching is done to the floor followed by alkaline wash & then it is cleaned by healthy water wash. Then the floor is cleaned by using the solvent/degreaser/Cleaner to remove all residues. For floor cleaning all mechanized equipments are to be used like scrubber, sanders, hot air blowers, vacuum cleaners, moisture test machine etc.	6500	sqm		
2	EXPANSION JOINT: Expansion Joint if needed shall be cut by the applicator in the concrete @ 30m to the required depth & width. Then expansion joints edge shall be checked if required to repair the same upto the correct width, clean all sort of loose dust, oil grease etc. by means of vacuum cleaner, air blower and other mechanical tools. Then insert polystyrene based back up rod (high density) of approximate dimension i.e. around 30mm dia for 25mm wide joint in the prepared expansion joint provide bond breaking tape on both sides of the joints and over the back up rod in the entire length of the joint. Apply compatible primer on both the sides of the expansion joint. Apply filling material based on polyurethane with a shore hardness of approx. 80 in the joint after proper mixing the same with the help of mechanical stirrer and apply by means of polysulphide gun. After finishing the tip surface, remove the tape all as specification and direction. Expansion joint filling size: 25mm thick and 12.5mm depth.	200	Rm		
3	Providing & application of concrete primer on clean floor to give good bonding to substrate then applying a sandwich layer of glass fibre reinforced layer between two primer layers. Total thickness including the primer layer shall be 800-1000 microns. Epoxy screed of 5 mm thick high density and highly abrasion resistance is laid with trowel and levelled by using electric floater machine to get proper surface and good strength. Levelling of screed material with floater m/c. Top coating of different shades of colour of 2000 microns with self leveling epoxy ,material by means of specials rollers and other tools with providing yellow banding for demarcating the area with 100 mm to 150 mm width.	6500	sqm		
				Total= Rs	

Sr.Engineer (MOD/Civil)

