

Detailed Estimate

OD/352/3349/117242/402548/00067802 : Repair & Maintenance of Dayanabili Market Complex
Block : Bhuban, Gram Panchayat : Dayanabili
Created By:Girish Kumar Parida

1. 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	Room	4.000	9.000	8.000	2.000	0.000	576.000	-
ii	Ver	1.000	37.000	2.160	2.000	0.000	159.840	-
Total Quantity					735.84 Cft (Cubic Foot)		20.836634112 Cum (Cubic Meter)	
Amount					20.836634112 X 723.466232		15074.60	
2. 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	Room	4.000	9.000	8.000	0.330	0.000	95.040	-
ii	ver	1.000	37.000	2.160	0.330	0.000	26.374	-
iii		1.000	9.000	9.000	0.330	0.000	26.730	-
Total Quantity					148.1436 Cft (Cubic Foot)		4.19495269248 Cum (Cubic Meter)	
Amount					4.19495269248 X 6110.01794316		25631.24	
3. Concrete (AR0318) : 4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken)								

4cm thick grading concrete (1:2:4) on roof slab with 12mm size hard granite chips (Crusher Broken) including hoisting and laying in position compacting and curing for the proper period with cost conveyance, royalty, taxes of all materials, labor and T&P required for the work etc. complete as per specificaion and direction of Engineer-in charge. (Old Work)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	slab	1.000	38.000	14.000	1.000	0.000	532.000	-
Total Quantity					532 Sft (Square Foot)		49.424396 Sqm (Square Meter)	
Amount					49.424396 X 762.3575358948		37679.06	

4. R.C.C. Work (AR0404A) : 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. complete and as per direction of Engineer-in charge. (excluding centring and shuttering)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	fin	1.000	37.000	3.000	0.208	0.000	23.088	-
Total Quantity					23.088 Cft (Cubic Foot)		0.6537782784 Cum (Cubic Meter)	
Amount					0.6537782784 X 6278.3178017132		4104.63	

5. Masonry Stone Work (AR0717) : Laterite stone masonry

Laterite stone masonry in cement mortar (1:6) in foundation and plinth cost conveyance, royalty, taxes of all materials, labor, required for the work, etc. complete and as per direction of the Engineer-in-charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	step	1.000	37.000	2.000	0.750	0.000	55.500	-
ii		1.000	37.000	1.000	0.750	0.000	27.750	-
Total Quantity					83.25 Cft (Cubic Foot)		2.3573736 Cum (Cubic Meter)	
Amount					2.3573736 X 5145.075167088		12128.86	

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	room	8.000	8.000	10.000	0.000	0.000	640.000	-
ii		8.000	9.000	10.000	0.000	0.000	720.000	-
iii	dedct	4.000	5.330	7.000	0.000	0.000	-	149.240
iv	Step	2.000	37.000	1.000	0.000	0.000	74.000	-
v		3.000	37.000	0.750	0.000	0.000	83.250	-
Total Quantity					1368.01 Sft (Square Foot)		127.09223303 Sqm (Square Meter)	
Amount					127.09223303 X 246.716373572		31355.73	

7. R.C.C. Work (AR0410a) : Centring & Shuttering for R.C.C. floor and roof slabs, landings, balconies, projecting sun shades and chajjas

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. floor and roof slabs, landings, balconies, projecting sun shades and chajjas up to 4.3m height

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	fin	1.000	37.000	3.000	1.000	0.000	111.000	-
Total Quantity					111 Sft (Square Foot)		10.312233 Sqm (Square Meter)	
Amount					10.312233 X 663.29946175911		6840.10	

8. 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
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i	Rod	1.000	1.000	0.350	0.000	0.000	0.350	-
Total Quantity					0.35 Kg (Kilo Gram)		0.0035 Qntl (Quintal)	
Amount					0.0035 X 8175.9788355		28.62	

9. 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)

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	room	4.000	8.000	9.000	0.000	0.000	288.000	-
ii	ver	1.000	37.000	3.000	0.000	0.000	111.000	-
iii	step	2.000	37.000	1.000	0.000	0.000	74.000	-
iv		3.000	37.000	0.750	0.000	0.000	83.250	-
Total Quantity					556.25 Sft (Square Foot)		51.67729375 Sqm (Square Meter)	
Amount					51.67729375 X 1012.8086648226		52339.21	

10. Painting (AR0918h) : Finishing wall with two coats weather coat paint of approved shade including one coat of water bound primer in the outer surface of old work(Outside).

Finishing wall with two coats weather coat paint of approved shade including one coat of water 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)

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	O/s	1.000	37.000	12.000	0.000	0.000	444.000	-
ii		1.000	37.000	10.000	0.000	0.000	370.000	-
iii		2.000	10.250	12.000	0.000	0.000	246.000	-
iv	ceiling area	1.000	38.000	14.000	0.000	0.000	532.000	-

v	plastered area	1.000	1210.760	1.000	0.000	0.000	1210.760	-
vi		4.000	10.660	2.500	0.000	0.000	106.600	-
Total Quantity					2909.36 Sft (Square Foot)		270.28827208 Sqm (Square Meter)	
Amount					270.28827208 X 160.75408487694		43449.94	
11. 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	shutter	4.000	5.330	7.000	0.000	0.000	149.240	-
Total Quantity					149.24 Sft (Square Foot)		13.86484372 Sqm (Square Meter)	
Amount					13.86484372 X 230.37570221703		3194.12	
Total Amount							231826.12	
Addition								
Provision for PH Work (+) @								
Provision for EI Work (+) @								
Provision for Contingency (+) @							3000.00	
Display Citizen Board (+) @							3000.00	
Any Other Lumpsum (+) @							12173.00	
Provision for survey investigation and quality control (+) @								
Total Addition							18173.00	
Grand Net Total Amount							249999.12	

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