

Detailed Estimate

OD/359/3433/119016/416941/00072282 : Improvement of Rural Haat at Mundigada
Block : Tumudibandh, Gram Panchayat : Mundigarh
Created By:Pranya

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	20.000	4.000	4.000	4.000	0.000	1280.000	-	
ii	Wall	16.000	5.750	2.500	2.500	0.000	575.000	-	
iii		4.000	5.750	2.500	2.500	0.000	143.750	-	
Total Quantity					1998.75 Cft (Cubic Foot)		56.598204 Cum (Cubic Meter)		
Amount					56.598204 X 240.77592		13627.48		
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	Column	20.000	4.000	4.000	0.500	0.000	160.000	-	
ii	Wall	16.000	5.750	2.500	0.500	0.000	115.000	-	
iii		4.000	5.750	2.500	0.500	0.000	28.750	-	
iv		2.000	38.170	8.330	1.670	0.000	1061.970	-	
Total Quantity					1365.723374 Cft (Cubic Foot)		38.672915636883 Cum (Cubic Meter)		
Amount					38.672915636883 X 513.547832		19860.39		

3. Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal

Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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	Column	20.000	4.000	4.000	0.500	0.000	160.000	-
ii	Wall	16.000	7.750	2.500	0.500	0.000	155.000	-
iii		4.000	8.830	2.500	0.500	0.000	44.150	-
iv		2.000	38.170	8.330	0.330	0.000	209.851	-
Total Quantity					569.001026 Cft (Cubic Foot)		16.112288253037 Cum (Cubic Meter)	
Amount					16.112288253037 X 5063.72240944		81588.16	

4. Masonry Stone Work (AR0703) : Random rubble H.G. stone of masonry.

Random rubble H.G. stone of size not less than 0.0025 cum stacked masonry in cement mortar (1:6) in foundation and plinth including watering, curing for seven days 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	wall 1st footing	16.000	7.750	2.000	0.500	0.000	124.000	-
ii		4.000	8.830	2.000	0.500	0.000	35.320	-
iii		16.000	9.750	2.000	1.000	0.000	312.000	-
iv		4.000	10.830	2.000	1.000	0.000	86.640	-
v	Wall 2nd footing	16.000	9.750	1.330	1.170	0.000	242.752	-
vi		4.000	10.830	1.330	1.170	0.000	67.410	-
Total Quantity					868.121852 Cft (Cubic Foot)		24.582432858714 Cum (Cubic Meter)	

Amount		24.582432858714 X 4118.6400901136					101246.19	
5. 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	Column base	20.000	4.000	4.000	1.000	0.000	320.000	-
ii		20.000	2.000	2.000	1.000	0.000	80.000	-
Total Quantity					400 Cft (Cubic Foot)		11.32672 Cum (Cubic Meter)	
Amount		11.32672 X 5981.4927176609					67750.69	
6. 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	Plinth	16.000	8.920	0.830	0.830	0.000	98.320	-
ii		4.000	8.330	0.830	0.830	0.000	22.954	-
Total Quantity					121.273956 Cft (Cubic Foot)		3.4340903572608 Cum (Cubic Meter)	
Amount		3.4340903572608 X 6738.866963989					23141.88	
7. 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	Column	20.000	0.830	0.830	13.000	0.000	179.114	-
ii	Beam	16.000	8.920	0.830	0.830	0.000	98.320	-
iii		4.000	8.330	0.830	0.830	0.000	22.954	-
Total Quantity					300.387956 Cft (Cubic Foot)		8.5060256724608 Cum (Cubic Meter)	
Amount					8.5060256724608 X 14041.182238116		119434.66	

8. 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	Slab	2.000	42.830	13.000	0.420	0.000	467.704	-
Total Quantity					467.7036 Cft (Cubic Foot)		13.24386930048 Cum (Cubic Meter)	
Amount					13.24386930048 X 12289.235073078		162757.02	

9. 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	LS	1.000	36.500	0.000	0.000	0.000	36.500	-
Total Quantity					36.5 Qntl (Quintal)		36.5 Qntl (Quintal)	
Amount					36.5 X 9545.342037		348404.98	

10. Flooring (AR0802i) : 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher broken chips

2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher 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	Floor	2.000	38.170	8.330	0.000	0.000	635.912	-
Total Quantity					635.9122 Sft (Square Foot)		59.0781511166 Sqm (Square Meter)	
Amount					59.0781511166 X 364.8385194488		21553.99	

11. Masonry Brick Work (AR0603di) : C.B. Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:4) in superstructure

Brickwork with C.B. 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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Wall	8.000	8.920	0.830	2.500	0.000	148.072	-
ii		4.000	8.330	0.830	2.500	0.000	69.139	-
Total Quantity					217.211 Cft (Cubic Foot)		6.1507204448 Cum (Cubic Meter)	
Amount					6.1507204448 X 4916.0109255		30237.01	
Total Amount							989602.45	

Addition

Provision for PH Work (+) @								
Provision for EI Work (+) @								
Provision for Contingency (+) @							9896.02	
Display Citizen Board (+) @							501.00	
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								

Total Addition	10397.02
Grand Net Total Amount	999999.48

**Pranya
JE
Tumudibandh Block**

**Saroj Kumar Sabat
AEE
Tumudibandh Block**

**BANABIHARI HARAPAL
BDO
Tumudibandh Block**