

## Renovation of VEF at Building No.5, Damodar Park

### Bill of Quantities

Sr. No.	Item	Qty	Unit	Rate(Rs.)	Amount(Rs.)
1	Dismantling doors, windows and ventilators shutters including chowkhats,hold fasts etc. and disposing away the dismantled materials to the municipal dumping ground.	33.00	sq.m.		
	<b>Rates in Words</b>				
2	Removing of flushing cistern ( including stacking useful materials near the site and disposal of unserviceable materials in the BMC dumping ground) and refixing the same after tiling of dado and replacing the outlet pipe with PVC pipe of approved brand and size	4.00	No.		
	<b>Rates in Words</b>				
3	Dismantling GI pipes form passages ,kitchens, bathrooms and toilets , including all fittings,from the walls, floors etc. : 15 mm to 20 mm nominal dia	4.00	No.		
	<b>Rates in Words</b>				
4	Dismantling kitchen platform top and sink and making good the support system to overall height of the cooking platform 750 mm to facilitate new kitchen plateform	4.00	No.		
	<b>Rates in Words</b>				
5	Dismantling old plaster, raking out joints and cleaning the surface for plaster including disposal of debris to the BMC dumping ground	15.00	sqm		
	<b>Rates in Words</b>				
6	Dismantling of old tiles from flooring ,dado, skirting and similar locations and disposing to the BMC dumping ground	80.00	sq.m.		
	<b>Rates in Words</b>				

7	P/f 1 mm thick mild colour laminate on flush doors, adjusting the door size if required	8.00	sqm		
	<b>Rates in Words</b>				
8	P/f ISI mark 35 mm flush door shutters with non decorative type, core of block board construction with 2nd class teak wood lipping 10 mm thick on all edges of shutters, including SS buitt hinges , aliminium handles and bolts on both sides and 1 mm thick mild colour laminate of approved make and shade on both side of the door inclusive of fasteners, adhesive all completeas directed.	8.00	sqm		
	<b>Rates in Words</b>				
9	Providing and fixing powder coated aluminium work for doors, windows, ventilators etc. with extruded built up standard tubular and other sections of approved make fixed with rawl plug and screws or with expansion hold fasteners including necessary filling up of gaps at top, bottom and sides with required PVC/ neoprene felt etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle				
	aluminum snap on beading for glazing/panelling, CP brass / SS screws, all complete as directed and filling the joints between the granite sill and aluminium frames with necessary water proof sealant like silicon sealant etc. ( payment will be made as per the weight of aluminum section only )				
a	fixed portion	35.00	kg		
	<b>Rates in Words</b>				
b	for shutters in door, windows including p/f hinges/ pivots/ handles /locking arrangement including the cost of PVC/ neoprene gasket required	80.00	kg		

	<b>Rates in Words</b>				
c	P/f glazing in aluminum windows with PVC/ neoprene gasket etc. complete as directed: with 4.0mm thick plain glass panes	28.00	sq.m.		
	<b>Rates in Words</b>				
10	P/f Ceramic tiles of size 300mmx200mm of mild colour and approved shade in dado of Johnson or approved make with cement mortar (1:4), up to required thickness including grouting the joints with white cement all complete as directed by engineer in charge	70.00	sq.m.		
	<b>Rates in Words</b>				
11	P/f anti skid ceramic tiles of size 300mmx300mm of mild colour and approved shade in floor using Johnson or approved make with cement mortar (1:4), up to required thickness including grouting the joints with white cement all complete as directed	15.00	sq.m		
	<b>Rates in Words</b>				
12	P/f MS Grill work for windows including cutting, bending, hoisting, welding , metal priming with redoxide paint etc. all complete for extending the existing window grill with similar section and pattern as directed	55.00	kg		
	<b>Rates in Words</b>				
13	Providing and fixing 50 mm PVC waste pipe	7.00	m		
	<b>Rates in Words</b>				
14	P/f aluminium powder coated ventilator with louver window of standard section with frosted glass for toilet and bath rooms as per the sample provided at falt no.5C97	4.00	sq.m.		
	<b>Rates in Words</b>				

