

## Detailed Estimate

**OD/356/3397/275267/401178/00066729 : COMPLETION OF SARALA MANDIRA CC**  
**Block : Dharmasala, Gram Panchayat : Kumari**  
**Created By: SANTOSHI PANDA**

<b>1. Masonry Brick Work (AR0603ci) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure</b>								
Brickwork with Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm <sup>2</sup> with dimensional tolerance $\pm 8$ 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	lwall	1.000	6.450	0.250	1.200	0.000	1.935	-
ii	s wall	1.000	8.380	0.250	1.200	0.000	2.514	-
iii	s wall	1.000	3.200	0.250	1.200	0.000	0.960	-
Total Quantity					5.409 cum (cum)		5.409 Cum (Cubic Meter)	
<b>Amount</b>					<b>5.409 X 4883.240060288</b>		<b>26413.45</b>	
<b>2. Plastering (AR1004) : 12mm thick cement plaster (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	lwall	1.000	6.450	1.200	0.000	0.000	7.740	-
ii	s wall	1.000	8.380	1.200	0.000	0.000	10.056	-
iii	s wall	1.000	3.200	1.200	0.000	0.000	3.840	-
Total Quantity					21.636 Sqm (Sqm)		21.636 Sqm (Square Meter)	
<b>Amount</b>					<b>21.636 X 169.5958077332</b>		<b>3669.37</b>	
<b>3. Plastering (AR1014) : 16mm thick cement Plaster in CM (1:6) over brick work in inside.</b>								

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	lwall	1.000	6.450	1.200	0.000	0.000	7.740	-
ii	s wall	1.000	8.380	1.200	0.000	0.000	10.056	-
iii	s wall	1.000	3.200	1.200	0.000	0.000	3.840	-
Total Quantity					21.636 Sqm (Sqm)		21.636 Sqm (Square Meter)	
<b>Amount</b>					<b>21.636 X 243.796458522</b>		<b>5274.78</b>	

**4. Plastering (AR1027) : 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping (Inside)**

6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside including chipping with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc comp. and as per the direction of the Engineer-in-charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	col	6.000	0.250	2.800	0.000	2.000	8.400	-
ii	col	6.000	0.375	2.800	0.000	2.000	12.600	-
iii	wall beam	2.000	6.450	0.250	0.000	1.000	3.225	-
iv	wall beam	2.000	6.450	0.250	0.000	2.000	6.450	-
v	w beam	2.000	8.380	0.250	0.000	1.000	4.190	-
vi	w beam	2.000	8.380	0.250	0.000	2.000	8.380	-
Total Quantity					43.245 Sqm (Sqm)		43.245 Sqm (Square Meter)	
<b>Amount</b>					<b>43.245 X 188.8528632088</b>		<b>8166.94</b>	

**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	room	1.000	6.200	4.060	0.000	0.000	25.172	-
ii	front verm	1.000	6.450	8.380	0.000	0.000	54.051	-
iii	Door portion	1.000	1.070	0.250	0.000	0.000	0.268	-
iv	Door portion	1.000	1.200	0.250	0.000	0.000	0.300	-
Total Quantity					79.7905 Sqm (Sqm)		79.7905 Sqm (Square Meter)	
Amount					79.7905 X 1003.5312088226		80072.26	

**6. Flooring (AR0816) : Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor**

Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1 (1cement: 1sand) jointed with neat cement slurry mixed with pigment to match the shades 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	step	11.000	1.370	0.300	0.000	0.000	4.521	-
ii		12.000	1.370	0.150	0.000	0.000	2.466	-
iii	landing	1.000	1.370	1.200	0.000	0.000	1.644	-
Total Quantity					8.631 Sqm (Sqm)		8.631 Sqm (Square Meter)	
Amount					8.631 X 1184.5413128908		10223.78	

**7. Flooring (AR0817bc) : Fixing Vitrified industrial Tile of premium grade having thickness 8mm to 10mm confirming to IS 4457 of size 300mmx300mm in wall cladding/ glazed tiles on 12mm thick cement plaster (1:3)**

Fixing Vitrified industrial Tile of premium grade having thickness 8mm to 10mm confirming to IS 4457 of size 300mmx300mm in wall cladding/ glazed tiles on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the Vitrified industrial tiles including rubbing and polishing complete including cost of precast tiles.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	room	2.000	6.200	1.200	0.000	0.000	14.880	-

ii	room	2.000	4.060	1.200	0.000	0.000	9.744	-
iii	front ver	2.000	6.450	1.200	0.000	0.000	15.480	-
iv	front ver	2.000	8.380	1.200	0.000	0.000	20.112	-
v	col	4.000	0.375	1.600	0.000	2.000	4.800	-
vi	col	4.000	0.250	1.600	0.000	2.000	3.200	-
Total Quantity					68.216 Sqm (Sqm)		68.216 Sqm (Square Meter)	
Amount					68.216 X 1048.973328136		71556.76	
<b>8. Iron Work (AR1704) : Iron Doors and windows fixing</b>								
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	window	2.000	1.200	1.200	0.000	30.000	86.400	-
Total Quantity					86.4 Kg (Kilo Gram)		0.864 Qntl (Quintal)	
Amount					0.864 X 15772.609267087		13627.53	
<b>9. Other Building Items. (AR1911) : Stainless steel of 304 grade in hand railing using 50mm dia of 2mm</b>								
Supplying, fitting and fixing of Stainless steel of 304 grade in hand railing using 50mm dia of 2mm thick circular pipe with Balustrade of size 32mm x 32mm x 2mm @ 0.90mtr. C/C and stainless square pipe bracing of size 32mm x 32mm x 2mm in 3 rows in staircase as per approved design and specification, buffing, polishing etc with cost, conveyance, taxes of all materials, labour, T&P etc. required for the complete in all respect. and as per direction of Engineer in Charge								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	railing	1.000	32.000	0.000	0.000	0.000	32.000	-
Total Quantity					32 Ft (Feet)		9.7535996878848 Rmt (Meter)	
Amount					9.7535996878848 X 3129.0244276074		30519.25	
<b>10. Painting (AR0901a) : Priming one coat in inner surface with primer of approved quality over woodwork</b>								

