

Detailed Estimate

**OD/369/3541/120972/410086/00075868 : CONSTRUCTION AND RENOVATION OF AKHANDALAMANI JANGYA
MANDAP AT BANIKUDA**

Block : Kanas, Gram Panchayat : Baku

Created By:SIDHANTA SWAIN

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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	column	8.000	1.050	1.050	1.050	0.000	9.261	-
ii	wall	1.000	28.000	0.600	0.600	0.000	10.080	-
iii	deduction	8.000	1.050	0.600	0.600	0.000	-	3.024
Total Quantity					16.317 cum (cum)		16.317 Cum (Cubic Meter)	
Amount					16.317 X 240.77592		3928.74	
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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	column	8.000	1.050	1.050	0.100	0.000	0.882	-
ii	wall	1.000	28.000	0.600	0.100	0.000	1.680	-
iii	inside mandap	1.000	5.050	4.950	0.400	0.000	9.999	-
iv	deduction column	8.000	1.050	0.600	0.100	0.000	-	0.504
v	Inside mandap	1.000	1.500	1.500	0.100	0.000	-	0.225
Total Quantity					11.832 cum (cum)		11.832 Cum (Cubic Meter)	

Amount					11.832 X 605.053832	7159.00		
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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	column	8.000	1.050	1.050	0.150	0.000	1.323	-
ii	inside mandap	1.000	5.050	4.950	0.100	0.000	2.500	-
Total Quantity					3.82275 cum (cum)		3.82275 Cum (Cubic Meter)	
Amount					3.82275 X 5970.44794196		22823.53	
4. Masonry Stone Work (AR0717) : Laterite stone masonry								
Laterite stone masonry in cement mortar (1:6) in foundation and plinth cost conveyance, royalty, taxes of all materials, labor, required for the work, etc. complete and as per direction of the Engineer-in-charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	wall	1.000	28.000	0.500	0.200	0.000	2.800	-
ii		1.000	28.000	0.250	0.400	0.000	2.800	-
iii	column	8.000	1.050	0.500	0.200	0.000	-	0.840
iv		8.000	0.250	0.250	0.400	0.000	-	0.200
Total Quantity					4.56 cum (cum)		4.56 Cum (Cubic Meter)	
Amount					4.56 X 5677.337232528		25888.66	
5. R.C.C. Work (AR0404Aa) : 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC foundation, footing bases of column, mass concrete, pre-cast slabs etc.)								
SI No	Description	No	L	B	D	CF	Quantity	Deduction

i	column base	8.000	1.050	1.050	0.200	0.000	1.764	-
ii		8.000	0.825	0.825	0.200	0.000	1.089	-
Total Quantity					2.853 cum (cum)		2.853 Cum (Cubic Meter)	
Amount					2.853 X 6494.1751459069		18527.88	

6. R.C.C. Work (AR0404Ab) : 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Plinth band)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	plinth beam	1.000	28.000	0.250	0.380	0.000	2.660	-
Total Quantity					2.66 cum (cum)		2.66 Cum (Cubic Meter)	
Amount					2.66 X 7252.1015134214		19290.59	

7. R.C.C. Work (AR0404Ac) : 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. (including centring and shuttering) complete and as per direction of Engineer-in charge. (RCC Beams, Column, Girder & Bressmer etc)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	COIUMN	4.000	0.250	0.250	2.850	0.000	0.713	-
ii	COLUMN	4.000	0.250	0.250	3.550	0.000	0.888	-
iii	COLUMN	4.000	0.250	0.250	2.200	0.000	0.550	-
iv	COLUMN	4.000	0.250	0.250	0.600	0.000	0.150	-
v	BEAM	1.000	28.000	0.250	0.380	0.000	2.660	-
vi	BEAM	4.000	2.450	0.150	0.150	0.000	0.221	-

Total Quantity		5.1805 cum (cum)		5.1805 Cum (Cubic Meter)				
Amount		5.1805 X 14557.800799497		75416.69				
8. R.C.C. Work (AR0404Ag) : 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, landing, balcony, sun shade)								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	SLAB	4.000	3.900	2.950	0.120	0.000	5.522	-
ii	MIIDLE SLAB	4.000	2.650	1.150	0.120	0.000	1.463	-
iii	UPPER SLAB	1.000	2.000	2.000	0.120	0.000	0.480	-
Total Quantity		7.4652 cum (cum)		7.4652 Cum (Cubic Meter)				
Amount		7.4652 X 12807.775452351		95612.61				
9. 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		1.000	15.599	1.000	1.000	0.000	15.599	-
Total Quantity		15.599 Qntl (Quintal)		15.599 Qntl (Quintal)				
Amount		15.599 X 7959.7534905		124164.19				
Total Amount		392811.88						
Addition								
Provision for PH Work (+) @								
Provision for EI Work (+) @								

Provision for Contingency (+) @	3187.00
Display Citizen Board (+) @	4000.00
Any Other Lumpsum (+) @	
Provision for survey investigation and quality control (+) @	
Total Addition	7187.00
Grand Net Total Amount	399998.88

SIDHANTA SWAIN
JE
Kanas Block

SASWAT KUMAR SENAPATI
AEE
Kanas Block

SOUMYA RANJAN SWAIN
BDO
Kanas Block