

Detailed Estimate

OD/367/3523/120594/406113/00071744 : Repair of Bijipur Market Complex

Block : Bhapur, Gram Panchayat : Bijipur

Created By:Gayatri Khatua

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	floor	1.000	13.700	1.500	0.300	0.000	6.165	-
Total Quantity					6.165 cum (cum)		6.165 Cum (Cubic Meter)	
Amount					6.165 X 240.77592		1484.38	
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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	floor	1.000	13.700	2.400	0.100	0.000	3.288	-
Total Quantity					3.288 cum (cum)		3.288 Cum (Cubic Meter)	
Amount					3.288 X 5275.71033984		17346.54	
3. 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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	floor	5.000	2.450	3.050	0.000	0.000	37.363	-

Total Quantity	37.3625 Sqm (Sqm)	37.3625 Sqm (Square Meter)
Amount	37.3625 X 1513.675315411	56554.69

4. Flooring (AR0817b) : Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753)

Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) in wall cladding 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	wall	5.000	10.950	0.100	0.000	0.000	5.475	-
Total Quantity					5.475 Sqm (Sqm)		5.475 Sqm (Square Meter)	
Amount					5.475 X 871.588015411		4771.94	

5. 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	shop	10.000	2.900	0.000	3.050	0.000	88.450	-
ii		10.000	3.050	0.000	3.050	0.000	93.025	-
iii	ver projection	1.000	16.500	0.000	1.200	0.000	19.800	-
Total Quantity					201.275 Sqm (Sqm)		201.275 Sqm (Square Meter)	
Amount					201.275 X 61.2156861525		12321.19	

6. 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
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i	floor	1.000	13.700	2.400	0.100	0.000	3.288	-
ii	Room	5.000	3.050	2.400	0.075	0.000	2.745	-
Total Quantity					6.033 cum (cum)		6.033 Cum (Cubic Meter)	
Amount					6.033 X 6745.71324808		40696.89	
7. Concrete (AR0317) : 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips								
2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips including hoisting and laying in position compacting 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 specifaion and direction of Engineer-in charge. (new work)								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	room	1.000	13.700	3.850	0.000	0.000	52.745	-
Total Quantity					52.745 Sqm (Sqm)		52.745 Sqm (Square Meter)	
Amount					52.745 X 345.5289776668		18224.93	
8. Dismantling (AR1621) : Removing old grading plaster from roof								
Removing old grading plaster from roof slab, cleaning the surface,lowering and removing the debris within 50m lead and as per direction of Engineer-in-Charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	over roof slab	1.000	13.700	3.850	0.000	0.000	52.745	-
Total Quantity					52.745 Sqm (Sqm)		52.745 Sqm (Square Meter)	
Amount					52.745 X 77.77		4101.98	
9. Painting (AR0917gk) : Finishing wall with one coat weather coat paint of approved shade including one coat of oil bound primer in the outer surface of old work(Outside)(For repair and maintenance).								
Finishing wall with one coat 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)(For repair and maintenance).								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	lw	2.000	16.550	0.000	3.050	0.000	100.955	-

ii	sw	2.000	3.550	0.000	3.050	0.000	21.655	-	
iii	shutter	5.000	2.400	0.000	2.900	0.000	-	34.800	
Total Quantity					87.81 Sqm (Sqm)		87.81 Sqm (Square Meter)		
Amount					87.81 X 128.09162947878		11247.73		
10. Painting (AR0903ik) : Painting two coats of enamel paint in outer surface paint (outer surface)(For repair and maintenance) .									
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)(For repair and maintenance).									
SI No	Description	No	L	B	D	CF	Quantity	Deduction	
i	shutter	5.000	2.400	0.000	2.900	0.000	34.800	-	
Total Quantity					34.8 Sqm (Sqm)		34.8 Sqm (Square Meter)		
Amount					34.8 X 166.19022181331		5783.42		
11. 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	ssop	10.000	2.900	0.000	3.050	0.000	88.450	-	
ii		10.000	3.050	0.000	3.050	0.000	93.025	-	
iii		5.000	2.900	0.000	3.050	0.000	44.225	-	
iv		1.000	16.500	0.000	2.400	0.000	39.600	-	
v		5.000	2.400	0.000	2.900	0.000	-	34.800	
Total Quantity					230.5 Sqm (Sqm)		230.5 Sqm (Square Meter)		
Amount					230.5 X 70.08544099121		16154.69		
12. Painting (AR0901ai) : Priming one coat in outer surface with primer of approved quality over woodwork									

Priming one coat in outer 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	lw	2.000	16.500	0.000	3.050	0.000	100.650	-
ii	sw	2.000	3.550	0.000	3.050	0.000	21.655	-
Total Quantity					122.305 Sqm (Sqm)		122.305 Sqm (Square Meter)	
Amount					122.305 X 70.08544099121		8571.80	
Total Amount							197260.18	
Addition								
Provision for PH Work (+) @								
Provision for EI Work (+) @								
Provision for Contingency (+) @							2000.00	
Display Citizen Board (+) @							730.00	
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								
Total Addition							2730.00	
Grand Net Total Amount							199990.18	

Gayatri Khatua
JE
Bhapur Block

Ritimukta Swain
AEE
Bhapur Block

SARADA PRASANNA PANDA
BDO
Bhapur Block