

Detailed Estimate

OD/350/3342/117081/399700/00019092 : Provision of Facility Centre at Barado GP Hqrs
Block : Nischinta Koili, Gram Panchayat : Barada
Created By: Mama Behera

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	3.000	1.500	1.500	1.200	0.000	8.100	-
ii		1.000	1.200	1.200	1.200	0.000	1.728	-
iii	s/w	2.000	4.130	0.450	0.450	0.000	1.673	-
iv		3.000	1.500	0.450	1.050	0.000	-	2.126
v		1.000	1.200	0.450	0.750	0.000	-	0.405
Total Quantity					8.9694 cum (cum)		8.9694 Cum (Cubic Meter)	
Amount					8.9694 X 240.77592		2159.62	
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	3.000	1.500	1.500	0.150	0.000	1.013	-
ii		1.000	1.200	1.200	0.150	0.000	0.216	-
iii	s/w	2.000	4.130	0.450	0.100	0.000	0.372	-
iv		3.000	1.500	0.450	0.100	0.000	-	0.203
v		1.000	1.200	0.450	0.100	0.000	-	0.054

Total Quantity						1.3437 cum (cum)	1.3437 Cum (Cubic Meter)	
Amount						1.3437 X 1086.157232	1459.47	
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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	column	3.000	1.500	1.500	0.150	0.000	1.013	-
ii		1.000	1.200	1.200	0.150	0.000	0.216	-
iii	s/w	2.000	4.130	0.450	0.100	0.000	0.372	-
iv		3.000	1.500	0.450	0.100	0.000	-	0.203
v		1.000	1.200	0.450	0.100	0.000	-	0.054
Total Quantity						1.3437 cum (cum)	1.3437 Cum (Cubic Meter)	
Amount						1.3437 X 6090.15944436	8183.35	
4. 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/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	S/W	2.000	3.680	0.380	0.300	0.000	0.839	-
ii		2.000	3.680	0.250	0.300	0.000	0.552	-
iii	Column	4.000	0.450	0.250	0.350	0.000	-	0.158
Total Quantity						1.23354 cum (cum)	1.23354 Cum (Cubic Meter)	
Amount						1.23354 X 5174.200896648	6382.58	

5. 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	S/W	2.000	3.680	0.250	2.700	0.000	4.968	-
ii	L/W	1.000	3.000	0.250	0.675	0.000	0.506	-
iii	Toilet L/W	1.000	3.260	0.250	3.150	0.000	2.567	-
iv	Toilet S/W	2.000	1.400	0.250	3.150	0.000	2.205	-
v	p wall	1.000	1.400	0.130	3.150	0.000	0.573	-
vi	Step	1.000	3.000	0.500	0.150	0.000	0.225	-
vii		1.000	3.000	0.250	0.150	0.000	0.113	-
viii	Ded. col.	4.000	0.450	0.250	2.700	0.000	-	1.215
ix	Ded. Wall Beam Area	2.000	3.680	0.250	0.380	0.000	-	0.699
x	Ded. Lintel Area	1.000	6.060	0.250	0.150	0.000	-	0.227
xi		1.000	1.400	0.130	0.150	0.000	-	0.027
xii	Ded. Lartine Door	2.000	0.750	0.130	2.000	0.000	-	0.390
Total Quantity					8.59855 cum (cum)		8.59855 Cum (Cubic Meter)	
Amount					8.59855 X 5207.530896648		44777.21	

6. R.C.C. Work (AR0404Ba) : Reinforced cement concrete work of M-20 grade with 20mm & downgrade size black hard crusher broken granite chips(RCC foundation, footing bases of column, mass concrete, pre-cast slabs etc)(Nominal mix as per IS-456, Table-9).

Reinforced cement concrete work of M-20 grade with 20mm & downgrade 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)(Nominal mix as per IS-456, Table-9).

