

Detailed Estimate

OD/346/3300/116110/391944/00066294 : REPAIR AND MAINTENANCE OF SN UP SCHOOL BUILDING AT KUMBHARI
Block : Baliapal, Gram Panchayat : Kumbhari
Created By: ARUN KUMAR JENA

| 1. 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 | roof Slab | 1.000 | 11.000 | 5.000 | 0.000 | 0.000 | 55.000 | - |
| ii | Verrendah | 1.000 | 11.000 | 1.800 | 0.000 | 0.000 | 19.800 | - |
| Total Quantity | | | | | 74.8 Sqm (Sqm) | | 74.8 Sqm (Square Meter) | |
| Amount | | | | | 74.8 X 195.202156216 | | 14601.12 | |
| 2. 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 | L.Wall | 2.000 | 11.000 | 3.100 | 0.000 | 0.000 | 68.200 | - |
| ii | Short wall | 2.000 | 7.000 | 3.000 | 0.000 | 0.000 | 42.000 | - |
| iii | Long wall | 1.000 | 11.000 | 0.900 | 0.000 | 0.000 | 9.900 | - |
| iv | Door | 2.000 | 1.200 | 0.000 | 2.100 | 0.000 | - | 5.040 |
| v | win | 3.000 | 1.200 | 0.000 | 1.200 | 0.000 | - | 4.320 |
| Total Quantity | | | | | 110.74 Sqm (Sqm) | | 110.74 Sqm (Square Meter) | |
| Amount | | | | | 110.74 X 182.369925224 | | 20195.65 | |
| 3. 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.

| Sl No | Description | No | L | B | D | CF | Quantity | Deduction |
|----------------|-------------|-------|--------|-------|-----------------------|-------|---------------------------|-----------|
| i | Long wall | 2.000 | 11.000 | 0.000 | 3.000 | 0.000 | 66.000 | - |
| ii | | 1.000 | 11.000 | 0.000 | 0.900 | 0.000 | 9.900 | - |
| iii | Short wall | 2.000 | 5.000 | 0.000 | 3.000 | 0.000 | 30.000 | - |
| iv | | 2.000 | 1.800 | 0.000 | 0.900 | 0.000 | 3.240 | - |
| v | Brick Col | 4.000 | 1.200 | 0.000 | 2.100 | 0.000 | 10.080 | - |
| vi | Door | 2.000 | 1.200 | 0.000 | 2.100 | 0.000 | - | 5.040 |
| vii | Win | 3.000 | 1.200 | 0.000 | 1.350 | 0.000 | - | 4.860 |
| Total Quantity | | | | | 109.32 Sqm (Sqm) | | 109.32 Sqm (Square Meter) | |
| Amount | | | | | 109.32 X 259.12532124 | | 28327.58 | |

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, grider and bressmer, etc. Data for 4.2sqm

| Sl No | Description | No | L | B | D | CF | Quantity | Deduction |
|----------------|-------------|-------|--------|-------|-------------------------|-------|--------------------------|-----------|
| i | Wall Beam | 6.000 | 11.000 | 0.000 | 0.150 | 0.000 | 9.900 | - |
| ii | | 4.000 | 7.500 | 0.000 | 0.150 | 0.000 | 4.500 | - |
| iii | | 1.000 | 7.500 | 0.000 | 0.300 | 0.000 | 2.250 | - |
| iv | | 2.000 | 7.500 | 0.000 | 0.300 | 0.000 | 4.500 | - |
| Total Quantity | | | | | 21.15 Sqm (Sqm) | | 21.15 Sqm (Square Meter) | |
| Amount | | | | | 21.15 X 1047.3822930467 | | 22152.14 | |

5. 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 | Roof Slab | 1.000 | 11.000 | 7.500 | 0.000 | 0.000 | 82.500 | - |
| Total Quantity | | | | | 82.5 Sqm (Sqm) | | 82.5 Sqm (Square Meter) | |
| Amount | | | | | 82.5 X 662.689943368 | | 54671.92 | |

6. 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 | Wall Beam | 3.000 | 11.000 | 0.250 | 0.150 | 0.000 | 1.238 | - |
| ii | | 2.000 | 7.000 | 0.250 | 0.150 | 0.000 | 0.525 | - |
| iii | | 1.000 | 7.000 | 0.300 | 0.300 | 0.000 | 0.630 | - |
| iv | Roof Slab | 1.000 | 11.000 | 7.500 | 0.125 | 0.000 | 10.313 | - |
| Total Quantity | | | | | 12.705 cum (cum) | | 12.705 Cum (Cubic Meter) | |
| Amount | | | | | 12.705 X 7257.293826724 | | 92203.92 | |

7. Flooring (AR0802ii) : 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG Hand broken chips

2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG Hand broken chips including punning incl. cost, conveyance & royalty of materials as per direction of Engineer-in-charge.

| Sl No | Description | No | L | B | D | CF | Quantity | Deduction |
|----------------|-------------|-------|--------|-------|----------------|-------|-------------------------|-----------|
| i | Room | 1.000 | 11.000 | 5.000 | 0.000 | 0.000 | 55.000 | - |
| ii | Ver | 1.000 | 11.000 | 1.800 | 0.000 | 0.000 | 19.800 | - |
| Total Quantity | | | | | 74.8 Sqm (Sqm) | | 74.8 Sqm (Square Meter) | |

| Amount | | | | | 74.8 X 396.815862324 | 29681.83 | | |
|---|-------------|-------|--------|-------|-------------------------------|------------------|-----------------------|-----------|
| 8. R.C.C. Work (AR0409) : First floor | | | | | | | | |
| 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 | | 0.000 | 13.100 | 1.050 | 0.000 | 0.000 | 13.755 | - |
| Total Quantity | | | | | 13.755 Qntl (Quintal) | | 13.755 Qntl (Quintal) | |
| Amount | | | | | 13.755 X 8507.4192639 | 117019.55 | | |
| 9. Iron Work (AR1702) : Iron work wrought and put up in window grating including drilling holes in choukathas | | | | | | | | |
| Iron work wrought and put up in window grating including drilling holes in choukathas including all cost of labour, material, machinery 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 | 50.000 | 0.000 | 0.000 | 0.000 | 100.000 | - |
| ii | Win | 3.000 | 35.000 | 0.000 | 0.000 | 0.000 | 105.000 | - |
| Total Quantity | | | | | 205 Kg (Kilo Gram) | | 2.05 Qntl (Quintal) | |
| Amount | | | | | 2.05 X 9063.2488584724 | 18579.66 | | |
| Total Amount | | | | | | | 397433.36 | |
| Addition | | | | | | | | |
| Provision for PH Work (+) @ | | | | | | | | |
| Provision for EI Work (+) @ | | | | | | | | |
| Provision for Contingency (+) @ | | | | | | | 1987.17 | |
| Display Citizen Board (+) @ | | | | | | | 500.00 | |
| Any Other Lumpsum (+) @ | | | | | | | | |
| Provision for survey investigation and quality control (+) @ | | | | | | | | |

| | |
|-------------------------------|------------------|
| Total Addition | 2487.17 |
| Grand Net Total Amount | 399920.53 |

ARUN KUMAR JENA
JE
Baliapal Block

AEE
Baliapal Block

Radha Ranjan Das
BDO
Baliapal Block