

## Detailed Estimate

**OD/371/3565/121404/382503/00113026 : Construction of Vana Surakshya Samiti Building at Ambajhari**  
**Block : Rairakhol, Gram Panchayat : Kadaligarh**  
**Created By:Khirabdhi Tanaya Padhy**

| <b>1. Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift</b>   |                       |       |       |       |                            |       |                                  |           |
|---|-----------------------|-------|-------|-------|----------------------------|-------|----------------------------------|-----------|
| 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/W                   | 3.000 | 3.730 | 0.600 | 0.600                      | 0.000 | 4.028                            | -         |
| iii   | S/W                   | 2.000 | 4.160 | 0.600 | 0.600                      | 0.000 | 2.995                            | -         |
| iv  |                       | 1.000 | 1.680 | 0.600 | 0.600                      | 0.000 | 0.605                            | -         |
| <b>Total Quantity</b>   |                       |       |       |       | <b>23.1804 cum (cum)</b>   |       | <b>23.1804 Cum (Cubic Meter)</b> |           |
| <b>Amount</b>   |                       |       |       |       | <b>23.1804 X 240.77592</b> |       | <b>5581.28</b>                   |           |
| <b>2. Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed</b>   |                       |       |       |       |                            |       |                                  |           |
| 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.  |                       |       |       |       |                            |       |                                  |           |
| SI 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/W                   | 3.000 | 3.730 | 0.600 | 0.050                      | 0.000 | 0.336                            | -         |
| iii   | S/W                   | 2.000 | 4.160 | 0.600 | 0.050                      | 0.000 | 0.250                            | -         |
| iv  |                       | 1.000 | 1.680 | 0.600 | 0.050                      | 0.000 | 0.050                            | -         |
| v   |                       | 1.000 | 1.450 | 0.600 | 0.050                      | 0.000 | 0.044                            | -         |
| vi  | Inside Room:-<br>Hall | 1.000 | 5.900 | 4.000 | 0.450                      | 0.000 | 10.620                           | -         |
| vii   | office                | 1.000 | 4.150 | 2.100 | 0.450                      | 0.000 | 3.922                            | -         |

|                |                            |       |       |       |                       |       |                            |   |
|----------------|----------------------------|-------|-------|-------|-----------------------|-------|----------------------------|---|
| viii           | Toilet                     | 1.000 | 2.000 | 1.620 | 0.450                 | 0.000 | 1.458                      | - |
| ix             | Verandah                   | 1.000 | 2.660 | 1.200 | 0.450                 | 0.000 | 1.436                      | - |
| x              | Septic Tank<br>Septic Tank | 1.000 | 2.130 | 2.130 | 0.100                 | 0.000 | 0.454                      | - |
| xi             | Steps                      | 1.000 | 2.700 | 0.450 | 0.150                 | 0.000 | 0.182                      | - |
| Total Quantity |                            |       |       |       | 20.69529 cum (cum)    |       | 20.69529 Cum (Cubic Meter) |   |
| Amount         |                            |       |       |       | 20.69529 X 476.834332 |       | 9868.22                    |   |

### 3. 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              |                  | 9.000 | 1.200 | 1.200 | 0.150                  | 0.000 | 1.944                     | -         |
| ii             |                  | 3.000 | 3.730 | 0.600 | 0.100                  | 0.000 | 0.671                     | -         |
| iii            |                  | 2.000 | 4.160 | 0.600 | 0.100                  | 0.000 | 0.499                     | -         |
| iv             |                  | 1.000 | 1.680 | 0.600 | 0.100                  | 0.000 | 0.101                     | -         |
| v              |                  | 1.000 | 1.450 | 0.600 | 0.100                  | 0.000 | 0.087                     | -         |
| vi             | Inside Room:Hall | 1.000 | 5.900 | 4.000 | 0.100                  | 0.000 | 2.360                     | -         |
| vii            | office           | 1.000 | 4.150 | 2.100 | 0.100                  | 0.000 | 0.872                     | -         |
| viii           | Toilet           | 1.000 | 2.000 | 1.620 | 0.100                  | 0.000 | 0.324                     | -         |
| ix             | VER              | 1.000 | 2.660 | 1.200 | 0.100                  | 0.000 | 0.319                     | -         |
| x              | Septic Tank      | 1.000 | 2.130 | 2.130 | 0.100                  | 0.000 | 0.454                     | -         |
| xi             | Steps            | 1.000 | 2.700 | 0.450 | 0.100                  | 0.000 | 0.122                     | -         |
| Total Quantity |                  |       |       |       | 7.75229 cum (cum)      |       | 7.75229 Cum (Cubic Meter) |           |
| Amount         |                  |       |       |       | 7.75229 X 5360.3786358 |       | 41555.21                  |           |