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	COLUMN BASE	3.000	1.500	1.500	0.100	0.000	0.675	-
ii		3.000	1.050	1.050	0.300	0.000	0.992	-
iii		3.000	0.450	0.450	1.150	0.000	0.699	-
iv		1.000	1.200	1.200	0.100	0.000	0.144	-
v		1.000	0.900	0.900	0.300	0.000	0.243	-
vi		1.000	0.450	0.450	1.150	0.000	0.233	-
Total Quantity					2.98575 cum (cum)		2.98575 Cum (Cubic Meter)	
Amount					2.98575 X 6575.9684805837		19634.20	

7. R.C.C. Work (AR0404Bb) : Reinforced cement concrete work of M-20 grade with 20mm & downgrade size black hard crusher broken granite chips(RCC Plinth band)(Nominal mix as per IS-456, Table-9).

Reinforced cement concrete work of M-20 grade with 20mm & downgrade 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)(Nominal mix as per IS-456, Table-9)..

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	PLINTH S.B.	2.000	3.680	0.250	0.250	0.000	0.460	-
Total Quantity					0.46 cum (cum)		0.46 Cum (Cubic Meter)	
Amount					0.46 X 7332.7906057254		3373.08	

8. R.C.C. Work (AR0404Ad) : 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 Lintels)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	LINTEL TOILET L/W	2.000	3.680	0.250	0.150	0.000	0.276	-
ii	LINTEL TOILET S/W	2.000	1.400	0.250	0.150	0.000	0.105	-
iii	P.WALL	1.000	1.400	0.130	0.150	0.000	0.027	-
iv	Above Main Door Chhaja	1.000	3.250	0.500	0.150	0.000	0.244	-
Total Quantity					0.65205 cum (cum)		0.65205 Cum (Cubic Meter)	
Amount					0.65205 X 13240.252709114		8633.31	
9. 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	4.000	0.450	0.300	2.600	0.000	1.404	-
ii	L/W BEAM	2.000	6.700	0.300	0.450	0.000	1.809	-
iii	S/W BEAM	1.000	2.680	0.300	0.450	0.000	0.362	-
iv	CANTILEVER	2.000	1.050	0.250	0.150	0.000	0.079	-
v	GATE BEAM	1.000	4.350	0.500	0.450	0.000	0.979	-
Total Quantity					4.6323 cum (cum)		4.6323 Cum (Cubic Meter)	
Amount					4.6323 X 14631.721867904		67778.53	
10. R.C.C. Work (AR0404Ae) : 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 Stairs excluding landing but including railing)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	STAIRCASE LANDING	1.000	1.050	0.900	0.150	0.000	0.142	-
ii		2.000	0.900	0.900	0.150	0.000	0.243	-
iii	STEP	6.000	1.050	0.250	0.150	0.000	0.236	-
Total Quantity					0.621 cum (cum)		0.621 Cum (Cubic Meter)	
Amount					0.621 X 14516.650924191		9014.84	

11. R.C.C. Work (AR0404Bg) : Reinforced cement concrete work of M-20 grade with 20mm & downgrade size black hard crusher broken granite chips(RCC Roof slab, lending, balcony, sun shed)(Nominal mix as per IS-456, Table-9).

Reinforced cement concrete work of M-20 grade with 20mm & downgrade 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, lending, balcony, sun shed)(Nominal mix as per IS-456, Table-9).

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Roof Slab	1.000	7.750	3.830	0.130	0.000	3.859	-
Total Quantity					3.858725 cum (cum)		3.858725 Cum (Cubic Meter)	
Amount					3.858725 X 12877.852884974		49692.09	

12. 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	0.000	0.000	0.000	0.000	14.420	14.420	-

