

Name of Work:CSR Work for Renovation of Arya Samaj Building at Sector-7 and CSR work for providing facilities at Kasturba girls Hostel at Gandhidham.

SCHEDULE-B							
Item No	Short Description of Item.	Quantity	Unit		Rate		Total Amount
				In word	In figure	In word	
1	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead. For thickness of tiles 10 mm to 25 mm.	506.49	M2				
2	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	506.49	M3				
3	Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement :4 Coarse sand), jointing with grey cement slurry @ 3.3kg/sqm including pointing the joints with white cement and matching pigment etc., complete.	167.95	M2				
4	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in- Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	414.21	M2				
5	Providing and fixing water closet squatting pan (Indian type W.C. pan ) with 100 mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required:						
	White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests	35.00	Each				

6	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm or 340x410x265 mm sizes respectively	39.00	Each				
7	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931						
	15 mm nominal bore	86.00	Each				
8	Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS:8931.						
	15 mm nominal bore	78.00	Each				
9	Providing and fixing C.P. brass shower rose with 15 or 20 mm inlet :						
	150 mm diameter	39.00	Each				
10	Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality and colour						
A	600 mm long towel rail with total length of 645 mm, width 78 mm and effective height of 88 mm, weighing not less than 190 gms	37.00	Each				
11	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion,(i) Single socketed pipes.						
	110 mm diameter	165.00	Mtr				
12	Providing and fixing unplasticised -PVC pipe clips of approved design to unplasticised - PVC rain water pipes by means of 50x50x50 mm hard wood plugs, screwed with M.S. screws of required length,including cutting brick work and fixing in cement mortar 1:4 (1 cement : 4 coarse sand) and making good the wall etc. complete.						
	110 mm	105.00	Each				
13	Providing and fixing on wall face unplasticised - PVC moulded fittings/accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion.						
a	Single tee with door 110x110x110 mm	10.00	Each				
b	Bend 87.5° 110 mm bend	10.00	Each				
c	Coupler 110 mm	18.00	Each				

14	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge.(Concealed work, including cutting chases and making good the walls etc)						
a	15 mm nominal outer dia Pipes	95.00	Mtr				
b	20 mm nominal outer dia Pipes	110.00	Mtr				
c	25 mm nominal outer dia Pipes	105.00	Mtr				
15	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	44.00	Each				
16	12 mm cement plaster of mix '1:4 (1 Cement:4 fine sand)	2470.28	M2				
17	Distempering with oil bound washable distemper of 'approved brand and manufacture to give an even shade :New work (two or more coats) over and including water thinnable priming coat with cement primer	4141.35	M2				
18	Finishing walls with water proofing cement paint of requied Shades 'New work (Two or more coats applied @ 3.84 kg/10 sqm)	3580.11	M2				
19	Stainless steel kitchen sink - with drain board 510 x 1040 mm bowl depth 200 mm	3.00	Each				
20	Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab, including rubbing and polishing complete with base of cement mortar 1 : 4 (1 cement : 4 coarse sand) :						
	25 mm thick (FOR Kitchen )	33.15	M2				
21	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length ( hold fast lugs or dash fastener shall be paid for separately) Sal Wood	10.30	M3				

22	Providing and fixing ISI marked flush door shutters conforming to IS :2202 (Part I) decorative type, core of block board construction with frame of 1st class hard wood and well matched teak 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters.						
(A)	30 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	36.00	M2				
23	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows, including ISI marked M.S. pressed butt hinges bright finished of required size with necessary second class teak wood 35mm thick shutter	7.60	M2				
24	Providing and fixing double glazed hermetically sealed glazing in aluminium windows, ventilators and partition etc. with 6 mm thick clear float glass both side, having 12 mm air gap, including providing EPDM gasket, perforated aluminium spacers, desiccants, sealant (Both primary and secondary sealant) etc. as per specifications, drawings and direction of Engineer-in-charge complete. (Window )	10.50	M2				
25	Providing and fixing anodised aluminium grill (anodised transparent or dyed to required shade according to IS:1868 with minimum anodic coating of grade AC 15) of approved design/pattern, with approved standard section and fixed to the existing window frame with C.P.brass/ stainless steel screws @ 200 mm centre to centre, including cutting the grill to proper opening size for fixing and operation of handles and fixing approved anodised aluminium standard section around the opening, all complete as per requirement and direction of Engineer-in-charge. (Requirement and direction of Engineer-in-charge. (Only weight of grill to be measured for payment)	10.68	M2				
26	Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @0.75 ltr/10 sqm of approved brand and manufacturer	101.72	M2				
27	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead. (For Slab)	494.07	M2				

