

Detailed Estimate

OD/369/3545/121058/409910/00070395 : Construction of gopalji Natya sansada community center,baliguali Gp.
Block : Sadar, Gram Panchayat : Baligualli
Created By:Tapabanta Sahoo

1. R.C.C. Work (AR0404A) : First floor								
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)								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		2.000	7.730	0.230	0.200	0.000	0.711	-
ii		3.000	3.500	0.230	0.200	0.000	0.483	-
iii		2.000	7.730	0.230	0.150	0.000	0.533	-
iv		3.000	3.500	0.230	0.150	0.000	0.362	-
v		4.000	1.270	0.450	0.075	0.000	0.171	-
vi		1.000	7.730	0.230	0.200	0.000	0.356	-
vii		2.000	4.630	0.230	0.200	0.000	0.426	-
viii		1.000	5.000	1.150	0.150	0.000	0.863	-
ix		1.000	1.150	0.250	0.175	0.000	0.050	-
x		1.000	8.030	5.010	0.100	0.000	4.023	-
xi		1.000	1.150	0.900	0.100	0.000	-	0.104
xii		1.000	3.580	2.030	0.100	0.000	0.727	-
Total Quantity					8.6018525 cum (cum)		8.6018525 Cum (Cubic Meter)	
Amount					8.6018525 X 6213.0601100138		53443.83	
2. R.C.C. Work (AR0409) : First floor								

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		1.000	8.130	0.000	0.000	0.000	8.130	-
Total Quantity					8.13 Qntl (Quintal)		8.13 Qntl (Quintal)	
Amount					8.13 X 7980.0977185		64878.19	

3. R.C.C. Work (AR0410d) : First floor

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		4.000	7.730	0.000	0.200	0.000	6.184	-
ii		6.000	3.500	0.000	0.200	0.000	4.200	-
iii		1.000	7.730	0.000	0.200	0.000	1.546	-
iv		2.000	4.630	0.000	0.200	0.000	1.852	-
v		1.000	1.150	0.000	0.175	0.000	0.201	-
Total Quantity					13.98325 Sqm (Sqm)		13.98325 Sqm (Square Meter)	
Amount					13.98325 X 1256.858751656		17574.97	

4. R.C.C. Work (AR0410e) : First floor

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. Lintels Data for 7.8 sqm

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i		2.000	7.730	0.000	0.150	0.000	2.319	-
ii		3.000	3.500	0.000	0.150	0.000	1.575	-
Total Quantity					3.894 Sqm (Sqm)		3.894 Sqm (Square Meter)	

Amount				3.894 X 598.98320701754			2332.44	
5. R.C.C. Work (AR0410b) : First floor								
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. stairs excluding landing but including railing details for 5 Sqm								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	5.000	1.150	0.000	0.000	5.750	-
Total Quantity					5.75 Sqm (Sqm)		5.75 Sqm (Square Meter)	
Amount				5.75 X 1102.0046377272			6336.53	
6. R.C.C. Work (AR0410a) : First floor								
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. floor and roof slabs, landings, balconies, projecting sun shades and chajjas up to 4.3m height								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	8.030	5.010	0.000	0.000	40.230	-
ii		1.000	1.150	0.900	0.000	0.000	-	1.035
iii		4.000	1.070	0.450	0.000	0.000	1.926	-
iv		1.000	3.580	2.030	0.000	0.000	7.267	-
Total Quantity					48.3887 Sqm (Sqm)		48.3887 Sqm (Square Meter)	
Amount				48.3887 X 795.2279320416			38480.05	
7. Masonry Brick Work (AR0603ci) : First floor								
Brickwork with Flyash Bricks of size (23cm x 11cm 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		1.000	7.730	0.230	2.450	0.000	4.356	-
ii		1.000	7.730	0.125	2.450	0.000	2.367	-
iii		3.000	3.000	0.250	2.450	0.000	5.513	-
iv		4.000	1.070	0.230	1.200	0.000	-	1.181
v		2.000	1.150	0.230	2.100	0.000	-	1.111
vi		2.000	3.130	0.125	2.300	0.000	1.800	-
vii		2.000	1.800	0.125	2.300	0.000	1.035	-
viii		1.000	0.780	0.125	2.050	0.000	-	0.200
ix		1.000	10.900	0.230	0.900	0.000	2.256	-
x		1.000	3.200	0.230	0.900	0.000	0.662	-
xi		1.000	8.100	0.230	0.900	0.000	1.677	-
xii		0.500	4.000	3.000	0.230	0.000	1.380	-
xiii		1.000	8.030	0.125	0.900	0.000	0.903	-
xiv		2.000	5.010	0.125	0.900	0.000	1.127	-
xv		1.000	5.000	0.125	0.750	0.000	0.469	-
xvi	Brick pillar	4.000	0.230	0.230	0.900	0.000	0.190	-
Total Quantity					21.2435775 cum (cum)		21.2435775 Cum (Cubic Meter)	
Amount					21.2435775 X 5364.290082192		113956.71	
8. Plastering (AR1004) : First Floor								
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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		2.000	7.730	0.000	3.000	0.000	46.380	-

