

Detailed Estimate

OD/372/3570/275277/419596/00013498 : Const. of Market Complex, Janmura

Block : Sonepur, Panchayat : Janmura

Created By:Smt Supriya Guru

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	8.000	1.200	1.200	1.200	0.000	13.824	-
ii	L W	2.000	12.550	0.600	0.600	0.000	9.036	-
iii	S W	2.000	4.170	0.600	0.600	0.000	3.002	-
iv	Ded. Col.	8.000	1.200	0.600	0.600	0.000	-	3.456
Total Quantity					22.4064 cum (cum)		22.4064 Cum (Cubic Meter)	
Amount					22.4064 X 235.56432		5278.15	
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	8.000	1.200	1.200	0.150	0.000	1.728	-
ii	L W	2.000	12.550	0.600	0.150	0.000	2.259	-
iii	S W	2.000	4.170	0.600	0.150	0.000	0.751	-
iv	Ded. Col.	8.000	1.200	0.600	0.150	0.000	-	0.864
Total Quantity					3.8736 cum (cum)		3.8736 Cum (Cubic Meter)	
Amount					3.8736 X 645.558872		2500.64	
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	8.000	1.200	1.200	0.150	0.000	1.728	-
ii	L W	2.000	12.550	0.600	0.150	0.000	2.259	-
iii	S W	2.000	4.170	0.600	0.150	0.000	0.751	-
iv	Hall	1.000	11.450	4.270	0.100	0.000	4.889	-
v	Ded. Col.	8.000	1.200	0.600	0.150	0.000	-	0.864
Total Quantity					8.76275 cum (cum)		8.76275 Cum (Cubic Meter)	
Amount					8.76275 X 5813.64389262		50943.51	

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/cm² 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	Foundation & Plinth	2.000	12.950	0.380	1.200	0.000	11.810	-
ii		2.000	3.790	0.380	1.200	0.000	3.456	-
iii	Deduction	8.000	0.250	0.250	1.200	0.000	-	0.600
Total Quantity					14.66688 cum (cum)		14.66688 Cum (Cubic Meter)	
Amount					14.66688 X 5045.197512216		73997.31	

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 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	Superstructure	2.000	12.180	0.250	3.050	0.000	18.575	-
ii		4.000	4.540	0.250	3.050	0.000	13.847	-

iii	Deduction for Door	3.000	1.800	0.250	2.100	0.000	-	2.835
iv	Ventilator	6.000	0.300	0.250	0.450	0.000	-	0.203
Total Quantity					29.384 cum (cum)		29.384 Cum (Cubic Meter)	
Amount					29.384 X 5078.527512216		149227.45	
6. R.C.C. Work (AR0404Aa) : 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 centering and shuttering) complete and as per direction of Engineer-in charge (RCC foundation, footing bases of column, mass concrete, pre-cast slabs etc.)								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Col. Base	8.000	1.200	1.200	0.300	0.000	3.456	-
ii	Footing	8.000	0.450	0.450	0.450	0.000	0.729	-
Total Quantity					4.185 cum (cum)		4.185 Cum (Cubic Meter)	
Amount					4.185 X 6428.6826126839		26904.04	
7. R.C.C. Work (AR0404Ab) : 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 centering and shuttering) complete and as per direction of Engineer-in charge (RCC Plinth band)								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Plinth	2.000	12.550	0.250	0.250	0.000	1.569	-
ii		4.000	4.170	0.250	0.250	0.000	1.043	-
Total Quantity					2.61125 cum (cum)		2.61125 Cum (Cubic Meter)	
Amount					2.61125 X 7181.9697378256		18753.92	
8. 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 centering and shuttering) complete and as per direction of Engineer-in charge. (RCC Beams, Column, Girder & Bresher etc)

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Column	8.000	0.380	0.250	3.200	0.000	2.432	-
ii	Wall Beam	2.000	12.550	0.250	0.150	0.000	0.941	-
iii		4.000	4.170	0.250	0.150	0.000	0.626	-
iv	Can. Beam	4.000	2.700	0.250	0.250	0.000	0.675	-
Total Quantity					4.67375 cum (cum)		4.67375 Cum (Cubic Meter)	
Amount					4.67375 X 14380.128250004		67209.12	

9. 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 centering and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, landing, balcony, sun shade)

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Roof Slab	1.000	12.250	5.520	0.125	0.000	8.453	-
Total Quantity					8.4525 cum (cum)		8.4525 Cum (Cubic Meter)	
Amount					8.4525 X 12670.365967074		107096.27	

10. 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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	HYSD Bar	22.000	0.000	0.000	0.000	0.000	22.000	-
Total Quantity					22 Qntl (Quintal)		22 Qntl (Quintal)	
Amount					22 X 8691.867292		191221.08	

