

Detailed Estimate

OD/354/3380/117911/411484/00017574 : Repair and maintenance of Primary School of Rukhakana PS
Block : Polosara, Gram Panchayat : Kalamba
Created By: Sarat Kumar Malla

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		1.000	30.000	4.500	0.660	0.000	89.100	-
ii		1.000	9.500	10.160	1.000	0.000	96.520	-
Total Quantity						185.62 Cft (Cubic Foot)	5.256164416 Cum (Cubic Meter)	
Amount						5.256164416 X 240.77592	1265.56	
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		1.000	30.000	4.500	0.330	0.000	44.550	-
ii		1.000	9.500	10.160	0.330	0.000	31.852	-
Total Quantity						76.4016 Cft (Cubic Foot)	2.16344882688 Cum (Cubic Meter)	
Amount						2.16344882688 X 506.336432	1095.43	
3. Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal								
Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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		1.000	30.000	4.500	0.330	0.000	44.550	-
ii		1.000	9.500	10.160	0.330	0.000	31.852	-
Total Quantity					76.4016 Cft (Cubic Foot)		2.16344882688 Cum (Cubic Meter)	
Amount					2.16344882688 X 4998.58760842		10814.19	

4. miscellaneous (ARM122) : Scraping old paint with scrapers, sand papering and washing with soap water or soda including scaffolding charges upto 5M height (Painting) and as directed by Engineer-in-Charge.

Scraping old paint with scrapers, sand papering and washing with soap water or soda including scaffolding charges upto 5M height (Painting) and as directed by Engineer-in-Charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Room	4.000	20.830	10.000	0.000	0.000	833.200	-
ii	Room	4.000	16.000	10.000	0.000	0.000	640.000	-
iii	Ceilling	2.000	20.830	16.000	0.000	0.000	666.560	-
iv	Varanda	1.000	31.660	10.000	0.000	0.000	316.600	-
v	Varanda	1.000	9.000	10.000	0.000	0.000	90.000	-
vi	Varanda	1.000	31.660	3.000	0.000	0.000	94.980	-
vii	Varanda	1.000	9.000	3.000	0.000	0.000	27.000	-
viii	Column	3.000	3.000	7.000	0.000	0.000	63.000	-
ix	Chaja	1.000	32.416	2.750	0.000	0.000	89.144	-
x	Chaja	1.000	4.000	2.750	0.000	0.000	11.000	-
xi	Out Side	1.000	17.500	11.000	0.000	0.000	192.500	-
xii	Out Side	1.000	27.250	11.000	0.000	0.000	299.750	-
xiii		1.000	32.416	4.000	0.000	0.000	129.664	-
xiv		1.000	11.500	13.000	0.000	0.000	149.500	-

xv	Office Room	2.000	10.000	10.000	0.000	0.000	200.000	-	
xvi		2.000	9.000	10.000	0.000	0.000	180.000	-	
xvii	Column	1.000	3.000	7.000	0.000	0.000	21.000	-	
xviii		2.000	11.660	10.000	0.000	0.000	233.200	-	
xix		2.000	11.660	3.000	0.000	0.000	69.960	-	
xx		1.000	11.660	11.000	0.000	0.000	128.260	-	
xxi		2.000	22.160	10.000	0.000	0.000	443.200	-	
xxii		2.000	16.000	10.000	0.000	0.000	320.000	-	
xxiii		1.000	22.160	16.000	0.000	0.000	354.560	-	
xxiv		2.000	10.916	10.000	0.000	0.000	218.320	-	
xxv		2.000	10.500	10.000	0.000	0.000	210.000	-	
xxvi		1.000	10.916	10.500	0.000	0.000	114.618	-	
xxvii	Out Side	1.000	28.750	13.000	0.000	0.000	373.750	-	
xxviii		1.000	17.500	13.000	0.000	0.000	227.500	-	
xxix		2.000	11.660	3.000	0.000	0.000	69.960	-	
xxx		1.000	12.830	13.000	0.000	0.000	166.790	-	
xxxi		1.000	44.000	13.000	0.000	0.000	572.000	-	
xxxii	DeductioWindow	4.000	3.000	4.000	0.000	0.000	-	48.000	
xxxiii		1.000	3.000	4.000	0.000	0.000	-	12.000	
xxxiv	Door	5.000	3.500	7.000	0.000	0.000	-	122.500	
Total Quantity					7323.516 Sft (Square Foot)		680.376606948 Sqm (Square Meter)		
Amount					680.376606948 X 5.12		3483.53		

