

Detailed Estimate

OD/368/3534/120826/421687/00016718 : Repaire & Maintance of Govt Primary school,Patalghutkuri
Block : Nuapada, Gram Panchayat : Amanara
Created By: SATYAJEET MOHANTA

1. Earth Work (AR0102a) : Earth work in hard soil or gravelly soil within 50m. Initial lead and 1.5m initial lift								
Earth work in hard soil or gravelly soil 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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Coloumn	2.000	4.000	4.000	4.000	0.028	3.622	-
ii	cutoff wall	2.000	100.000	0.660	0.660	0.028	2.466	-
Total Quantity					6.087896 cum (cum)		6.087896 Cum (Cubic Meter)	
Amount					6.087896 X 200.6466		1221.52	
2. 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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	coloumn	2.000	4.000	4.000	0.500	0.028	0.453	-
ii	cut offall	2.000	100.000	0.660	0.330	0.028	1.233	-
iii	paver area	1.000	100.000	15.000	0.330	0.028	14.009	-
Total Quantity					15.694048 cum (cum)		15.694048 Cum (Cubic Meter)	
Amount					15.694048 X 541.807632		8503.15	
3. 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	2.000	4.000	4.000	0.500	0.028	0.453	-
ii	cutoff wall	2.000	100.000	0.660	0.830	0.028	3.101	-

Total Quantity			3.553348 cum (cum)				3.553348 Cum (Cubic Meter)	
Amount			3.553348 X 5093.74611384				18099.85	
4. R.C.C. Work (AR0404A) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips								
Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section 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. (excluding centring and shuttering)								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Coloumn	2.000	4.000	4.000	0.660	0.028	0.598	-
ii	Coloumn	2.000	1.250	1.250	16.340	0.028	1.445	-
iii	Beam	1.000	15.000	1.000	1.500	0.028	0.637	-
Total Quantity			2.67951475 cum (cum)				2.67951475 Cum (Cubic Meter)	
Amount			2.67951475 X 5296.6438156568				14192.44	
5. R.C.C. Work (AR0410d) : Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting								
Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. beams, column, grider and bressmer, etc. Data for 4.2sqm								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	coloumn	8.000	1.250	0.000	16.340	0.093	15.180	-
ii	beam	3.000	15.000	0.000	1.500	0.093	6.271	-
iii	cutoff wall	2.000	100.000	0.000	0.500	0.093	9.290	-
Total Quantity			30.74061 Sqm (Sqm)				30.74061 Sqm (Square Meter)	
Amount			30.74061 X 1047.3822930467				32197.17	
6. Painting (AR0918Ai) : Finishing wall one coat with weather coat								
Finishing wall one coat with weather coat including all costs of labour, Paint, Primer and Brushes 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	boundry	2.000	600.000	0.000	5.500	0.093	613.140	-
Total Quantity					613.14 Sqm (Sqm)		613.14 Sqm (Square Meter)	
Amount					613.14 X 57.09560199		35007.60	
7. miscellaneous (ARM286) : Supplying and fixing of 60mm thick cement concrete interlocking paver block of M-30 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC								
Supplying and fixing of 60mm thick cement concrete interlocking paver block of M-30 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018. (New miscellaneous items) and as directed by Engineer-in-Charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	paver	1.000	100.000	15.000	0.000	0.093	139.350	-
Total Quantity					139.35 Sqm (Sqm)		139.35 Sqm (Square Meter)	
Amount					139.35 X 509.247		70963.57	
8. Roofing (AR1135i) : G.C.I. Sheet (0.40mm thick) in walling								
Supplying, fitting & fixing of G.C.I. Sheet (0.40mm thick) in walling including cost of nuts and bolts, fitting, labour and material etc. complete as per direction of Engineer-in-Charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	roof	1.000	100.000	14.000	0.000	0.093	130.060	-
Total Quantity					130.06 Sqm (Sqm)		130.06 Sqm (Square Meter)	
Amount					130.06 X 540.85463799645		70343.55	
9. R.C.C. Work (AR0409) : Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position								
Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	HYSD Bar	2.690	0.000	0.000	0.000	0.000	2.690	-
Total Quantity					2.69 Qntl (Quintal)		2.69 Qntl (Quintal)	
Amount					2.69 X 7645.3882029		20566.09	
Total Amount							271094.94	

Addition	
Provision for PH Work (+) @	3000.00
Provision for EI Work (+) @	
Provision for Contingency (+) @	2710.95
Display Citizen Board (+) @	3000.00
Any Other Lumpsum (+) @	
Total Addition	8710.95
Grand Net Total Amount	279805.89