

## Detailed Estimate

**OD/346/3305/116247/393088/00068102 : Const of Bhoga mandap Near bamphi mandir**  
**Block : Nilgiri, Gram Panchayat : Narasinghpur**  
**Created By: Bharat Singh**

<b>1. Pile Foundation (AR1501ca) : Single under reamed pile foundation 250 mm dia and 3.0 metre long with RCC M20 using 12mm size black hard granite (Crusher broken) stone chips</b>								
Single under reamed pile foundation 250 mm dia and 3.0 metre long with RCC M-20 using 12mm size black hard granite (Crusher broken) stone chips including cost of boring but excluding cost of M.S./Tor steel and labour charges for cutting, bending and binding of steel including cost, convenience, royalty, taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge. (250mm dia and 3.0 meter long)								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	12.000	0.000	0.000	0.000	12.000	-
Total Quantity					12 Nos (Number)		12 Nos (Number)	
Amount					12 X 2442.03313792		29304.40	
<b>2. Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift</b>								
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		6.000	2.500	2.500	0.830	0.000	31.125	-
Total Quantity					31.125 Cft (Cubic Foot)		0.8813604 Cum (Cubic Meter)	
Amount					0.8813604 X 240.77592		212.21	
<b>3. Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed</b>								
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		6.000	2.500	2.500	0.330	0.000	12.375	-

ii		1.000	21.330	10.330	0.670	0.000	147.627	-
Total Quantity					160.002063 Cft (Cubic Foot)		4.5307464175584 Cum (Cubic Meter)	
Amount					4.5307464175584 X 855.776232		3877.31	
<b>4. Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal</b>								
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		6.000	2.500	2.500	0.250	0.000	9.375	-
ii		1.000	21.330	10.330	0.250	0.000	55.085	-
Total Quantity					64.459725 Cft (Cubic Foot)		1.82529314088 Cum (Cubic Meter)	
Amount					1.82529314088 X 6247.25569276		11403.07	
<b>5. R.C.C. Work (AR0404A) : Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite chips</b>								
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		6.000	2.500	2.500	1.000	0.000	37.500	-
ii		2.000	23.000	0.830	1.000	0.000	38.180	-
iii		2.000	10.330	0.830	1.000	0.000	17.148	-
iv		6.000	0.830	0.830	9.000	0.000	37.201	-
v		2.000	23.000	0.830	0.500	0.000	19.090	-
vi		2.000	10.330	0.830	0.500	0.000	8.574	-

vii		4.000	5.000	1.500	0.250	0.000	7.500	-
viii		2.000	23.000	0.830	0.500	0.000	19.090	-
ix		2.000	10.330	0.830	0.500	0.000	8.574	-
x		1.000	10.330	0.830	0.830	0.000	7.116	-
xi		1.000	24.000	15.500	0.330	0.000	122.760	-
Total Quantity					322.732537 Cft (Cubic Foot)		9.1387527037216 Cum (Cubic Meter)	
Amount					9.1387527037216 X 6423.7890705052		58705.42	
<b>6. R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc</b>								
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		6.000	4.000	2.500	1.000	0.000	60.000	-
ii		2.000	2.000	23.000	1.000	0.000	92.000	-
iii		2.000	2.000	10.330	1.000	0.000	41.320	-
Total Quantity					193.32 Sft (Square Foot)		17.96000796 Sqm (Square Meter)	
Amount					17.96000796 X 216.23489289764		3883.58	
<b>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</b>								
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		6.000	4.000	0.830	9.000	0.000	179.280	-
ii		2.000	2.000	23.000	0.500	0.000	46.000	-

iii		2.000	2.000	10.330	0.500	0.000	20.660	-
iv		1.000	1.000	10.330	2.500	0.000	25.825	-
Total Quantity					271.765 Sft (Square Foot)		25.247783795 Sqm (Square Meter)	
Amount					25.247783795 X 1047.3822930467		26444.08	

**8. 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		2.000	2.000	23.000	0.500	0.000	46.000	-
ii		2.000	2.000	10.330	0.500	0.000	20.660	-
Total Quantity					66.66 Sft (Square Foot)		6.19291398 Sqm (Square Meter)	
Amount					6.19291398 X 499.15267251462		3091.21	

**9. 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		1.000	24.000	15.500	0.000	0.000	372.000	-
ii		4.000	5.000	2.250	0.000	0.000	45.000	-
Total Quantity					417 Sft (Square Foot)		38.740551 Sqm (Square Meter)	
Amount					38.740551 X 662.689943368		25672.97	

**10. 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	10.800	0.000	0.000	0.000	10.800	-
Total Quantity					10.8 Qntl (Quintal)		10.8 Qntl (Quintal)	
Amount					10.8 X 8651.0132768		93430.94	

**11. 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/cm<sup>2</sup> 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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	23.000	0.830	9.000	0.000	171.810	-
ii		2.000	10.330	0.830	9.000	0.000	154.330	-
iii		4.000	3.500	0.830	4.000	0.000	-	46.480
iv		6.000	0.830	0.830	9.000	0.000	-	37.201
Total Quantity					242.4596 Cft (Cubic Foot)		6.86568000128 Cum (Cubic Meter)	
Amount					6.86568000128 X 5249.253907768		36039.70	
Total Amount							292064.89	

**Addition**

Provision for survey investigation and quality control (+) @								
Display Citizen Board (+) @							4935.10	
Provision for Contingency (+) @							3000.00	
Provision for EI Work (+) @								

Provision for PH Work (+) @	
Any Other Lumpsum (+) @	
<b>Total Addition</b>	<b>7935.10</b>
<b>Grand Net Total Amount</b>	<b>299999.99</b>

**Bharat Singh**  
JE  
Nilgiri Block

**Sarat kumar Upadhyay**  
AEE  
Nilgiri Block

**Bikram Kishore Parida**  
BDO  
Nilgiri Block