Total Quantity				14.42 Qntl (Quintal)			14.42 Qntl (Quintal)	
Amount				14.42 X 8547.2584008			123251.47	
13. Plastering (AR1004) : 12mm thick cement plster (1:6) over Brick work in inside								
12mm thick cement plster (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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	OUTSIDE S/W	2.000	3.680	0.000	3.150	0.000	23.184	-
ii	L/W	1.000	3.250	0.000	1.800	0.000	5.850	-
Total Quantity				29.034 Sqm (Sqm)			29.034 Sqm (Square Meter)	
Amount				29.034 X 175.0708514872			5083.01	
14. 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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	INSIDE S/W	1.000	3.680	0.000	3.150	0.000	11.592	-
ii	TOILET L/W	2.000	1.250	0.000	2.850	0.000	7.125	-
iii		2.000	1.380	0.000	2.850	0.000	7.866	-
iv	TOILET OUTSIDE L/W	1.000	3.260	0.000	3.150	0.000	10.269	-
v	S/W	4.000	1.400	0.000	2.850	0.000	15.960	-
vi		1.000	1.650	0.000	3.150	0.000	5.198	-
vii	DED. L. DOOR	2.000	0.750	0.000	2.000	0.000	-	3.000
Total Quantity				55.0095 Sqm (Sqm)			55.0095 Sqm (Square Meter)	

Amount						55.0095 X 250.366517612	13772.54	
15. 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	OUTSIDE	2.000	3.680	0.000	3.150	0.000	23.184	-
ii		1.000	3.250	0.000	1.800	0.000	5.850	-
Total Quantity					29.034 Sqm (Sqm)		29.034 Sqm (Square Meter)	
Amount						29.034 X 68.99284786751	2003.14	
16. Painting (AR0901d) : Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface)								
Priming one coat with inner surface primer of approved quality water-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	INSIDE s/w	1.000	3.680	0.000	3.150	0.000	11.592	-
ii	L/W	1.000	4.750	0.000	3.150	0.000	14.963	-
iii		1.000	3.250	0.000	0.675	0.000	2.194	-
iv	Toilet L/W	2.000	1.250	0.000	2.700	0.000	6.750	-
v		4.000	1.400	0.000	2.700	0.000	15.120	-
vi		2.000	1.380	0.000	2.700	0.000	7.452	-
vii	T. OUTSIDE	1.000	3.230	0.000	2.700	0.000	8.721	-
viii		1.000	1.900	0.000	2.700	0.000	5.130	-
ix	ROOM CELLING	1.000	6.400	0.000	3.780	0.000	24.192	-

x	Ded. TOILET WALL	1.000	3.230	0.250	0.000	0.000	-	0.808
xi		2.000	1.650	0.250	0.000	0.000	-	0.825
Total Quantity					94.48075 Sqm (Sqm)		94.48075 Sqm (Square Meter)	
Amount					94.48075 X 71.83753306751		6787.26	

17. Painting (AR0920) : Finishing wall two coats with plastic emulsion paint of approved shades on new work (Inside)

Finishing wall two coats with plastic emulsion paint of approved shades on new work to give an even shade including all costs of labor, Paint and Brushes required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	ITEM SAME AS 16no	0.000	96.110	0.000	0.000	0.000	96.110	-
Total Quantity					96.11 Sqm (Sqm)		96.11 Sqm (Square Meter)	
Amount					96.11 X 94.76013415		9107.40	

18. Painting (AR0918f) : Finishing wall with two coat weather coat paint of approved shade in the outer surface of old work(Outside)

Finishing wall with two coat weather coat paint of approved shade in the outer surface of old work to give an even shade including all costs of labour, Paint, Brushes, and putty required for the work, etc. complete and as per direction of Engineer-in-charge. (Outside)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	ITEM SAME AS 15no	0.000	29.034	0.000	0.000	0.000	29.034	-
Total Quantity					29.034 Sqm (Sqm)		29.034 Sqm (Square Meter)	
Amount					29.034 X 87.87319665		2551.31	

19. 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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Toilet	1.000	1.250	1.400	0.000	0.000	1.750	-
ii		1.000	1.380	1.400	0.000	0.000	1.932	-
iii	Toilet front	2.000	3.000	0.250	0.000	0.000	1.500	-
iv	step	6.000	1.050	0.250	0.000	0.000	1.575	-
v	STAIRCASE LANDING	1.000	1.050	0.900	0.000	0.000	0.945	-
vi		2.000	0.900	0.900	0.000	0.000	1.620	-
Total Quantity					9.322 Sqm (Sqm)		9.322 Sqm (Square Meter)	
Amount					9.322 X 1190.9790550118		11102.31	

