

Name of work:- SR to 32 Unit Filter House Qtr at Rajkot.(Providing Door,CRC Cup-board,Patch plaster,Color work, Toilet Repairing and other Miscellaneous work)					
Specification Index					
Sr. No.	Description	Vol. No.	Page No.	Para No.	Remarks
1	2	3	4	5	6
1	Finishing wall with weather proof exterior emulsion paint on wall surface (two coats) to give an required shape even shade after thoroughly brushing the surface to remove all dirt, and remains of loose powdered materials.etc complete	I	135	18.51	Use Exterior emulsion paint instead of cement paint.
2	Providing and fixing pre-fabricated semi circular colour FRP Chhajja using 25 x 25 x 2 mm CRC square pipe section frame work and FRP sheet 2.00mm thick fixing with American bolts including necessary priming coat and two coats of oil paint to CRC square pipe as directed.	II		As per attached Seperated sheet	
3	Providing erecting and fixing double coated ISI water tank of required capacity each with all necessary fittings and connection etc. complete on terrace	II		As per attached Seperated sheet	
4	Providing and Fixing cupboard framing and shutters of CRC sheet of 18 Guage including cutting, welding, fixing with wall with one coat of primer and two coat of oil painting and using with locking system including all labour etc..comp.	II		As per attached Seperated sheet	

5	Providing 20mm thick cement plaster in single coat on single or half brick walls for exterior plastering upto floor two level and finished even and smooth in (ii) Cement mortar 1:4 (1-cement :4-sand)	I	121	17.61(II)	
6	Providing 15mm thick cement plaster in single coat on Rough (Similar)side of single or half brick walls for interior plastering upto floor two level and finished even and smooth in (ii) Cement mortar 1:4 (1-cement :4-sand)	I	120	17.58(II)	The thickness of plaster 15mm instead of 10mm thick. Rate include complete item of work on sqmt basis. For all Floor.
7	Providing 10mm thick cement plaster in single coat on brick/concrete walls for interior plastering upto floor two level and finished even and smooth in (ii) Cement mortar 1:4 (1-cement :4-sand)	I	120	17.58(II)	
8	Providing and fixing flush door shutters, solid core construction with frame of first class hardwood with cross board and face veneer or plywood face panels, including both side 1mm thick prelaminated sheet and S.S. hinges and drops, with necessary screws and fixture & Fastning. (B) Non-decorative type and block board core S.S. hinges in flush door shutters (2) 35 mm thick.	I	72	10.30	

9	Providing and fixing washbasin with single hole for pillar tap with C.I. or M.S. brackets painted white including sutting holes and making good the same but excluding fittings.(A) Vitreous China:(ii) Flat Back washbasin 550 mm x v 400mm size. (i) In white colour.	I	167	23.127	
10	Providing and fixing water closet squatting Pan (Indian type W.C. Pan) size 580mm (Earthwork, bed concrete, foot reste and trap to be measured and paid for separately) (A) Vitreous China.(I) Long pattern = White colour	I	163	23.111(A)(I)	
11	Providing and fixing screw down bib taps of following size.(B) Brass chromium plated screws down Bib Tap. (i) 15mm dia.	I	170	23.92.(B)(I)	
12	Providing and fixing anodised alluminium section window for S.S. wire gauge Jali frame of size 40mm x 18mm including necessary clips, rubber beading alluminium channel etc. as directed.	II		As per attached Seperated sheet	
13	Distempering with dry distemper of approved brand and manufacture (two coats) and of required shade on wall surfaces of given an even shade, over and including a priming coat of whiting after thoroughly brooming the surface free from mortar dropping and other foreign matter.	I	130	18.38	

14	Providing and fixing anodised alluminium framed doors and shutter with fix frame size 63.50 x 38.10 having wt. 1.094 Kg pre Rmt shutter frame vertical size 44.45 x 47.62mm having wt. 1.505 Kg pre Rmt and horizontal size 63.50 x 38.10mm bottom rail size 101.60mm 44.45mm having wt. 1.60 Kg/M with 5mm thick glass and 12mm thick bison panel (including distemper on bison panel) with necessary fixture and fastening rubber bedding clips etc complete.	II		As per attached Seperated sheet	
15	providing and laying one side mirror polised green marble stone slab 16mm(avg.) thick of appored quality fixed in door and window sills and jams and jointed with grey cement surry inculding rubbing and polising etc.	II		As per attached Seperated sheet	
16	Providing and laying Vitrified tiles 8 to 10 mm thick , 24" x 24" in flooring treads of steps and landing laid on a bed of 12mm thick cement mortar 1:3 (1-cement : 3-coarse sand) finishing with flush pointing in white cement.	I	96	14.29	Use vitrtified tiles of 8 to 10mm thick 24"X24"
17	Providing and fixing M.S. grills of required pattern to wooden frames of windows etc. with M.S. flats at required spacings and frame alround, square or round bars with round headed bolts and nuts or by screws (A) Plain Grill.	I	75	10.100(A)	

