

Detailed Estimate

OD/371/3565/121406/382422/00065300 : Repair & Renovation of Shiva Temple at Kutasinga
Block : Rairakhol, Gram Panchayat : Luhapank
Created By:Hemangini Bhoi

1. Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift								
Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per the direction of the Engineer-in-charge								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	base	1.000	45.250	15.000	0.500	0.028	9.604	-
ii		1.000	33.500	11.000	0.500	0.028	5.214	-
iii		1.000	31.160	20.660	0.500	0.028	9.109	-
iv		1.000	16.000	7.080	0.500	0.028	1.603	-
v		1.000	101.000	25.500	0.500	0.028	36.443	-
vi		1.000	16.660	7.000	0.500	0.028	1.650	-
vii		1.000	17.000	36.000	0.500	0.028	8.660	-
viii	mandir small	3.000	4.000	4.000	0.500	0.028	-	0.679
ix	tubewell	1.000	3.000	3.000	0.500	0.028	-	0.127
Total Quantity					71.47753074 cum (cum)		71.47753074 Cum (Cubic Meter)	
Amount					71.47753074 X 240.77592		17210.07	
2. 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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction

i	base	1.000	45.250	15.000	0.330	0.028	6.339	-	
ii		1.000	33.500	11.000	0.330	0.028	3.441	-	
iii		1.000	31.160	20.660	0.330	0.028	6.012	-	
iv		1.000	16.000	7.080	0.330	0.028	1.058	-	
v		1.000	101.000	25.500	0.330	0.028	24.053	-	
vi		1.000	16.660	7.000	0.330	0.028	1.089	-	
vii		1.000	17.000	36.000	0.330	0.028	5.715	-	
viii		3.000	4.000	4.000	0.330	0.028	-	0.448	
ix		1.000	3.000	3.000	0.330	0.028	-	0.084	
Total Quantity					47.1751702884 cum (cum)		47.1751702884 Cum (Cubic Meter)		
Amount					47.1751702884 X 608.336332		28698.37		

3. 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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Base	1.000	45.250	15.000	0.200	0.028	3.842	-
ii		1.000	33.500	11.000	0.200	0.028	2.086	-
iii		1.000	31.160	20.660	0.200	0.028	3.644	-
iv		1.000	16.000	7.080	0.200	0.028	0.641	-
v		1.000	101.000	25.500	0.250	0.028	18.222	-
vi		1.000	16.660	7.000	0.200	0.028	0.660	-
vii		1.000	17.000	36.000	0.200	0.028	3.464	-
viii		3.000	4.000	4.000	0.200	0.028	-	0.272

ix		1.000	3.000	3.000	0.200	0.028	-	0.051
Total Quantity					32.235344796 cum (cum)		32.235344796 Cum (Cubic Meter)	
Amount					32.235344796 X 5412.5827078		174476.47	
4. Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum								
Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) 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 as per specificaion and direction of Engineer-in charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Base	1.000	45.250	15.000	0.200	0.028	3.842	-
ii		1.000	33.600	11.000	0.200	0.028	2.092	-
iii		1.000	31.160	20.660	0.200	0.028	3.644	-
iv		1.000	16.000	7.080	0.160	0.028	0.513	-
v		1.000	101.000	25.500	0.160	0.028	11.662	-
vi		1.000	16.660	7.000	0.160	0.028	0.528	-
vii		1.000	17.000	36.000	0.160	0.028	2.771	-
viii		3.000	4.000	4.000	0.200	0.028	-	0.272
ix		1.000	3.000	3.000	0.200	0.028	-	0.051
Total Quantity					24.728741496 cum (cum)		24.728741496 Cum (Cubic Meter)	
Amount					24.728741496 X 6951.9560076		171913.12	
5. R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc								
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. foundation, plinth band and footings bases of columns mass concrete precast slabs, etc								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction

i	Side faces	2.000	256.000	0.330	1.000	0.093	15.696	-
Total Quantity					15.696384 Sqm (Sqm)		15.696384 Sqm (Square Meter)	
Amount					15.696384 X 216.23489289764		3394.11	
Total Amount							395692.14	
Addition								
Provision for survey investigation and quality control (+) @							0.00	
Display Citizen Board (+) @							2329.00	
Provision for Contingency (+) @							1978.46	
Provision for EI Work (+) @								
Provision for PH Work (+) @								
Any Other Lumpsum (+) @								
Total Addition							4307.46	
Grand Net Total Amount							399999.60	

Hemangini Bhoi
JE
Rairakhol Block

Supriya Biswal
AEE
Rairakhol Block

Rajendra Senapati
BDO
Rairakhol Block