

Detailed Estimate

OD/351/3346/117190/382898/00071793 : Development of Rural Haat at Kalla

Block : Barkote, Gram Panchayat : Kalla

Created By: NAYAN CHANDRA SARKAR

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	Paver	1.000	32.000	11.500	0.200	0.000	73.600	-
Total Quantity					73.6 cum (cum)		73.6 Cum (Cubic Meter)	
Amount					73.6 X 240.77592		17721.11	
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	Paver	1.000	32.000	11.500	0.150	0.000	55.200	-
ii	Inside Shed	2.000	18.800	2.000	0.300	0.000	22.560	-
Total Quantity					77.76 cum (cum)		77.76 Cum (Cubic Meter)	
Amount					77.76 X 433.101332		33677.96	
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	Shed	2.000	18.800	2.000	0.150	0.000	11.280	-

Total Quantity		11.28 cum (cum)		11.28 Cum (Cubic Meter)				
Amount		11.28 X 6020.01221736		67905.74				
4. 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/cm ² 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	shed	3.000	19.300	0.250	0.600	0.000	8.685	-
ii	Pillar	14.000	0.450	0.450	0.600	0.000	1.701	-
iii		7.000	0.450	0.450	0.750	0.000	1.063	-
iv	Setting Area	1.000	10.000	0.380	0.750	0.000	2.850	-
v		1.000	8.500	0.380	0.750	0.000	2.423	-
vi		1.000	6.700	0.380	0.750	0.000	1.910	-
Total Quantity		18.631125 cum (cum)		18.631125 Cum (Cubic Meter)				
Amount		18.631125 X 5233.568151248		97507.26				
5. Plastering (AR1004i) : 12mm thick cement plaster (1:6) over Brick work in outside.								
12mm thick cement plaster (1:6) over Brick work in outside 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	Shed	2.000	19.300	0.000	0.600	0.000	23.160	-
ii		2.000	18.800	0.000	0.600	0.000	22.560	-
iii	Pillar	14.000	1.800	0.000	0.600	0.000	15.120	-
iv		7.000	1.800	0.000	0.750	0.000	9.450	-

v	Parapet	3.000	3.500	0.000	0.600	0.000	6.300	-
Total Quantity					76.59 Sqm (Sqm)		76.59 Sqm (Square Meter)	
Amount					76.59 X 179.8683050272		13776.11	
6. Roofing (AR1132i) : Supplying, feeting & fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties								
Supplying, fitting & fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties including fixing of ridges valleys wind ties etc. including cost of fitting, Labour and material etc. complete as per direction of Engineer-in-Charge								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Shed	2.000	20.000	3.600	0.000	0.000	144.000	-
Total Quantity					144 Sqm (Sqm)		144 Sqm (Square Meter)	
Amount					144 X 537.32000851332		77374.08	
7. Iron Work (AR1703) : Iron work wrought and put up in trusses and record racks								
Iron work wrought and put up in trusses and record racks including all cost of labour, material, machinery 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	Truss	0.000	0.000	0.000	0.000	410.000	410.000	-
Total Quantity					410 Kg (Kilo Gram)		4.1 Qntl (Quintal)	
Amount					4.1 X 14686.794094252		60215.86	
8. Painting (AR0901ci) : Priming one coat with outer surface primer of approved quality oil-bound primer over plastering surfaces(Outer surface)								
Priming one coat with outer surface primer of approved quality oil-bound primer over plastering surfaces 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	Shed	2.000	19.300	0.000	0.450	0.000	17.370	-
ii	Pillar	14.000	1.800	0.000	2.100	0.000	52.920	-
iii		7.000	1.800	0.000	2.600	0.000	32.760	-
iv		2.000	4.900	0.000	0.450	0.000	4.410	-

Total Quantity		107.46 Sqm (Sqm)		107.46 Sqm (Square Meter)				
Amount		107.46 X 68.98780412951		7413.43				
9. Painting (AR0918Ai) : Finishing wall one coat with weather coat								
Finishing wall one coat with weather coat including all costs of labour, Paint, Primer 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	Shed	2.000	19.300	0.000	0.450	0.000	17.370	-
ii	Pillar	14.000	1.800	0.000	2.100	0.000	52.920	-
iii		7.000	1.800	0.000	2.600	0.000	32.760	-
iv		2.000	4.900	0.000	0.450	0.000	4.410	-
Total Quantity		107.46 Sqm (Sqm)		107.46 Sqm (Square Meter)				
Amount		107.46 X 57.0910986525		6135.01				
10. 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	shed	2.000	18.800	2.000	0.000	0.000	75.200	-
Total Quantity		75.2 Sqm (Sqm)		75.2 Sqm (Square Meter)				
Amount		75.2 X 368.9206504272		27742.83				
11. Flooring (AR0817aa) : Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3)								
Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the Vitrified tiles including rubbing and polishing complete including cost of precast tiles.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	pindi	1.000	10.000	0.000	0.600	0.000	6.000	-

ii		1.000	8.700	0.000	0.600	0.000	5.220	-
iii		1.000	6.700	0.000	0.600	0.000	4.020	-
Total Quantity					15.24 Sqm (Sqm)		15.24 Sqm (Square Meter)	
Amount					15.24 X 1530.220741511		23320.56	
12. miscellaneous (ARM287) : Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 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 80mm thick cement concrete interlocking paver block of M-40 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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Paver	1.000	32.000	11.500	0.000	0.000	368.000	-
ii		2.000	20.000	5.000	0.000	0.000	200.000	-
iii		2.000	20.000	7.000	0.000	0.000	280.000	-
Total Quantity					848 Sqm (Sqm)		848 Sqm (Square Meter)	
Amount					848 X 621.5043		527035.65	
13. Roofing (AR1132a) : Labour for fixing G.C.I. Sheet in roof								
Labour for fixing G.C.I. Sheet in roof drilling hole in wind ties including fixing of ridges valleys wind ties etc. excluding cost of fitting and as per direction of Engineer-in charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Shed	2.000	20.000	3.000	0.000	0.000	120.000	-
Total Quantity					120 Sqm (Sqm)		120 Sqm (Square Meter)	
Amount					120 X 191.9		23028.00	
Total Amount							982853.60	
Addition								
Provision for PH Work (+) @								

Provision for EI Work (+) @	
Provision for Contingency (+) @	10000.00
Display Citizen Board (+) @	2500.00
Any Other Lumpsum (+) @	4646.00
Provision for survey investigation and quality control (+) @	
Total Addition	17146.00
Grand Net Total Amount	999999.60

NAYAN CHANDRA SARKAR
JE
Barkote Block

SUBRAT KUMAR MAJHI
AEE
Barkote Block

Dillip Kumar Pradhan
BDO
Barkote Block