

Detailed Estimate

OD/368/3534/120847/421741/00016574 : Completion of Community Center at Kukurimunid
Block : Nuapada, Gram Panchayat : Motanuapada
Created By: SATYAJEET MOHANTA

1. Iron Work (AR1701) : Labour for hoisting joints, trusses and placing in position								
Labour for hoisting joints, trusses and placing in position with all cost of labour and machinery and T & P required for the work etc. as per direction of Engineer-in-Charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	pipe	369.418	0.000	0.000	0.000	0.000	369.418	-
ii	truss	337.414	0.000	0.000	0.000	0.000	337.414	-
Total Quantity					706.8312 Kg (Kilo Gram)		7.068312 Qntl (Quintal)	
Amount					7.068312 X 1174.1051181102		8298.94	
2. Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift								
Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per the direction of the Engineer-in-charge								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Coloumn	8.000	2.000	2.000	2.000	0.000	64.000	-
Total Quantity					64 Cft (Cubic Foot)		1.8122752 Cum (Cubic Meter)	
Amount					1.8122752 X 240.77592		436.35	
3. Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed								
Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T & P required for the work etc. complete and as per direction of Engineer-in charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	coloumn	8.000	2.000	2.000	0.330	0.000	10.560	-

Total Quantity	10.56 Cft (Cubic Foot)	0.299025408 Cum (Cubic Meter)
Amount	0.299025408 X 449.756232	134.49

4. Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal

Cement concrete (1:3:6) with 4 cm. hard granite(Crusher Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	coloumn	8.000	2.000	2.000	1.660	0.000	53.120	-
ii	Above ground	8.000	1.500	1.500	1.000	0.000	18.000	-
Total Quantity						71.12 Cft (Cubic Foot)	2.013890816 Cum (Cubic Meter)	
Amount						2.013890816 X 5166.77322454	10405.32	

5. Masonry Brick Work (AR0603bi) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure

Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm² with dimensional tolerance ± 8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Heightning wall	2.000	20.000	0.750	1.500	0.000	45.000	-
ii		2.000	12.000	0.750	1.500	0.000	27.000	-
iii	door	2.000	3.000	0.750	4.000	0.000	18.000	-
Total Quantity						90 Cft (Cubic Foot)	2.548512 Cum (Cubic Meter)	
Amount						2.548512 X 4977.558949072	12685.37	

6. Plastering (AR1004) : 12mm thick cement plster (1:6) over Brick work in inside

12mm thick cement plaster (1:6) over Brick work in inside including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc. comp.and as per direction of Engineer-in-charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	wall	2.000	20.000	0.000	3.000	0.000	120.000	-
ii		2.000	14.000	0.000	3.000	0.000	84.000	-
iii	door	1.000	3.000	0.000	5.000	0.000	15.000	-
Total Quantity					219 Sft (Square Foot)		20.345757 Sqm (Square Meter)	
Amount					20.345757 X 166.1475038708		3380.40	

7. Plastering (AR1014) : 16mm thick cement Plaster in CM (1:6) over brick work in inside.

16mm thick cement Plaster in CM (1:6) over brick work in inside including racking out joints finishing smooth with proper plumb and line, curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc comp.and as per direction of Engineer-in-charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	wall	2.000	12.500	0.000	3.000	0.000	75.000	-
ii		2.000	12.500	0.000	3.000	0.000	75.000	-
Total Quantity					150 Sft (Square Foot)		13.93545 Sqm (Square Meter)	
Amount					13.93545 X 239.658094218		3339.74	

8. Roofing (AR1132i) : Supplying, feeting & fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties

Supplying, fitting & fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties including fixing of ridges valleys wind ties etc. including cost of fitting, Labour and material etc. complete as per direction of Engineer-in-Charge

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Roof	2.000	32.000	12.000	0.000	0.000	768.000	-
ii	ridge	1.000	32.000	2.000	0.000	0.000	64.000	-

