

## Detailed Estimate

OD/356/3403/118505/400431/00074201 : Repair of Ambadula community center

Block : Sukinda, Gram Panchayat : Lambo

Created By: Smruti Sucharita Krishnamurty

<b>1. Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed</b>								
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	Room	1.000	4.000	4.500	0.450	0.000	8.100	-
ii	Store	1.000	3.050	2.700	0.450	0.000	3.706	-
iii	Verandah	1.000	1.550	1.550	0.450	0.000	1.081	-
Total Quantity					12.886875 cum (cum)		12.886875 Cum (Cubic Meter)	
Amount					12.886875 X 1172.653632		15111.84	
<b>2. Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal</b>								
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	Room	1.000	4.000	4.500	0.100	0.000	1.800	-
ii	Store	1.000	3.050	2.700	0.100	0.000	0.824	-
iii	Verandah	1.000	1.550	1.550	0.100	0.000	0.240	-
Total Quantity					2.86375 cum (cum)		2.86375 Cum (Cubic Meter)	
Amount					2.86375 X 6169.60243866		17668.20	
<b>3. Plastering (AR1004) : 12mm thick cement plster (1:6) over Brick work in inside</b>								

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	Front & back	2.000	7.800	0.000	3.350	0.000	52.260	-
ii	Side	2.000	5.000	0.000	3.350	0.000	33.500	-
Total Quantity					85.76 Sqm (Sqm)		85.76 Sqm (Square Meter)	
Amount					85.76 X 176.7923223532		15161.71	

**4. 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	2.000	4.000	0.000	3.040	0.000	24.320	-
ii		2.000	4.500	0.000	3.040	0.000	27.360	-
iii	Store	2.000	3.050	0.000	3.040	0.000	18.544	-
iv		2.000	2.700	0.000	3.040	0.000	16.416	-
v	verandah	2.000	1.550	0.000	3.040	0.000	9.424	-
vi		2.000	1.550	0.000	3.040	0.000	9.424	-
vii	Deduction	0.000	0.000	0.000	0.000	0.000	1.000	-
viii	Door	2.000	1.100	0.000	2.130	0.000	-	4.686
ix		3.000	1.100	0.000	1.200	0.000	-	3.960
x	V	4.000	0.300	0.000	0.300	0.000	-	0.360
Total Quantity					97.482 Sqm (Sqm)		97.482 Sqm (Square Meter)	
Amount					97.482 X 252.432756422		24607.65	

**5. 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	1.100	0.000	2.100	35.000	161.700	-
ii	Window	3.000	1.100	0.000	1.200	43.000	170.280	-
Total Quantity					331.98 Kg (Kilo Gram)		3.3198 Qntl (Quintal)	
Amount					3.3198 X 15784.618167087		52401.78	

**6. Painting (AR0918ca) : Finishing wall two coats with weather coat with one coat oilbound Primer**

Finishing wall surface two coats with weather coat with one coat oilbound Primer including all costs of labour, Paint, Primer, Brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Front & back	2.000	7.800	0.000	3.300	0.000	51.480	-
ii	Side	2.000	5.000	0.000	3.300	0.000	33.000	-
iii	Verandah opening	2.000	1.450	0.000	2.130	0.000	-	6.177
iv	Window	3.000	1.100	0.000	1.200	0.000	-	3.960
v	V	4.000	0.300	0.000	0.300	0.000	-	0.360
Total Quantity					73.983 Sqm (Sqm)		73.983 Sqm (Square Meter)	
Amount					73.983 X 156.65260631801		11589.63	

**7. Painting (AR0901d) : Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface)**

Priming one coat with inner surface primer of approved quality water-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	Room	2.000	4.000	0.000	3.040	0.000	24.320	-

ii		2.000	4.500	0.000	3.040	0.000	27.360	-
iii	Store	2.000	3.050	0.000	3.040	0.000	18.544	-
iv		2.000	2.700	0.000	3.040	0.000	16.416	-
v	Verandah	2.000	1.550	0.000	3.040	0.000	9.424	-
vi		2.000	1.550	0.000	3.040	0.000	9.424	-
vii	Door	2.000	1.100	0.000	2.130	0.000	4.686	-
viii	Window	3.000	1.100	0.000	1.200	0.000	3.960	-
ix	V	4.000	0.000	0.000	0.000	0.000	4.000	-
x	Verandah opening	0.000	0.000	0.000	0.000	0.000	1.000	-
Total Quantity					119.134 Sqm (Sqm)		119.134 Sqm (Square Meter)	
Amount					119.134 X 71.55157560551		8524.23	
<b>8. Painting (AR0920) : Finishing wall two coats with plastic emulsion paint of approved shades on new work (Inside)</b>								
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)								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Quantity same as Water bound primer	0.000	0.000	0.000	0.000	119.134	119.134	-
Total Quantity					119.134 Sqm (Sqm)		119.134 Sqm (Square Meter)	
Amount					119.134 X 94.7676397125		11290.05	
<b>9. Painting (AR0901b) : Priming one coat in inner surface with primer of approved quality over iron work.</b>								
Priming one coat in inner 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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction

i	Door	2.000	1.100	0.000	2.130	2.000	9.372	-
ii	Window	3.000	1.100	0.000	1.200	2.000	7.920	-
Total Quantity					17.292 Sqm (Sqm)		17.292 Sqm (Square Meter)	
Amount					17.292 X 66.00222847451		1141.31	
<b>10. Painting (AR0903i) : Painting two coats of enamel paint in outer surface paint (outer surface)</b>								
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)								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Quantity same as Primer over iron work	0.000	0.000	0.000	0.000	17.292	17.292	-
Total Quantity					17.292 Sqm (Sqm)		17.292 Sqm (Square Meter)	
Amount					17.292 X 163.59381277702		2828.86	
<b>11. Other Building Items. (AR1901B) : Vitrified Tile 600mmx600mm Plain Ivory</b>								
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	room	1.000	4.000	4.500	0.000	0.000	18.000	-
ii	Store	1.000	3.050	2.700	0.000	0.000	8.235	-
iii	Verandah	1.000	1.550	1.550	0.000	0.000	2.403	-
Total Quantity					28.6375 Sqm (Sqm)		28.6375 Sqm (Square Meter)	
Amount					28.6375 X 1017.6909725026		29144.13	
<b>12. 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)</b>								

Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm conforming 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	Room	2.000	4.000	0.000	0.150	0.000	1.200	-
ii		2.000	4.500	0.000	0.150	0.000	1.350	-
iii	Store	2.000	3.050	0.000	0.150	0.000	0.915	-
iv		2.000	2.700	0.000	0.150	0.000	0.810	-
v	Ver	1.000	1.550	0.000	0.150	0.000	0.233	-
vi		1.000	1.550	0.000	0.150	0.000	0.233	-
vii	Door	2.000	1.100	0.000	0.150	0.000	0.330	-
Total Quantity					5.07 Sqm (Sqm)		5.07 Sqm (Square Meter)	
Amount					5.07 X 1535.750153666		7786.25	
<b>Total Amount</b>							<b>197255.63</b>	
<b>Addition</b>								
Provision for PH Work (+) @								
Provision for EI Work (+) @								
Provision for Contingency (+) @							1972.56	
Display Citizen Board (+) @							771.00	
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								
<b>Total Addition</b>							<b>2743.56</b>	
<b>Grand Net Total Amount</b>							<b>199999.19</b>	

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