

Detailed Estimate

OD/359/3425/118918/415830/00065798 : Repair of AWC at Sirki
Block : G.Udayagiri, Gram Panchayat : Mallikapadi
Created By:PRAMOD KUMAR NAYAK

1. 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	L/Wall	2.000	20.500	0.750	1.500	0.000	46.125	-
ii	S/Wall	2.000	18.500	0.750	1.500	0.000	41.625	-
iii	c/s wall	1.000	9.000	0.750	1.500	0.000	10.125	-
iv	Pillar	1.000	1.250	1.250	9.250	0.000	14.453	-
v	Parapet	2.000	20.000	0.830	0.830	0.000	27.556	-
vi	Parapet	2.000	20.000	0.830	0.830	0.000	27.556	-
Total Quantity					167.440125 Cft (Cubic Foot)		4.7413685316 Cum (Cubic Meter)	
Amount					4.7413685316 X 5173.989255592		24531.79	
2. 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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	L/W	2.000	20.500	0.000	1.500	0.000	61.500	-
ii	s/w	2.000	18.500	0.000	1.500	0.000	55.500	-
iii	C/Wall	1.000	9.000	0.000	1.500	0.000	13.500	-

iv	Pillar	4.000	1.250	0.000	9.250	0.000	46.250	-
v	Parapet	2.000	20.000	0.000	0.830	0.000	33.200	-
vi	Parapet	2.000	20.000	0.000	0.830	0.000	33.200	-
Total Quantity					243.15 Sft (Square Foot)		22.58936445 Sqm (Square Meter)	
Amount					22.58936445 X 177.4649859488		4008.82	

3. 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	20.500	0.000	1.500	0.000	61.500	-
ii	s/w	2.000	18.500	0.000	1.500	0.000	55.500	-
iii	C/S Wall	1.000	9.000	0.000	1.500	0.000	13.500	-
Total Quantity					130.5 Sft (Square Foot)		12.1238415 Sqm (Square Meter)	
Amount					12.1238415 X 253.241344848		3070.26	

4. 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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Class Room	2.000	20.500	0.000	0.500	0.000	20.500	-
ii	Class Room	2.000	11.830	0.000	0.500	0.000	11.830	-
iii	Kitchen	2.000	9.000	0.000	0.500	0.000	9.000	-
iv	Kitchen	2.000	6.410	0.000	0.500	0.000	6.410	-

v	Back Side	1.000	6.000	0.000	0.500	0.000	3.000	-	
vi	Back Side	2.000	4.000	0.000	0.500	0.000	4.000	-	
vii	Verendah	1.000	20.500	0.000	0.500	0.000	10.250	-	
viii	Verendah	2.000	4.670	0.000	0.500	0.000	4.670	-	
ix	Pillar	4.000	1.250	0.000	0.500	0.000	2.500	-	
x	Door	4.000	3.000	0.000	0.500	0.000	-	6.000	
Total Quantity					66.16 Sft (Square Foot)		6.14646248 Sqm (Square Meter)		
Amount					6.14646248 X 1538.309507301		9455.16		

5. 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)

SI No	Description	No	L	B	D	CF	Quantity	Deduction	
i	Kitchen	1.000	9.000	6.410	0.000	0.000	57.690	-	
ii	Back Side	1.000	6.000	4.000	0.000	0.000	24.000	-	
iii	Verendah	1.000	20.500	4.670	0.000	0.000	95.735	-	
Total Quantity					177.425 Sft (Square Foot)		16.483314775 Sqm (Square Meter)		
Amount					16.483314775 X 1019.0136358594		16796.72		

6. Painting (AR0901ci) : Priming one coat with outer surface primer of approved quality oil-bound primer over plastering surfaces(Outer surface)

Priming one coat with outer surface primer of approved quality oil-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	Wall	1.000	29.250	0.000	10.000	0.000	292.500	-

ii	Wall	1.000	18.410	0.000	10.000	0.000	184.100	-	
iii	Room	2.000	20.500	0.000	10.000	0.000	410.000	-	
iv	Room	2.000	11.830	0.000	10.000	0.000	236.600	-	
v	Kitchen	2.000	8.910	0.000	10.000	0.000	178.200	-	
vi	Kitchen	2.000	6.410	0.000	10.000	0.000	128.200	-	
vii	Store	2.000	6.330	0.000	10.000	0.000	126.600	-	
viii	Store	2.000	3.910	0.000	10.000	0.000	78.200	-	
ix	Window	5.000	3.000	0.000	3.830	0.000	-	57.450	
x	Door	4.000	3.000	0.000	6.250	0.000	-	75.000	
Total Quantity					1501.95 Sft (Square Foot)		139.53566085 Sqm (Square Meter)		
Amount					139.53566085 X 68.99284786751		9626.96		

7. Painting (AR0918Ai) : Finishing wall one coat with weather coat

Finishing wall one coat with weather coat including all costs of labour, Paint, Primer and Brushes 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	1.000	29.250	0.000	10.000	0.000	292.500	-
ii	Wall	1.000	18.410	0.000	10.000	0.000	184.100	-
iii	Room	2.000	20.500	0.000	10.000	0.000	410.000	-
iv	Room	2.000	11.830	0.000	110.000	0.000	2602.600	-
v	Kitchen	2.000	8.910	0.000	10.000	0.000	178.200	-
vi	Kitchen	2.000	6.410	0.000	10.000	0.000	128.200	-
vii	Store	2.000	6.330	0.000	10.000	0.000	126.600	-
viii	Store	2.000	3.910	0.000	10.000	0.000	78.200	-

ix	Pillar	4.000	1.250	0.000	9.250	0.000	46.250	-
x	Window	5.000	3.000	0.000	3.830	0.000	-	57.450
xi	Door	4.000	3.000	0.000	6.250	0.000	-	75.000
Total Quantity					3914.2 Sft (Square Foot)		363.6409226 Sqm (Square Meter)	
Amount					363.6409226 X 57.09560199		20762.30	

8. Painting (AR0904) : Painting one coat of enamel on old wood work inner surface paint

Painting one coat of enamel on old wood work inner surface paint including all costs of labour, Paint, Primer and brushes and 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	Window	5.000	3.000	0.000	3.830	0.000	57.450	-
ii	Door	4.000	3.000	0.000	6.250	0.000	75.000	-
Total Quantity					132.45 Sft (Square Foot)		12.30500235 Sqm (Square Meter)	
Amount					12.30500235 X 106.56901029645		1311.33	

9. Iron Work (AR1701) : Labour for hoisting joints, trusses and placing in position

Labour for hoisting joints, trusses and placing in position with all cost of labour and 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	Frames	10.000	20.000	0.000	1.000	0.000	200.000	-
Total Quantity					200 Kg (Kilo Gram)		2 Qntl (Quintal)	
Amount					2 X 1174.1051181102		2348.21	
Total Amount							91911.56	
Addition								
Provision for PH Work (+) @								

Provision for EI Work (+) @	2088.00
Provision for Contingency (+) @	1000.00
Display Citizen Board (+) @	500.00
Any Other Lumpsum (+) @	4500.00
Provision for survey investigation and quality control (+) @	
Total Addition	8088.00
Grand Net Total Amount	99999.56

PRAMOD KUMAR NAYAK
JE
G.Udayagiri Block

ASIT KUMAR SETHY
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Sarata Kumar Mallik
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