**4. 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/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.

| Sl No          | Description     | No    | L     | B     | D     | CF    | Quantity                    | Deduction                  |  |
|----------------|-----------------|-------|-------|-------|-------|-------|-----------------------------|----------------------------|--|
| i              | 1st footing     | 3.000 | 5.670 | 0.600 | 0.450 | 0.000 | 4.593                       | -                          |  |
| ii             | L/W             | 2.000 | 6.100 | 0.600 | 0.450 | 0.000 | 3.294                       | -                          |  |
| iii            | S/W             | 1.000 | 1.680 | 0.600 | 0.450 | 0.000 | 0.454                       | -                          |  |
| iv             |                 | 1.000 | 1.450 | 0.600 | 0.450 | 0.000 | 0.392                       | -                          |  |
| v              | 2ND footing-L/W | 3.000 | 5.670 | 0.550 | 0.500 | 0.000 | 4.678                       | -                          |  |
| vi             | S/W             | 2.000 | 6.100 | 0.550 | 0.500 | 0.000 | 3.355                       | -                          |  |
| vii            |                 | 1.000 | 1.680 | 0.550 | 0.500 | 0.000 | 0.462                       | -                          |  |
| viii           |                 | 1.000 | 1.450 | 0.550 | 0.500 | 0.000 | 0.399                       | -                          |  |
| ix             | Steps           | 3.000 | 2.700 | 0.450 | 0.150 | 0.000 | 0.547                       | -                          |  |
| Total Quantity |                 |       |       |       |       |       | 18.17205 cum (cum)          | 18.17205 Cum (Cubic Meter) |  |
| Amount         |                 |       |       |       |       |       | 18.17205 X<br>5008.91673904 | 91022.29                   |  |

**5. 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.)

| Sl No | Description | No    | L     | B     | D     | CF    | Quantity | Deduction |
|-------|-------------|-------|-------|-------|-------|-------|----------|-----------|
| i     |             | 9.000 | 1.200 | 1.200 | 0.150 | 0.000 | 1.944    | -         |
| ii    |             | 1.000 | 2.020 | 0.000 | 0.000 | 0.000 | 2.020    | -         |
| iii   |             | 9.000 | 0.230 | 0.230 | 0.900 | 0.000 | 0.428    | -         |

|                |                              |                           |
|----------------|------------------------------|---------------------------|
| Total Quantity | 4.39249 cum (cum)            | 4.39249 Cum (Cubic Meter) |
| Amount         | 4.39249 X<br>5952.0089523525 | 26144.14                  |

**6. 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              | L/W         | 3.000 | 6.130 | 0.230 | 0.250                         | 0.000 | 1.057                      | -         |
| ii             | S/W         | 2.000 | 6.560 | 0.230 | 0.250                         | 0.000 | 0.754                      | -         |
| iii            |             | 1.000 | 1.680 | 0.230 | 0.250                         | 0.000 | 0.097                      | -         |
| Total Quantity |             |       |       |       | 1.908425 cum (cum)            |       | 1.908425 Cum (Cubic Meter) |           |
| Amount         |             |       |       |       | 1.908425 X<br>6708.8310774942 |       | 12803.30                   |           |

**7. 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              |             | 9.000 | 0.230 | 0.230 | 3.000                        | 0.000 | 1.428                     | -         |
| ii             | MBeam       | 1.000 | 4.230 | 0.230 | 0.200                        | 0.000 | 0.195                     | -         |
| iii            | L/W         | 3.000 | 6.130 | 0.230 | 0.200                        | 0.000 | 0.846                     | -         |
| iv             | S/W         | 2.000 | 6.560 | 0.230 | 0.200                        | 0.000 | 0.604                     | -         |
| v              |             | 1.000 | 1.680 | 0.230 | 0.200                        | 0.000 | 0.077                     | -         |
| Total Quantity |             |       |       |       | 3.14962 cum (cum)            |       | 3.14962 Cum (Cubic Meter) |           |
| Amount         |             |       |       |       | 3.14962 X<br>14007.762339672 |       | 44119.13                  |           |

