

BRAHMAPUTRA VALLEY FERTILIZER CORPORATION LIMITED, NAMRUP
Civil Engineering Department

Name of work: Civil maintenance jobs in DM - III Plant

SCHEDULE OF QUANTITY / ABSTRACT OF COST

Sl. No	Description of items	Unit	Qty	Estimated	
				Rates (in word and figure)	Amount (')
1	Providing and laying Acid proof tiles of different size (thickness 20 to 35 mm) laid on 12 mm thick cement mortar 1:2 (1 Cement : 2 river sand), Jointing with epoxy mortar of mixture 1: 0.5 : 9 (1 Areldite : 0.5 hardner : 9 Quartz sand) of thickness 5 to 10 mm as per direction of E.I.C (Required tiles shall be supplied free from BVFCL)	Sqm	20.00		
2	Providing and laying 5 mm thick epoxy screeding consisting of araldite GY 257, 100 parts by weight, hardener - Aradur 140 - 50 parts by weight plus quartz sand 900 parts over primed surface with primer araldite GY 257, 100 parts by weight and hardener - Aradur 140 - 50 parts by weight including application of two coats, based on araldite GY 257, 100 parts, hardener - Aradur 140 - 50 parts, flow control agent 1 to 3 % with acrosil DTO 75, 3 parts complete as per ciba gaigy specification or approved quality of epoxy resin and hardner as per manufacture's specification including preparation of surface to receive the treatment	Sqm	98.00		
3	Painting with anti-corrosive black bitumastic paint mixing with Epoxy resin and hardner (one or more coats) at all locations prepared and applied as per direction of EIC including preparation of surface, etc. complete.	Sqm	150.00		
4	Providing & laying cement concrete 1:2:4 (1 cement : 2 river sand : 4 stone aggregate 20 mm nominal size) up to plinth level excluding the cost of centering and shuttering (REF: Item no.4.1.3 , Page no.- 137, AOR 2016, Vol-I).	Cum	5.00		
5	12 mm cement plaster of mix 1:3 (1 cement : 4 river sand),	Sqm	80.00		
6	Dismantling CC works including disposal of unserviceable materials upto a distance of 50M lead outside the periphery of area cleared.	cum	1.00		
7	Removing existing damaged epoxy lining / screeding work including disposal of unserviceable materials up to designated site within factory area and lift up to 15 meter and lead 50 meter as per direction of engineer in charge at site	sqm	70.00		
Total Amount excluding Taxes `					