5. 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	Room	4.000	20.830	10.000	0.000	0.000	833.200	-
ii	Room	4.000	16.000	10.000	0.000	0.000	640.000	-
iii	Ceilling	2.000	20.830	16.000	0.000	0.000	666.560	-
iv	Varanda	1.000	31.660	10.000	0.000	0.000	316.600	-
v	Varanda	1.000	9.000	10.000	0.000	0.000	90.000	-
vi	Varanda	1.000	31.660	3.000	0.000	0.000	94.980	-
vii	Varanda	1.000	9.000	3.000	0.000	0.000	27.000	-
viii	Column	3.000	3.000	7.000	0.000	0.000	63.000	-
ix	Chaja	1.000	32.416	2.750	0.000	0.000	89.144	-
x	Chaja	1.000	4.000	2.750	0.000	0.000	11.000	-
xi	Out Side	1.000	17.500	11.000	0.000	0.000	192.500	-
xii	Out Side	1.000	27.250	11.000	0.000	0.000	299.750	-
xiii		1.000	32.416	4.000	0.000	0.000	129.664	-
xiv		1.000	11.500	13.000	0.000	0.000	149.500	-
xv	Office Room	2.000	10.000	10.000	0.000	0.000	200.000	-
xvi		2.000	9.000	10.000	0.000	0.000	180.000	-
xvii	Column	1.000	3.000	7.000	0.000	0.000	21.000	-
xviii		2.000	11.660	10.000	0.000	0.000	233.200	-
xix		2.000	11.660	3.000	0.000	0.000	69.960	-

xx		1.000	11.660	11.000	0.000	0.000	128.260	-	
xxi		2.000	22.160	10.000	0.000	0.000	443.200	-	
xxii		2.000	16.000	10.000	0.000	0.000	320.000	-	
xxiii		1.000	22.160	16.000	0.000	0.000	354.560	-	
xxiv		2.000	10.916	10.000	0.000	0.000	218.320	-	
xxv		2.000	10.500	10.000	0.000	0.000	210.000	-	
xxvi		1.000	10.916	10.500	0.000	0.000	114.618	-	
xxvii	Out Side	1.000	28.750	13.000	0.000	0.000	373.750	-	
xxviii		1.000	17.500	13.000	0.000	0.000	227.500	-	
xxix		2.000	11.660	3.000	0.000	0.000	69.960	-	
xxx		1.000	12.830	13.000	0.000	0.000	166.790	-	
xxxi		1.000	44.000	13.000	0.000	0.000	572.000	-	
xxxii	DeductioWindow	4.000	3.000	4.000	0.000	0.000	-	48.000	
xxxiii		1.000	3.000	4.000	0.000	0.000	-	12.000	
xxxiv	Door	5.000	3.500	7.000	0.000	0.000	-	122.500	
Total Quantity					7323.516 Sft (Square Foot)		680.376606948 Sqm (Square Meter)		
Amount					680.376606948 X 72.855030353548		49568.86		
6. Painting (AR0920k) : Finishing wall two coats with plastic emulsion paint of approved shades on new work (Inside)(For Repair and maintenance)									
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)(For Repair and maintenance)									
Sl No	Description	No	L	B	D	CF	Quantity	Deduction	
i	Room	4.000	20.830	10.000	0.000	0.000	833.200	-	