**8. 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)

| Sl No          | Description | No    | L     | B     | D                             | CF    | Quantity                   | Deduction |
|----------------|-------------|-------|-------|-------|-------------------------------|-------|----------------------------|-----------|
| i              |             | 3.000 | 6.130 | 0.230 | 0.150                         | 0.000 | 0.634                      | -         |
| ii             |             | 2.000 | 6.560 | 0.230 | 0.150                         | 0.000 | 0.453                      | -         |
| iii            |             | 1.000 | 1.680 | 0.230 | 0.150                         | 0.000 | 0.058                      | -         |
| Total Quantity |             |       |       |       | 1.145055 cum (cum)            |       | 1.145055 Cum (Cubic Meter) |           |
| Amount         |             |       |       |       | 1.145055 X<br>12616.293180883 |       | 14446.35                   |           |

**9. 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)

| Sl No          | Description | No    | L     | B     | D                            | CF    | Quantity                  | Deduction |
|----------------|-------------|-------|-------|-------|------------------------------|-------|---------------------------|-----------|
| i              | Verandah    | 1.000 | 1.200 | 0.450 | 0.075                        | 0.000 | 0.041                     | -         |
| ii             | window      | 2.000 | 1.500 | 0.450 | 0.075                        | 0.000 | 0.101                     | -         |
| iii            | window1     | 1.000 | 1.050 | 0.450 | 0.075                        | 0.000 | 0.035                     | -         |
| iv             |             | 1.000 | 0.750 | 0.450 | 0.075                        | 0.000 | 0.025                     | -         |
| v              | St          | 1.000 | 2.130 | 2.130 | 0.100                        | 0.000 | 0.454                     | -         |
| vi             | Slab        | 1.000 | 6.660 | 7.090 | 0.100                        | 0.000 | 4.722                     | -         |
| Total Quantity |             |       |       |       | 5.37813 cum (cum)            |       | 5.37813 Cum (Cubic Meter) |           |
| Amount         |             |       |       |       | 5.37813 X<br>12253.893356743 |       | 65903.03                  |           |

**10. 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              |             | 1.000 | 15.180 | 0.000 | 0.000                | 0.000 | 15.180               | -         |
| Total Quantity |             |       |        |       | 15.18 Qntl (Quintal) |       | 15.18 Qntl (Quintal) |           |
| Amount         |             |       |        |       | 15.18 X 8714.2334996 |       | 132282.06            |           |

**11. Masonry Brick Work (AR0603ci) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure**

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     | L/W              | 3.000 | 6.130 | 0.230 | 2.650 | 0.000 | 11.209   | -         |
| ii    | S/W              | 2.000 | 6.560 | 0.230 | 2.650 | 0.000 | 7.997    | -         |
| iii   |                  | 1.000 | 1.680 | 0.230 | 2.650 | 0.000 | 1.024    | -         |
| iv    | Septic Tank      | 1.000 | 8.060 | 0.230 | 2.250 | 0.000 | 4.171    | -         |
| v     | parapet          | 1.000 | 6.660 | 0.230 | 0.900 | 0.000 | 1.379    | -         |
| vi    | deduction-Column | 9.000 | 0.230 | 0.230 | 3.000 | 0.000 | -        | 1.428     |
| vii   | v                | 4.000 | 0.600 | 0.230 | 0.230 | 0.000 | -        | 0.127     |
| viii  | D                | 1.000 | 1.200 | 0.230 | 1.950 | 0.000 | -        | 0.538     |
| ix    | D1               | 1.000 | 1.050 | 0.230 | 1.950 | 0.000 | -        | 0.471     |
| x     | D2               | 1.000 | 0.750 | 0.230 | 1.950 | 0.000 | -        | 0.336     |
| xi    | W                | 2.000 | 1.500 | 0.230 | 1.350 | 0.000 | -        | 0.932     |
| xii   | W1               | 1.000 | 1.050 | 0.230 | 1.350 | 0.000 | -        | 0.326     |
| xiii  | parapet          | 1.000 | 7.090 | 0.230 | 0.900 | 0.000 | 1.468    | -         |
| xiv   |                  | 1.000 | 3.000 | 0.230 | 0.600 | 0.000 | 0.414    | -         |

|                |                             |                            |
|----------------|-----------------------------|----------------------------|
| Total Quantity | 23.50232 cum (cum)          | 23.50232 Cum (Cubic Meter) |
| Amount         | 23.50232 X<br>5042.24673904 | 118504.50                  |

