

Detailed Estimate

OD/370/3551/121161/425545/00073188 : Const. of Bathing Ghat with changing room at Tadijhola
Block : Kalyansingpur, Gram Panchayat : Dhamunipanga
Created By: SIBA SHANKAR HEMBRAM

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	WALL	2.000	4.250	0.450	0.450	0.000	1.721	-
ii	WALL	3.000	1.500	0.450	0.450	0.000	0.911	-
iii	Approach	1.000	10.000	2.400	0.300	0.000	7.200	-
iv	WALL	2.000	27.000	0.300	0.300	0.000	4.860	-
v	CROSS WALL	2.000	1.800	0.300	0.300	0.000	0.324	-
Total Quantity					15.0165 cum (cum)		15.0165 Cum (Cubic Meter)	
Amount					15.0165 X 240.77592		3615.61	
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	WALL	2.000	4.250	0.450	0.100	0.000	0.383	-
ii		3.000	1.500	0.450	0.100	0.000	0.203	-
iii	ROOM	2.000	1.450	1.500	0.450	0.000	1.958	-
iv	Approach	1.000	10.000	2.400	0.100	0.000	2.400	-
Total Quantity					4.9425 cum (cum)		4.9425 Cum (Cubic Meter)	

Amount						4.9425 X 525.607232	2597.81	
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	WALL	2.000	4.250	0.450	0.100	0.000	0.383	-
ii		3.000	1.500	0.450	0.100	0.000	0.203	-
iii	ROOM	2.000	1.450	1.500	0.100	0.000	0.435	-
iv	CUT OFF	2.000	27.000	0.300	0.600	0.000	9.720	-
v	CROSS CUT OFF	2.000	2.400	0.300	0.600	0.000	0.864	-
vi	Approch	1.000	10.000	2.400	0.150	0.000	3.600	-
Total Quantity					15.204 cum (cum)		15.204 Cum (Cubic Meter)	
Amount					15.204 X 5623.97794192		85506.96	
4. 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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	FOUNDATION	2.000	4.250	0.000	0.600	0.000	5.100	-
ii		2.000	2.400	0.000	0.600	0.000	2.880	-
iii	WALL	2.000	4.050	0.000	2.400	0.000	19.440	-
iv		2.000	2.200	0.000	2.400	0.000	10.560	-
v	DOOR	2.000	0.900	0.000	2.400	0.000	-	4.320
Total Quantity					33.66 Sqm (Sqm)		33.66 Sqm (Square Meter)	

Amount						33.66 X 167.9844077984	5654.36	
5. 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	4.000	1.740	0.000	2.400	0.000	16.704	-
ii	WALL	4.000	1.680	0.000	2.400	0.000	16.128	-
iii	DOOR	2.000	0.900	0.000	2.400	0.000	-	4.320
Total Quantity					28.512 Sqm (Sqm)		28.512 Sqm (Square Meter)	
Amount						28.512 X 241.864262064	6896.03	
6. 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								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	PLINTH	2.000	2.000	4.050	0.150	0.000	2.430	-
ii	WALL	3.000	2.000	1.750	0.150	0.000	1.575	-
iii	STEP	90.000	1.800	0.000	0.200	0.000	32.400	-
iv	wall	2.000	2.000	10.000	0.300	0.000	12.000	-
Total Quantity					48.405 Sqm (Sqm)		48.405 Sqm (Square Meter)	
Amount						48.405 X 216.39264180804	10474.49	
7. 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	1.000	0.500	0.000	0.000	0.000	0.500	-
Total Quantity					0.5 Qntl (Quintal)		0.5 Qntl (Quintal)	
Amount					0.5 X 8646.6187668		4323.31	

