

Detailed Estimate

OD/346/3304/116214/394042/00072536 : Const. of New class room at Tutapada High School.

Block : Khaira, Gram Panchayat : Jhinkiria

Created By:Shradhananda Panigrahi

1. R.C.C. Work (AR0404A) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips								
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	W. Beam	1.000	60.000	0.830	0.500	0.000	24.900	-
ii	Slab	1.000	18.000	18.000	0.416	0.000	134.784	-
iii		1.000	14.000	8.583	0.416	0.000	49.987	-
iv	Front Slab	2.000	9.000	1.500	0.250	0.000	6.750	-
Total Quantity					216.421392 Cft (Cubic Foot)		6.1283612729856 Cum (Cubic Meter)	
Amount					6.1283612729856 X 7105.742550539		43546.56	
2. R.C.C. Work (AR0409) : Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position								
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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	W. Beam	1.000	60.000	0.830	0.500	1.400	34.860	-
ii	Slab	1.000	18.000	18.000	0.416	1.400	188.698	-
iii		1.000	14.000	8.583	0.416	1.400	69.982	-
iv	Front Slab	2.000	9.000	1.500	0.250	1.400	9.450	-

Total Quantity	302.9899488 Kg (Kilo Gram)	3.029899488 Qntl (Quintal)
Amount	3.029899488 X 8421.6029474	25516.61

3. R.C.C. Work (AR0410d) : Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting

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	W. Beam	1.000	60.000	0.000	0.500	2.000	60.000	-
Total Quantity					60 Sft (Square Foot)		5.57418 Sqm (Square Meter)	
Amount					5.57418 X 1047.3822930467		5838.30	

4. R.C.C. Work (AR0410a) : Centring & Shuttering for R.C.C. floor and roof slabs, landings, balconies, projecting sun shades and chajjas

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

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Slab	1.000	18.000	18.000	0.000	0.000	324.000	-
ii	Slab	1.000	14.000	8.583	0.000	0.000	120.162	-
iii	Front Slab	2.000	9.000	1.500	0.000	0.000	27.000	-
iv	Deduct Wall	1.000	99.000	0.830	0.000	0.000	-	82.170
Total Quantity					388.992 Sft (Square Foot)		36.138523776 Sqm (Square Meter)	
Amount					36.138523776 X 662.689943368		23948.64	
Total Amount							98850.10	

Addition

Provision for PH Work (+) @	
Provision for EI Work (+) @	
Provision for Contingency (+) @	
Display Citizen Board (+) @	1000.00
Any Other Lumpsum (+) @	
Provision for survey investigation and quality control (+) @	
Total Addition	1000.00
Grand Net Total Amount	99850.10

Shradhananda Panigrahi
JE
Khaira Block

Uttam Ku Sahoo
AEE
Khaira Block

Narayan Sahu
BDO
Khaira Block