15	Providing and applying cement plaster in fine sand of mix 1:6 ( 1 cement : 4 sand) up to 20 mm thickness	15.00	sqm		
	<b>Rates in Words</b>				
16	P/f GI pipes ( B Class) complete with specials and clamps including cutting and making good to the walls and coating the pipes with bituminastic paints and hessian clothes: 15 mm nominal dia	2.00	m		
	<b>Rates in Words</b>				
17	Same as above but with concealed pipe including all fittings and cutting the walls and making good to with cement mortar: 15 mm nominal dia	70.00	m		
	<b>Rates in Words</b>				
18	P/f 15 mm CP bib cock of Seiko/ kingston/ Parko/Gem make	16.00	no.		
	<b>Rates in Words</b>				
19	P/f chemical based water proofing as per the manufacturer specification for WC and Bathroom, including dismantling of flooring and brick bat coba , water proofing to sunken floor and walls up to 45 cm above the floor level, ponding for 48 hours,20 mm ( 1:4) cement plaster over the water proof coating ,replacing nahani trap and all underlain pipes and connectors, renewing brick bat coba, 1:4 cement palster over the coba all complete ( Payment will be made as per the floor area of the WC/ bathroom)	3.50	sq.m		
	<b>Rates in Words</b>				
20	P/f cuddappa slab of appx. thickness 35 mm for horizontal support of granite kitchen platform including the cost of fixing with 1:4 cement mortar to required thickness	14.00	sq.m		
	<b>Rates in Words</b>				

21	Providing and fixing 18 mm thick mirror polished, machine cut and molding for the exposed edges on front and sides of of black granite for kitchen platform and similar location of required size of approved colour and texture laid over 20 mm thick cement mortar 1: 4 with joint treated with white cement , mixed with matching pigment , epoxy touch ups, including rubbing, curing etc. complete at all levels as directed	6.50	sq.m.		
	<b>Rates in Words</b>				
22	White Wash : Providing and applying two or more coats of white wash as per specifications to walls and ceiling including adding approved adhesive/ glue , preparing the surface , removing old white wash etc. as directed , replastering the damaged patches of plaster not exceeding 0.10 sq.m. area with cement mortar , scaffolding etc. complete as directed	160.00	sqm		
	<b>Rates in Words</b>				
23	P/f water closet with all fittings and fixtures complete including cutting and making good to the walls and floors wherever required : white vitreous OWC of size 580 mm x 440 mm integral type foot rest	1.00	no.		
	<b>Rates in Words</b>				
24	P/f 100 mm dia SS grating for floor	8.00	no		
	<b>Rates in Words</b>				
25	P/f 15 mm CP stop cock of Seiko/ kingston/ Parko/Gem make	24.00	no.		
	<b>Rates in Words</b>				
26	P/f CP shower rose of Seiko/ kingston/ Parko/Gem make ( 150 mm dia)	4.00	no.		
	<b>Rates in Words</b>				
27	PVC waste pipe for wash basins including all PVC fittings : 32 mm nominal; dia	8.00	no.		

	<b>Rates in Words</b>				
28	P/f 32 mm CP Brass bottle traps for existing wash basins	3.00	no.		
	<b>Rates in Words</b>				
29	P/f vitreous wash basin(450mmx300mm) with CI/MS brackets , 15 mm CP brass Pillar taps ( Parko/ Seiko/Gem make ) 32 mm CP brass bottle traps, waste coupling, cutting and making good to the wall	1.00	no.		
	<b>Rates in Words</b>				
30	P/f vitrified tiles of size 600mmx600mm ( Bianco Beige shade of Johnson or equivalent ) on the existing floor with tile fixing adhesive as per the manufacturer instruction up to required thickness including grouting the joints, all complete .	155.00	sq.m		
	<b>Rates in Words</b>				
31	P/f vitrified tiles of similar pattern and shade of item no.30 for skirting of 10 cm height with cement mortar of 1:4 , grouting the joints and side with white cement all complete as dieted	180.00	Rm		
	<b>Rates in Words</b>				
32	Cutting and removing the bottom portion of the wooden door frames ( below the hinge ) of WC and bathroom and to make PCC ( 1:2:4) blocks of same size to the floor concrete, dismantling flooring, shuttering, curing all complete	8.00	no.		
	<b>Rates in Words</b>				

