

Detailed Estimate

OD/347/3311/116364/380886/00017599 : Completion of kalyan mandap Kulitapada,Lurupali,Mapada
Block : Attabira, Gram Panchayat : Manapada
Created By:Basanta Kumar Behera

1. 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	COLUMN	22.000	0.375	0.000	2.100	2.000	34.650	-
ii	COLUMN	22.000	0.225	0.000	2.100	2.000	20.790	-
Total Quantity					55.44 Sqm (Sqm)		55.44 Sqm (Square Meter)	
Amount					55.44 X 1047.3822930467		58066.87	
2. R.C.C. Work (AR0410e) : 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. Lintels Data for 7.8 sqm								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	LINTEL	4.000	13.450	0.000	0.150	2.000	16.140	-
ii	S WALL	3.000	20.950	0.000	0.150	2.000	18.855	-
iii	S WALL	2.000	3.950	0.000	0.150	2.000	2.370	-
Total Quantity					37.365 Sqm (Sqm)		37.365 Sqm (Square Meter)	
Amount					37.365 X 499.15267251462		18650.84	
3. R.C.C. Work (AR0410b) : centering and shuttering fRigid and smooth or 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. stairs excluding landing but including railing details for 5 Sqm								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	staircase	1.000	3.650	1.450	0.000	0.000	5.293	-

ii	landing	1.000	2.700	1.450	0.000	0.000	3.915	-
iii	step	12.000	1.450	0.000	0.150	0.000	2.610	-
Total Quantity					11.8175 Sqm (Sqm)		11.8175 Sqm (Square Meter)	
Amount					11.8175 X 918.337198106		10852.45	
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	chajja	1.000	2.400	0.675	0.000	0.000	1.620	-
ii	chajja	8.000	1.800	0.675	0.000	0.000	9.720	-
Total Quantity					11.34 Sqm (Sqm)		11.34 Sqm (Square Meter)	
Amount					11.34 X 662.689943368		7514.90	
5. 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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	rod	7.000	0.000	0.000	0.000	0.000	7.000	-
Total Quantity					7 Qntl (Quintal)		7 Qntl (Quintal)	
Amount					7 X 8946.7623252		62627.34	
6. 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)								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	column	22.000	0.375	0.225	2.100	0.000	3.898	-

ii	intel band	4.000	13.550	0.225	0.150	0.000	1.829	-
iii	s wall	2.000	20.950	0.225	0.150	0.000	1.414	-
iv	s wall	2.000	3.950	0.225	0.150	0.000	0.267	-
v	chajja	1.000	2.400	0.600	0.063	0.000	0.091	-
vi	w chajja	8.000	1.800	0.600	0.063	0.000	0.544	-
vii	staircase	1.000	3.650	1.450	0.100	0.000	0.529	-
viii	landing	1.000	2.700	1.450	0.100	0.000	0.392	-
ix	steps	12.000	1.450	0.250	0.150	0.500	0.326	-

Total Quantity					9.290165 cum (cum)		9.290165 Cum (Cubic Meter)	
Amount					9.290165 X 5960.0290380354		55369.65	

7. 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	hall	1.000	12.950	20.950	0.375	0.000	101.738	-
ii	plinthband	4.000	20.950	0.400	0.375	0.000	-	12.570

Total Quantity					89.1684375 cum (cum)		89.1684375 Cum (Cubic Meter)	
Amount					89.1684375 X 761.502832		67902.02	

8. Masonry Brick Work (AR0603ci) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure

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/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	long wall	4.000	13.450	0.225	2.100	0.000	25.421	-
ii	short wall	2.000	20.950	0.225	2.100	0.000	19.798	-
iii	short wall	2.000	3.950	0.225	2.100	0.000	3.733	-

iv	column	22.000	0.225	0.225	2.100	0.000	-	2.339
v	d	2.000	1.200	0.225	2.100	0.000	-	1.134
vi	gate	1.000	2.100	0.225	2.100	0.000	-	0.992
vii	gate1	1.000	1.500	0.225	2.100	0.000	-	0.709
viii	w	8.000	1.500	0.225	1.200	0.000	-	3.240
Total Quantity					40.537125 cum (cum)		40.537125 Cum (Cubic Meter)	
Amount					40.537125 X 5188.442309536		210324.53	
Total Amount							491308.61	
Addition								
Provision for PH Work (+) @								
Provision for EI Work (+) @								
Provision for Contingency (+) @							3691.39	
Display Citizen Board (+) @							5000.00	
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								
Total Addition							8691.39	
Grand Net Total Amount							500000.00	