**12. 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 specifaicaion and direction of Engineer-in charge. (new work)

| SI No          | Description | No    | L     | B     | D                          | CF    | Quantity                   | Deduction |
|----------------|-------------|-------|-------|-------|----------------------------|-------|----------------------------|-----------|
| i              |             | 1.000 | 6.660 | 7.090 | 0.000                      | 0.000 | 47.219                     | -         |
| Total Quantity |             |       |       |       | 47.2194 Sqm (Sqm)          |       | 47.2194 Sqm (Square Meter) |           |
| Amount         |             |       |       |       | 47.2194 X<br>347.461862056 |       | 16406.94                   |           |

**13. 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              |             | 2.000 | 7.090 | 0.000 | 3.000                      | 0.000 | 42.540                     | -         |
| ii             |             | 2.000 | 6.660 | 0.000 | 3.000                      | 0.000 | 39.960                     | -         |
| iii            | D(V)        | 4.000 | 0.600 | 0.000 | 0.230                      | 0.000 | 0.552                      | -         |
| iv             | D           | 1.000 | 1.200 | 0.000 | 1.950                      | 0.000 | -                          | 2.340     |
| v              | W           | 2.000 | 1.500 | 0.000 | 1.350                      | 0.000 | -                          | 4.050     |
| vi             | W1          | 1.000 | 1.350 | 0.000 | 1.350                      | 0.000 | -                          | 1.823     |
| Total Quantity |             |       |       |       | 74.8395 Sqm (Sqm)          |       | 74.8395 Sqm (Square Meter) |           |
| Amount         |             |       |       |       | 74.8395 X<br>167.505435256 |       | 12536.02                   |           |

**14. Plastering (AR1014i) : 16mm thick cement Plaster in CM (1:6) over brick work in outside (outside)**

16mm thick cement Plaster in CM (1:6) over brick work in outside 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              | Hall        | 2.000 | 5.900 | 0.000 | 3.000                              | 0.000 | 35.400                      | -         |
| ii             |             | 2.000 | 4.000 | 0.000 | 3.000                              | 0.000 | 24.000                      | -         |
| iii            | Office      | 2.000 | 4.150 | 0.000 | 3.000                              | 0.000 | 24.900                      | -         |
| iv             |             | 2.000 | 2.100 | 0.000 | 3.000                              | 0.000 | 12.600                      | -         |
| v              | Toilet      | 2.000 | 2.000 | 0.000 | 3.000                              | 0.000 | 12.000                      | -         |
| vi             |             | 2.000 | 1.620 | 0.000 | 3.000                              | 0.000 | 9.720                       | -         |
| vii            | Parapet     | 2.000 | 6.660 | 0.000 | 0.900                              | 0.000 | 11.988                      | -         |
| viii           |             | 2.000 | 7.090 | 0.000 | 0.900                              | 0.000 | 12.762                      | -         |
| ix             | D(V)        | 4.000 | 0.600 | 0.000 | 0.230                              | 0.000 | -                           | 0.552     |
| x              | D           | 1.000 | 1.200 | 0.000 | 1.950                              | 0.000 | -                           | 2.340     |
| xi             | D1          | 1.000 | 1.050 | 0.000 | 1.950                              | 0.000 | -                           | 2.048     |
| xii            | D2          | 1.000 | 0.750 | 0.000 | 1.950                              | 0.000 | -                           | 1.463     |
| xiii           | W           | 2.000 | 1.500 | 0.000 | 1.350                              | 0.000 | -                           | 4.050     |
| xiv            | W1          | 1.000 | 1.050 | 0.000 | 1.350                              | 0.000 | -                           | 1.418     |
| Total Quantity |             |       |       |       | 131.5005 Sqm (Sqm)                 |       | 131.5005 Sqm (Square Meter) |           |
| Amount         |             |       |       |       | <b>131.5005 X<br/>241.28864246</b> |       | <b>31729.58</b>             |           |