ii	Room	4.000	16.000	10.000	0.000	0.000	640.000	-
iii	Ceilling	2.000	20.830	16.000	0.000	0.000	666.560	-
iv	Varanda	1.000	31.660	10.000	0.000	0.000	316.600	-
v	Varanda	1.000	9.000	10.000	0.000	0.000	90.000	-
vi	Varanda	1.000	31.660	3.000	0.000	0.000	94.980	-
vii	Varanda	1.000	9.000	3.000	0.000	0.000	27.000	-
viii	Column	3.000	3.000	7.000	0.000	0.000	63.000	-
ix	Chaja	1.000	32.416	2.750	0.000	0.000	89.144	-
x	Chaja	1.000	4.000	2.750	0.000	0.000	11.000	-
xi	Out Side	1.000	17.500	11.000	0.000	0.000	192.500	-
xii	Out Side	1.000	27.250	11.000	0.000	0.000	299.750	-
xiii		1.000	32.416	4.000	0.000	0.000	129.664	-
xiv		1.000	11.500	13.000	0.000	0.000	149.500	-
xv	Office Room	2.000	10.000	10.000	0.000	0.000	200.000	-
xvi		2.000	9.000	10.000	0.000	0.000	180.000	-
xvii	Column	1.000	3.000	7.000	0.000	0.000	21.000	-
xviii		2.000	11.660	10.000	0.000	0.000	233.200	-
xix		2.000	11.660	3.000	0.000	0.000	69.960	-
xx		1.000	11.660	11.000	0.000	0.000	128.260	-
xxi		2.000	22.160	10.000	0.000	0.000	443.200	-
xxii		2.000	16.000	10.000	0.000	0.000	320.000	-
xxiii		1.000	22.160	16.000	0.000	0.000	354.560	-
xxiv		2.000	10.916	10.000	0.000	0.000	218.320	-

xxv		2.000	10.500	10.000	0.000	0.000	210.000	-	
xxvi		1.000	10.916	10.500	0.000	0.000	114.618	-	
xxvii	Out Side	1.000	28.750	13.000	0.000	0.000	373.750	-	
xxviii		1.000	17.500	13.000	0.000	0.000	227.500	-	
xxix		2.000	11.660	3.000	0.000	0.000	69.960	-	
xxx		1.000	12.830	13.000	0.000	0.000	166.790	-	
xxxi		1.000	44.000	13.000	0.000	0.000	572.000	-	
xxxii	DeductioWindow	4.000	3.000	4.000	0.000	0.000	-	48.000	
xxxiii		1.000	3.000	4.000	0.000	0.000	-	12.000	
xxxiv	Door	5.000	3.500	7.000	0.000	0.000	-	122.500	
Total Quantity					7323.516 Sft (Square Foot)		680.376606948 Sqm (Square Meter)		
Amount					680.376606948 X 96.02497735		65333.15		
7. 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 specifaion and direction of Engineer-in charge.									
SI No	Description	No	L	B	D	CF	Quantity	Deduction	
i		1.000	30.000	4.500	0.330	0.000	44.550	-	
ii		1.000	9.500	10.160	0.330	0.000	31.852	-	
Total Quantity					76.4016 Cft (Cubic Foot)		2.16344882688 Cum (Cubic Meter)		
Amount					2.16344882688 X 6737.01992154		14575.20		
Total Amount							146135.91		
Addition									

Provision for PH Work (+) @	
Provision for EI Work (+) @	
Provision for Contingency (+) @	750.00
Display Citizen Board (+) @	1614.08
Any Other Lumpsum (+) @	1500.00
Provision for survey investigation and quality control (+) @	
Total Addition	3864.08
Grand Net Total Amount	149999.99

Sarat Kumar Malla
JE
Polosara Block

Laxmi Narayan Pattanayak
AEE
Polosara Block

SASI BHUSAN MAHAPATRO
BDO
Polosara Block