

Detailed Estimate

OD/352/3349/117238/402422/00068493 : Construction of Community Centre at Khurusia Village.

Block : Bhuban, Gram Panchayat : Arakhapal

Created By:Deepak Kumar Sahoo

1. 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	L.W	2.000	5.500	0.250	0.150	0.000	0.413	-
ii	S.W	1.000	3.650	0.250	0.150	0.000	0.137	-
Total Quantity					0.549375 cum (cum)		0.549375 Cum (Cubic Meter)	
Amount					0.549375 X 13421.98431959		7373.70	
2. 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	L.W	2.000	5.750	0.250	0.200	0.000	0.575	-
ii	S.w	3.000	3.650	0.250	0.200	0.000	0.548	-
Total Quantity					1.1225 cum (cum)		1.1225 Cum (Cubic Meter)	
Amount					1.1225 X 14813.45347838		16628.10	
3. 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	ab	1.000	6.950	4.450	0.125	0.000	3.866	-
Total Quantity					3.8659375 cum (cum)		3.8659375 Cum (Cubic Meter)	
Amount					3.8659375 X 13059.58449545		50487.54	

4. 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	rod	5.900	0.000	0.000	0.000	1.000	5.900	-
Total Quantity					5.9 Qntl (Quintal)		5.9 Qntl (Quintal)	
Amount					5.9 X 8175.9788355		48238.28	

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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	L.W	2.000	5.750	0.250	1.500	0.000	4.313	-
ii	S.W	1.000	3.650	0.250	1.500	0.000	1.369	-
Total Quantity					5.68125 cum (cum)		5.68125 Cum (Cubic Meter)	
Amount					5.68125 X 5203.452298488		29562.11	

6. 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	L.W	2.000	5.250	0.000	4.000	0.000	42.000	-
ii	S.W	2.000	3.650	0.000	4.000	0.000	29.200	-
iii	Deduction Door	1.000	3.650	0.000	3.800	0.500	-	6.935
Total Quantity					64.265 Sqm (Sqm)		64.265 Sqm (Square Meter)	
Amount					64.265 X 247.899891572		15931.29	

7. 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	Room	1.000	5.250	3.650	0.000	0.000	19.163	-
Total Quantity					19.1625 Sqm (Sqm)		19.1625 Sqm (Square Meter)	
Amount					19.1625 X 376.3617684632		7212.03	

8. 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	Qty same as 16mm plaster	64.270	0.000	0.000	0.000	0.000	64.270	-
ii	Qty same as 2.5A.S flooring	19.160	0.000	0.000	0.000	0.000	19.160	-

Total Quantity				83.43 Sqm (Sqm)			83.43 Sqm (Square Meter)	
Amount				83.43 X 71.84762054351			5994.25	
9. Painting (AR0922) : Finishing wall two coats with distemper of approved shades on new work (Inside)								
Finishing wall two coats with distemper 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	qty same as primer item	83.430	0.000	0.000	0.000	0.000	83.430	-
Total Quantity				83.43 Sqm (Sqm)			83.43 Sqm (Square Meter)	
Amount				83.43 X 78.88055055			6581.00	
10. Iron Work (AR1702) : Iron work wrought and put up in window grating including drilling holes in choukathas								
Iron work wrought and put up in window grating including drilling holes in choukathas 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	openig Door Grill	1.000	3.700	0.000	3.900	16.000	230.880	-
Total Quantity				230.88 Kg (Kilo Gram)			2.3088 Qntl (Quintal)	
Amount				2.3088 X 8765.0031304724			20236.64	
Total Amount							208244.94	
Addition								
Provision for PH Work (+) @								
Provision for EI Work (+) @								
Provision for Contingency (+) @							2082.45	
Display Citizen Board (+) @							393.00	
Any Other Lumpsum (+) @								

Provision for survey investigation and quality control (+) @	
Total Addition	2475.45
Grand Net Total Amount	210720.39

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Bhuban Block

Ranjit Behera
AEE
Bhuban Block

Ayushi Mohapatra
BDO
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