

Detailed Estimate

OD/356/3394/118253/401759/00071455 : Completion and restoration of PEO quarter and BNRGSK Seva Kendra

Chhatia

Block : Badchana, Gram Panchayat : Chhatia

Created By: Anita Behura

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	Toe wall	2.000	29.200	0.300	0.200	0.000	3.504	-
Total Quantity					3.504 cum (cum)		3.504 Cum (Cubic Meter)	
Amount					3.504 X 240.77592		843.68	
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	Toe wall	2.000	29.200	0.300	0.050	0.000	0.876	-
ii	Road sub base	1.000	10.400	4.400	0.075	0.000	3.432	-
iii		1.000	17.800	4.600	0.075	0.000	6.141	-
Total Quantity					10.449 cum (cum)		10.449 Cum (Cubic Meter)	
Amount					10.449 X 949.100232		9917.15	
3. Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum								
Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) 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 as per specifaion and direction of Engineer-in charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction

i	Cut off wall	1.000	4.600	0.200	0.150	0.000	0.138	-
ii		1.000	4.800	0.200	0.150	0.000	0.144	-
iii	Locking	1.000	10.400	0.125	0.050	0.000	0.065	-
iv		1.000	17.800	0.125	0.050	0.000	0.111	-
v		1.000	17.800	0.200	0.150	0.000	0.534	-
vi		1.000	10.400	0.200	0.150	0.000	0.312	-
Total Quantity					1.30425 cum (cum)		1.30425 Cum (Cubic Meter)	
Amount					1.30425 X 7380.59342442		9626.14	
4. 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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cutoff wall	2.000	10.400	0.150	0.000	0.000	3.120	-
ii		2.000	17.800	0.150	0.000	0.000	5.340	-
Total Quantity					8.46 Sqm (Sqm)		8.46 Sqm (Square Meter)	
Amount					8.46 X 216.23489289764		1829.35	
5. Flooring (AR0817b) : Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753)								
Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) in wall cladding on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Toilet	2.000	1.370	0.000	1.520	0.000	4.165	-
ii		2.000	2.400	0.000	1.520	0.000	7.296	-

iii	Door	1.000	0.750	0.000	1.520	0.000	-	1.140
Total Quantity					10.3208 Sqm (Sqm)		10.3208 Sqm (Square Meter)	
Amount					10.3208 X 884.116134696		9124.79	
6. Other Building Items. (AR1901B) : Vitrified Tile 600mmx600mm Plain Ivory								
Supplying, fitting & fixing Vitrified Tile 600mmx600mm Plain Ivory in floors of size 600mm x 600 mm of approved make conforming IS:13755 laid on 20 mm thick cement mortar(1:4)and filling joints with white cement of approved quality including cost of all materials, taxes, labour, T&P , etc. required for the work all complete as per direction of Engineer-in-charge(for new work only)								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Room	1.000	9.300	6.000	0.000	0.000	55.800	-
ii	Dadoo	2.000	9.300	0.150	0.000	0.000	2.790	-
iii	Dadoo	2.000	6.000	0.150	0.000	0.000	1.800	-
iv	Door	3.000	1.200	0.150	0.000	0.000	-	0.540
Total Quantity					59.85 Sqm (Sqm)		59.85 Sqm (Square Meter)	
Amount					59.85 X 1014.9208333826		60743.01	
7. Flooring (AR0816) : Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor								
Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1 (1cement: 1sand) jointed with neat cement slurry mixed with pigment to match the shades of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Toilet	1.000	1.370	2.400	0.000	0.000	3.288	-
Total Quantity					3.288 Sqm (Sqm)		3.288 Sqm (Square Meter)	
Amount					3.288 X 1194.1105134508		3926.24	
8. miscellaneous (ARM286) : Supplying and fixing of 60mm thick cement concrete interlocking paver block of M-30 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC								

Supplying and fixing of 60mm thick cement concrete interlocking paver block of M-30 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018. (New miscellaneous items) and as directed by Engineer-in-Charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	10.400	4.600	0.000	0.000	47.840	-
ii		1.000	17.800	4.800	0.000	0.000	85.440	-
Total Quantity					133.28 Sqm (Sqm)		133.28 Sqm (Square Meter)	
Amount					133.28 X 529.41		70559.76	
Total Amount							166570.11	
Addition								
Provision for PH Work (+) @								
Provision for EI Work (+) @								
Provision for Contingency (+) @							1665.70	
Display Citizen Board (+) @							1764.00	
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								
Total Addition							3429.70	
Grand Net Total Amount							169999.81	

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