

Name of Work : CSR Request for repairing of School Shed, School Colour Work at Ganeshnagar Panchayat Prathmik Kumar Shala at Gandhidham.

Measurement Sheet							
It. No.	Description of Item.	Quantity	Rates in (₹)		Unit		Amount in (₹)
			In Fig.	In Words	In Fig.	In Words	6
1	Demolishing lime concrete manually/ by mechanical : Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix) means and disposal of material within 50 metres lead as per direction of Engineer-in-charge.	1.04			Cum.	Cubic Metre	
2	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. above plinth level up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement : 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size).	16.43			cum	Cubic Metre	
3	Centering and shuttering including strutting, propping etc. and removal of form for all heights :				Sqm	Square Metre	
(i)	Suspended floors, roofs, landings, balconies and access platform	64.55			Sqm	Square Metre	
(ii)	Lintels, beams, plinth beams, girders, bressumers and cantilevers	39.03			Sqm	Square Metre	
(iii)	Columns, Pillars, Piers, Abutments, Posts and Struts.	36.27			Sqm	Square Metre	
4	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level. Thermo-Mechanically Treated bars of grade Fe-500D or more.	2504.55			Kg	Kilogram	
5	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) : With Modular bricks	25.03			Cum.	Cubic Metre	
6	12 mm cement plaster finished with a floating coat of neat cement of mix : 1:4 (1 cement:4 fine sand)	86.43			Sqm	Square Metre	
7	15 mm cement plaster on rough side of single or half brick wall of mix: 1:4 (1 cement: 4 coarse sand)	93.82			Sqm	Square Metre	
8	Providing and laying anti-skid floor tiles of size 300x300 mm (thickness to be specified by the manufacturer), with water absorption less than 0.08% and conforming to IS 15622:2017. Tiles shall be of approved make, in all colours and shades, with a slip resistance rating of R10 or higher. The work includes laying tiles on a bed of 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3kg/sqm including chemical bonding agent, and grouting the joints with white cement mixed with matching pigments, etc., complete. As per directed by EIC.	50.82			Sqm	Square Metre	
9	Providing and laying Vitrified tiles in different sizes .Size of Tile 600 x 600 mm (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), jointing with grey cement slurry @ 3.3kg/sqm including grouting the joint with white cement & matching pigments etc. complete.	99.64			Sqm	Square Metre	
10	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). Kiln seasoned and chemically treated hollock wood	0.48			Cum.	Cubic Metre	

11	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. : 30 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	16.07			Sqm	Square Metre	
12	Providing and fixing glazed shutters for doors, windows and clerestory windows using 4 mm thick float glass panes, including ISI marked M.S.pressed butt hinges bright finished of required size with necessary screws. : Kiln seasoned and chemically treated hollock wood : 30mm thick	2.97			Sqm	Square Metre	
13	Providing and fixing bright finished brass hanging type floor door stopper with necessary screws, etc.	2			Each	Each	
14	Providing and fixing bright finished brass handles with screws etc.complete:						
(i)	125 mm	4			Each	Each	
(ii)	100 mm	14			Each	Each	
15	Providing and fixing bright finished brass door latch with necessary screws etc. complete : 300x16x5 mm	18			Nos	Nos	
16	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	86.43			Sqm	Square Metre	
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	86.43			Sqm	Square Metre	
18	Finishing walls with Acrylic Smooth exterior paint of required shade : New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)	93.82			Sqm	Square Metre	
19	Applying priming coat : With ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood)	32.13			Sqm	Square Metre	
20	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 manufacture	32.13			Sqm	Square Metre	
21	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.	500			per litre	per litre	
22	Providing and fixing on wall face/floor unplasticised Rigid PVC pipes having thermal stability for hot & cold-water supply, including all U-PVC plain & brass threaded fittings, including fixing the pipe with clamps . This includes jointing of pipes & fittings with one step U-PVC solvent cement and testing of joints complete as per direction of Engineer in Charge.						
(i)	15 mm nominal outer dia Pipes	15			per mtr	per mtr	
(ii)	20 mm nominal outer dia Pipes	49			per mtr	per mtr	
(iii)	25 mm nominal outer dia Pipes	45			per mtr	per mtr	
23	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						
(i)	75 mm diameter	50			per mtr	per mtr	
(ii)	110 mm diameter	45			per mtr	per mtr	

24	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	Bend 87.5°						
(i)	75 mm bend	15			per nos	per nos	
(ii)	110 mm bend	15			per nos	per nos	
B	Single tee with door						
(i)	75x75x75 mm	12			per nos	per nos	
(ii)	110x110x110 mm	12			per nos	per nos	
25	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require:White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P. brass pillar taps	6.00			Each	Each	
26	Providing and fixing square-mouth S.W. gully trap class SP-1 complete with C.I. grating brick masonry chamber with water tight C.I. cover with frame of 300 x300 mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design : With Sewer bricks conforming to IS : 4885.	13.00			Each	Each	
27	Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS:8931. : 15 mm nominal bore	13.00			Each	Each	
28	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 : 18.46.1 15 mm nominal bore	7.00			Each	Each	
29	Providing And Fixing Of White Vitreous China Pedestal Type Water Closet (European Type W.C. Pan) With Seat And Lid, 10 Liter 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, W.C. Pan With ISI Marked White Solid Plastic Seat.	7.00			Each	Each	
30	Providing and laying flamed finish Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge : Flamed finish granite stone slab Jet Black, Cherry Red, Elite Brown, Cat Eye or equivalent.	28.19			Sqm	Square Metre	
31	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm and 340x410x265 mm sizes respectively with Manual flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions and G.I clamps complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required: lipped front urinal basin	12.00			Each	Each	
32	Providing and fixing PTMT Bottle Trap for Wash basin and sink.Bottle trap 31mm single piece moulded with height of 270 mm, effective length of tail pipe 260 mm from the centre of the waste coupling, 77 mm breadth with 25 mm minimum water seal, weighing not less than 260 gms	6.00			Each	Each	

	Total Amount					
	In words Rupees _____ only)					
	(NOTE: The rates should be inclusive of all taxes, duties, fees, cess etc. and all incidental charges; but exclusive of GST).					

Seal & Sign of
Contractor

Executive Engineer (CSR)
Deendayal Port Authority