

Detailed Estimate

OD/351/3348/275022/382621/00015364 : Const Of Market Complex At Gandam

Block : Tileibani, Gram Panchayat : Gandam

Created By: BHOLANATH MAJHI

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	Fdn	12.000	1.200	1.200	1.200	0.000	20.736	-
ii	Wall	1.000	35.700	0.600	0.600	0.000	12.852	-
Total Quantity					33.588 cum (cum)		33.588 Cum (Cubic Meter)	
Amount					33.588 X 240.77592		8087.18	
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	Fdn	12.000	1.200	1.200	0.150	0.000	2.592	-
ii	Wall	1.000	35.700	0.600	0.100	0.000	2.142	-
iii	Inside	3.000	3.550	3.500	0.250	0.000	9.319	-
iv	Inside	1.000	11.150	2.000	0.250	0.000	5.575	-
Total Quantity					19.62775 cum (cum)		19.62775 Cum (Cubic Meter)	
Amount					19.62775 X 433.101332		8500.80	
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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Fdn	12.000	1.200	1.200	0.150	0.000	2.592	-
ii	Wall	1.000	35.700	0.600	0.150	0.000	3.213	-
iii	Inside	3.000	3.550	3.500	0.100	0.000	3.728	-
iv	Inside	1.000	11.500	2.000	0.100	0.000	2.300	-
Total Quantity					11.8325 cum (cum)		11.8325 Cum (Cubic Meter)	
Amount					11.8325 X 6242.53366198		73864.78	

4. R.C.C. Work (AR0404A) : 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. complete and as per direction of Engineer-in charge. (excluding centring and shuttering)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Fdn	12.000	1.200	1.200	0.550	0.000	9.504	-
ii	Fdn	12.000	0.750	0.750	0.200	0.000	1.350	-
iii	Below PL	12.000	0.250	0.250	0.850	0.000	0.638	-
iv	PB	1.000	53.700	0.250	0.250	0.000	3.356	-
v	Lintel	1.000	53.700	0.250	0.150	0.000	2.014	-
vi	WB	1.000	56.100	0.250	0.150	0.000	2.104	-
vii	Column	12.000	0.250	0.250	2.800	0.000	2.100	-
viii	Slab	1.000	11.400	6.850	0.100	0.000	7.809	-
Total Quantity					28.87425 cum (cum)		28.87425 Cum (Cubic Meter)	

Amount		28.87425 X 6441.4946148646		185993.33				
5. 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	1.000	26.200	0.000	0.000	0.000	26.200	-
Total Quantity					26.2 Qntl (Quintal)		26.2 Qntl (Quintal)	
Amount					26.2 X 9192.0926685		240832.83	
6. R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc								
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								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Fdn	48.000	0.750	0.000	0.200	0.000	7.200	-
ii	Below PL	48.000	0.250	0.000	0.850	0.000	10.200	-
iii	PB	2.000	53.700	0.000	0.250	0.000	26.850	-
Total Quantity					44.25 Sqm (Sqm)		44.25 Sqm (Square Meter)	
Amount					44.25 X 216.23489289764		9568.39	
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								
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								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Beam	2.000	53.700	0.000	0.150	0.000	16.110	-

ii	Column	48.000	0.250	0.000	2.800	0.000	33.600	-
Total Quantity					49.71 Sqm (Sqm)		49.71 Sqm (Square Meter)	
Amount					49.71 X 1047.3822930467		52065.37	
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	Lintel	2.000	53.700	0.000	0.150	0.000	16.110	-
Total Quantity					16.11 Sqm (Sqm)		16.11 Sqm (Square Meter)	
Amount					16.11 X 499.15267251462		8041.35	
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	Slab	3.000	3.550	3.500	0.000	0.000	37.275	-
ii	Slab	1.000	11.150	2.000	0.000	0.000	22.300	-
iii	Slab	1.000	11.400	0.600	0.000	0.000	6.840	-
iv	Side	1.000	23.900	0.200	0.000	0.000	4.780	-
Total Quantity					71.195 Sqm (Sqm)		71.195 Sqm (Square Meter)	
Amount					71.195 X 662.689943368		47180.21	
10. 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	Fdn	1.000	44.700	0.450	0.200	0.000	4.023	-
ii	Fdn	1.000	52.200	0.450	0.150	0.000	3.524	-
iii	Fdn	1.000	52.200	0.380	0.600	0.000	11.902	-
Total Quantity					19.4481 cum (cum)		19.4481 Cum (Cubic Meter)	
Amount					19.4481 X 5393.782687384		104898.83	

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/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	1.000	51.700	0.250	2.800	0.000	36.190	-
ii	Shutter	3.000	2.100	0.250	2.080	0.000	-	3.276
iii	Opening	1.000	14.650	0.250	2.080	0.000	-	7.618
Total Quantity					25.296 cum (cum)		25.296 Cum (Cubic Meter)	
Amount					25.296 X 5427.112687384		137284.24	

12. 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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Inside	2.000	3.550	0.000	3.100	0.000	22.010	-

ii	Inside	1.000	11.150	0.000	1.020	0.000	11.373	-
iii	Inside	4.000	3.500	0.000	3.100	0.000	43.400	-
iv	Inside	2.000	2.000	0.000	1.020	0.000	4.080	-
v	Opening	3.000	2.100	0.000	2.080	0.000	-	13.104
Total Quantity					67.759 Sqm (Sqm)		67.759 Sqm (Square Meter)	
Amount					67.759 X 260.950295896		17681.73	
13. Plastering (AR1006i) : 12mm thick cement plaster (1:4) over brickwork in outside								
12mm thick cement plaster (1:4) over brickwork in outside with cement punning for skirting/wall punning including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc. comp. and as per direction of Engineer-in-charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Out side	2.000	11.400	0.000	3.100	0.000	70.680	-
ii	Out side	1.000	11.400	0.000	1.020	0.000	11.628	-
iii	Out side	2.000	4.000	0.000	3.100	0.000	24.800	-
iv	Out Side	2.000	3.500	0.000	3.100	0.000	21.700	-
v	Out side	2.000	2.250	0.000	1.020	0.000	4.590	-
vi	Opening	3.000	2.100	0.000	2.080	0.000	-	13.104
Total Quantity					120.294 Sqm (Sqm)		120.294 Sqm (Square Meter)	
Amount					120.294 X 203.9393168368		24532.68	
Total Amount							918531.72	
Addition								
Provision for PH Work (+) @								
Provision for EI Work (+) @								

Provision for Contingency (+) @	10000.00
Display Citizen Board (+) @	2000.00
Any Other Lumpsum (+) @	69468.27
Provision for survey investigation and quality control (+) @	
Total Addition	81468.27
Grand Net Total Amount	999999.99

BHOLANATH MAJHI
JE
Tileibani Block

DARSHAN KUMAR PUROHIT
AEE
Tileibani Block

Priyadarshani Mirdha
BDO
Tileibani Block