

ESTIMATE FOR RENOVATION OF PRIMARY HEALTH CENTRE, ROSHNABAD**ABSTRACT OF COST**

Sl.No.	Description	Amount (DSR/SOR-2024)
1	RENOVATION WORK	-
2	TOTAL ABSTRACT COST	-
3	ITC CONTRIBUTION 85%	-
4	GST 18%	-
5	TOTAL ITC CONTRIBUTION	-
6	COMMUNITY CONTRIBUTION 15%	-
	GRAND TOTAL	-

DETAILED ESTIMATE FOR RENOVATION OF PRIMARY HEALTH CENTRE, ROSHNABAD

ABSTRACT OF COST

Sr No	Item description	DSR/SOR	Unit	Quantity	Rate	AMOUNT
	PAINT WORKS					0
1	Distemping with 1st quality acrylic distemper (ready mixed) having VOC content less than 50 gram/litre, of approved manufacturer and of required shade and colour all complete to achieve even shade and colour :New work (two or more coats) over and including water thinnable priming coat with cement primer having VOC content less than 50 gram/litre DSR 13.41	DRS 13.41	SQM	2286.26		0
2	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. 20% OF PAINT WORK	DRS 13.26	SQM	457.252		0
3	12mm cement plaster finished with floating coat of weat cement of mix. 1:3 taking10 % of total area of wall	SOR MORD 12-3	SQM	228.626		0
4	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade : Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture	DSR VOL2 13.62.1	SQM	189.18		0
	DOOR AND WINDOW REPAIRING WORK					
5	Providing and fixing fly proof galvanisedM.Swire gauze to windows and clerestory windows using galvanisedM.S. wire gauge with average width of aperture1.4mm inbothdirectionswithwireof dia. 0.63 mm. With 12 mm mild steel U beading.	DSR VOL 1 9.51.2	SQM	24.48		0
6	Providing & fixing glass panes with putty and glazing clips in steel doors, windows, clerestory windows all complete.With 4.0 mm thick glass panes. DRS 10.3	DSR 10.30.1	SQM	24.48		0
	WATER SUPPLY					
7	15mm dia G.I medium pipe with laying and jointing including supply of all jointing materials like white lead, hamp,oil etc. IS:1239 Part 1st	DSR 18.101	RAM	120		0
8	Supply and fixing brass water tap including all work	DSR 18.49.1	NOS	10		0
9	Providingand fixingwashbasinwithC.I. brackets,15mmC.P.brasspillar taps,32 mmC.P.brasswasteofstandardpattern, includingpaintingof fittingsandbrackets, cutting and making good the walls wherever require:White Vitreous China Washbasin size630x450mmwithapair of 15 mm C.P . brass pillar taps	DSR VOL2 17.7.1	NOS	5		0
	ROOF REPAIRING WORK					0

10	Providing and laying water proofing treatment on roofs of slab by applying cement compound consisting of applying (a) after surface preparation , first layer of slurry of cement @ 0.488 kg/sqm mixed with water proofing cement compound @0.253 kg/sqm (b)laying second layer of fiber glass cloth when the first layer is still green. overlaps of joint of fiber cloth should not be less then 10cm (c) third layer of 1.5 mm thickness consisting of slurry of cement @1.289 kg/sqm mixed with water proofing cement compound @0.67 kg/sqm and coarse sand @ 1.289 kg/sqm. this will be allowed to air cure for 4 hour followed by water curing for 48 hour. the entire treatment will be taken upto 30cm on parapet wall and tucked into groove in parapet all around (d) fourth and final layer of birck tiling with cement mortar.	DSR 22.6	SQM	458.94	0
11	cement plaster finished with floating coat of weat cement of mix. 1:4	SOR MORD 12-3	SQM	458.94	0
WATING AREA					
12	Providing corrugated G.S. sheet roofing including vertical / curved surface fixed with polymer coated J or L hooks, bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (up to any pitch in horizontal/ vertical or curved surfaces), excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required. 1 mm thick with	DRS VOL1 12.1.2	SQM	30	0
13	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.(wt. 15 kg per sq.m)	DSR VOL1 10.2	KG	450	0
14	WALL painting TLM		SQM	140	0
15	electrification and other maintenance works	1	NOS	1	0
16	mild steel board in rectangular shape for outdoor, complete with painting work and writing work.		LS		
Total					0.00

DETAILS OF MEASUREMENT							
S.NO	ITEMS	NO	L	B	H/D	QTY	UNIT
	PANIT WORK						
1	Distemping with 1st quality acrylic distemper (ready mixed) having VOC content less than 50 gram/litre, of approved manufacturer and of required shade and colour all complete to achieve even shade and colour :New work (two or more coats) over and including water thinnable priming coat with cement primer having VOC content less than 50 gram/litre DSR 13.41						
		2	3			3.2	19.2
		4	3.3			3.2	42.24
		6	6			3.2	115.2
		2	6			3.2	38.4
		6	2.4			3.2	46.08
		2	4.5			3.2	28.8
		4	4			3.2	51.2
		2	4.5			3.2	28.8
		4	1.2			3.2	15.36
		3	4.5			3.2	43.2
		4	3.3			3.2	42.24
		3	4.4			3.2	42.24
		4	3.1			3.2	39.68
		2	4.4			3.2	28.16
		4	2.9			3.2	37.12
		4	6.1			3.2	78.08
		6	4.4			3.2	84.48
		3	6			3.2	57.6
		3	5.5			3.2	52.8
		2	4.3			3.2	27.52
		4	4			3.2	51.2
		2	4.5			3.2	28.8
		4	4			3.2	51.2
		6	2.8			3.2	53.76
		3	5			3.2	48
		7	3			3.2	67.2
		4	4.5			3.2	57.6
		4	5			3.2	64
		2	8.4			3.2	53.76
		2	5			3.2	32
		4	3			3.2	38.4
		2	90			1.6	288
		20	1.5			2.5	75
		1	5		4		20
		1	5		3		15
		1	8.4		5		42
		1	4.5		4.5		20.25
		1	4.5		5		22.5
		1	3		3		9

