

Detailed Estimate

OD/365/3498/120226/388896/00018222 : Construction Of Market Complex At Hatibari

Block : Karanjia, Gram Panchayat : Miriginendi

Created By:RADHAGOBINDA

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									
Sl No	Description	No	L	B	D	CF	Quantity	Deduction	
i	COLUMN	6.000	4.000	4.000	5.000	0.000	480.000	-	
ii	WALL FOUNDATION	6.000	5.830	1.670	1.670	0.000	97.556	-	
iii	VER FOUNDATION	1.000	21.000	1.670	1.670	0.000	58.567	-	
iv	STEP	2.000	4.000	2.000	1.500	0.000	24.000	-	
Total Quantity					660.122622 Cft (Cubic Foot)		18.69256026265 Cum (Cubic Meter)		
Amount					18.69256026265 X 240.77592		4500.72		
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.									
Sl No	Description	No	L	B	D	CF	Quantity	Deduction	
i	COLUMNS	9.000	4.000	4.000	1.000	0.000	144.000	-	
ii	WALL FOUNDATION	6.000	9.000	1.670	0.500	0.000	45.090	-	
iii	VER FOUNDATION	1.000	24.000	1.670	0.500	0.000	20.040	-	
iv	FLOOR SHOP	1.000	18.000	9.000	1.000	0.000	162.000	-	

v	FLOOR VER	1.000	18.000	3.000	0.500	0.000	27.000	-
vi	STEP	2.000	4.000	2.000	0.500	0.000	8.000	-
Total Quantity					406.13 Cft (Cubic Foot)		11.500301984 Cum (Cubic Meter)	
Amount					11.500301984 X 898.388132		10331.73	

3. Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal

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	Columns	9.000	4.000	4.000	0.500	0.000	72.000	-
ii	Wall Foundation	6.000	9.000	1.670	0.340	0.000	30.661	-
iii	Ver Foundation	1.000	24.000	1.670	0.340	0.000	13.627	-
iv	Floor-Shop	1.000	18.000	9.000	0.340	0.000	55.080	-
v	Floor- Ver	1.000	18.000	3.000	0.340	0.000	18.360	-
vi	Step	2.000	4.000	2.000	0.340	0.000	5.440	-
Total Quantity					195.1684 Cft (Cubic Foot)		5.52654454912 Cum (Cubic Meter)	
Amount					5.52654454912 X 5942.1660573		32839.65	

4. Masonry Brick Work (AR0603b) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth

Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth 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	Wall Foundation 1st Footing	5.000	9.000	1.250	2.000	0.000	112.500	-

ii	Ver Foundation	1.000	24.000	1.250	1.500	0.000	45.000	-
iii	Step	2.000	4.000	1.500	1.000	0.000	12.000	-
Total Quantity					169.5 Cft (Cubic Foot)		4.7996976 Cum (Cubic Meter)	
Amount					4.7996976 X 5185.57274844		24889.18	

5. 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	Wall S/S	6.000	9.000	0.830	9.500	0.000	425.790	-
ii	Rollong Shutter-Rs	2.000	6.000	0.830	7.000	0.000	-	69.720
iii	Lintel	6.000	9.000	0.830	0.500	0.000	-	22.410
iv	Ventilator- V	2.000	1.500	0.830	1.000	0.000	-	2.490
Total Quantity					331.17 Cft (Cubic Foot)		9.377674656 Cum (Cubic Meter)	
Amount					9.377674656 X 5218.90274844		48941.17	

6. 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.)

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Column Footing	6.000	3.500	3.500	0.750	0.000	55.125	-
ii		6.000	1.500	1.500	1.500	0.000	20.250	-

iii	Column upto plinth	6.000	0.830	0.830	2.500	0.000	10.334	-
iv	Plinth beam	6.000	9.000	0.830	0.830	0.000	37.201	-
Total Quantity					122.9091 Cft (Cubic Foot)		3.48039240288 Cum (Cubic Meter)	
Amount					3.48039240288 X 6640.6432774875		23112.04	

7. 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	Column above plinth	6.000	0.830	0.830	9.000	0.000	37.201	-
Total Quantity					37.2006 Cft (Cubic Foot)		1.05340195008 Cum (Cubic Meter)	
Amount					1.05340195008 X 7397.4654026292		7792.50	

8. 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	LB	6.000	9.000	0.830	0.500	0.000	22.410	-
ii	WB	6.000	9.000	0.830	0.500	0.000	22.410	-
iii	CB	3.000	3.000	0.830	0.500	0.000	3.735	-
iv	RB	1.000	9.000	0.830	0.830	0.000	6.200	-

Total Quantity	54.7551 Cft (Cubic Foot)	1.55048921568 Cum (Cubic Meter)
Amount	1.55048921568 X 14696.396664807	22786.60

9. 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	20.660	14.660	0.340	0.000	102.978	-
Total Quantity					102.977704 Cft (Cubic Foot)		2.9159990486272 Cum (Cubic Meter)	
Amount					2.9159990486272 X 12942.527681878		37740.40	

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	hysd bar	9.380	0.800	0.000	0.000	0.000	7.504	-
Total Quantity					7.504 Qntl (Quintal)		7.504 Qntl (Quintal)	
Amount					7.504 X 9211.5382187		69123.38	

