

Detailed Estimate

OD/350/3340/117045/398604/00063347 : Construction of Kanseilo CC Part 2

Block : Narasinghpur, Gram Panchayat : Olaba

Created By: PRASANTKUMAR

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								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Column	6.000	1.200	1.200	1.200	0.000	10.368	-
ii	in between column	2.000	5.500	0.600	0.600	0.000	3.960	-
iii	s/w	3.000	4.000	0.600	0.600	0.000	4.320	-
iv	column deduction	6.000	1.200	0.600	0.600	0.000	-	2.592
Total Quantity					16.056 cum (cum)		16.056 Cum (Cubic Meter)	
Amount					16.056 X 240.77592		3865.90	
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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	column	6.000	1.200	1.200	0.150	0.000	1.296	-
ii	in between column	2.000	6.500	0.600	0.100	0.000	0.780	-
iii	s/w	3.000	4.000	0.600	0.100	0.000	0.720	-
iv	inside room	1.000	6.000	3.500	0.450	0.000	9.450	-
v	deduction column	6.000	1.200	0.600	0.100	0.000	0.432	-

Total Quantity				12.678 cum (cum)			12.678 Cum (Cubic Meter)	
Amount				12.678 X 908.801232			11521.78	
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	column	6.000	1.200	1.200	0.100	0.000	0.864	-
ii	in between column	2.000	6.500	0.600	0.080	0.000	0.624	-
iii	s/w	3.000	4.000	0.600	0.080	0.000	0.576	-
iv	deduct column	6.000	1.200	0.600	0.100	0.000	-	0.432
Total Quantity				1.632 cum (cum)			1.632 Cum (Cubic Meter)	
Amount				1.632 X 6337.33492636			10342.53	
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	Column 1st footing	6.000	1.100	1.100	0.300	0.000	2.178	-
ii	2nd step	6.000	0.600	0.600	0.200	0.000	0.432	-
iii	3rd step	6.000	0.300	0.300	0.450	0.000	0.243	-
Total Quantity				2.853 cum (cum)			2.853 Cum (Cubic Meter)	
Amount				2.853 X 6840.7364221517			19516.62	

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/w	2.000	6.500	0.250	0.250	0.000	0.813	-
ii	s/w	3.000	3.500	0.250	0.250	0.000	0.656	-
Total Quantity					1.46875 cum (cum)		1.46875 Cum (Cubic Meter)	
Amount					1.46875 X 7600.3191532254		11162.97	

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	Column	6.000	0.250	0.250	3.450	0.000	1.294	-
ii	wall beam	2.000	6.500	0.250	0.250	0.000	0.813	-
iii	s/w	3.000	3.500	0.250	0.250	0.000	0.656	-
Total Quantity					2.7625 cum (cum)		2.7625 Cum (Cubic Meter)	
Amount					2.7625 X 14916.170475148		41205.92	

7. 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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
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i	l/w	2.000	6.500	0.380	0.150	0.000	0.741	-
ii	s/w	2.000	3.500	0.380	0.150	0.000	0.399	-
iii	l/w	2.000	6.500	0.250	0.150	0.000	0.488	-
iv	s/w	2.000	3.500	0.250	0.150	0.000	0.263	-
v	deduct column	6.000	0.250	0.250	0.300	0.000	-	0.113

Total Quantity					1.7775 cum (cum)		1.7775 Cum (Cubic Meter)	
Amount					1.7775 X 5244.786928248		9322.61	

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	RCC Roof Slab	1.000	6.650	4.300	0.100	0.000	2.860	-

Total Quantity					2.8595 cum (cum)		2.8595 Cum (Cubic Meter)	
Amount					2.8595 X 13171.910581677		37665.08	

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	TMT bar	6.000	0.000	0.000	0.000	0.000	6.000	-

Total Quantity					6 Qntl (Quintal)		6 Qntl (Quintal)	
Amount					6 X 8798.327958		52789.97	

Total Amount	197393.38
Addition	
Provision for PH Work (+) @	
Provision for EI Work (+) @	
Provision for Contingency (+) @	2020.00
Display Citizen Board (+) @	2000.00
Any Other Lumpsum (+) @	624.00
Provision for survey investigation and quality control (+) @	
Total Addition	4644.00
Grand Net Total Amount	202037.38

PRASANTKUMAR
JE
Narasinghpur Block

SUSHIL
AEE
Narasinghpur Block

PRALAYANANDA SATPATHY
BDO
Narasinghpur Block