28	Providing and applying integral crystalline slurry of hydrophilic in nature for waterproofing treatment to the RCC structures like retaining walls of the basement, water tanks, roof slabs, podiums, reservoir, sewage & water treatment plant, tunnels/subway and bridge deck etc., prepared by mixing in the ratio of 5 : 2 (5 parts integral crystalline slurry : 2 parts water) for vertical surfaces and 3 : 1 (3 parts integral crystalline slurry : 1 part water) for horizontal surfaces and applying the same from negative (internal) side with the help of synthetic fiber brush. The material shall meet the requirements as specified in ACI-212-3R-2010 i.e by reducing permeability of concrete by more than 90% compared with control concrete as per DIN 1048 and resistant to 16 bar hydrostatic pressure on negative side. The crystalline slurry shall be capable of self-healing of cracks up to a width of 0.50mm. The work shall be carried out all complete as per specification and the direction of the engineer-in-charge. The product performance shall carry guaranteed for 10 years against any leakage.						
A	For vertical surface two coats @0.70 kg per sqm per coat	100.00	M2				
B	For horizontal surface one coat @1.10 kg per sqm.	100.00	M2				
29	Providing and applying water proofing treatment for RCC structure .Use Damp Shield water proofing paint on top surface of roof .The work shall be carried out all complete as per specification and the direction of the engineer-in-charge. (each bucket carry out 20 lit)	10.00	Each Bucket				
30	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge.						
A	(A) All kinds of soil	240.90	M3				
31	Supplying and filling in plinth with sand under floors,including watering, ramming, consolidating and dressing complete.	60.00	M3				
32	Cement concrete pavement with 1:2:4 (1 cement : 2 coarse sand :4 graded stone aggregate 20 mm.	60.00	M3				

33	Providing and laying 60mm thick factory made cement concrete interlocking paver block of M -30 grade made by block making machine with strong vibratory compaction, of approved size, design & shape, laid in required colour and pattern over and including 50mm thick compacted bed of coarse sand, filling the joints with line sand etc. all complete as per the direction of Engineer-in-charge.	347.99	M2				
34	Demolishing stone rubble masonry manually/ by mechanical means including stacking of serviceable lead as per direction of Engineer-in-charge . In cement mortar Noth side exsiting compound wall	79.80	M3				
35	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 1:4:8 (1 Cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size)	7.83	M3				
36	Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand :12 graded stone aggregate 20 mm nominal size )upto plinth level with Cement mortar 1:6 (1 cement : 6 coarse	48.53	M3				
37	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations and plinth filling etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	34.54	M3				
38	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing andreinforcement -1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20mm nominal size).						
A	All work up to plinth level	14.81	M3				
B	All work above plinth level	6.81	M3				
C	Roofs,Chhajas,Lintels above plinth level upto	5.17	M3				
39	Steel reinforcement for R.C.C. work including straightening, cutting,bending, placing in position Thermo-Mechanically Treated bars of grade Fe-500D or more.	3214.80	kg				
40	Centering and shuttering including strutting,propping etc. and removal of form for all heights						
A	Foundations, footings, bases of columns, etc. for mass concrete	51.84	M2				
B	Lintels, beams, plinth beams, girders, bressumers and cantilevers. with water proof ply 12 mm thick	71.62	M2				

C	Column,Pillars,Piers,Abutment,Post and Strut	65.76	M2				
D	Weather sheds,Chhajjas,corbels,etc.,including edges	0.85	M2				
E	Suspended Floors,Roofs,landings,balconies and accessplatform.with water proof ply 12 mm thick	20.70	M2				
F	Slab Beam	20.40	M2				
41	Brick work with common burnt clay machine moulded perforated bricks of class designation 12.5 conforming to IS: 2222 in superstructure above plinth level up to floor five level in cement mortar 1:6 (1 cement : 6 coarse sand)	75.97	M3				
42	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size).	11.24	M3				
43	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades,laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand),jointing with grey cement slurry @ 3.3kg/sqm including grouting the joints with white cement and matching pigments etc., complete.	17.30	M2				
44	Brass Tower bolt (barrel type) 250x10 mm	4.00	Each				
45	Brass handles 125 mm with plate 175x32 mm	4.00	Each				
46	Brass mortice latch and lock 100x65 mm with 6 levers and a pair of brass lever handles	1.00	Each				
47	Brass casement stays (straight peg type) 300 mm weighing not less than 0.33 kg	2.00	Each				
48	Brass screws 25 mm(100 nos 100 Rs)	1.00	100 nos				
49	Chromium plated Brass handles 100 mm with plate For Doors 150 x 32 mm	4.00	Each				
50	Chromium plated Brass curtain rod 20 mm dia	2.70	Mtr				

51	Providing and fixing wash basin with C.I. brackets, 15 mm PTMT pillar cock, 32 mm PTMT waste coupling of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever required. White Vitreous China Flat back wash basin size 550x400 mm with single 15 mm PTMT pillar cock.	9.00	Each				
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**Contractor**

**Executive Engineer (C.)**