

Detailed Estimate

OD/363/3472/119812/428106/00069073 : const of additional classroom at kasamguda school

Block : Kotpad, Gram Panchayat : Batasona

Created By:manoranjan das

| 1. Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed | | | | | | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------|-------|-------|----------------------|-------|---------------------------|-----------|
| 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 | column | 9.000 | 1.200 | 1.200 | 0.100 | 0.000 | 1.296 | - |
| ii | L.wall | 2.000 | 6.930 | 0.600 | 0.100 | 0.000 | 0.832 | - |
| iii | S.wall | 2.000 | 5.130 | 0.600 | 0.100 | 0.000 | 0.616 | - |
| iv | | 2.000 | 1.130 | 0.600 | 0.600 | 0.000 | 0.814 | - |
| v | Room | 1.000 | 6.100 | 5.500 | 0.300 | 0.000 | 10.065 | - |
| vi | Ver | 1.000 | 6.100 | 1.500 | 0.300 | 0.000 | 2.745 | - |
| vii | Column | 9.000 | 1.200 | 0.600 | 0.100 | 0.000 | - | 0.648 |
| viii | | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 1.000 | - |
| Total Quantity | | | | | 16.7188 cum (cum) | | 16.7188 Cum (Cubic Meter) | |
| Amount | | | | | 16.7188 X 670.693732 | | 11213.19 | |
| 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 | Column | 9.000 | 1.200 | 1.200 | 0.150 | 0.000 | 1.944 | - |
| ii | L.wall | 2.000 | 6.930 | 0.600 | 0.150 | 0.000 | 1.247 | - |

| | | | | | | | | | |
|----------------|--------|-------|-------|-------|------------------------|-------|--------------------------|-------|--|
| iii | S.wall | 2.000 | 5.130 | 0.600 | 0.150 | 0.000 | 0.923 | - | |
| iv | | 2.000 | 1.130 | 0.600 | 0.150 | 0.000 | 0.203 | - | |
| v | Room | 1.000 | 6.100 | 5.500 | 0.100 | 0.000 | 3.355 | - | |
| vi | Ver | 1.000 | 6.100 | 1.500 | 0.100 | 0.000 | 0.915 | - | |
| vii | Column | 9.000 | 1.200 | 0.600 | 0.150 | 0.000 | - | 0.972 | |
| Total Quantity | | | | | 7.6162 cum (cum) | | 7.6162 Cum (Cubic Meter) | | |
| Amount | | | | | 7.6162 X 5767.80517594 | | 43928.76 | | |

3. 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 | Room | 2.000 | 6.560 | 0.000 | 3.000 | 0.000 | 39.360 | - | |
| ii | | 2.000 | 5.960 | 0.000 | 3.000 | 0.000 | 35.760 | - | |
| iii | Door | 2.000 | 0.900 | 0.000 | 2.100 | 0.000 | - | 3.780 | |
| iv | Window | 2.000 | 1.200 | 0.000 | 1.200 | 0.000 | - | 2.880 | |
| Total Quantity | | | | | 68.46 Sqm (Sqm) | | 68.46 Sqm (Square Meter) | | |
| Amount | | | | | 68.46 X 169.5686695988 | | 11608.67 | | |

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 | 6.100 | 0.000 | 3.000 | 0.000 | 36.600 | - |
| ii | | 2.000 | 5.500 | 0.000 | 3.000 | 0.000 | 33.000 | - |
| iii | Door | 2.000 | 0.900 | 0.000 | 2.100 | 0.000 | - | 3.780 |