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	wall B	2.000	6.450	0.250	0.000	1.000	3.225	-
ii	Wall B	2.000	6.450	0.250	0.000	2.000	6.450	-
iii	Wall beam	2.000	8.380	0.250	0.000	1.000	4.190	-
iv	w beam	2.000	8.380	0.250	0.000	2.000	8.380	-
v	ceiling	1.000	6.200	4.060	0.000	0.000	25.172	-
vi	ceiling	1.000	6.450	8.380	0.000	0.000	54.051	-
vii	outside	2.000	6.950	3.650	0.000	0.000	50.735	-
viii	out side	2.000	4.570	3.650	0.000	0.000	33.361	-
ix	slab carnish	2.000	7.500	0.250	0.000	0.000	3.750	-
x		2.000	14.000	0.250	0.000	0.000	7.000	-
xi	Door	1.000	1.070	2.100	0.000	0.000	-	2.247
xii	Door	1.000	1.200	2.100	0.000	0.000	-	2.520
xiii	Window	2.000	1.200	1.200	0.000	0.000	-	2.880
Total Quantity					188.667 Sqm (Sqm)		188.667 Sqm (Square Meter)	
Amount					188.667 X 70.08544099121		13222.81	

**11. Other Building Items. (AR1902) : cement based wall putty (water based)**

Finishing surface of walls with cement based wall putty (water based) of approved make and finished smooth and even surface to receive painting including cost of scaffolding staging charges with cost of all materials taxes,labour,T&P,etc.complete. and as per the direction of Engineer in Charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	wall B	2.000	6.450	0.250	0.000	1.000	3.225	-

ii	Wall B	2.000	6.450	0.250	0.000	2.000	6.450	-
iii	Wall beam	2.000	8.380	0.250	0.000	1.000	4.190	-
iv	w beam	2.000	8.380	0.250	0.000	2.000	8.380	-
v	ceiling	1.000	6.200	4.060	0.000	0.000	25.172	-
vi	ceiling	1.000	6.450	8.380	0.000	0.000	54.051	-
vii	Door	1.000	1.070	2.100	0.000	0.000	-	2.247
viii	Door	1.000	1.200	2.100	0.000	0.000	-	2.520
ix	Window	2.000	1.200	1.200	0.000	0.000	-	2.880
Total Quantity					93.821 Sqm (Sqm)		93.821 Sqm (Square Meter)	
Amount					93.821 X 79.21834		7432.34	
<b>12. 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)								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	wall B	2.000	6.450	0.250	0.000	1.000	3.225	-
ii	Wall B	2.000	6.450	0.250	0.000	2.000	6.450	-
iii	Wall beam	2.000	8.380	0.250	0.000	1.000	4.190	-
iv	w beam	2.000	8.380	0.250	0.000	2.000	8.380	-
v	ceiling	1.000	6.200	4.060	0.000	0.000	25.172	-
vi	ceiling	1.000	6.450	8.380	0.000	0.000	54.051	-
vii	Door	1.000	1.070	2.100	0.500	0.000	-	1.124
viii	Door	1.000	1.200	2.100	0.500	0.000	-	1.260
ix	Window	2.000	1.200	1.200	0.500	0.000	-	1.440

Total Quantity			97.6445 Sqm (Sqm)				97.6445 Sqm (Square Meter)	
Amount			97.6445 X 94.7526285875				9252.07	
<b>13. Painting (AR0918f) : Finishing wall with two coat weather coat paint of approved shade in the outer surface of old work(Outside)</b>								
Finishing wall with two coat weather coat paint of approved shade 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	out side	2.000	6.950	3.650	0.000	0.000	50.735	-
ii	out side	2.000	4.570	3.650	0.000	0.000	33.361	-
iii	carnish	2.000	7.500	0.250	0.000	0.000	3.750	-
iv	carnish	2.000	14.000	0.250	0.000	0.000	7.000	-
v	Door	1.000	1.070	2.100	0.500	0.000	-	1.124
vi	Door	1.000	1.200	2.100	0.500	0.000	-	1.260
vii	Window	2.000	1.200	1.200	0.500	0.000	-	1.440
Total Quantity			91.0225 Sqm (Sqm)				91.0225 Sqm (Square Meter)	
Amount			91.0225 X 87.6397035875				7977.18	
<b>Total Amount</b>							<b>287408.54</b>	
<b>Addition</b>								
Provision for PH Work (+) @								
Provision for EI Work (+) @							9591.46	
Provision for Contingency (+) @							1500.00	
Display Citizen Board (+) @							1500.00	

Any Other Lumpsum (+) @	
Provision for survey investigation and quality control (+) @	
<b>Total Addition</b>	<b>12591.46</b>
<b>Grand Net Total Amount</b>	<b>300000.00</b>

**SANTOSHI PANDA**  
**JE**  
**Dharmasala Block**

**RAJAT KUMAR MOHAPATRA**  
**AEE**  
**Dharmasala Block**

**Jyotirmaya Kar**  
**BDO**  
**Dharmasala Block**