

## Detailed Estimate

OD/346/3305/116235/393298/00068423 : Dev Of Nata Mandap Kaduani Siv Temple

Block : Nilgiri, Gram Panchayat : Chatrapur

Created By:BAIDYANATH SINGH

| <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  |             |        |        |       |                       |       |                           |           |
| Sl No  | Description | No     | L      | B     | D                     | CF    | Quantity                  | Deduction |
| i  |             | 11.000 | 1.200  | 1.200 | 1.200                 | 0.000 | 19.008                    | -         |
| ii   |             | 1.000  | 37.100 | 0.400 | 0.300                 | 0.000 | 4.452                     | -         |
| iii  |             | 11.000 | 1.200  | 0.400 | 0.300                 | 0.000 | -                         | 1.584     |
| Total Quantity   |             |        |        |       | 21.876 cum (cum)      |       | 21.876 Cum (Cubic Meter)  |           |
| Amount   |             |        |        |       | 21.876 X 240.77592    |       | 5267.21                   |           |
| <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.   |             |        |        |       |                       |       |                           |           |
| Sl No  | Description | No     | L      | B     | D                     | CF    | Quantity                  | Deduction |
| i  |             | 1.000  | 3.800  | 3.800 | 0.450                 | 0.000 | 6.498                     | -         |
| ii   |             | 1.000  | 7.000  | 4.050 | 0.450                 | 0.000 | 12.758                    | -         |
| Total Quantity   |             |        |        |       | 19.2555 cum (cum)     |       | 19.2555 Cum (Cubic Meter) |           |
| Amount   |             |        |        |       | 19.2555 X 1184.531232 |       | 22808.74                  |           |
| <b>3. Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal</b>   |             |        |        |       |                       |       |                           |           |
| 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  |             | 1.000  | 3.800  | 3.800 | 0.100                 | 0.000 | 1.444                     | -         |

|  |             |       |       |       |                              |       |                           |           |
|--|-------------|-------|-------|-------|------------------------------|-------|---------------------------|-----------|
| ii   |             | 1.000 | 7.000 | 4.050 | 0.100                        | 0.000 | 2.835                     | -         |
| Total Quantity   |             |       |       |       | 4.279 cum (cum)              |       | 4.279 Cum (Cubic Meter)   |           |
| Amount   |             |       |       |       | 4.279 X 6335.20810876        |       | 27108.36                  |           |
| <b>4. 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</b>   |             |       |       |       |                              |       |                           |           |
| 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 | 7.370 | 0.000 | 0.000                        | 0.000 | 7.370                     | -         |
| Total Quantity   |             |       |       |       | 7.37 Qntl (Quintal)          |       | 7.37 Qntl (Quintal)       |           |
| Amount   |             |       |       |       | 7.37 X 8651.0132768          |       | 63757.97                  |           |
| <b>5. R.C.C. Work (AR0404A) : Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite chips</b>  |             |       |       |       |                              |       |                           |           |
| 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) |             |       |       |       |                              |       |                           |           |
| SI No  | Description | No    | L     | B     | D                            | CF    | Quantity                  | Deduction |
| i  |             | 6.000 | 0.250 | 0.250 | 3.350                        | 0.000 | 1.256                     | -         |
| ii   |             | 2.000 | 7.250 | 0.250 | 0.150                        | 0.000 | 0.544                     | -         |
| iii  |             | 1.000 | 4.050 | 0.250 | 0.150                        | 0.000 | 0.152                     | -         |
| iv   |             | 2.000 | 7.250 | 0.250 | 0.150                        | 0.000 | 0.544                     | -         |
| v  |             | 2.000 | 4.050 | 0.250 | 0.150                        | 0.000 | 0.304                     | -         |
| vi   |             | 1.000 | 4.050 | 0.250 | 0.300                        | 0.000 | 0.304                     | -         |
| vii  |             | 1.000 | 7.500 | 4.550 | 0.125                        | 0.000 | 4.266                     | -         |
| Total Quantity   |             |       |       |       | 7.36875 cum (cum)            |       | 7.36875 Cum (Cubic Meter) |           |
| Amount   |             |       |       |       | 7.36875 X<br>6506.2444605052 |       | 47942.89                  |           |

**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/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              |             | 2.000 | 4.550 | 0.380 | 3.650                       | 0.000 | 12.622                    | -         |
| ii             |             | 2.000 | 3.800 | 0.380 | 3.650                       | 0.000 | 10.541                    | -         |
| iii            |             | 2.000 | 7.250 | 0.250 | 3.650                       | 0.000 | 13.231                    | -         |
| iv             |             | 1.000 | 4.050 | 0.250 | 3.650                       | 0.000 | 3.696                     | -         |
| v              |             | 6.000 | 0.250 | 0.250 | 3.650                       | 0.000 | -                         | 1.369     |
| vi             |             | 2.000 | 1.050 | 0.250 | 2.150                       | 0.000 | -                         | 1.129     |
| vii            |             | 1.000 | 1.350 | 0.250 | 2.150                       | 0.000 | -                         | 0.726     |
| viii           |             | 1.000 | 1.500 | 0.250 | 2.150                       | 0.000 | -                         | 0.806     |
| ix             |             | 2.000 | 0.700 | 0.250 | 2.150                       | 0.000 | -                         | 0.753     |
| x              |             | 4.000 | 0.900 | 0.250 | 1.200                       | 0.000 | -                         | 1.080     |
| Total Quantity |             |       |       |       | 34.2279 cum (cum)           |       | 34.2279 Cum (Cubic Meter) |           |
| Amount         |             |       |       |       | 34.2279 X<br>5464.133932768 |       | 187025.83                 |           |