| iv | WD | 2.000 | 1.200 | 0.000 | 1.200 | 0.000 | - | 2.880 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------|-------|-------|------------------------|-------|--------------------------|-----------|
| Total Quantity | | | | | 62.94 Sqm (Sqm) | | 62.94 Sqm (Square Meter) | |
| Amount | | | | | 62.94 X 243.764731998 | | 15342.55 | |
| 5. R.C.C. Work (AR0409) : Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position | | | | | | | | |
| Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge. | | | | | | | | |
| SI No | Description | No | L | B | D | CF | Quantity | Deduction |
| i | Column Base | 1.000 | 3.970 | 0.000 | 0.000 | 0.500 | 1.985 | - |
| ii | Coulmn | 1.000 | 2.900 | 0.000 | 0.000 | 1.770 | 5.133 | - |
| iii | Plinth Beam | 1.000 | 1.620 | 0.000 | 0.000 | 0.700 | 1.134 | - |
| iv | Wall beam | 1.000 | 2.350 | 0.000 | 0.000 | 1.770 | 4.160 | - |
| v | Lintel | 1.000 | 1.120 | 0.000 | 0.000 | 1.100 | 1.232 | - |
| vi | Slab | 1.000 | 5.480 | 0.000 | 0.000 | 0.880 | 4.822 | - |
| Total Quantity | | | | | 18.4659 Qntl (Quintal) | | 18.4659 Qntl (Quintal) | |
| Amount | | | | | 18.4659 X 8683.1421747 | | 160342.04 | |
| 6. 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 | Foundation | 2.000 | 6.780 | 0.000 | 0.300 | 0.000 | 4.068 | - |
| ii | | 2.000 | 6.180 | 0.000 | 0.300 | 0.000 | 3.708 | - |
| Total Quantity | | | | | 7.776 Sqm (Sqm) | | 7.776 Sqm (Square Meter) | |
| Amount | | | | | 7.776 X 267.4139244584 | | 2079.41 | |

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 specification and direction of Engineer-in charge. (new work)

| SI No | Description | No | L | B | D | CF | Quantity | Deduction |
|----------------|-------------|-------|-------|-------|-----------------------------|-------|----------------------------|-----------|
| i | Over Slab | 1.000 | 6.860 | 7.990 | 0.000 | 0.000 | 54.811 | - |
| Total Quantity | | | | | 54.8114 Sqm (Sqm) | | 54.8114 Sqm (Square Meter) | |
| Amount | | | | | 54.8114 X 356.1098540188 | | 19518.88 | |

8. R.C.C. Work (AR0404Aa) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips

Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC foundation, footing bases of column, mass concrete, pre-cast slabs etc.)

| SI No | Description | No | L | B | D | CF | Quantity | Deduction |
|----------------|-------------|-------|-------|-------|--------------------------------|-------|-----------------------------|-----------|
| i | Column Base | 9.000 | 1.200 | 1.200 | 0.200 | 0.000 | 2.592 | - |
| ii | Chunch | 9.000 | 0.715 | 0.715 | 0.300 | 0.000 | 1.380 | - |
| Total Quantity | | | | | 3.9723075 cum (cum) | | 3.9723075 Cum (Cubic Meter) | |
| Amount | | | | | 3.9723075 X 6299.9839486859 | | 25025.47 | |

9. R.C.C. Work (AR0404Ab) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips

Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Plinth band)

| SI No | Description | No | L | B | D | CF | Quantity | Deduction |
|-------|-------------|-------|-------|-------|-------|-------|----------|-----------|
| i | Plinth | 3.000 | 6.560 | 0.230 | 0.230 | 0.000 | 1.041 | - |
| ii | | 2.000 | 5.500 | 0.230 | 0.230 | 0.000 | 0.582 | - |

