

Detailed Estimate

OD/359/3430/118978/415494/00013527 : Const. of Kalyan mandap at Bisipada
Block : Phulbani, Gram Panchayat : Bisipada
Created By: SANTOSHI SAHOO

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	column	6.000	5.000	5.000	5.000	0.000	750.000	-
ii		11.000	4.000	4.000	4.000	0.000	704.000	-
iii	lw	2.000	51.160	2.000	2.000	0.000	409.280	-
iv	sw	3.000	22.160	2.000	2.000	0.000	265.920	-
v	cw	2.000	8.830	2.000	2.000	0.000	70.640	-
vi	portico	1.000	10.330	1.500	1.500	0.000	23.243	-
vii		2.000	8.330	1.500	1.500	0.000	37.485	-
viii	column	6.000	5.000	2.000	2.000	0.000	-	120.000
ix		11.000	4.000	2.000	2.000	0.000	-	176.000
Total Quantity					1964.5675 Cft (Cubic Foot)		55.630264984 Cum (Cubic Meter)	
Amount					55.630264984 X 240.77592		13394.43	
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	column	6.000	5.000	5.000	0.500	0.000	75.000	-
ii		11.000	4.000	4.000	0.500	0.000	88.000	-
iii	lw	2.000	51.160	2.000	0.500	0.000	102.320	-
iv	sw	3.000	22.160	2.000	0.500	0.000	66.480	-
v	cw	2.000	8.830	2.000	0.500	0.000	17.660	-
vi	portico	1.000	10.330	1.500	0.500	0.000	7.748	-
vii		2.000	8.330	1.500	0.500	0.000	12.495	-
viii	column	6.000	5.000	2.000	0.500	0.000	-	30.000
ix		11.000	4.000	2.000	0.500	0.000	-	44.000
x	inside hall	1.000	37.500	23.330	1.000	0.000	874.875	-
xi	room	2.000	8.500	10.000	1.000	0.000	170.000	-
xii	toilet	2.000	5.000	4.750	1.000	0.000	47.500	-
xiii	portico	1.000	8.000	9.000	1.000	0.000	72.000	-
Total Quantity					1460.0775 Cft (Cubic Foot)		41.344722552 Cum (Cubic Meter)	
Amount					41.344722552 X 543.847832		22485.24	
3. Concrete (AR0304a) : Cement concrete (1:4:8) with 4 cm. hard granite(Hand Broken) metal								
Cement concrete (1:4:8) with 4 cm. hard granite(Hand 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	column	6.000	5.000	5.000	0.500	0.000	75.000	-
ii		11.000	4.000	4.000	0.500	0.000	88.000	-
iii	lw	2.000	51.160	2.000	1.500	0.000	306.960	-
iv	sw	3.000	22.160	2.000	1.500	0.000	199.440	-

v	cw	2.000	8.830	2.000	1.500	0.000	52.980	-	
vi	portico	1.000	10.330	1.500	1.000	0.000	15.495	-	
vii		2.000	8.330	1.500	1.000	0.000	24.990	-	
viii	column	6.000	5.000	2.000	0.500	0.000	-	30.000	
ix		11.000	4.000	2.000	0.500	0.000	-	44.000	
x	inside hall	1.000	37.500	23.330	0.330	0.000	288.709	-	
xi	room	2.000	8.500	10.000	0.330	0.000	56.100	-	
xii	toilet	2.000	5.000	4.750	0.330	0.000	15.675	-	
xiii	portico	1.000	9.000	9.000	0.330	0.000	26.730	-	
xiv	2nd plinth footing	2.000	50.410	1.250	2.000	0.000	252.050	-	
xv		3.000	22.910	1.250	2.000	0.000	171.825	-	
xvi		2.000	9.580	1.250	2.000	0.000	47.900	-	
xvii	portico 2nd footing	1.000	10.083	1.250	1.330	0.000	16.763	-	
xviii		2.000	8.580	1.250	1.330	0.000	28.529	-	
Total Quantity					1593.1452375 Cft (Cubic Foot)		45.11277506124 Cum (Cubic Meter)		
Amount					45.11277506124 X 5021.11580992		226516.47		
4. 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 footing	6.000	5.000	5.000	1.000	0.000	150.000	-	

