

**Estimate Abstract**

**OD/369/3545/121063/409773/00070164 : Construction of Basantei Bhoga Mandap, Chasapada,  
Bijayramchandrapur GP  
Block : Sadar, Gram Panchayat : Bijayramachandrapur  
Created By:Subrat Mangaraj**

Sl No	Quantity	Unit	Rate in (Rs.)	Amount (Rs.)
1	<b>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			
	13.353844	Cubic Meter	240.77592	3215.2840746365
2	<b>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.			
	4.208035	Cubic Meter	828.607232	3486.8082335091
3	<b>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.			
	1.36624	Cubic Meter	6235.36202164	8519.0010084454
4	<b>Masonry Brick Work : AR0603c (Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth) :</b> Brickwork with Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth 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.			
	1.958625	Cubic Meter	5353.327679552	10485.161426363
5	<b>Masonry Brick Work : AR0603ci (Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure) :</b> 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/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.			
	10.09725	Cubic Meter	5386.657679552	54390.429254856
6	<b>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) :</b> 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.			
	6.18	Quintal	7972.459341	49269.79872738

7	<b>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)			
	7.739718	Cubic Meter	6464.5677677428	50033.931514219
8	<b>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			
	17.812	Square Meter	216.23489289764	3851.5759122928
9	<b>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			
	18.18	Square Meter	1047.3822930467	19041.410087589
10	<b>R.C.C. Work : AR0410a (Centring &amp; Shuttering for R.C.C. floor and roof slabs, landings,balconies, projecting sun shades and chajjas) :</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. floor and roof slabs, landings, balconies, projecting sun shades and chajjas up to 4.3m height			
	23.8868	Square Meter	662.689943368	15829.542139243
11	<b>Plastering : AR1017 (20mm thick cement Plaster in CM (1:4) over brick work in inside.) :</b> 20mm thick cement Plaster in CM (1:4) over stone work in inside including racking out joints finishing smooth with proper plumb and line, curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc comp.and as per direction of Engineer-in-charge.			
	23.8868	Square Meter	278.2542233504	6646.6029823263
12	<b>Plastering : AR1027 (6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping (Inside)) :</b> 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside including chipping with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc comp. and as per the direction of the Engineer-in-charge.			
	12.6178	Square Meter	193.4484668752	2440.8940653379
13	<b>Plastering : AR1004 (12mm thick cement plaster (1:6) over Brick work in inside) :</b> 12mm thick cement plaster (1:6) over Brick work in inside including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc. comp.and as per direction of Engineer-in-charge.			
	40.604	Square Meter	176.7688579928	7177.5227099397
14	<b>Plastering : AR1014 (16mm thick cement Plaster in CM (1:6) over brick work in inside.) :</b> 16mm thick cement Plaster in CM (1:6) over brick work in inside including racking out joints finishing smooth with proper plumb and line, curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc comp.and as per direction of Engineer-in-charge.			

22.044	Square Meter	252.406210188	5564.0424973843
15	<b>Flooring : AR0809 (10cm thick dry K.B. brick khoa well watered &amp; rammed to receive A.S.flooring incl. cost, conveyance &amp; royalty of materials as per direction of Engineer-in-charge.)</b> : 10cm thick dry K.B. brick khoa well watered & rammed to receive A.S.flooring incl. cost, conveyance & royalty of materials as per direction of Engineer-in-charge.		
	12.6178	Square Meter	259.4286
16	<b>Other Building Items. : AR1901B (Vitrified Tile 600mmx600mm Plain Ivory)</b> : Supplying, fitting & fixing Vitrified Tile 600mmx600mm Plain Ivory in floors of size 600mm x 600 mm of approved make conforming IS:13755 laid on 20 mm thick cement mortar(1:4)and filling joints with white cement of approved quality including cost of all materials, taxes, labour, T&P , etc. required for the work all complete as per direction of Engineer-in-charge(for new work only)		
	14.7378	Square Meter	1022.4286312954
17	<b>Flooring : AR0817ad (Fixing Vitrified Tile 600mm x 1200mm size of approved shade and make (Single Charge) in dados skirting and risers of steps on 12mm thick cement plaster (1:3))</b> : Fixing Vitrified Tile 600mm x 1200mm size of approved shade and make (Single Charge) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the Vitrified tiles including rubbing and polishing complete including cost of precast tiles.		
	13.696	Square Meter	1486.60182495
18	<b>Painting : AR0918cb (Finishing wall two coats with weather coat with one coat waterbound Primer)</b> : Finishing wall two coats with weather coat with one coat waterbound Primer including all costs of labour, Paint, Primer, Brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)		
	74.7276	Square Meter	160.75925645161

<b>Total Amount:</b>	290667.42351184
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Provision for survey investigation and quality control (+) @	
Display Citizen Board (+) @	5000
Provision for Contingency (+) @	0.1
Provision for EI Work (+) @	
Provision for PH Work (+) @	
Any Other Lumpsum (+) @	4340

<b>Total Amount:</b>	300007.52351184
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<b>Grand Net Total Amount</b>	300007.52351184
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**Subrat Mangaraj**  
**JE**  
**Sadar Block**

**Ashok Kumar Dalabehera**  
**AEE**  
**Sadar Block**

**SAMBEET SATAPATHY**  
**BDO**  
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