**15. 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     | Hall        | 1.000 | 5.900 | 4.000 | 0.000 | 0.000 | 23.600   | -         |
| ii    | Office      | 1.000 | 4.150 | 2.100 | 0.000 | 0.000 | 8.715    | -         |

|  |             |       |       |       |                                |       |                              |           |
|--|-------------|-------|-------|-------|--------------------------------|-------|------------------------------|-----------|
| iii  | Ver         | 1.000 | 2.660 | 1.200 | 0.000                          | 0.000 | 3.192                        | -         |
| Total Quantity   |             |       |       |       | 35.507 Sqm (Sqm)               |       | 35.507 Sqm (Square Meter)    |           |
| Amount   |             |       |       |       | 35.507 X<br>355.297320856      |       | 12615.54                     |           |
| <b>16. 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</b>  |             |       |       |       |                                |       |                              |           |
| 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  | Toilet      | 2.000 | 2.000 | 0.900 | 0.000                          | 0.000 | 3.600                        | -         |
| ii   |             | 2.000 | 1.620 | 0.900 | 0.000                          | 0.000 | 2.916                        | -         |
| iii  |             | 1.000 | 2.000 | 1.620 | 0.000                          | 0.000 | 3.240                        | -         |
| Total Quantity   |             |       |       |       | 9.756 Sqm (Sqm)                |       | 9.756 Sqm (Square Meter)     |           |
| Amount   |             |       |       |       | 9.756 X<br>1186.384745115      |       | 11574.37                     |           |
| <b>17. Painting (AR0903i) : Painting two coats of enamel paint in outer surface paint (outer surface)</b>  |             |       |       |       |                                |       |                              |           |
| Painting two coats of enamel paint in outer surface paint including all costs of labour, Paint and brushes 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  | D           | 1.000 | 1.200 | 1.950 | 2.250                          | 0.000 | 5.265                        | -         |
| ii   | D1          | 1.000 | 1.050 | 1.950 | 2.250                          | 0.000 | 4.607                        | -         |
| iii  | D2          | 1.000 | 0.750 | 1.950 | 2.250                          | 0.000 | 3.291                        | -         |
| iv   | W           | 2.000 | 1.500 | 1.350 | 2.250                          | 0.000 | 9.113                        | -         |
| v  | W1          | 1.000 | 1.050 | 1.350 | 2.250                          | 0.000 | 3.189                        | -         |
| Total Quantity   |             |       |       |       | 25.464375 Sqm (Sqm)            |       | 25.464375 Sqm (Square Meter) |           |
| Amount   |             |       |       |       | 25.464375 X<br>164.25024333952 |       | 4182.53                      |           |

**18. Painting (AR0901c) : Priming one coat with inner surface primer of approved quality oil-bound primer over plastering surfaces (Inner surface)**

Priming one coat with inner surface primer of approved quality oil-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              |             | 1.000 | 128.500 | 0.000 | 0.000                     | 0.000 | 128.500                  | -         |
| Total Quantity |             |       |         |       | 128.5 Sqm (Sqm)           |       | 128.5 Sqm (Square Meter) |           |
| Amount         |             |       |         |       | 128.5 X<br>69.00293534351 |       | 8866.88                  |           |

**19. Painting (AR0901ci) : Priming one coat with outer surface primer of approved quality oil-bound primer over plastering surfaces(Outer surface)**

Priming one coat with outer surface primer of approved quality oil-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              |             | 1.000 | 73.740 | 0.000 | 0.000                     | 0.000 | 73.740                   | -         |
| Total Quantity |             |       |        |       | 73.74 Sqm (Sqm)           |       | 73.74 Sqm (Square Meter) |           |
| Amount         |             |       |        |       | 73.74 X<br>69.00293534351 |       | 5088.28                  |           |

**20. 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              | inside      | 1.000 | 128.500 | 0.000 | 0.000            | 0.000 | 128.500                  | -         |
| ii             | Ceilling    | 1.000 | 29.600  | 0.000 | 0.000            | 0.000 | 29.600                   | -         |
| Total Quantity |             |       |         |       | 158.1 Sqm (Sqm)  |       | 158.1 Sqm (Square Meter) |           |
| Amount         |             |       |         |       | 158.1 X 79.21834 |       | 12524.42                 |           |