| iii | | 2.000 | 1.500 | 0.230 | 0.230 | 0.000 | 0.159 | - |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------|-------|-------|-------------------------------|-------|----------------------------|-----------|
| Total Quantity | | | | | 1.781672 cum (cum) | | 1.781672 Cum (Cubic Meter) | |
| Amount | | | | | 1.781672 X 7057.358195014 | | 12573.90 | |
| 10. R.C.C. Work (AR0404Ac) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips | | | | | | | | |
| Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite 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. (including centring and shuttering) complete and as per direction of Engineer-in charge. (RCC Beams, Column, Girder & Bressmer etc) | | | | | | | | |
| SI No | Description | No | L | B | D | CF | Quantity | Deduction |
| i | Column | 3.000 | 0.230 | 0.230 | 3.720 | 0.000 | 0.590 | - |
| ii | | 6.000 | 0.450 | 0.230 | 3.720 | 0.000 | 2.310 | - |
| iii | Wall Beam | 3.000 | 6.560 | 0.230 | 0.230 | 0.000 | 1.041 | - |
| iv | | 2.000 | 5.500 | 0.230 | 0.230 | 0.000 | 0.582 | - |
| v | | 2.000 | 1.500 | 0.230 | 0.230 | 0.000 | 0.159 | - |
| vi | T,Beam | 1.000 | 5.500 | 0.230 | 0.450 | 0.000 | 0.569 | - |
| Total Quantity | | | | | 5.251406 cum (cum) | | 5.251406 Cum (Cubic Meter) | |
| Amount | | | | | 5.251406 X 14359.673469141 | | 75408.48 | |
| 11. R.C.C. Work (AR0404Ad) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips | | | | | | | | |
| Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Lintels) | | | | | | | | |
| SI No | Description | No | L | B | D | CF | Quantity | Deduction |
| i | Lintel | 2.000 | 6.560 | 0.230 | 0.150 | 0.000 | 0.453 | - |
| ii | | 1.000 | 6.560 | 0.230 | 0.230 | 0.000 | 0.347 | - |

| | | | | | | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------|-------|-------|-------------------------------|-------|----------------------------|-----------|
| iii | | 2.000 | 5.500 | 0.230 | 0.150 | 0.000 | 0.380 | - |
| iv | | 2.000 | 1.500 | 0.230 | 0.150 | 0.000 | 0.104 | - |
| Total Quantity | | | | | 1.282664 cum (cum) | | 1.282664 Cum (Cubic Meter) | |
| Amount | | | | | 1.282664 X 12969.972380699 | | 16636.12 | |
| 12. R.C.C. Work (AR0404Ag) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips | | | | | | | | |
| Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, landing, balcony, sun shade) | | | | | | | | |
| SI No | Description | No | L | B | D | CF | Quantity | Deduction |
| i | Slab | 1.000 | 6.860 | 7.990 | 0.100 | 0.000 | 5.481 | - |
| Total Quantity | | | | | 5.48114 cum (cum) | | 5.48114 Cum (Cubic Meter) | |
| Amount | | | | | 5.48114 X 12607.726304103 | | 69104.71 | |
| 13. R.C.C. Work (AR0404Bf) : Reinforced cement concrete work of M-20 grade with 20mm & downgrade size black hard crusher broken granite chips | | | | | | | | |
| Reinforced cement concrete work of M-20 grade with 20mm & downgrade size black hard crusher broken granite 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Sun sheds & Chajja)(Nominal mix as per IS-456, Table-9). | | | | | | | | |
| SI No | Description | No | L | B | D | CF | Quantity | Deduction |
| i | Chajja | 1.000 | 6.560 | 0.600 | 0.000 | 0.000 | 3.936 | - |
| ii | | 2.000 | 1.500 | 0.600 | 0.000 | 0.000 | 1.800 | - |
| Total Quantity | | | | | 5.736 Sqm (Sqm) | | 5.736 Sqm (Square Meter) | |
| Amount | | | | | 5.736 X 1102.958934666 | | 6326.57 | |
| 14. 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.

| Sl No | Description | No | L | B | D | CF | Quantity | Deduction |
|----------------|-------------|-------|-------|-------|-------------------------------|-------|-----------------------------|-----------|
| i | F.Wall | 3.000 | 6.780 | 0.450 | 0.750 | 0.000 | 6.865 | - |
| ii | | 2.000 | 5.280 | 0.450 | 0.750 | 0.000 | 3.564 | - |
| iii | | 2.000 | 1.280 | 0.450 | 0.750 | 0.000 | 0.864 | - |
| iv | Column | 9.000 | 0.230 | 0.230 | 0.750 | 0.000 | - | 0.357 |
| Total Quantity | | | | | 10.935675 cum (cum) | | 10.935675 Cum (Cubic Meter) | |
| Amount | | | | | 10.935675 X 5112.312090592 | | 55906.58 | |

