

Detailed Estimate

OD/346/3299/116066/392691/00064142 : Completion of Mardaraj Community Center, Parikul, GP: Buanl
Block : Baleshwar, Gram Panchayat : Buanl
Created By:NIHARIKA MOHAPATRA

| 1. Plastering (AR1004) : 12mm thick cement plster (1:6) over Brick work in inside | | | | | | | | |
|---|-------------|-------|--------|--------|--|-------|--------------------------------|-----------|
| 12mm thick cement plster (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 | Wall | 2.000 | 17.000 | 10.000 | 0.000 | 0.000 | 340.000 | - |
| ii | Door | 0.500 | 3.500 | 6.000 | 0.000 | 0.000 | - | 10.500 |
| iii | Window | 0.500 | 2.500 | 3.000 | 0.000 | 0.000 | - | 3.750 |
| Total Quantity | | | | | 325.75 Sft (Square Foot) | | 30.26315225 Sqm (Square Meter) | |
| Amount | | | | | 30.26315225 X 173.266763914 | | 5243.60 | |
| 2. 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 | Wall | 2.000 | 13.660 | 10.000 | 0.000 | 0.000 | 273.200 | - |
| ii | Wall | 8.000 | 0.830 | 10.000 | 0.000 | 0.000 | 66.400 | - |
| iii | Door | 0.500 | 3.500 | 6.000 | 0.000 | 0.000 | - | 10.500 |
| iv | Window | 0.500 | 2.500 | 3.000 | 0.000 | 0.000 | 3.750 | - |
| Total Quantity | | | | | 332.85 Sft (Square Foot) | | 30.92276355 Sqm (Square Meter) | |
| Amount | | | | | 30.92276355 X 248.20128749 | | 7675.07 | |

3. 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.

| SI No | Description | No | L | B | D | CF | Quantity | Deduction |
|----------------|-------------|-------|--------|-------|---------------------------------------|-------|-------------------------------|-----------|
| i | Celling | 1.000 | 7.000 | 8.330 | 0.000 | 0.000 | 58.310 | - |
| ii | Celling | 1.000 | 5.000 | 8.330 | 0.000 | 0.000 | 41.650 | - |
| iii | Cornice | 2.000 | 24.000 | 0.830 | 0.000 | 0.000 | 39.840 | - |
| Total Quantity | | | | | 139.8 Sft (Square Foot) | | 12.9878394 Sqm (Square Meter) | |
| Amount | | | | | 12.9878394 X 190.534689676 | | 2474.63 | |

4. Plastering (AR1017) : 20mm thick cement Plaster in CM (1:4) over masonry work in inside.

20mm thick cement Plaster in CM (1:4) over stone 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 | Over Top Of Roof | 1.000 | 13.000 | 11.000 | 0.000 | 0.000 | 143.000 | - |
| Total Quantity | | | | | 143 Sft (Square Foot) | | 13.285129 Sqm (Square Meter) | |
| Amount | | | | | 13.285129 X 271.888540952 | | 3612.07 | |

5. 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 | Floor | 1.000 | 13.000 | 11.000 | 0.000 | 0.000 | 143.000 | - |

| | | |
|----------------|-------------------------------|------------------------------|
| Total Quantity | 143 Sft (Square Foot) | 13.285129 Sqm (Square Meter) |
| Amount | 13.285129 X 1528.540880726 | 20306.86 |

6. Masonry Brick Work (AR0603b) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth

Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth having crushing strength not less than 75.00 Kg/cm² 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 | Parapit | 2.000 | 12.000 | 0.830 | 2.000 | 0.000 | 39.840 | - |
| ii | Parapit | 2.000 | 8.660 | 0.830 | 2.000 | 0.000 | 28.751 | - |
| Total Quantity | | | | | 68.5912 Cft (Cubic Foot) | | 1.94228329216 Cum (Cubic Meter) | |
| Amount | | | | | 1.94228329216 X 5139.59283376 | | 9982.55 | |

7. Other Building Items. (AR1907) : aluminum sliding window (sliding type)

Supplying, fitting, fixing up window (sliding type) made up aluminum Section 9778, as windows frame, section No. 4095, 4096 and 9777, 3994 as shutter frame with 5mm thick black glass as panel fitted with rubber beading including locking arrangement including all fitting including cost of materials all taxes labour, T&P etc. complete as per direction of Engineer-in-charge.