11. Plastering (AR1017) : 20mm thick cement Plaster in CM (1:4) over brick work in inside.

20mm thick cement Plaster in CM (1:4) 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	Slab	1.000	12.250	5.520	0.000	0.000	67.620	-
Total Quantity					67.62 Sqm (Sqm)		67.62 Sqm (Square Meter)	
Amount					67.62 X 266.5481347632		18023.98	

12. Plastering (AR1004) : 12mm thick cement plaster (1:6) over Brick work in inside

12mm thick cement plaster (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	S/S	2.000	12.550	4.250	0.000	0.000	106.675	-
ii		2.000	4.670	4.250	0.000	0.000	39.695	-
iii	Ded. Door	3.000	1.800	2.100	0.000	0.000	-	11.340
iv	Window	6.000	0.300	0.450	0.000	0.000	-	0.810
Total Quantity					134.22 Sqm (Sqm)		134.22 Sqm (Square Meter)	
Amount					134.22 X 168.3581597124		22597.03	

13. 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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Room	6.000	7.920	3.050	0.000	0.000	144.936	-
ii	Door Outside	3.000	6.360	0.250	0.000	0.000	4.770	-
iii	Ded. Door	3.000	1.800	2.100	0.000	0.000	-	11.340
iv	Ver.	6.000	0.300	0.450	0.000	0.000	-	0.810

Total Quantity				137.556 Sqm (Sqm)			137.556 Sqm (Square Meter)	
Amount				137.556 X 241.425284754			33209.50	
14. Other Building Items. (AR1901Ba) : Vitrified Tile 600mmx600mm Coloured /Printed								
Supplying, fitting & fixing Vitrified Tile 600mmx600mm Coloured /Printed series(Homogeneous) 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 work all materials, taxes, labor, T&P , etc. complete as per direction of Engineer-in-charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Hall	5.000	3.650	4.270	0.000	0.000	77.928	-
Total Quantity				77.9275 Sqm (Sqm)			77.9275 Sqm (Square Meter)	
Amount				77.9275 X 1181.1640950706			92045.17	
15. 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)								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Same as 12 mm Plaster	134.220	0.000	0.000	0.000	0.000	134.220	-
Total Quantity				134.22 Sqm (Sqm)			134.22 Sqm (Square Meter)	
Amount				134.22 X 80.870162175			10854.39	
16. 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)								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Same as 16 mm Plaster	137.556	0.000	0.000	0.000	0.000	137.556	-
Total Quantity				137.556 Sqm (Sqm)			137.556 Sqm (Square Meter)	
Amount				137.556 X 99.2270800875			13649.28	
17. miscellaneous (ARM027) : Labour for taking out wooden/steel door frame and refixing the same after necessary repair including making good damages to walls.(Doors and Window) and as directed by Engineer-in-Charge.								

Labour for taking out wooden/steel door frame and refixing the same after necessary repair including making good damages to walls.(Doors and Window) and as directed by Engineer-in-Charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Door	3.000	1.800	2.130	0.000	0.000	11.502	-
ii	Window	6.000	0.300	0.450	0.000	0.000	0.810	-
Total Quantity					12.312 Each (Each)		12.312 Each (Each)	
Amount					12.312 X 75.16		925.37	

18. 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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Door	3.000	1.800	2.130	0.000	45.000	517.590	-
ii	Window	6.000	0.300	0.450	0.000	20.000	16.200	-
Total Quantity					533.79 Kg (Kilo Gram)		5.3379 Qntl (Quintal)	
Amount					5.3379 X 15874.081628976		84734.26	

19. Painting (AR0901bi) : Priming one coat in outer surface with primer of approved quality over iron work

Priming one coat in outer surface with primer of approved quality over iron work including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Door	3.000	1.800	2.130	2.250	0.000	25.880	-
ii	Ven.	6.000	0.300	0.450	0.500	0.000	0.405	-
Total Quantity					26.2845 Sqm (Sqm)		26.2845 Sqm (Square Meter)	
Amount					26.2845 X 66.430624603133		1746.10	

20. Painting (AR0903i) : First Floor

Painting two coats of enamel paint in outer surface paint including all costs of labour, Paint and brushes required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
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i	Same as Primer	26.285	0.000	0.000	0.000	0.000	26.285	-
Total Quantity					26.2845 Sqm (Sqm)		26.2845 Sqm (Square Meter)	
Amount					26.2845 X 173.12793299073		4550.58	
Total Amount							975467.14	
Addition								
Provision for PH Work (+) @								
Provision for EI Work (+) @							11778.00	
Provision for Contingency (+) @							9754.67	
Display Citizen Board (+) @							3000.00	
Any Other Lumpsum (+) @							0.00	
Total Addition							24532.67	
Grand Net Total Amount							999999.81	