20. Flooring (AR0817a) : Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755)

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 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 ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Toilet L/W	2.000	1.250	0.000	1.800	0.000	4.500	-
ii		2.000	1.380	0.000	1.800	0.000	4.968	-
iii	S/W	4.000	1.400	0.000	1.800	0.000	10.080	-
iv	Front Riser	3.000	3.000	0.000	0.150	0.000	1.350	-
v	step riser	7.000	1.050	0.000	0.150	0.000	1.103	-
vi		3.000	3.000	0.000	0.000	0.000	9.000	-
Total Quantity					31.0005 Sqm (Sqm)		31.0005 Sqm (Square Meter)	
Amount					31.0005 X 1328.161367651		41173.67	

21. Other Building Items. (AR1911) : Stainless steel of 304 grade in hand railing using 50mm dia of 2mm

Supplying, fitting and fixing of Stainless steel of 304 grade in hand railing using 50mm dia of 2mm thick circular pipe with Balustrade of size 32mm x 32mm x 2mm @ 0.90mtr. C/C and stainless square pipe bracing of size 32mm x 32mm x 2mm in 3 rows in staircase as per approved design and specification, buffing, polishing etc with cost, conveyance, taxes of all materials, labour, T&P etc. required for the complete in all respect. and as per direction of Engineer in Charge

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Steel Railing	1.000	1.095	0.000	0.000	0.000	1.095	-
Total Quantity					1.095 DM (Decimtr)		10.95 Rmt (Meter)	
Amount					10.95 X 3129.0244276074		34262.82	

22. Masonry Brick Work (AR0603bi) : First floor

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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	L/W	1.000	6.850	0.250	3.050	0.000	5.223	-
ii	S/W	2.000	3.900	0.250	3.050	0.000	5.948	-
iii	(DED)Column	4.000	0.450	0.250	2.750	0.000	-	1.238
iv	door	1.000	1.200	0.250	2.050	0.000	-	0.615
v	W.D.	2.000	1.200	0.250	1.200	0.000	-	0.720
vi		1.000	1.200	0.250	1.300	0.000	-	0.390
vii	Lintel Area	1.000	20.500	0.250	0.150	0.000	-	0.769
viii	Wall Beam Area	1.000	20.500	0.250	0.300	0.000	-	1.538
Total Quantity					5.901875 cum (cum)		5.901875 Cum (Cubic Meter)	
Amount					5.901875 X 5536.561626648		32676.09	

23. R.C.C. Work (AR0404Ac) : First Floor

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	4.000	0.450	0.300	2.750	0.000	1.485	-
ii	W.BEAM	2.000	6.850	0.250	0.300	0.000	1.028	-
iii		2.000	3.400	0.250	0.300	0.000	0.510	-
iv	ROOM BEAM	1.000	3.400	0.250	0.300	0.000	0.255	-
Total Quantity					3.2775 cum (cum)		3.2775 Cum (Cubic Meter)	
Amount					3.2775 X 16414.023626537		53796.96	

24. R.C.C. Work (AR0404Ad) : First Floor

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 Lintels)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	LINTEL L/W	1.000	6.850	0.250	0.150	0.000	0.257	-
ii	S/W	2.000	3.400	0.250	0.150	0.000	0.255	-
iii	Chhaja	1.000	1.500	0.500	0.060	0.000	0.045	-
iv		1.000	1.500	1.050	0.100	0.000	0.158	-
Total Quantity					0.714375 cum (cum)		0.714375 Cum (Cubic Meter)	
Amount					0.714375 X 14744.26063599		10532.93	

