

Name of the Scheme:- Model Estimate for Construction of Anganwari Centre at different places under Nadia District

*vegetation / repairing & renovation*

Model Estimate for Repairing and Renovation of Existing ICDS Centers at different places in Nadia District.

Item No	Description of works	No	Length x in mtre	Width x in mtre	Dpth/Hgh x t.	Quantity In mtre	Unit	Rate per unit.	Amount.
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**Repair & Renovation For ICDS Building**

1. Page-158/ SI-16 Applying decorative cement based paint of approved quality after preparing the surface including scraping the same thoroughly (plastered or concrete surface) as per manufacturer's specification.

In Ground floor:									
	(i) One coat on old surface.	1	x 39.00			x 2.800	=	109.20	Sqm
		1	x 43.00			x 2.800	=	120.40	Sqm
		1	x 6.35			x 6.350	=	40.32	Sqm
	<b>Total</b>					<b>= 269.92</b>		<b>@Rs 33.00</b>	<b>= Rs 8,907.44</b>

2. Page-151/ SI-2 Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints including throating, nosing and drip course, scaffolding/staging where necessary (Ground floor). [Excluding cost of chipping over concrete surface]

	(ii) C. 10mm Thick(1:4) (For Ceiling)	1	x 6.35	x 6.35	x 10.00%	=	4.03	Sqm.	
	<b>Total</b>					<b>= 4.03</b>		<b>@Rs 136.00</b>	<b>= Rs 548.39</b>
	(i) b. 20mm Thick(1:6) (For Outside)	1	x 43.00	x 2.80	x 10.00%	=	12.04	Sqm.	
	<b>Total</b>					<b>= 12.04</b>		<b>@Rs 174.00</b>	<b>= Rs 2,094.96</b>
	(i) c. 15mm Thick(1:6) (For Inside)	1	x 39.00	x 2.80	x 10.00%	=	10.92	Sqm.	
	<b>Total</b>					<b>= 10.92</b>		<b>@Rs 151.00</b>	<b>= Rs 1,648.92</b>
	Roof Top Plaster 20mm Thick(1:6)	1	x 7.10	x 7.00	x 1.00	=	49.70	Sqm.	
	<b>Total</b>					<b>= 49.70</b>		<b>@Rs 174.00</b>	<b>= Rs 8,647.80</b>

3 Page-69/ SI-22 Neat cement punning about 1.5mm thick in wall,dado,window sill,floor etc.  
NOTE:Cement 0.152 cu.m per100 sq.m.

	<b>Construction of Kitchen</b>	1	x 7.10	x 7.00	x 1.000	=	49.70	Sqm.	
	<b>Total</b>					<b>= 49.70</b>		<b>@Rs 38.00</b>	<b>= Rs 1,888.60</b>

4. Page-1/ SI-1	Earth work in excavation of foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75 m. as directed. The item includes necessary trimming the sides of trenches, levelling, dressing and ramming the bottom, bailing out (a) Depth of excavation not exceeding 1,500 mm. Main wall	1	X	10.00	X	0.375	X	0.375	=	1.41	cum.	@Rs 12047.00	=	Rs 169.41
5. Page- 33/ SI-1	Single brick flat soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with powdered earth or local sand. Foundation Main Wall	1	X	10.00	X	0.38			=	3.75	sqm.	@Rs 343.00	=	Rs 1,286.25
6. Page- 59/ SI-10.1.A.a	Nominal Mix M - 10 Cement concrete with graded stone ballast (40 mm.size) excluding shuttering and reinforcement, if any, (1:3:6) in ground floor. Foundation Main wall	1	X	10.00	X	0.375	X	0.150	=	0.56	cum.	@Rs 5443.00	=	Rs 3,061.69
7. Page- 73/ SI-29	125 mm. Brick work with 1st class bricks in cement mortar (4:1)	1	X	10.00	X	2.00			=	20.00	sqm			
		2	X	1.25	X	1.25			=	3.13	sqm			
		1	X	1.00	X	2.00			=	2.00	sqm			
							Total		=	14.88	sqm	@Rs 728.00	=	Rs 10,829.00
8. Page- 62/ SI-23	Asbestos corrugated (Trafford or similar approved quality) sheet (6 mm thick) work (excluding the supporting framework) fitted and fixed with 9.5mm. dia. J or L hook-bolt and nuts, limpet and bitumen washers and putty with 150 mm end lap & one corrugation minimum side lap complete. (Payment should be made on area of finished work)	1	X	2.50	X	2.50	X	1.000	=	6.25	cum.	@Rs 549.00	=	Rs 3,431.25
9. Page- 91/ SI-3	Artificial stone in floor, dado, staircase etc. with cement concrete (4:2:1) with stone chips, laid in panels as directed with topping made with ordinary or white cement (as necessary) and marble dust in proportion (2:1) including smooth finishing and rounding off corners and including application of cement slurry before flooring works, using cement @1.75 kg/sq.m. all complete including all (iii) 25 mm. thick	1	X	2.50	X	2.50	X	1.000	=	6.25	cum.	@Rs 549.00	=	Rs 3,431.25

Floor	Room	1	x	2.50	x	2.50	=	6.25	sqm.
10 Page- 69/ SI-22	Brick work with 1st class bricks in cement mortar (6:1)						=	6.25	sqm. @Rs 295.00 = Rs 1,843.75

(a) In foundation and upto plinth  
3rd step. Main wall 1 x 10.00 x 0.250 x 0.15 = 0.38 cum. @Rs 5273.00 = Rs 1,977.38

11. Page- 73/  
SI-2(i) M.S. structural works in roof trusses with tubular sections conforming to IS: 806-1957 & IS: 1161-1958 connected to one another with bracket, gusset cleats as per design, direction of Engineer-in-charge complete including cutting to requisite size, fabrication with necessary metal arc welding conforming to IS: 816-1956 & IS: 9595 using electrodes of approved make and brand conforming to IS:814-1957, haulage, hoisting and erection all complete as per specification and direction of Engineer In Charge.

12	Repairing of Rain water drain pipe	1	x	16.00	@	0.38	kg/mtr	=	6.08	kg	@Rs 81.27 = Rs 494.14
13	Miscellaneous Items						Total	=	6.08		L.S. 2000.00 = Rs 2,000.00
14	Supplying, fitting and fixing of display board						Total	=			L.S. 2000.00 = Rs 2,000.00
							Total	=			Rs 52,828.97

Add upto 3% Cottingencies = Rs 1,585  
Total Amount = **Rs 54,414**

Note: The above quantities has been taken only for the Estimating Purpose. However at the time of Billing/Payment actual Measurement of Work done for Respective Centers may be taken.

*Shamsh*  
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