

Detailed Estimate

OD/361/3452/119469/385959/00014800 : Repair & Maintenance of Jagabalia UPME school, Baneikala
Block : Kendujhar Sadar, Gram Panchayat : Raikala
Created By:Ranjan Kumar Swain

1. Dismantling (AR1613) : Removing old lime or cement plaster									
Removing old lime or cement plaster from walls including raking out joints 12 mm deep and removing the debris within 50m lead and as per direction of Engineer-in-Charge.									
Sl No	Description	No	L	B	D	CF	Quantity	Deduction	
i	Classroom-1	2.000	37.080	0.000	1.500	0.000	111.240	-	
ii	Classroom-2	2.000	36.080	0.000	2.000	0.000	144.320	-	
iii		2.000	15.000	0.000	3.000	0.000	90.000	-	
Total Quantity					345.56 Sft (Square Foot)		32.10356068 Sqm (Square Meter)		
Amount					32.10356068 X 49.088172043011		1575.91		
2. R.C.C. Work (AR0402) : Reinforced cement concrete (1:11/2:3) work with 12mm size black hard crusher broken granite chips including hoisting and laying in position compacting (To be used for minor repair work only)									
Reinforced cement concrete (1:1.5:3) work with 12mm 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. (To be used for minor repair work only)									
Sl No	Description	No	L	B	D	CF	Quantity	Deduction	
i	w	32.000	0.830	0.500	0.500	0.000	6.640	-	
ii	D	12.000	0.830	0.660	0.660	0.000	4.339	-	
iii	chhaja	3.000	4.000	0.330	0.200	0.000	0.792	-	
Total Quantity					11.770576 Cft (Cubic Foot)		0.3333050464768 Cum (Cubic Meter)		
Amount					0.3333050464768 X 8662.41094096		2887.23		
3. Iron Work (AR1704) : Iron Doors and windows fixing									
Supplying, fitting & fixing of Mild steel and put up for frames & shutters of Doors and windows fixing in position with cost, conveyance, taxes of all materials, labours and T & P required for the work etc. as per direction of Engineer-in-charge.									

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	w	8.000	3.500	0.000	3.000	0.000	84.000	-
ii	D	2.000	3.500	0.000	6.500	0.000	45.500	-
Total Quantity					129.5 Kg (Kilo Gram)		1.295 Qntl (Quintal)	
Amount					1.295 X 16266.109811087		21064.61	

4. Painting (AR0903k) : Painting two coats of enamel paint in inner surface paint (Inner surface)(For repair and maintenance).

Painting two coats of enamel paint in inner surface paint including all costs of labour, Paint and brushes required for the work etc. complete and as per direction of Engineer-in-charge.(Inside)(For repair and maintenance)

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	door	2.000	3.500	6.500	2.250	0.000	102.375	-
ii	W	8.000	3.000	3.500	2.750	0.000	231.000	-
Total Quantity					333.375 Sft (Square Foot)		30.971537625 Sqm (Square Meter)	
Amount					30.971537625 X 166.99317181331		5172.04	

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	OUTER SIDE	2.000	85.500	0.000	10.000	0.000	1710.000	-
ii	W	2.000	24.330	0.000	10.000	0.000	486.600	-
iii	W	10.000	3.000	0.500	3.500	0.000	-	52.500
iv	D	6.000	3.500	0.500	6.500	0.000	-	68.250
v	CHHAJA	10.000	4.000	0.000	3.000	0.000	120.000	-
Total Quantity					2195.85 Sft (Square Foot)		204.00105255 Sqm (Square Meter)	
Amount					204.00105255 X 72.855030353548		14862.50	

6. 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)

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	OUTER SIDE	2.000	85.500	0.000	10.000	0.000	1710.000	-
ii	W	2.000	24.330	0.000	10.000	0.000	486.600	-
iii	W	10.000	3.000	0.500	3.500	0.000	-	52.500
iv	D	6.000	3.500	0.500	6.500	0.000	-	68.250
v	CHHAJA	10.000	4.000	0.000	3.000	0.000	120.000	-
vi	SLAB CORNICE	2.000	109.830	0.000	0.830	0.000	182.318	-
Total Quantity					2378.1678 Sft (Square Foot)		220.9389231234 Sqm (Square Meter)	
Amount					220.9389231234 X 160.72822700355		35511.12	

7. Painting (AR0922k) : Finishing wall two coats with distemper of approved shades on new work (Inside)(For repair and maintenance).

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)(For Repair and maintenance)

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Inside wall Room-1	2.000	15.000	0.000	9.500	0.000	285.000	-
ii		2.000	20.000	0.000	9.500	0.000	380.000	-
iii	cl room-2	2.000	20.000	0.000	9.500	0.000	380.000	-
iv		2.000	15.000	0.000	9.500	0.000	285.000	-
v	cl room-3	2.000	28.000	0.000	9.500	0.000	532.000	-
vi	SLAB CORNICE	2.000	15.000	0.000	9.500	0.000	285.000	-
vii	Ver	1.000	85.000	0.000	9.500	0.000	807.500	-
viii		2.000	8.000	0.000	3.500	0.000	56.000	-

ix		1.000	85.000	0.000	3.500	0.000	297.500	-
x	Ceiling	1.000	83.830	0.000	8.000	0.000	670.640	-
xi	l room ceiling	2.000	20.000	0.000	15.000	0.000	600.000	-
xii	last room Ceiling	1.000	28.000	0.000	15.000	0.000	420.000	-
xiii	D	6.000	3.500	0.500	6.500	0.000	-	68.250
xiv	W	10.000	3.000	0.500	3.500	0.000	-	52.500
Total Quantity					4877.89 Sft (Square Foot)		453.17061467 Sqm (Square Meter)	
Amount					453.17061467 X 80.0719819		36286.27	

8. Masonry Brick Work (AR0603b) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth

Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth 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	WATER TANK	2.000	14.000	0.830	4.000	0.000	92.960	-
ii		2.000	5.000	0.830	4.000	0.000	33.200	-
Total Quantity					126.16 Cft (Cubic Foot)		3.572447488 Cum (Cubic Meter)	
Amount					3.572447488 X 5364.357624528		19163.89	

9. Plastering (AR1004i) : 12mm thick cement plaster (1:6) over Brick work in outside.

12mm thick cement plaster (1:6) over Brick work in outside 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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	WATER TANK	2.000	12.330	0.000	3.500	0.000	86.310	-
ii		2.000	5.000	0.000	3.500	0.000	35.000	-

iii	BASE	1.000	12.330	0.000	5.000	0.000	61.650	-
Total Quantity					182.96 Sft (Square Foot)		16.99753288 Sqm (Square Meter)	
Amount					16.99753288 X 179.5129054192		3051.28	
Total Amount							139574.83	
Addition								
Provision for PH Work (+) @							8425.16	
Provision for EI Work (+) @								
Provision for Contingency (+) @							1500.00	
Display Citizen Board (+) @							500.00	
Any Other Lumpsum (+) @								
Total Addition							10425.16	
Grand Net Total Amount							149999.99	