25. R.C.C. Work (AR0404Ae) : First Floor

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 Stairs excluding landing but including railing)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	staircase landing	1.000	1.050	0.900	0.150	0.000	0.142	-
ii	step	10.000	0.900	0.250	0.150	0.000	0.338	-
Total Quantity					0.47925 cum (cum)		0.47925 Cum (Cubic Meter)	
Amount					0.47925 X 16275.938494082		7800.24	

26. R.C.C. Work (AR0404Ag) : First Floor

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	Roof Slab	1.000	7.150	4.200	0.130	0.000	3.904	-
Total Quantity					3.9039 cum (cum)		3.9039 Cum (Cubic Meter)	
Amount					3.9039 X 14309.380847021		55862.39	

27. R.C.C. Work (AR0409) : First floor

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		10.100	0.000	0.000	0.000	0.000	10.100	-
Total Quantity					10.1 Qntl (Quintal)		10.1 Qntl (Quintal)	
Amount					10.1 X 8576.3326648		86620.96	

28. Plastering (AR1004) : First Floor

12mm thick cement plster (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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction	
i	OUTSIDE L/W	1.000	6.850	0.000	3.050	0.000	20.893	-	
ii	S/W	2.000	3.900	0.000	3.050	0.000	23.790	-	
iii	Door	1.000	1.200	0.000	2.050	0.000	-	2.460	
iv	Window	2.000	1.200	0.000	1.200	0.000	-	2.880	
v		1.000	1.200	0.000	1.300	0.000	-	1.560	
Total Quantity					37.7825 Sqm (Sqm)		37.7825 Sqm (Square Meter)		
Amount					37.7825 X 179.1346874872		6768.16		

29. Plastering (AR1014) : First Floor

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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction	
i	Inside Wall	1.000	6.350	0.000	3.050	0.000	19.368	-	
ii		2.000	3.400	0.000	3.050	0.000	20.740	-	
Total Quantity					40.1075 Sqm (Sqm)		40.1075 Sqm (Square Meter)		
Amount					40.1075 X 256.450757612		10285.60		

30. Plastering (AR1017) : First Floor

20mm thick cement Plaster in CM (1:4) over stone 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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction	
i	R. Slab	1.000	7.150	4.200	0.000	0.000	30.030	-	
Total Quantity					30.03 Sqm (Sqm)		30.03 Sqm (Square Meter)		

Amount						30.03 X 280.6957992896	8429.29	
31. Painting (AR0901ci) : First Floor								
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	Outside L.Wall	1.000	6.850	0.000	3.050	0.000	20.893	-
ii		2.000	3.900	0.000	3.050	0.000	23.790	-
iii	door	1.000	1.200	0.000	2.050	0.000	-	2.460
iv	window	2.000	1.200	0.000	1.200	0.000	-	2.880
v		1.000	1.200	0.000	1.300	0.000	-	1.560
Total Quantity					37.7825 Sqm (Sqm)		37.7825 Sqm (Square Meter)	
Amount						37.7825 X 71.908815609445	2716.89	
32. Painting (AR0901d) : First Floor								
Priming one coat with inner surface primer of approved quality water-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	Celling	1.000	6.350	3.400	0.000	0.000	21.590	-
ii	Inside Wall	2.000	6.350	0.000	3.050	0.000	38.735	-
iii		2.000	3.400	0.000	3.050	0.000	20.740	-
Total Quantity					81.065 Sqm (Sqm)		81.065 Sqm (Square Meter)	
Amount						81.065 X 73.587113712671	5965.34	
33. Painting (AR0920) : First Floor								

Finishing wall two coats with plastic emulsion paint of approved shades on new work to give an even shade including all costs of labor, Paint and Brushes required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Same As 32	81.065	0.000	0.000	0.000	0.000	81.065	-
Total Quantity					81.065 Sqm (Sqm)		81.065 Sqm (Square Meter)	
Amount					81.065 X 96.65739895		7835.53	