| SI No | Description | No | L | B | D | CF | Quantity | Deduction |
|----------------|-------------|-------|-------|-------|--------------------------------|-------|------------------------------|-----------|
| i | Window | 1.000 | 2.500 | 3.000 | 0.000 | 0.000 | 7.500 | - |
| Total Quantity | | | | | 7.5 Sft (Square Foot) | | 0.6967725 Sqm (Square Meter) | |
| Amount | | | | | 0.6967725 X 4152.7950064027 | | 2893.55 | |

8. Other Building Items. (AR1911) : Stainless steel of 304 grade in hand railing using 50mm dia of 2mm

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

| SI No | Description | No | L | B | D | CF | Quantity | Deduction | |
|--|-------------|--------|-------|-------|--------------------------------|-------|--------------------------|-----------|--|
| i | Railling | 1.000 | 6.000 | 0.330 | 0.000 | 0.000 | 1.980 | - | |
| Total Quantity | | | | | 1.98 ft (Feet) | | 6.4960632 Rmt (Meter) | | |
| Amount | | | | | 6.4960632 X 3129.0244276074 | | 20326.34 | | |
| 9. 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 | Wall | 74.180 | 0.000 | 0.000 | 0.000 | 0.000 | 74.180 | - | |
| Total Quantity | | | | | 74.18 Sqm (Sqm) | | 74.18 Sqm (Square Meter) | | |
| Amount | | | | | 74.18 X 71.84358555311 | | 5329.36 | | |
| 10. Painting (AR0920) : Finishing wall two coats with plastic emulsion paint of approved shades on new work (Inside) | | | | | | | | | |
| 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 | Wall | 74.180 | 0.000 | 0.000 | 0.000 | 0.000 | 74.180 | - | |
| Total Quantity | | | | | 74.18 Sqm (Sqm) | | 74.18 Sqm (Square Meter) | | |
| Amount | | | | | 74.18 X 94.769140825 | | 7029.97 | | |
| 11. 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 | 4.000 | 10.000 | 8.000 | 0.000 | 0.000 | 320.000 | - |
| Total Quantity | | | | | 320 Sft (Square Foot) | | 29.72896 Sqm (Square Meter) | |
| Amount | | | | | 29.72896 X 880.589184194 | | 26179.00 | |
| 12. Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal | | | | | | | | |
| Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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 | Road | 1.000 | 25.000 | 8.000 | 0.330 | 0.000 | 66.000 | - |
| Total Quantity | | | | | 66 Cft (Cubic Foot) | | 1.8689088 Cum (Cubic Meter) | |
| Amount | | | | | 1.8689088 X 5998.8506307 | | 11211.30 | |
| 13. Concrete (AR0307a) : Cement concrete (1:2:4)with 12mm size hard granite(Hand broken)chips per 1cum | | | | | | | | |
| Cement concrete work with (1:2:4) using 12mm size hard granite(hand broken) chips including hoisting and laying in position compacting to proper thickness 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. | | | | | | | | |
| SI No | Description | No | L | B | D | CF | Quantity | Deduction |
| i | Road | 1.000 | 25.000 | 8.000 | 0.250 | 0.000 | 50.000 | - |
| Total Quantity | | | | | 50 Cft (Cubic Foot) | | 1.41584 Cum (Cubic Meter) | |
| Amount | | | | | 1.41584 X 7313.8009609 | | 10355.17 | |
| Total Amount | | | | | | | 132619.49 | |
| Addition | | | | | | | | |
| Provision for PH Work (+) @ | | | | | | | | |
| Provision for EI Work (+) @ | | | | | | | 13380.00 | |
| Provision for Contingency (+) @ | | | | | | | 1500.00 | |

| | |
|--|------------------|
| Display Citizen Board (+) @ | 1000.00 |
| Any Other Lumpsum (+) @ | 1500.00 |
| Provision for survey investigation and quality control (+) @ | |
| Total Addition | 17380.00 |
| Grand Net Total Amount | 149999.49 |

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