

Detailed Estimate

OD/365/3487/120066/390575/00066286 : REPAIR AND MAINTENANCE OF GOVT. PS TIKARPADA

Block : Badasahi, Gram Panchayat : Uthaninuagaon

Created By: NARAYAN BESHRA

1. 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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	ROOM	1.000	3.650	3.050	0.100	0.000	1.113	-
ii	VERANDAH	1.000	3.650	1.500	0.100	0.000	0.548	-
Total Quantity					1.66075 cum (cum)		1.66075 Cum (Cubic Meter)	
Amount					1.66075 X 6203.3051933		10302.14	
2. Flooring (AR0802ii) : 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG Hand broken chips								
2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG Hand broken chips including punning incl. cost, conveyance & royalty of materials as per direction of Engineer-in-charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	KITCHEN	1.000	5.500	3.650	0.000	0.000	20.075	-
Total Quantity					20.075 Sqm (Sqm)		20.075 Sqm (Square Meter)	
Amount					20.075 X 375.655823186		7541.29	
3. 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/cm ² 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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction

i	LONG WALL	1.000	5.500	0.250	2.210	0.000	3.039	-
ii	SHORT WALL	2.000	3.650	0.250	2.210	0.000	4.033	-
Total Quantity					7.072 cum (cum)		7.072 Cum (Cubic Meter)	
Amount					7.072 X 5254.33857824		37158.68	

4. 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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	INSIDE	2.000	5.000	3.050	0.000	0.000	30.500	-
ii		2.000	3.650	3.050	0.000	0.000	22.265	-
iii	DOOR	1.000	1.050	2.130	0.500	0.000	-	1.118
Total Quantity					51.64675 Sqm (Sqm)		51.64675 Sqm (Square Meter)	
Amount					51.64675 X 257.32457911		13289.98	

5. Plastering (AR1004) : 12mm thick cement plaster (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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	OUT SIDE	2.000	5.500	3.050	0.000	0.000	33.550	-
ii		2.000	4.150	3.050	0.000	0.000	25.315	-
iii	DOOR	1.000	1.050	2.130	0.500	0.000	-	1.118
Total Quantity					57.74675 Sqm (Sqm)		57.74675 Sqm (Square Meter)	
Amount					57.74675 X 180.866293986		10444.44	

6. 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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Inside wall	2.000	3.650	3.050	0.000	0.000	22.265	-
ii		2.000	3.050	3.050	0.000	0.000	18.605	-
iii	OUR SIDE	2.000	4.150	3.400	0.000	0.000	28.220	-
iv		2.000	3.550	3.400	0.000	0.000	24.140	-
v		2.000	1.770	0.900	0.000	0.000	3.186	-
vi		1.000	4.150	0.900	0.000	0.000	3.735	-
vii	CEILING	1.000	3.650	3.050	0.000	0.000	11.133	-
viii		1.000	3.650	1.500	0.000	0.000	5.475	-
ix	DOOR	1.000	1.200	2.130	0.500	0.000	-	1.278
x	WINDOW	1.000	0.900	1.900	0.500	0.000	-	0.855
Total Quantity					114.6255 Sqm (Sqm)		114.6255 Sqm (Square Meter)	
Amount					114.6255 X 71.84257680551		8234.99	

7. Painting (AR0918fk) : Finishing wall with two coat weather coat paint of approved shade in the outer surface of old work(Outside)(For repair and maintenance) .

Finishing wall with two coat weather coat paint of approved shade in the outer surface of old work to give an even shade including all costs of labour, Paint and Brushes required for the work, etc. complete and as per direction of Engineer-in-charge(Outside)(For repair and maintenance).

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	OUT SIDE WALL	2.000	4.150	3.500	0.000	0.000	29.050	-
ii		2.000	3.550	3.500	0.000	0.000	24.850	-

iii		2.000	1.770	0.900	0.000	0.000	3.186	-	
iv		1.000	4.150	0.900	0.000	0.000	3.735	-	
v	KITCHEN	2.000	5.500	3.050	0.000	0.000	33.550	-	
vi		2.000	4.150	3.050	0.000	0.000	25.315	-	
vii	DOORR	1.000	1.200	2.130	0.500	0.000	-	1.278	
viii		1.000	1.040	2.130	0.500	0.000	-	1.108	
ix	WINDOW	1.000	0.900	1.200	0.500	0.000	-	0.540	
Total Quantity					116.7604 Sqm (Sqm)		116.7604 Sqm (Square Meter)		
Amount					116.7604 X 89.1455454125		10408.67		

8. Painting (AR0903b) : Painting two coats of enamel paint with a coat of red oxide primer over iron surface

Painting two coats of enamel paint with a coat of red oxide primer over iron surface including all costs of labour, Paint, Primer, brushes and putty 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	DOOR	1.000	1.200	2.130	0.000	2.250	5.751	-	
ii		1.000	1.050	2.130	0.000	2.250	5.032	-	
iii	WINDOW	1.000	0.900	1.200	0.000	2.750	2.970	-	
Total Quantity					13.753125 Sqm (Sqm)		13.753125 Sqm (Square Meter)		
Amount					13.753125 X 230.36495425153		3168.24		

9. Other Building Items. (AR1901B) : Vitrified Tile 600mmx600mm Plain Ivory

Supplying, fitting & fixing Vitrified Tile 600mmx600mm Plain Ivory in floors of size 600mm x 600 mm of approved make conforming IS:13755 laid on 20 mm thick cement mortar(1:4)and filling joints with white cement of approved quality including cost of all materials, taxes, labour, T&P , etc. required for the work all complete as per direction of Engineer-in-charge(for new work only)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
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i	ROOM	1.000	3.650	3.050	0.000	0.000	11.133	-
ii	Verandah	1.000	4.200	1.780	0.000	0.000	7.476	-
Total Quantity					18.6085 Sqm (Sqm)		18.6085 Sqm (Square Meter)	
Amount					18.6085 X 1027.857585881		19126.89	
10. 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	ROOM	2.000	3.650	0.150	0.000	0.000	1.095	-
ii		2.000	3.050	0.150	0.000	0.000	0.915	-
iii	VERANDAH	1.000	4.200	0.150	0.000	0.000	0.630	-
Total Quantity					2.64 Sqm (Sqm)		2.64 Sqm (Square Meter)	
Amount					2.64 X 1547.595857866		4085.65	
11. Concrete (AR0318) : 4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken)								
4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken) including hoisting and laying in position compacting and curing for the proper period with cost conveyance, royalty, taxes of all materials, labor and T&P required for the work etc. complete as per specification and direction of Engineer-in charge. (Old Work)								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	ROOF	1.000	5.020	5.640	0.000	0.000	28.313	-
Total Quantity					28.3128 Sqm (Sqm)		28.3128 Sqm (Square Meter)	
Amount					28.3128 X 767.802967479		21738.65	
Total Amount							145499.62	

Addition	
Provision for PH Work (+) @	0.00
Provision for EI Work (+) @	0.00
Provision for Contingency (+) @	1500.00
Display Citizen Board (+) @	3000.00
Any Other Lumpsum (+) @	0.00
Provision for survey investigation and quality control (+) @	0.00
Total Addition	4500.00
Grand Net Total Amount	149999.62

NARAYAN BESHRA
JE
Badasahi Block

DASHARATH MOHANTA
AEE
Badasahi Block

BANAJA DAS
BDO
Badasahi Block