		1	2.8	5		14	
		1	12.6	3		37.8	
		1	4.5	4		18	
		1	4.5	4.1		18.45	
		1	5.5	6		33	
		1	6.1	4.4		26.84	
		1	2.9	4.4		12.76	
		1	4.4	3.1		13.64	
		1	21	2.35		49.35	
		1	4.5	3.3		14.85	
		1	1.2	4.5		5.4	
		1	4	4.5		18	
		1	6	2.4		14.4	
		1	6	6		36	
		1	3	3.3		9.9	
		1	2.6	3		7.8	
						2286.26	SQM
3	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. 20% of total area					457.252	SQM
4	Wall Plastering 10 % total area, 12 mm plaster mix 1:4					228.626	SQM
5	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade : Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture	12	1		2.1	25.2	
		15	0.9		2.1	28.35	
		15	1.2		1.5	27	
		5	1.2		2	12	
		1	1.7		1.2	2.04	
						94.59	
						189.18	SQM
	DOOR AND WINDOW REPAIRING WORK						
6	Providing and fixing fly proof galvanisedM.Swire gauze to windows and clerestory windows using galvanisedM.S. wire gauge with average width of aperture1.4mm inbothdirectionswithwireof dia. 0.63 mm. With 12 mm mild steel U beading.	12	1.2		1.5	21.6	
		1	1.2		1.2	1.44	
		1	1.2		1.2	1.44	
						24.48	SQM
8	Providing & fixing glass panes with putty and glazing clips in steel doors, windows, clerestory windows alll complete.With 4.0 mm thick glass panes. DRS 10.3	6	1.8		1.5	16.2	SQM

WATER SUPPLY WORK							
10	15mm dia G.I medium pipe with laying and jointing including supply of all jointing materials like white lead, hamp,oil etc. IS:1239 Part 1st	1	20			20	
		1	18			18	
		1	22			22	
		4	15			60	
						120	
						RAM	
11	Supply and fixing brass water tap including all work					10	NOS
12	Providing and fixing washbasin with C.I. brackets, 15mm 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 Washbasin size 630x450mm with a pair of 15 mm C.P . brass pillar taps					5	NOS
ROOF REPAIRING WORK							
13	Providing and laying water proofing treatment on roofs of slab by applying cement compound consisting of applying (a) after surface preparation , first layer of slurry of cement @ 0.488 kg/sqm mixed with water proofing cement compound @0.253 kg/sqm (b) laying second layer of fiber glass cloth when the first layer is still green. overlaps of joint of fiber cloth should not be less then 10cm (c) third layer of 1.5 mm thickness consisting of slurry of cement @1.289 kg/sqm mixed with water proofing cement compound @0.67 kg/sqm and coarse sand @ 1.289 kg/sqm. this will be allowed to air cure for 4 hour followed by water curing for 48 hour. the entire treatment will be taken upto 30cm on parapet wall and tucked into groove in parapet all around (d) fourth and final layer of birck tiling with cement mortar. DRS 67.64						
		1	5	4		20	
		1	5	3		15	
		1	8.4	5		42	
		1	4.5	4.5		20.25	
		1	4.5	5		22.5	
		1	3	3		9	
		1	2.8	5		14	
		1	12.6	3		37.8	
		1	4.5	4		18	
		1	4.5	4.1		18.45	
		1	5.5	6		33	
		1	6.1	4.4		26.84	
		1	2.9	4.4		12.76	
		1	4.4	3.1		13.64	
		1	21	2.35		49.35	
		1	4.5	3.3		14.85	

		1	1.2	4.5		5.4	
		1	4	4.5		18	
		1	6	2.4		14.4	
		1	6	6		36	
		1	3	3.3		9.9	
		1	2.6	3		7.8	
						458.94	SQM
14	12mm cement plaster finished with floating coat of weat cement of mix. 1:3	1	13	6.6		458.94	SQM
	Providing corrugated G.S. sheet roofing including vertical / curved surface fixed with polymer coated J or L hooks, bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (up to any pitch in horizontal/ vertical or curved surfaces), excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required. 1 mm thick with						
			5	6		30	SQM
	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.(wt. 15 kg per sq.m)		30	15		450	KG
15	WALL PAINTING TLM	1	6.8	3.5		23.8	
		1	70	1.5		105	
		1	3.2	3.5		11.2	
						140	SQM
16	electrification and other maintenance works					1	NOS