

SCHEDULE 'A'					
Annexure-I					
Name of work: Epoxy coating of Floor in IMM winding, SCR, CIM & TGM block inside factory area.					
Sr.No.	Description of item	Qty.	Unit	Rate	Amount
1	Surface preparation by grinding and cleaning with solvent. Repairing damaged floor with High strength Epoxy Mortar/Heavy Duty Industrial Screed to give the proper level to the surface. Apply seal coat/primer of approved quality. Finally apply 1000 micron (average) thick Self Levelling epoxy approved colour topping on the prepared surface with notch towel and spike roll to remove air bubbles. All work to be done as per manufacturer's specifications and instruction of Engineer in charge. All material to be got approved before start of work.	3850.00	sqm	900.00	3465000.00
2	Surface preparation : Removal of existing old coatings/paintings from concrete floor by using scarifying machines, sanders, scrubbing machines, wire brushes and other mechanical tools.Oil contaminated areas/oil soaked areas must be degreased with the help of universal degreaser or flame burning by mechanical, chemical or any other suitable means. Make entire area dust free and dry with the help of high capacity vacuum cleaner and hot air blowers. Then it should be washed thoroughly by solvent cleaning/detergent washing acid cleaning. This process must be repeated upto satisfaction of Engineer-in-charge to ensure permissible limit of moisture & oil content.	3000.00	sqm	200.00	600000.00
3	Repairing of cracks, erosion, crumbled joints, small size damages, pot holes, etc., in the concrete floor with fast setting cementations micro concrete, epoxy resin based putty or polymeric mortar including cutting in regular shape etc., complete.	1000.00	cubic decimetre	230.00	230000.00
4	Expansion joint edge must be checked if required to repair the same upto correct width, clean all sort of loose dust, oil grease etc by means of vacuum cleaner, air blower and other mechanical tools. Then insert expanded polystyrene based back up rod (High density) of appropriate 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 backup rod in the entire length of the joint. Apply compatible primer on both sides of expansion joint. Apply polysulphide based sealant in the joint after proper mixing the same with the help of mechanical stirrer and apply by means of polysulphide gun. After finishing the top surface, remove the tape all as specification and direction. Expansion joint filling size 25mm thick.	500.00	metre	450.00	225000.00
5	Providing and laying 5mm thick high density/highly abrasion resistant epoxy resin floor based screed flooring (compressive strength 65N/sqmm, flexural strength 28N/sqmm) topped with average 1.0mm to 1.5mm thick approved coloured topping of self levelling epoxy flooring (compressive strength of 50N/sqmm and flexural strength of 30N/sqmm) after application of two coats of compatible and appropriate primer on the prepared surface.	5324.00	sqm	1600.00	8518400.00
					13038400.00

%age rate to be quoted

In figures :

In words :

Note :1

Contractor have to stand five years guarantee for his work. In case of any defect during the gaurantee period, the same has to be made good by the contractor free of cost. S.D. will be kept with BHEL against above defect liability period of five years.

2

Contractor have to submit the specifications and testing procedure for the material to be used in the work.

3

All the material to be Tested in BHEL Lab/ other Govt.approved lab and to be got approved before application.

Signature of Contractor & Seal

Sr. Engineer(C)FCX/Plg.

SCHEDULE 'A'

Annexure-I

Name of work: Epoxy coating of Floor in IMM winding, SCR, CIM & TGM block inside factory area.

Sr.No.	Description of item	Qty.	Unit	Rate	Amount
NIL					

Signature of Contractor & Seal

Sr. Engineer(C)FCX/Plg.