18	Providing and placing MODULAR office TABLE having size 1500 (L) x 600 (B) x 750 (H) mm special designed structure having top 35mm thick round edge post form laminated, side and front 25mm thick MDF sheet of approved design and colour including with THREE drawers of heavy duty powder coated sliding telescopic channels of approved quality and each drawers having locking devices of Godrej M.P. lock TABLE as per requirement and shall get approved from Engineer - in - charge.	II		As per attached Seperated sheet	
19	Providing and placing REVOLVING MEDIUM BACK CHAIR of seat size 475 mm x 475 mm and back height 700 mm from floor level using special hi-density U foam covering with good quality of velvet at seat and back and scientifically curved back position and PU type good quality handles. Hiquality castor fitted metal powder coated, five prone made out of deep drawn CRCA sheet stand and along with good quality of powder coated steel structure frame of required size and only back adjustment by spring as design approved by Engineer-in-charge.	II		As per attached Seperated sheet	

20	Providing and placing fixed based VISITOR CHAIR of seat size 450 mm x 450 mm and back height 450 mm from seat using 32mm/16G powder coated steel CRC pipe tructure of approved shape using high density U foam covering good quality of tapestry cloth on seat back as design approved by Engineer-in-charge.	II		As per attached Seperated sheet	
21	Providing and laying sheet glass for table top including grinding and rounding the edge along with cutting inappropriate size and shape as directed.[IV] 10MM thick.	II		As per attached Seperated sheet	
22	Providing and laying coloured glazed tiles of the size 300 mm x 200 mm x 8 mm / 300 mm x 450 mm x 8 mm in skirting, risers of steps and dedo on 10 mm. thick cement plaster 1:3 (1 cement : 3 coarse sand) & jointed with white cement slurry.	I	97	14.32	Use Coloured glazed tiles of the size 300 mm x 200 mm x 8 mm / 300 mm x 450 mm x 8 mm
23	Providing and laying Ceramic tiles 6mm thick in flooring treads of steps and landing laid on a bed of 12mm thick cement mortar 1:3 (1-cement : 3-coarse sand) finishing with flush pointing in white cement.	I	96	14.29	Use Ceramic tiles instead of glazed tiles
24	Providing and laying Vitrified tiles 8 to 10 mm thick , 24" x 24" in skirting risers of steps and dedo on 10mm thick cement plaster 1:3 (1-cement : 3-coarse sand) and jointed with white cement slurry	I	97	14.32	Use vitrtified tiles of 8 to 10mm thick 24"X24"

25	Painting two coats (excluding priming coat) on new steel and other metal surface with enamel paint, brushing, interior to give an even shade including cleaning the surface an even shade including cleanicn the surface of all dirt, dust and other foreign matter.	I	138	19.7	
26	Dismantling santtary fittings like wash basin . W.C. pan Indian and European type, flushing tank etc. including stacking the materials with all lead and lift.	I	151	20.00.I	
27	Dismentling doors, windows, ventilators etc. (wood or steel) shutters including chowkhats architraves, holdfasts and other attachment etc. complete and stacking them within all lead and lift.(i) Not exceeding 3 Sq.M. in area.	I	150	20.49(i)	
28	Dismentling steel work including distempering and stacking the materials with all lead and lift.	I	150	20.43	
29	Dismentaling tiled of stone floors laid in mortar including stacking of serviceable materilas and disposal of unserviceable materials with all lead and lift.	I	148	20.23	

30	Apply a three coat of PU acrylate (diluted with water in the ratio 2:1) as self priming 9.0-10.0 sq.mt/liter.Allow coating to dry for 3-4 hours. Lay a 45 GSM fiber glass mesh as a reinforcing material which is incorporated in the coating when the first coat is still in wet condition. Apply two coats of PU arcylate water proofing material @2.0-2.2 sq.mt/liter/coat, without water dilution,the rate of application being the same for both the coats. this would ensure correct consumption of material that will deliver a total DFT of 450-500 microns. Allow the system to air cure for 5 days minimum. Check to see no void surface is left untreated/ uncoated. The material having following technical Specfication as per ASTM D 6083 M-Type II, Attains a tensile strenght of 2.5 N/mm2 confirming to ASTM D	II		As per attached Seperated sheet	
	Deputy Executive Engineer				Executive Engineer
	Medical College R&B Sub Division				City (R & B) Division
	Rajkot				Rajkot