Total Quantity	832 Sft (Square Foot)	77.295296 Sqm (Square Meter)
Amount	77.295296 X 537.83362916632	41572.01

9. Painting (AR0902) : Painting one coat of enamel on new wood work in inner surface

Painting one coat of enamel on new wood work in inner surface including all costs of labour, Paint, Primer and brushes required for the work etc. complete and as per direction of Engineer-in-charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	pipe	8.000	14.000	1.005	0.000	2.250	253.210	-
ii	truss	4.000	228.000	0.640	0.000	2.250	1313.280	-
iii	door	1.000	3.000	6.500	0.000	2.250	43.875	-
iv	window	1.000	3.500	3.500	0.000	2.500	30.625	-
Total Quantity					1640.9896 Sft (Square Foot)		152.4528568088 Sqm (Square Meter)	
Amount					152.4528568088 X 106.57351363395		16247.44	

10. Iron Work (AR1703) : Iron work wrought and put up in trusses and record racks

Iron work wrought and put up in trusses and record racks including all cost of labour, material, machinery and T & P required for the work etc. as per direction of Engineer-in-Charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	pipe,truss	706.830	0.000	0.000	0.000	0.000	706.830	-
Total Quantity					706.83 Kg (Kilo Gram)		7.0683 Qntl (Quintal)	
Amount					7.0683 X 12859.676824252		90896.05	

11. Painting (AR0918cb) : Finishing wall two coats with weather coat with one coat waterbound Primer

Finishing wall two coats with weather coat with one coat waterbound Primer including all costs of labour, Paint, Primer, Brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
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i	room	2.000	20.000	0.000	11.000	0.000	440.000	-
ii		2.000	14.000	0.000	11.000	0.000	308.000	-
iii	door	1.000	3.000	0.000	6.500	0.000	-	19.500
iv	window	1.000	3.500	0.000	3.500	0.000	-	12.250
Total Quantity					716.25 Sft (Square Foot)		66.54177375 Sqm (Square Meter)	
Amount					66.54177375 X 160.74115594024		10696.00	

12. Painting (AR0922) : Finishing wall two coats with distemper of approved shades on new work (Inside)

Finishing wall two coats with distemper of approved shades on new work to give an even shade including all costs of labor, Paint and Brushes required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	room	2.000	18.500	0.000	10.500	0.000	388.500	-
ii		2.000	12.500	0.000	10.500	0.000	262.500	-
iii	door	1.000	3.000	0.000	6.500	0.000	-	19.500
iv	window	1.000	3.500	0.000	3.500	0.000	-	12.250
Total Quantity					619.25 Sft (Square Foot)		57.53018275 Sqm (Square Meter)	
Amount					57.53018275 X 78.865539425		4537.15	

13. Flooring (AR0817aa) : Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3)

Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the Vitrified tiles including rubbing and polishing complete including cost of precast tiles.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	floor	1.000	19.000	14.000	0.000	0.000	266.000	-
Total Quantity					266 Sft (Square Foot)		24.712198 Sqm (Square Meter)	

Amount		24.712198 X 1522.867871316		37633.41				
14. Dismantling (AR1612) : Dismantling and removing 2.5 cm. thick artificial stone flooring								
Dismantling and removing 2.5 cm. thick artificial stone flooring including stacking the useful materials for reuse and removing the debris within 50m lead and as per direction of Engineer-in-Charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	floor	1.000	19.000	14.000	0.000	0.000	266.000	-
Total Quantity					266 Sft (Square Foot)		24.712198 Sqm (Square Meter)	
Amount		24.712198 X 100.34838709677		2479.83				
Total Amount							242742.50	
Addition								
Provision for PH Work (+) @								
Provision for EI Work (+) @								
Provision for Contingency (+) @							2427.43	
Display Citizen Board (+) @							4500.00	
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								
Total Addition							6927.43	
Grand Net Total Amount							249669.93	

JE
Nuapada Block

PARSURAM KONHAR
AEE
Nuapada Block

ROHITA BHOI
BDO
Nuapada Block