15. Masonry Brick Work (AR0603c) : Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth

Brickwork with Flyash Bricks of size (23cm x 11cm 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.

| Sl No | Description | No | L | B | D | CF | Quantity | Deduction |
|----------------|----------------|-------|-------|-------|-------------------------------|-------|-----------------------------|-----------|
| i | Brick Masonary | 3.000 | 6.560 | 0.230 | 2.770 | 0.000 | 12.538 | - |
| ii | | 2.000 | 5.500 | 0.230 | 2.770 | 0.000 | 7.008 | - |
| iii | | 2.000 | 1.500 | 0.230 | 2.770 | 0.000 | 1.911 | - |
| iv | | 1.000 | 6.000 | 0.230 | 2.100 | 0.000 | - | 2.898 |
| v | Door | 2.000 | 0.900 | 0.230 | 2.100 | 0.000 | - | 0.869 |
| vi | W/D | 2.000 | 1.200 | 0.230 | 1.200 | 0.000 | - | 0.662 |
| Total Quantity | | | | | 17.027728 cum (cum) | | 17.027728 Cum (Cubic Meter) | |
| Amount | | | | | 17.027728 X 5095.049170592 | | 86757.11 | |

16. 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 | 6.100 | 5.500 | 0.000 | 0.000 | 33.550 | - |
| ii | ver | 1.000 | 6.100 | 1.500 | 0.000 | 0.000 | 9.150 | - |
| iii | | 2.000 | 6.100 | 0.600 | 0.000 | 0.000 | 7.320 | - |
| iv | | 2.000 | 5.500 | 0.600 | 0.000 | 0.000 | 6.600 | - |
| v | | 2.000 | 1.500 | 0.200 | 0.000 | 0.000 | 0.600 | - |
| Total Quantity | | | | | 57.22 Sqm (Sqm) | | 57.22 Sqm (Square Meter) | |
| Amount | | | | | 57.22 X 1009.8759810294 | | 57785.10 | |

17. 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 | Room | 2.000 | 6.100 | 0.000 | 3.000 | 0.000 | 36.600 | - |
| ii | | 2.000 | 5.500 | 0.000 | 3.000 | 0.000 | 33.000 | - |
| iii | Cilling | 1.000 | 6.100 | 5.500 | 0.000 | 0.000 | 33.550 | - |
| iv | Door | 2.000 | 0.900 | 0.000 | 2.100 | 0.000 | - | 3.780 |
| v | WD | 2.000 | 1.200 | 0.000 | 1.200 | 0.000 | - | 2.880 |
| Total Quantity | | | | | 96.49 Sqm (Sqm) | | 96.49 Sqm (Square Meter) | |
| Amount | | | | | 96.49 X 94.775145275 | | 9144.85 | |

18. 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 | Room | 2.000 | 6.100 | 0.000 | 3.000 | 0.000 | 36.600 | - |
| ii | | 2.000 | 5.500 | 0.000 | 3.000 | 0.000 | 33.000 | - |
| iii | cilling | 1.000 | 6.100 | 5.500 | 0.000 | 0.000 | 33.550 | - |
| iv | ver | 1.000 | 6.100 | 0.000 | 3.000 | 0.000 | 18.300 | - |
| v | | 2.000 | 1.500 | 0.000 | 3.000 | 0.000 | 9.000 | - |
| vi | ver cilling | 1.000 | 6.100 | 1.500 | 0.000 | 0.000 | 9.150 | - |
| vii | Door | 2.000 | 0.900 | 0.000 | 2.100 | 0.000 | - | 3.780 |
| viii | w/d | 2.000 | 1.200 | 0.000 | 1.200 | 0.000 | - | 2.880 |
| Total Quantity | | | | | 132.94 Sqm (Sqm) | | 132.94 Sqm (Square Meter) | |
| Amount | | | | | 132.94 X 79.21834 | | 10531.29 | |