ii		11.000	4.000	4.000	1.000	0.000	176.000	-
iii		6.000	4.000	4.000	1.000	0.000	96.000	-
iv		11.000	3.000	3.000	1.000	0.000	99.000	-
v		6.000	3.000	3.000	1.000	0.000	54.000	-
vi		11.000	2.000	2.000	1.000	0.000	44.000	-
vii	column superstructure	6.000	1.500	1.000	12.000	0.000	108.000	-
viii		8.000	0.830	0.830	12.000	0.000	66.134	-
ix		3.000	0.830	0.830	9.500	0.000	19.634	-
x	plinthband	2.000	50.000	0.830	1.000	0.000	83.000	-
xi	sw	3.000	23.330	0.830	1.000	0.000	58.092	-
xii		2.000	10.000	0.830	1.000	0.000	16.600	-
xiii	cw	1.000	5.000	0.830	1.000	0.000	4.150	-
xiv	prtico plinth	2.000	10.660	0.830	1.000	0.000	17.696	-
xv		1.000	8.000	0.830	1.000	0.000	6.640	-
Total Quantity					998.94535 Cft (Cubic Foot)		28.28693568688 Cum (Cubic Meter)	
Amount					28.28693568688 X 7119.4393049488		201387.12	
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	25.860	0.000	0.000	0.000	0.000	25.860	-
Total Quantity					25.86 Qntl (Quintal)		25.86 Qntl (Quintal)	

Amount					25.86 X 9539.0373645	246679.51		
6. 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								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	plinth band	4.000	50.000	0.000	1.000	0.000	200.000	-
ii	sw	6.000	23.330	0.000	1.000	0.000	139.980	-
iii		4.000	10.000	0.000	1.000	0.000	40.000	-
iv		2.000	5.000	0.000	1.000	0.000	10.000	-
v	prtico plinth	4.000	10.660	0.000	1.000	0.000	42.640	-
vi		2.000	8.000	0.000	1.000	0.000	16.000	-
Total Quantity					448.62 Sft (Square Foot)		41.67814386 Sqm (Square Meter)	
Amount					41.67814386 X 216.23489289764		9012.27	
7. 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								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	column	6.000	20.000	0.000	1.000	0.000	120.000	-
ii		11.000	16.000	0.000	1.000	0.000	176.000	-
iii		11.000	12.000	0.000	1.000	0.000	132.000	-
iv		6.000	12.000	0.000	1.000	0.000	72.000	-
v		11.000	8.000	0.000	1.000	0.000	88.000	-

vi	above gl	6.000	3.000	0.000	12.000	0.000	216.000	-
vii		6.000	2.000	0.000	12.000	0.000	144.000	-
viii		10.000	3.330	0.000	10.000	0.000	333.000	-
ix	portico,rt side extra column	3.000	3.340	0.000	9.500	0.000	95.190	-
Total Quantity					1376.19 Sft (Square Foot)		127.85217957 Sqm (Square Meter)	
Amount					127.85217957 X 1047.3822930467		133910.11	

8. Masonry Brick Work (AR0603bi) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure

Brickwork with Flyash Bricks of size (25cm x 12cm 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	lw	2.000	50.000	0.830	8.000	0.000	664.000	-
ii	sw	3.000	23.330	0.830	8.000	0.000	464.734	-
iii	sw	2.000	10.000	0.830	8.000	0.000	132.800	-
iv	cw	1.000	5.000	0.415	8.000	0.000	16.600	-
v	ded door	3.000	4.000	0.830	8.000	0.000	-	79.680
vi	door2	2.000	3.000	0.830	8.000	0.000	-	39.840
vii	door3	2.000	2.500	0.830	8.000	0.000	-	33.200
viii	window	3.000	5.000	0.830	5.500	0.000	-	68.475
ix		2.000	4.500	0.830	5.000	0.000	-	37.350
x	column	6.000	1.500	1.000	8.000	0.000	-	72.000
xi		10.000	0.830	0.830	8.000	0.000	-	55.112

Total Quantity	892.4766 Cft (Cubic Foot)	25.27208138688 Cum (Cubic Meter)
Amount	25.27208138688 X 5285.712930592	133580.97
Total Amount		986966.11
Addition		
Provision for PH Work (+) @		
Provision for EI Work (+) @		
Provision for Contingency (+) @		10000.00
Display Citizen Board (+) @		3033.00
Any Other Lumpsum (+) @		0.00
Provision for survey investigation and quality control (+) @		
Total Addition		13033.00
Grand Net Total Amount		999999.11

SANTOSHI SAHOO
JE
Phulbani Block

Laxmidhar Singh
AEE
Phulbani Block

SOUMYA RANJAN PATRO
BDO
Phulbani Block