

## Detailed Estimate

**OD/369/3538/275135/408619/00069822 : Const. of Gajalaxmi Community hall nearest main road**  
**Block : Delanga, Gram Panchayat : Rench**  
**Created By: LOPAMUDRA PATI**

<b>1. 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	coulmn	11.000	1.350	1.350	1.350	0.000	27.064	-
Total Quantity					27.064125 cum (cum)		27.064125 Cum (Cubic Meter)	
Amount					27.064125 X 240.77592		6516.39	
<b>2. 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	coulmn	11.000	1.350	1.350	0.150	0.000	3.007	-
ii	Inside filling	1.000	11.100	5.000	0.450	0.000	24.975	-
Total Quantity					27.982125 cum (cum)		27.982125 Cum (Cubic Meter)	
Amount					27.982125 X 605.053832		16930.69	
<b>3. 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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction

i	coulmn	11.000	1.350	1.350	0.150	0.000	3.007	-
Total Quantity					3.007125 cum (cum)		3.007125 Cum (Cubic Meter)	
Amount					3.007125 X 5991.97649394		18018.62	

**4. 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	coulmn	11.000	1.350	1.350	0.300	0.000	6.014	-
ii		11.000	0.750	0.750	0.300	0.000	1.856	-
iii		11.000	0.450	0.450	0.450	0.000	1.002	-
Total Quantity					8.872875 cum (cum)		8.872875 Cum (Cubic Meter)	
Amount					8.872875 X 6533.6670360603		57972.41	

**5. 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	L Wall	4.000	5.500	0.250	0.250	0.000	1.375	-
ii	Swall	2.000	10.400	0.250	0.250	0.000	1.300	-
Total Quantity					2.675 cum (cum)		2.675 Cum (Cubic Meter)	
Amount					2.675 X 7290.489161202		19502.06	

**6. 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	coulmn up to RL	11.000	0.250	0.250	2.700	0.000	1.856	-
ii	Beam	4.000	5.500	0.250	0.250	0.000	1.375	-
iii		6.000	3.050	0.250	0.250	0.000	1.144	-
iv		4.000	3.350	0.250	0.250	0.000	0.838	-
Total Quantity					5.2125 cum (cum)		5.2125 Cum (Cubic Meter)	
Amount					5.2125 X 14589.42042338		76047.35	

**7. 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	Roof slab	1.000	5.800	10.700	0.120	0.000	7.447	-
ii	Duction for opn space	-1.000	2.500	3.350	0.120	0.000	-1.005	-
Total Quantity					6.4422 cum (cum)		6.4422 Cum (Cubic Meter)	
Amount					6.4422 X 12835.55144045		82689.19	

**8. 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	23.197	0.900	0.000	0.000	20.877	-
Total Quantity					20.8773 Qntl (Quintal)		20.8773 Qntl (Quintal)	
Amount					20.8773 X 7951.0234545		165995.90	

**9. R.C.C. Work (AR0404Ac) : First Floor**

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	coulmn up to lintl level	9.000	0.250	0.250	1.800	0.000	1.013	-
Total Quantity					1.0125 cum (cum)		1.0125 Cum (Cubic Meter)	
Amount					1.0125 X 16371.722182013		16576.37	

**10. R.C.C. Work (AR0409) : First floor**

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	st floor rod	1.000	1.010	1.000	1.650	0.000	1.667	-
Total Quantity					1.6665 Qntl (Quintal)		1.6665 Qntl (Quintal)	
Amount					1.6665 X 7980.0977185		13298.83	

**11. Masonry Brick Work (AR0603bi) : First floor**

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  $\pm 8$  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	Lwall	1.000	5.500	0.250	0.600	0.000	0.825	-
ii	Swall	2.000	6.800	0.250	0.600	0.000	2.040	-
iii	Deduct coulmn	-7.000	0.250	0.250	0.600	0.000	-0.263	-
Total Quantity					2.6025 cum (cum)		2.6025 Cum (Cubic Meter)	
Amount					2.6025 X 5621.117124192		14628.96	
Total Amount							488176.78	
<b>Addition</b>								
Provision for PH Work (+) @								
Provision for EI Work (+) @								
Provision for Contingency (+) @							5000.00	
Display Citizen Board (+) @							1823.00	
Any Other Lumpsum (+) @							5000.00	
Provision for survey investigation and quality control (+) @								
Total Addition							11823.00	
Grand Net Total Amount							499999.78	

LOPAMUDRA PATI  
JE  
Delanga Block

SUBRAT KUMAR BARIK  
AEE  
Delanga Block

PuriDelangaBDO  
BDO  
Delanga Block