19. Painting (AR0918cb) : Finishing wall two coats with weather coat with one coat waterbound Primer

Finishing wall two coats with weather coat with one coat waterbound 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 | Room | 2.000 | 6.560 | 0.000 | 3.000 | 0.000 | 39.360 | - |
| ii | | 2.000 | 7.690 | 0.000 | 3.000 | 0.000 | 46.140 | - |
| iii | Door | 2.000 | 0.900 | 0.000 | 1.200 | 0.000 | - | 2.160 |
| iv | Window | 2.000 | 1.200 | 0.000 | 1.200 | 0.000 | - | 2.880 |
| Total Quantity | | | | | 80.46 Sqm (Sqm) | | 80.46 Sqm (Square Meter) | |
| Amount | | | | | 80.46 X 160.75408487694 | | 12934.27 | |

20. 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 | 0.900 | 2.100 | 40.000 | 0.000 | 151.200 | - |
| ii | Window | 2.000 | 1.200 | 1.200 | 43.000 | 0.000 | 123.840 | - |
| Total Quantity | | | | | 275.04 Kg (Kilo Gram) | | 2.7504 Qntl (Quintal) | |
| Amount | | | | | 2.7504 X 16013.822921087 | | 44044.42 | |

21. Painting (AR0903b) : Painting two coats of enamel paint with a coat of red oxide primer over iron surface

Painting two coats of enamel paint with a coat of red oxide primer over iron surface including all costs of labour, Paint, Primer, brushes and putty 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 | WD | 2.000 | 1.200 | 0.000 | 1.200 | 0.000 | 2.880 | - |
| ii | Door | 2.000 | 0.900 | 0.000 | 2.100 | 0.000 | 3.780 | - |
| Total Quantity | | | | | 6.66 Sqm (Sqm) | | 6.66 Sqm (Square Meter) | |
| Amount | | | | | 6.66 X 230.04864401703 | | 1532.12 | |

22. 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

| SI No | Description | No | L | B | D | CF | Quantity | Deduction |
|-------|-------------|-------|-------|-------|-------|-------|----------|-----------|
| i | Column | 9.000 | 1.200 | 1.200 | 1.200 | 0.000 | 15.552 | - |
| ii | L.Wall | 2.000 | 6.930 | 0.600 | 0.600 | 0.000 | 4.990 | - |
| iii | S.Wall | 2.000 | 5.130 | 0.600 | 0.600 | 0.000 | 3.694 | - |
| iv | | 2.000 | 1.130 | 0.600 | 0.600 | 0.000 | 0.814 | - |
| v | Column | 9.000 | 1.200 | 0.600 | 0.600 | 0.000 | - | 3.888 |

| | | |
|--------------------------------------------------------------|---------------------|---------------------------|
| Total Quantity | 21.1608 cum (cum) | 21.1608 Cum (Cubic Meter) |
| Amount | 21.1608 X 240.77592 | 5095.01 |
| Total Amount | | 752839.52 |
| Addition | | |
| Provision for PH Work (+) @ | | |
| Provision for EI Work (+) @ | | 34160.00 |
| Provision for Contingency (+) @ | | 8000.00 |
| Display Citizen Board (+) @ | | 5000.00 |
| Any Other Lumpsum (+) @ | | |
| Provision for survey investigation and quality control (+) @ | | |
| Total Addition | | 47160.00 |
| Grand Net Total Amount | | 799999.52 |

manoranjn das
JE
Kotpad Block

Satyanarayan Sethy
AEE
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SANDHYA SAMARATH
BDO
Kotpad Block