

**Estimate Abstract**

**OD/373/3588/121762/383817/00014342 : Const of VSS Building at Langabahal  
Block : Sundargarh, Gram Panchayat : Kulta  
Created By:Puspanjali Bilung**

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			
	23.67495	Cubic Meter	240.77592	5700.357867204
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.			
	10.7181	Cubic Meter	1152.211232	12349.515205699
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.			
	4.7781	Cubic Meter	6422.66817602	30688.150811841
4	<b>R.C.C. Work : AR0404B (Reinforced cement concrete work of M-20 grade with 20mm &amp; downgrade size black hard crusher broken granite chips.(Nominal mix as per IS-456, Table-9).) :</b> R.C.C. work of M-20 grade with 20mm & downgrade 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(Nominal mix as per IS-456, Table-9).			
	17.053155	Cubic Meter	6569.7615253554	112035.16160492
5	<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.			
	13.214037	Cubic Meter	5130.331838336	67792.39473405
6	<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.			
	22.8732975	Cubic Meter	5163.661838336	118109.97341766

7	<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			
	23.796	Square Meter	216.23489289764	5145.5255113922
8	<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			
	36.807	Square Meter	1047.3822930467	38551.00006017
9	<b>R.C.C. Work : AR0410e (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. Lintels Data for 7.8 sqm			
	9.669	Square Meter	499.15267251462	4826.3071905439
10	<b>R.C.C. Work : AR0410b (centering and shuttering fRigid and smooth or 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. stairs excluding landing but including railing details for 5 Sqm			
	19.995	Square Meter	918.337198106	18362.152276129
11	<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			
	57.0684	Square Meter	662.689943368	37818.654764102
12	<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.			
	17.13	Quintal	8695.7515197	148958.22353246
13	<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.			
	37.561	Square Meter	192.6069124936	7234.5082401721
14	<b>Plastering : AR1004 (12mm thick cement plster (1:6) over Brick work in inside) :</b> 12mm thick cement plster (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.			

127.18	Square Meter	176.5601139804	22456.327776939	
15	<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.			
	107.093	Square Meter	252.154189534	27003.948619765
16	<b>Flooring : AR0817aa (Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3))</b> : Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) 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.			
	3.15	Square Meter	1539.596836636	4849.7300354034
17	<b>Flooring : AR0816 (Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor)</b> : Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1 (1cement: 1sand) jointed with neat cement slurry mixed with pigment to match the shades of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.			
	4.2	Square Meter	1202.1787631916	5049.1508054047
18	<b>Flooring : AR0817b (Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) )</b> : Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) in wall cladding on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.			
	5.22	Square Meter	890.752636636	4649.7287632399
19	<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)			
	28.42	Square Meter	1021.4432691142	29029.417708226
20	<b>Other Building Items. : AR1902 (cement based wall putty (water based))</b> : Finishing surface of walls with cement based wall putty (water based) of approved make and finished smooth and even surface to receive painting including cost of scaffolding staging charges with cost of all materials taxes,labour,T&P,etc.complete. and as per the direction of Engineer in Charge.			
	135.51	Square Meter	79.21834	10734.8772534
21	<b>Painting : AR0901d (Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface))</b> : Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.			

262.698	Square Meter	71.85770801951	18876.876181309	
22	<b>Painting : AR0922 (Finishing wall two coats with distemper of approved shades on new work (Inside)) :</b> Finishing wall two coats with distemper of approved shades on new work to give an even shade including all costs of labor, Paint and Brushes required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)			
	135.51	Square Meter	78.9105728	10693.171720128
23	<b>Painting : AR0918f (Finishing wall with two coat weather coat paint of approved shade in the outer surface of old work(Outside)) :</b> Finishing wall with two coat weather coat paint of approved shade in the outer surface of old work to give an even shade including all costs of labour, Paint, Brushes, and putty required for the work, etc. complete and as per direction of Engineer-in-charge. (Outside)			
	127.188	Square Meter	87.9032189	11180.234605453
24	<b>Flooring : AR0816j (Fixing Chequered Tiles in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1) :</b> Fixing Chequered Tiles in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1 (1cement: 1sand) jointed with neat cement slurry mixed with pigment to match the shades of the Chequered tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.			
	3.75	Square Meter	987.0153765306	3701.3076619897
25	<b>Iron Work : AR1704 (Iron Doors and windows fixing) :</b> Supplying, fitting & fixing of Mild steel and put up for frames & shutters of Doors and windows fixing in position with cost, conveyance, taxes of all materials, labours and T & P required for the work etc. as per direction of Engineer-in-charge.			
	2.38608	Quintal	16025.831821087	38238.916791659
26	<b>miscellaneous : ARM105 (Labour for fitting and fixing of M.S. window grills including cost of screws complete. (Iron works) and as directed by Engineer-in-Charge.) :</b> Labour for fitting and fixing of M.S. window grills including cost of screws complete. (Iron works) and as directed by Engineer-in-Charge.			
	8.424	Square Meter	16.22	136.63728
27	<b>Painting : AR0903i (Painting two coats of enamel paint in outer surface paint (outer surface)) :</b> Painting two coats of enamel paint in outer surface paint including all costs of labour, Paint and brushes required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)			
	19.656	Square Meter	164.26525446452	3228.7978417546
28	<b>Other Building Items. : AR1911 (Stainless steel of 304 grade in hand railing using 50mm dia of 2mm) :</b> Supplying, fitting and fixing of Stainless steel of 304 grade in hand railing using 50mm dia of 2mm thick circular pipe with Balustrade of size 32mm x 32mm x 2mm @ 0.90mtr. C/C and stainless square pipe bracing of size 32mm x 32mm x 2mm in 3 rows in staircase as per approved design and specification, buffing, polishing etc with cost, conveyance, taxes of all materials, labour, T&P etc. required for the complete in all respect. and as per direction of Engineer in Charge			
	3.047999902464	Meter	3129.0244276074	9537.2661501548

<b>Total Amount:</b>	806938.31441117
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Provision for PH Work (+) @	18561
Provision for EI Work (+) @	13000
Provision for Contingency (+) @	8500
Display Citizen Board (+) @	3000
Any Other Lumpsum (+) @	
Provision for survey investigation and quality control (+) @	

<b>Total Amount:</b>	849999.31441117
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<b>Grand Net Total Amount</b>	849999.31441117
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**Puspanjali Bilung**  
**JE**  
**Sundargarh Block**

**Shalini Singh**  
**AEE**  
**Sundargarh Block**

**BDO Sadar Sundargarh**  
**BDO**  
**Sundargarh Block**