33	Providing and fixing 18 mm thick mirror polished, machine cut and molding for the exposed edges of Jiaslmer marble for window frame, etc. and similar location of required size of approved shade, coloured and texture laid over 20 mm thick cement mortar 1:4 with joint treated with white cement, mixed with machine pigment, epoxy touch ups, including rubbing, curing etc. complete at all levels as directed	11.00	sqm		
	<b>Rates in Words</b>				
34	P/f stainless steel (600 mm x 450 mm x 175mm) kitchen sink (Nirali or equivalent) with waste coupling and waste pipe, cutting and making good to the walls wherever required	4.00	no.		
	<b>Rates in Words</b>				
35	P/f 15 mm CP brass Pillar cock for wash basins (seiko, Gem, Prako etc.)	4.00	nos		
	<b>Rates in Words</b>				
36	P/f 25 mm CP brass towel rods (60 cm long)	4.00	nos		
	<b>Rates in Words</b>				
37	P/f CP brass long body bib cock of approved quality	4.00	nos.		
	<b>Rates in Words</b>				
38	P/f a pair of white vitreous china foot rests of standard pattern for squatting pan water closet of size 250 x 130 x 30 mm with cement mortar 1:4	3.00	pairs		
	<b>Rates in Words</b>				

39	Oil Bound Distemper : Providing and applying two or more coats of oil bound distemper of approved manufacturer and shade as per specifications to the interior surfaces of walls, ceilings,beams,columns, etc. and finishing smoothly including scaffolding etc. complete as directed. The internal surfaces should be prepared by removing old painting and neeru and applying a coat of POP for smooth finish as necessary and applying one coat of cement primer	450.00	sq.m		
	before painting the old and new surfaces including finishing with putty etc. wherever required , removing damaged portion of plaster and replastering in patches with cement mortar in 1:4 to match surrounding POP in patches or stretches and to match the adjacent surfaces at all levels and floors and disposing off the debris, curing, scaffolding etc. complete as directed				
	<b>Rates in Words</b>				
40	Synthetic Enamel Paint ( Wood Surface ): Removing by scrapping old blistered paint completely and preparing the old painted surfaces suitably as directed and providing and applying two or more coats of 1st quality synthetic enamel paint of approved manufacturer and shade to wood work/ commercial board surfaces in doors, windows, shelves, etc. and finishing smoothly including applying one coat of primer to the new or old surfaces as required at site scaffolding etc.	14.00	sq.m.		
	<b>Rates in Words</b>				

41	Synthetic Enamel Paint ( Metal Surface ): Removing by scrapping old paint completely and cleaning with rust remover to prepare the old painted surfaces suitably as directed and providing and applying two coats of 1st quality synthetic enamel paint of approved manufacturer and shade to grills etc. and finishing smoothly including applying one coat of primer to the new or old surfaces as required at site scaffolding etc.	38.00	sqm		
	<b>Rates in Words</b>				
42	French spirit polish : two or more coats on wood works including a coat of wood filler and removing old polish	16.00	sqm		
	<b>Rates in Words</b>				
43	Rebate for taking away all removed items like windows and ventilators shutters and frames, old pipes, plumbing and sanitary fittings etc. removed from the all four flats	-1.00	job		
	<b>Rates in Words</b>				

**Grand Total**  
**Total in Words**

**Date**

**Seal and Sign of Contractors**

**Place**