8. Painting (AR0901a) : Priming one coat in inner surface with primer of approved quality over woodwork

Priming one coat in inner surface with primer of approved quality over woodwork 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	WALL	2.000	4.050	0.000	2.400	0.000	19.440	-
ii	WALL	2.000	2.200	0.000	2.400	0.000	10.560	-
iii	INSIDE	4.000	1.680	0.000	2.400	0.000	16.128	-
iv	Wall	4.000	1.740	0.000	2.400	0.000	16.704	-
v	DOOR	2.000	2.000	0.900	2.400	0.000	-	8.640
Total Quantity					54.192 Sqm (Sqm)		54.192 Sqm (Square Meter)	
Amount					54.192 X 70.08994432871		3798.31	

9. Painting (AR0919) : Finishing wall One Coat with plastic emulsion paint of approved shades on old work (Inside)

Finishing wall One Coat with plastic emulsion paint of approved shades on old 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	PRIMING AREA	1.000	54.192	0.000	0.000	0.000	54.192	-
Total Quantity					54.192 Sqm (Sqm)		54.192 Sqm (Square Meter)	

Amount						54.192 X 61.22776449	3318.06	
10. 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 specificaion and direction of Engineer-in charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	STEP	80.000	1.800	0.300	0.200	0.000	8.640	-
Total Quantity					8.64 cum (cum)		8.64 Cum (Cubic Meter)	
Amount						8.64 X 7178.38805304	62021.27	
11. 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	FLOOR	2.000	1.740	1.680	0.000	0.000	5.846	-
Total Quantity					5.8464 Sqm (Sqm)		5.8464 Sqm (Square Meter)	
Amount						5.8464 X 361.5657042984	2113.86	
12. R.C.C. Work (AR0404B) : Reinforced cement concrete work of M-20 grade with 20mm & downgrade size black hard crusher broken granite chips.(Nominal mix as per IS-456, Table-9).								
R.C.C. 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. complete and as per direction of Engineer-in charge(Nominal mix as per IS-456, Table-9).								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	PLINTH	2.000	4.050	0.230	0.150	0.000	0.279	-
ii		3.000	1.740	0.230	0.150	0.000	0.180	-
Total Quantity					0.45954 cum (cum)		0.45954 Cum (Cubic Meter)	

Amount						0.45954 X 5903.0521567984	2712.69	
13. 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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	WALL	2.000	4.250	0.450	0.850	0.000	3.251	-
ii	WALL	3.000	1.500	0.450	0.850	0.000	1.721	-
Total Quantity					4.9725 cum (cum)		4.9725 Cum (Cubic Meter)	
Amount						4.9725 X 5238.957956456	26050.72	
14. 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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	WALL	2.000	4.050	0.230	2.400	0.000	4.471	-
ii		3.000	1.740	0.230	2.400	0.000	2.881	-
iii	Door	2.000	0.900	0.230	2.400	0.000	-	0.994
Total Quantity					6.35904 cum (cum)		6.35904 Cum (Cubic Meter)	
Amount						6.35904 X 5272.287956456	33526.69	
15. Iron Work (AR1704) : Iron Doors and windows fixing								
Supplying, fitting & fixing of Mild steel and put up for frames & shutters of Doors and windows fixing in position with cost, conveyance, taxes of all materials, labours 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	DOOR	2.000	0.900	1.800	0.000	30.000	97.200	-
Total Quantity					97.2 Kg (Kilo Gram)		0.972 Qntl (Quintal)	
Amount					0.972 X 15979.038723087		15531.63	
16. 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	DOOR	2.000	2.000	0.900	1.800	0.000	6.480	-
Total Quantity					6.48 Sqm (Sqm)		6.48 Sqm (Square Meter)	
Amount					6.48 X 230.35420628603		1492.70	
Total Amount							269634.49	
Addition								
Display Citizen Board (+) @							5000.00	
Any Other Lumpsum (+) @							17669.00	
Provision for survey investigation and quality control (+) @							5000.00	
Provision for Contingency (+) @							2696.34	
Total Addition							30365.34	
Grand Net Total Amount							299999.83	

SIBA SHANKAR HEMBRAM
JE
Kalyansingpur Block

AEE
Kalyansingpur Block

MANISHA DAS
BDO
Kalyansingpur Block