11. Plastering (AR1014) : 16mm thick cement Plaster in CM (1:6) over brick work in inside.

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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	shop	2.000	18.830	10.000	0.000	0.000	376.600	-

ii		2.000	9.000	10.000	0.000	0.000	180.000	-	
iii	rolling shutter	2.000	6.000	7.000	0.000	0.000	-	84.000	
iv	ventilator	2.000	1.500	1.000	0.000	0.000	-	3.000	
Total Quantity					469.6 Sft (Square Foot)		43.6272488 Sqm (Square Meter)		
Amount					43.6272488 X 254.11649591		11086.40		

12. Plastering (AR1004) : 12mm thick cement plster (1:6) over Brick work in inside

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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction	
i	outside up to plinth	2.000	20.000	1.500	0.000	0.000	60.000	-	
ii		2.000	14.000	1.500	0.000	0.000	42.000	-	
iii	outside above plinth	2.000	19.660	10.500	0.000	0.000	412.860	-	
iv		2.000	10.660	10.500	0.000	0.000	223.860	-	
v	RS	2.000	6.000	7.000	0.000	0.000	-	84.000	
vi	Ventilator	2.000	1.500	1.000	0.000	0.000	-	3.000	
Total Quantity					651.72 Sft (Square Foot)		60.54674316 Sqm (Square Meter)		
Amount					60.54674316 X 178.190327266		10788.84		

13. Flooring (AR0802ii) : 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG Hand broken chips

2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG Hand broken chips including punning incl. cost, conveyance & royalty of materials as per direction of Engineer-in-charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	shop	1.000	18.830	9.000	0.000	0.000	169.470	-

ii	ver	1.000	19.660	3.000	0.000	0.000	58.980	-
iii	ventilator	2.000	4.000	3.000	0.000	0.000	24.000	-
Total Quantity					252.45 Sft (Square Foot)		23.45336235 Sqm (Square Meter)	
Amount					23.45336235 X 373.110247466		8750.69	

14. Plastering (AR1041) : Finishing wall cement washing one coat on the inner surface

Finishing wall cement washing one coat on the inner surface of on new work including all costs of labour, Paint and Brushes 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	VIDE ITEM NO 9	1.000	43.120	0.000	0.000	0.000	43.120	-
ii	VIDE ITEM NO 10	1.000	60.570	0.000	0.000	0.000	60.570	-
iii	VIDE ITEM NO 11	1.000	23.460	0.000	0.000	0.000	23.460	-
Total Quantity					127.15 Sft (Square Foot)		11.81261645 Sqm (Square Meter)	
Amount					11.81261645 X 18.621003760968		219.96	

15. Painting (AR0901a) : Priming one coat in inner surface with primer of approved quality over woodwork

Priming one coat in inner surface with primer of approved quality over woodwork including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	VIDE ITEM NO-14	1.000	1376.770	0.000	0.000	0.000	1376.770	-
Total Quantity					1376.77 Sft (Square Foot)		127.90606331 Sqm (Square Meter)	
Amount					127.90606331 X 70.09444766621		8965.50	

16. Iron Work (AR1704) : Iron Doors and windows fixing

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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	RS	2.000	6.000	7.000	4.000	0.000	336.000	-
Total Quantity					336 Kg (Kilo Gram)		3.36 Qntl (Quintal)	
Amount					3.36 X 16517.134201087		55497.57	

17. Painting (AR0920) : Finishing wall two coats with plastic emulsion paint of approved shades on new work (Inside)

Finishing wall two coats with plastic emulsion paint 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)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	VIDE ITEM NO-11	1.000	43.920	0.000	0.000	0.000	43.920	-
ii	VIDE ITEM NO-13	1.000	23.460	0.000	0.000	0.000	23.460	-
Total Quantity					67.38 Sqm (Sqm)		67.38 Sqm (Square Meter)	
Amount					67.38 X 94.7676397125		6385.44	

18. Painting (AR0918ca) : Finishing wall two coats with weather coat with one coat oilbound Primer

Finishing wall surface two coats with weather coat with one coat oilbound 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)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	VIDE ITEM NO-12	1.000	60.570	0.000	0.000	0.000	60.570	-
Total Quantity					60.57 Sqm (Sqm)		60.57 Sqm (Square Meter)	
Amount					60.57 X 156.87859381801		9502.14	

19. Painting (AR0901b) : Priming one coat in inner surface with primer of approved quality over iron work.

Priming one coat in inner surface with primer of approved quality over iron work including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	ROLLING SHUTTER	2.000	6.000	7.000	2.250	0.000	189.000	-
Total Quantity					189 Sft (Square Foot)		17.558667 Sqm (Square Meter)	
Amount					17.558667 X 66.12221647451		1161.02	
Total Amount							394414.96	
Addition								
Provision for PH Work (+) @							0.00	
Provision for EI Work (+) @							2085.03	
Provision for Contingency (+) @							0.00	
Display Citizen Board (+) @							3000.00	
Any Other Lumpsum (+) @							500.00	
Provision for survey investigation and quality control (+) @							0.00	
Total Addition							5585.03	
Grand Net Total Amount							399999.99	

RADHAGOBINDA
JE
Karanjia Block

MONALISHA NAIK
AEE
Karanjia Block

PRADYUMNA KUMAR NAYAK
BDO
Karanjia Block