34. Painting (AR0918g) : First Floor

Finishing wall with two coats weather coat paint of approved shade including one coat of oil bound primer in the outer surface of old work to give an even shade including all costs of labour, Paint, Brushes, and putty required for the work, etc. complete and as per direction of Engineer-in-charge. (Outside)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Same as 31	37.780	0.000	0.000	0.000	0.000	37.780	-
Total Quantity					37.78 Sqm (Sqm)		37.78 Sqm (Square Meter)	
Amount					37.78 X 113.94289460945		4304.76	

35. 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)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Room	1.000	6.350	3.400	0.000	0.000	21.590	-
Total Quantity					21.59 Sqm (Sqm)		21.59 Sqm (Square Meter)	
Amount					21.59 X 1005.4351044746		21707.34	

36. 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	ROOM	1.000	19.500	0.000	0.200	0.000	3.900	-
Total Quantity					3.9 Sqm (Sqm)		3.9 Sqm (Square Meter)	
Amount					3.9 X 1523.616567651		5942.10	

37. Flooring (AR0816) : First 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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	STEP	10.000	0.900	0.250	0.000	0.000	2.250	-
ii	FRONT FLOOR	1.000	3.100	1.050	0.000	0.000	3.255	-
Total Quantity					5.505 Sqm (Sqm)		5.505 Sqm (Square Meter)	
Amount					5.505 X 1216.9150470118		6699.12	

38. Flooring (AR0817a) : First 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 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 ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	RISER OF STEPS	11.000	0.900	0.000	0.150	0.000	1.485	-
Total Quantity					1.485 Sqm (Sqm)		1.485 Sqm (Square Meter)	
Amount					1.485 X 1365.438952651		2027.68	

39. Other Building Items. (AR1907) : aluminum sliding window (sliding type)

Supplying, fitting, fixing up window (sliding type) made up aluminum Section 9778,as windows frame, section No. 4095,4096 and 9777, 3994 as shutter frame with 5mm thick black glass as panel fitted with rubber beading including locking arrangement including all fitting including cost of materials all taxes labour, T&P etc. complete as per direction of Engineer-incharge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	WINDOW	2.000	1.200	0.000	1.200	0.000	2.880	-
ii		1.000	1.200	0.000	1.300	0.000	1.560	-
Total Quantity					4.44 Sqm (Sqm)		4.44 Sqm (Square Meter)	
Amount					4.44 X 4152.7950064027		18438.41	

40. Painting (AR0903b) : Painting two coats of enamel paint with a coat of red oxide primer over iron surface

Painting two coats of enamel paint with a coat of red oxide primer over iron surface including all costs of labour, Paint, Primer, brushes and putty 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	Toilet Door	2.000	0.750	0.000	2.000	0.000	3.000	-
ii	grill	1.000	1.100	0.000	2.050	0.000	2.255	-
Total Quantity					5.255 Sqm (Sqm)		5.255 Sqm (Square Meter)	
Amount					5.255 X 230.12190628603		1209.29	

41. Painting (AR0903b) : First Floor

Painting two coats of enamel paint with a coat of red oxide primer over iron surface including all costs of labour, Paint, Primer, brushes and putty 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	Door	1.000	1.200	0.000	2.050	0.000	2.460	-
ii	Window Grill	2.000	1.200	0.000	1.200	0.000	2.880	-
iii		1.000	1.200	0.000	1.300	0.000	1.560	-
Total Quantity					6.9 Sqm (Sqm)		6.9 Sqm (Square Meter)	
Amount					6.9 X 236.01965467312		1628.54	
Total Amount							821430.83	
Addition								

Provision for PH Work (+) @	50439.00
Provision for EI Work (+) @	71500.00
Provision for Contingency (+) @	10000.00
Display Citizen Board (+) @	5000.00
Any Other Lumpsum (+) @	41630.00
Provision for survey investigation and quality control (+) @	
Total Addition	178569.00
Grand Net Total Amount	999999.83

Mama Behera
JE
Nischinta Koili Block

Nalinikanta Mohapatra
AEE
Nischinta Koili Block

Dibyendu Kumar Das
BDO
Nischinta Koili Block