**21. Painting (AR0919) : Finishing wall One Coat with plastic emulsion paint of approved shades on old work (Inside)**

Finishing wall One Coat with plastic emulsion paint of approved shades on old 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              |             | 1.000 | 128.500 | 0.000 | 0.000                | 0.000 | 128.500                  | -         |
| ii             |             | 1.000 | 29.600  | 0.000 | 0.000                | 0.000 | 29.600                   | -         |
| Total Quantity |             |       |         |       | 158.1 Sqm (Sqm)      |       | 158.1 Sqm (Square Meter) |           |
| Amount         |             |       |         |       | 158.1 X 61.236771165 |       | 9681.53                  |           |

**22. Painting (AR0918g) : Finishing wall with two coats weather coat paint of approved shade including one coat of oil bound primer in the outer surface of old work .(Outside)**

Finishing wall with two coats weather coat paint of approved shade including one coat of oil bound primer 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)

| SI No          | Description | No    | L      | B     | D                          | CF    | Quantity                 | Deduction |
|----------------|-------------|-------|--------|-------|----------------------------|-------|--------------------------|-----------|
| i              |             | 1.000 | 73.740 | 0.000 | 0.000                      | 0.000 | 73.740                   | -         |
| Total Quantity |             |       |        |       | 73.74 Sqm (Sqm)            |       | 73.74 Sqm (Square Meter) |           |
| Amount         |             |       |        |       | 73.74 X<br>156.89114311851 |       | 11569.15                 |           |

**23. R.C.C. Work (AR0404Ae) : 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 Stairs excluding landing but including railing)

| SI No          | Description | No     | L     | B     | D                          | CF    | Quantity                 | Deduction |
|----------------|-------------|--------|-------|-------|----------------------------|-------|--------------------------|-----------|
| i              | Base        | 1.000  | 6.000 | 0.900 | 0.075                      | 0.000 | 0.405                    | -         |
| ii             | Steps       | 10.000 | 0.900 | 0.350 | 0.150                      | 0.000 | 0.473                    | -         |
| Total Quantity |             |        |       |       | 0.8775 cum (cum)           |       | 0.8775 Cum (Cubic Meter) |           |
| Amount         |             |        |       |       | 0.8775 X<br>13892.69139596 |       | 12190.84                 |           |

**24. Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum**

Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) 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 as per specificaion and direction of Engineer-in charge.

| SI No | Description | No | L | B | D | CF | Quantity | Deduction |
|-------|-------------|----|---|---|---|----|----------|-----------|
|-------|-------------|----|---|---|---|----|----------|-----------|

|                |        |       |       |       |                           |       |                           |   |
|----------------|--------|-------|-------|-------|---------------------------|-------|---------------------------|---|
| i              | Hall   | 1.000 | 5.900 | 4.000 | 0.050                     | 0.000 | 1.180                     | - |
| ii             | office | 1.000 | 4.150 | 2.100 | 0.050                     | 0.000 | 0.436                     | - |
| iii            | Toilet | 1.000 | 2.000 | 1.620 | 0.050                     | 0.000 | 0.162                     | - |
| Total Quantity |        |       |       |       | 1.77775 cum (cum)         |       | 1.77775 Cum (Cubic Meter) |   |
| Amount         |        |       |       |       | 1.77775 X<br>6908.1781636 |       | 12281.01                  |   |

|                                     |
|-------------------------------------|
| <b>Total Amount (A) : 723476.61</b> |
|-------------------------------------|

| Additional Components                            |                                     |  |                 |
|--|-------------------------------------|--|-----------------|
| #  | Item Name                           | Remark   | Amount (in Rs.) |
| 1  | Provision for PH Work @ Rs.27500    | -  | 27500           |
| 2  | Provision for EI Work @ Rs.28000    | -  | 28000           |
| 3  | Provision for Contingency @ Rs.8500 | -  | 8500            |
| 4  | Display Citizen Board @ Rs.3000     | -  | 3000            |
| 5  | Any Other Lumpsum @ Rs.59523        | Provision for MS Door window,Architectural paint | 59523           |
| <b>Additional Components Amount (F) : 126523</b> |                                     |  |                 |

|   |
|---|
| <b>Grand Total Amount (A + F) : 849999.60536101</b> |
|---|

Khirabdhi Tanaya Padhy  
JE  
Rairakhol Block

Supriya Biswal  
AEE  
Rairakhol Block

Rajendra Senapati  
BDO  
Rairakhol Block