ii		2.000	3.960	0.000	3.000	0.000	23.760	-
iii		2.000	3.130	0.000	2.300	0.000	14.398	-
iv		2.000	2.030	0.000	2.300	0.000	9.338	-
v		2.000	10.900	0.000	0.900	0.000	19.620	-
vi		2.000	3.200	0.000	0.900	0.000	5.760	-
vii		2.000	8.100	0.000	0.900	0.000	14.580	-
viii		2.000	8.030	0.000	0.900	0.000	14.454	-
ix		4.000	5.010	0.000	0.900	0.000	18.036	-
x		2.000	5.000	0.000	0.750	0.000	7.500	-
xi		2.000	1.100	0.000	2.100	0.000	-	4.620
xii		1.000	0.780	0.000	2.050	0.000	-	1.599
xiii		4.000	1.070	0.000	1.400	0.000	-	5.992
Total Quantity					161.615 Sqm (Sqm)		161.615 Sqm (Square Meter)	
Amount					161.615 X 172.2117123388		27832.00	
9. Plastering (AR1014) : First Floor								
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		4.000	3.950	0.000	3.000	0.000	47.400	-
ii		4.000	3.500	0.000	3.000	0.000	42.000	-
iii		2.000	2.900	0.000	2.300	0.000	13.340	-
iv		2.000	1.800	0.000	2.300	0.000	8.280	-
v		2.000	1.100	0.000	2.100	0.000	-	4.620

vi		1.000	0.780	0.000	2.050	0.000	-	1.599
vii		4.000	1.070	0.000	1.400	0.000	-	5.992
Total Quantity					98.809 Sqm (Sqm)		98.809 Sqm (Square Meter)	
Amount					98.809 X 248.144455598		24518.91	
10. Plastering (AR1027) : First Floor								
6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside including chipping with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc comp. and as per the direction of the Engineer-in-charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	8.030	5.010	0.000	0.000	40.230	-
ii		1.000	3.580	2.030	0.000	0.000	7.267	-
iii		4.000	1.270	0.450	0.000	0.000	2.286	-
iv	Slop	1.000	5.000	0.920	0.000	0.000	4.600	-
Total Quantity					54.3837 Sqm (Sqm)		54.3837 Sqm (Square Meter)	
Amount					54.3837 X 193.5077300392		10523.67	
11. Painting (AR0901d) : First Floor								
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		1.000	153.190	0.000	0.000	0.000	153.190	-
Total Quantity					153.19 Sqm (Sqm)		153.19 Sqm (Square Meter)	
Amount					153.19 X 73.582069974671		11272.04	
12. Painting (AR0920) : First Floor								

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)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	153.190	0.000	0.000	0.000	153.190	-
Total Quantity					153.19 Sqm (Sqm)		153.19 Sqm (Square Meter)	
Amount					153.19 X 96.6498933875		14805.80	

13. 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)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	161.620	0.000	0.000	0.000	161.620	-
Total Quantity					161.62 Sqm (Sqm)		161.62 Sqm (Square Meter)	
Amount					161.62 X 160.71529806685		25974.81	
Total Amount							411929.93	

Addition

Provision for PH Work (+) @								
Provision for EI Work (+) @							2000.00	
Provision for Contingency (+) @							4215.00	
Display Citizen Board (+) @							1500.00	
Any Other Lumpsum (+) @							1500.00	
Provision for survey investigation and quality control (+) @								
Total Addition							9215.00	
Grand Net Total Amount							421144.93	

Tapabanta Sahoo
JE
Sadar Block

Buddhadev Rath
AEE
Sadar Block

SAMBEET SATAPATHY
BDO
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