

Detailed Estimate

OD/369/3545/275344/409735/00070053 : Repair and renovation of of barabodia jena sahi primary school, ganga narayanpur

Block : Sadar, Gram Panchayat : Ganganarayanpur

Created By:Lipi mohapatra

| 1. R.C.C. Work (AR0410a) : Centring & Shuttering for R.C.C. floor and roof slabs, landings, balconies, projecting sun shades and chajjas | | | | | | | | |
|--|-------------|-------|-------|-------|-----------------------|-------|----------------------------|-----------|
| Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. floor and roof slabs, landings, balconies, projecting sun shades and chajjas up to 4.3m height | | | | | | | | |
| Sl No | Description | No | L | B | D | CF | Quantity | Deduction |
| i | slab | 1.000 | 9.600 | 7.700 | 1.000 | 0.000 | 73.920 | - |
| Total Quantity | | | | | 73.92 Sqm (Sqm) | | 73.92 Sqm (Square Meter) | |
| Amount | | | | | 73.92 X 662.689943368 | | 48986.04 | |
| 2. R.C.C. Work (AR0404A) : 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. complete and as per direction of Engineer-in charge. (excluding centring and shuttering) | | | | | | | | |
| Sl No | Description | No | L | B | D | CF | Quantity | Deduction |
| i | beam | 2.000 | 7.100 | 0.250 | 0.250 | 0.000 | 0.888 | - |
| ii | beam | 2.000 | 9.000 | 0.250 | 0.250 | 0.000 | 1.125 | - |
| iii | beam | 1.000 | 6.600 | 0.250 | 0.250 | 0.000 | 0.413 | - |
| iv | beam | 1.000 | 4.500 | 0.250 | 0.250 | 0.000 | 0.281 | - |
| v | beam | 1.000 | 4.500 | 0.250 | 0.300 | 0.000 | 0.338 | - |
| vi | slab | 1.000 | 9.600 | 7.700 | 0.130 | 0.000 | 9.610 | - |
| Total Quantity | | | | | 12.65335 cum (cum) | | 12.65335 Cum (Cubic Meter) | |

| Amount | | | | | 12.65335 X 6201.0286716618 | | 78463.79 | |
|--|-------------|-------|-------|-------|-------------------------------|-------|-----------------------------|-----------|
| 3. 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. | | | | | | | | |
| Sl No | Description | No | L | B | D | CF | Quantity | Deduction |
| i | wall | 2.000 | 9.000 | 0.250 | 0.850 | 0.000 | 3.825 | - |
| ii | wall | 2.000 | 7.100 | 0.250 | 0.850 | 0.000 | 3.018 | - |
| iii | wall | 1.000 | 4.500 | 0.250 | 0.850 | 0.000 | 0.956 | - |
| iv | Column | 5.000 | 0.250 | 0.250 | 0.850 | 0.000 | - | 0.266 |
| v | column | 7.000 | 0.250 | 0.375 | 0.850 | 0.000 | - | 0.558 |
| Total Quantity | | | | | 6.9753125 cum (cum) | | 6.9753125 Cum (Cubic Meter) | |
| Amount | | | | | 6.9753125 X 5092.560219512 | | 35522.20 | |
| 4. R.C.C. Work (AR0410d) : Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting | | | | | | | | |
| Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. beams, column, girder and bressmer, etc. Data for 4.2sqm | | | | | | | | |
| Sl No | Description | No | L | B | D | CF | Quantity | Deduction |
| i | beam | 2.000 | 2.000 | 7.100 | 0.250 | 0.000 | 7.100 | - |
| ii | beam | 2.000 | 2.000 | 9.000 | 0.250 | 0.000 | 9.000 | - |
| iii | beam | 1.000 | 2.000 | 6.600 | 0.250 | 0.000 | 3.300 | - |
| iv | beam | 1.000 | 2.000 | 4.500 | 0.250 | 0.000 | 2.250 | - |
| v | beam | 1.000 | 1.000 | 4.500 | 0.850 | 0.000 | 3.825 | - |
| Total Quantity | | | | | 25.475 Sqm (Sqm) | | 25.475 Sqm (Square Meter) | |

| Amount | | | | | 25.475 X 1047.3822930467 | 26682.06 | | |
|---|-------------|--------|-------|-------|-----------------------------|----------|--------------------------|-----------|
| 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. | | | | | | | | |
| Sl No | Description | No | L | B | D | CF | Quantity | Deduction |
| i | rod | 12.000 | 1.000 | 1.000 | 1.000 | 0.000 | 12.000 | - |
| Total Quantity | | | | | 12 Qntl (Quintal) | | 12 Qntl (Quintal) | |
| Amount | | | | | 12 X 7956.0671925 | | 95472.81 | |
| 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. | | | | | | | | |
| Sl No | Description | No | L | B | D | CF | Quantity | Deduction |
| i | slab | 1.000 | 7.700 | 9.600 | 1.000 | 0.000 | 73.920 | - |
| Total Quantity | | | | | 73.92 Sqm (Sqm) | | 73.92 Sqm (Square Meter) | |
| Amount | | | | | 73.92 X 272.3981011424 | | 20135.67 | |
| Total Amount | | | | | | | 305262.56 | |
| Addition | | | | | | | | |
| Provision for PH Work (+) @ | | | | | | | | |
| Provision for EI Work (+) @ | | | | | | | | |
| Provision for Contingency (+) @ | | | | | | | 3.00 | |
| Display Citizen Board (+) @ | | | | | | | 4800.00 | |
| Any Other Lumpsum (+) @ | | | | | | | | |

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| Provision for survey investigation and quality control (+) @ | |
| Total Addition | 4803.00 |
| Grand Net Total Amount | 310065.56 |

Lipi mohapatra
JE
Sadar Block

Buddhadev Rath
AEE
Sadar Block

SAMBEET SATAPATHY
BDO
Sadar Block