

Detailed Estimate

OD/359/3426/118922/416867/00063758 : IMP OF MASANIPADA NEAR CHANAPADA

Block : K.Nuagan, Gram Panchayat : Kanjamendi

Created By: DAKSHYA KUMAR KUSUM

1. 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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Toe Wall L/S	2.000	16.500	0.228	0.228	0.000	1.715	-
ii	Toe Wall S/S	2.000	4.870	0.228	0.228	0.000	0.506	-
iii	Over Burden Soil	1.000	19.000	13.000	0.300	0.000	74.100	-
Total Quantity					76.32179616 cum (cum)		76.32179616 Cum (Cubic Meter)	
Amount					76.32179616 X 240.77592		18376.45	
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	Toe Wall L/S	2.000	16.500	0.228	0.100	0.000	0.752	-
ii	Toe Wall S/S	2.000	4.870	0.228	0.100	0.000	0.222	-
Total Quantity					0.974472 cum (cum)		0.974472 Cum (Cubic Meter)	
Amount					0.974472 X 645.049832		628.58	
3. Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum								

Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) 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 as per specificaion and direction of Engineer-in charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Toe Wall L/s	2.000	16.500	0.228	0.350	0.000	2.633	-
ii	Toe Wall S/S	2.000	4.870	0.228	0.350	0.000	0.777	-
Total Quantity					3.410652 cum (cum)		3.410652 Cum (Cubic Meter)	
Amount					3.410652 X 7255.34098728		24745.44	

4. 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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Floor	1.000	5.800	3.050	0.000	0.000	17.690	-
Total Quantity					17.69 Sqm (Sqm)		17.69 Sqm (Square Meter)	
Amount					17.69 X 1536.276153081		27176.73	

5. miscellaneous (ARM287) : Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 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 80mm thick cement concrete interlocking paver block of M-40 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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	5.730	4.430	0.000	0.000	25.384	-
ii	Road	1.000	9.600	3.580	0.000	0.000	34.368	-
Total Quantity					59.7519 Sqm (Sqm)		59.7519 Sqm (Square Meter)	

Amount							59.7519 X 625.8468	37395.54
6. Painting (AR0901di) : Priming one coat with outer surface primer of approved quality water-bound primer over plastering surfaces(outer surface)								
Priming one coat with outer surface primer of approved quality water-bound primer over plastering surfaces including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Long Wall	2.000	6.300	0.000	0.600	0.000	7.560	-
ii	Short Wall	2.000	3.600	0.000	0.600	0.000	4.320	-
iii	Column	6.000	0.500	0.000	2.100	0.000	6.300	-
iv	Opening	2.000	0.750	0.000	0.600	0.000	-	0.900
Total Quantity					17.28 Sqm (Sqm)		17.28 Sqm (Square Meter)	
Amount					17.28 X 72.855030353548		1258.93	
7. Painting (AR0918c) : Finishing wall with two coat water proofing cement paint including one coat cement wash on the outer surface of approved shade on new work (Outside)								
Finishing wall with two coat water proofing cement paint including one coat cement wash on the outer surface of approved shade on new work to give an even shade including all costs of labour, Paint, Brushes, and putty required for the work, etc. complete and as per direction of Engineer-in-charge. (Outside)								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Qty same as Item no. 6	17.280	0.000	0.000	0.000	0.000	17.280	-
Total Quantity					17.28 Sqm (Sqm)		17.28 Sqm (Square Meter)	
Amount					17.28 X 58.030290705763		1002.76	
8. Painting (AR0901d) : Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface)								
Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction

i	Long Wall	2.000	5.800	0.000	0.600	0.000	6.960	-	
ii	Short Wall	2.000	3.100	0.000	0.600	0.000	3.720	-	
iii	Ceilling	1.000	5.800	3.100	0.000	0.000	17.980	-	
iv	Column	6.000	0.500	0.000	2.100	0.000	6.300	-	
v	Opening	2.000	0.750	0.000	0.600	0.000	-	0.900	
Total Quantity					34.06 Sqm (Sqm)		34.06 Sqm (Square Meter)		
Amount					34.06 X 71.83753306751		2446.79		
9. Painting (AR0920) : Finishing wall two coats with plastic emulsion paint of approved shades on new work (Inside)									
Finishing wall two coats with plastic emulsion paint 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	Qty Same as Item no. 8	34.060	0.000	0.000	0.000	0.000	34.060	-	
Total Quantity					34.06 Sqm (Sqm)		34.06 Sqm (Square Meter)		
Amount					34.06 X 94.76013415		3227.53		
10. R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc									
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. foundation, plinth band and footings bases of columns mass concrete precast slabs, etc									
Sl No	Description	No	L	B	D	CF	Quantity	Deduction	
i	Toe Wall L/S	4.000	16.500	0.000	0.420	0.000	27.720	-	
ii	Toe Wall S/S	4.000	4.870	0.000	0.420	0.000	8.182	-	
Total Quantity					35.9016 Sqm (Sqm)		35.9016 Sqm (Square Meter)		
Amount					35.9016 X 216.23489289764		7763.18		

11. Flooring (AR0817a) : Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755)

Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) 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 ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Long Wall	2.000	5.800	0.000	0.150	0.000	1.740	-
ii	Short Wall	2.000	3.050	0.000	0.150	0.000	0.915	-
Total Quantity					2.655 Sqm (Sqm)		2.655 Sqm (Square Meter)	
Amount					2.655 X 1333.266153081		3539.82	
Total Amount							127561.75	
Addition								
Provision for PH Work (+) @								
Provision for EI Work (+) @							0.00	
Provision for Contingency (+) @							1275.62	
Display Citizen Board (+) @							5000.00	
Any Other Lumpsum (+) @							266162.00	
Provision for survey investigation and quality control (+) @								
Total Addition							272437.62	
Grand Net Total Amount							399999.37	

DAKSHYA KUMAR KUSUM
JE
K.Nuagan Block

Shovam Mohapatra
AEE
K.Nuagan Block

Subhrajali Pradhan
BDO
K.Nuagan Block