



**BHARAT HEAVY ELECTRICALS LIMITED  
RAMACHANDRA PURAM:: HYDERABAD:: 32  
FACTORY CIVIL ENGINEERING DEPARTMENT**

SCHEDULE- A

Tender Notice No:

**PRICE BID**

HY/FCD/R-01/2008-09 , Dt:22.10.08

**Item no: 1**

**Name of work:- Painting of shop floor with Epoxy paint in 70 Pump shop**

S.No	Description of the item	Qty	Unit	Rate in		Amount (Rs)
				Fig	words	
1	Applying Epoxy paint of make from M/S Grand Polycoats company Pvt Ltd to shop floor (on concrete surface) as per the manufactures specification as detailed below.The rate shall include cost of labour, tools etc., except the cost of paint which will be issued on FREE of cost at BHEL stores.	950	One sq.m			

**Total:** \_\_\_\_\_

**1 Self leveling epoxy system for concrete floor.( Thickness 2mm)**

**Step – 1: Surface Preparation :-**

It is recommended to remove any contaminants, oil, chemicals, water, etc. and the same should be completely dry. It is recommended to clean concrete floor by acid etching or mechanical means to provide better adhesion for coating system. Then thoroughly clean the surface by water to remove any traces of acids, dust dirt etc. and ensure complete drying of surface before application of coating system.

**Step – 2: Application of Epoxy Mortar:**

Apply epoxy mortar GP FC Mortar for filling of cracks, construction joints, and pot holes in the concrete surface after application of epoxy based primer GP Prime FC 708 on properly prepared surface. GP FC Mortar is three component, Wherein base, hardner and filler are to be mixed in recommended ratio and after homogeneous mixing the same is to be applied by trowel.

**Step-3: Application of Epoxy based Primer -GP Prime FC 708.**

On properly prepared surface apply one coat of GP Prime FC 708 by brush to a thickness of 50 microns. This product is in two components, wherein base & hardner are to be mixed in ratio of 3:2 and after its homogeneous mixing the same is to be applied by brush or roller.

**Step – 4: Application of Epoxy based topping .-GP SL GUARD FC 721 HT.**

After application of primer, apply GP SL GUARD FC 721 HT at a thickness of 2mm with approximate covering capacity of 0.5 square meters per litre. GP SL GUARD FC 721 HT shall be applied when the primer is still tacky between 4 to 6 hours. GP SL GUARD FC 721 HT is a two component solvent less self smoothening epoxy wherein base and hardner are to be mixed in recommended ratio and after its homogeneous mixing the same is to be applied by trowel. Immediately after laying the material should be rolled using a spiked nylon roller to remove slight trowel marks and to assist air release.

Name of the Contractor(S)

Signature of the contractor

Accounts Representative

Opening Officer