**7. 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.

| Sl No          | Description | No    | L     | B     | D                         | CF    | Quantity                 | Deduction |
|----------------|-------------|-------|-------|-------|---------------------------|-------|--------------------------|-----------|
| i              |             | 1.000 | 4.050 | 7.000 | 0.000                     | 0.000 | 28.350                   | -         |
| Total Quantity |             |       |       |       | 28.35 Sqm (Sqm)           |       | 28.35 Sqm (Square Meter) |           |
| Amount         |             |       |       |       | 28.35 X<br>193.0751427568 |       | 5473.68                  |           |

**8. Plastering (AR1004) : 12mm thick cement plaster (1:6) over Brick work in inside**

12mm thick cement plaster (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              |             | 2.000 | 7.250 | 3.650 | 0.000                        | 0.000 | 52.925                      | -         |
| ii             |             | 1.000 | 4.550 | 3.650 | 0.000                        | 0.000 | 16.608                      | -         |
| iii            |             | 2.000 | 0.500 | 1.050 | 2.150                        | 0.000 | -                           | 2.258     |
| iv             |             | 1.000 | 0.500 | 1.350 | 2.150                        | 0.000 | -                           | 1.451     |
| v              |             | 2.000 | 0.500 | 0.700 | 1.200                        | 0.000 | -                           | 0.840     |
| vi             |             | 4.000 | 1.000 | 0.900 | 1.200                        | 0.000 | -                           | 4.320     |
| Total Quantity |             |       |       |       | 60.66375 Sqm (Sqm)           |       | 60.66375 Sqm (Square Meter) |           |
| Amount         |             |       |       |       | 60.66375 X<br>177.2622452552 |       | 10753.39                    |           |

**9. 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              |             | 2.000 | 4.050 | 3.200 | 0.000                       | 0.000 | 25.920                      | -         |
| ii             |             | 2.000 | 7.000 | 3.200 | 0.000                       | 0.000 | 44.800                      | -         |
| iii            |             | 2.000 | 0.500 | 1.050 | 2.150                       | 0.000 | -                           | 2.258     |
| iv             |             | 1.000 | 0.500 | 1.350 | 2.150                       | 0.000 | -                           | 1.451     |
| v              |             | 1.000 | 0.500 | 1.500 | 1.200                       | 0.000 | -                           | 0.900     |
| vi             |             | 2.000 | 0.500 | 0.700 | 1.200                       | 0.000 | -                           | 0.840     |
| vii            |             | 4.000 | 0.500 | 0.900 | 1.200                       | 0.000 | -                           | 2.160     |
| Total Quantity |             |       |       |       | 63.11125 Sqm (Sqm)          |       | 63.11125 Sqm (Square Meter) |           |
| Amount         |             |       |       |       | 63.11125 X<br>252.996989892 |       | 15966.96                    |           |

**10. Flooring (AR0817a) : Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755)**

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 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 ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge

| Sl No          | Description | No    | L     | B     | D     | CF    | Quantity                  | Deduction                |  |
|----------------|-------------|-------|-------|-------|-------|-------|---------------------------|--------------------------|--|
| i              |             | 2.000 | 4.050 | 2.000 | 0.000 | 0.000 | 16.200                    | -                        |  |
| ii             |             | 2.000 | 7.000 | 2.000 | 0.000 | 0.000 | 28.000                    | -                        |  |
| iii            |             | 2.000 | 0.500 | 1.050 | 2.000 | 0.000 | -                         | 2.100                    |  |
| iv             |             | 1.000 | 0.500 | 1.350 | 2.000 | 0.000 | -                         | 1.350                    |  |
| v              |             | 1.000 | 0.500 | 1.500 | 2.000 | 0.000 | -                         | 1.500                    |  |
| vi             |             | 2.000 | 0.500 | 0.700 | 1.200 | 0.000 | -                         | 0.840                    |  |
| vii            |             | 4.000 | 0.500 | 0.900 | 1.200 | 0.000 | -                         | 2.160                    |  |
| Total Quantity |             |       |       |       |       |       | 36.25 Sqm (Sqm)           | 36.25 Sqm (Square Meter) |  |
| Amount         |             |       |       |       |       |       | 36.25 X<br>1342.302664491 | 48658.47                 |  |

**11. Flooring (AR0816a) : Fixing Marble Tiles in floor, treads or steps and landing of minimum 16 mm thick, dunguri Variety Up to 0.10 Sqm Above 0.10 Sqm. to 0.40 Sqm on a 25mm thick bed of cement mortar 1:1**

Fixing Marble Tiles in floor, treads or steps and landing of minimum 16 mm thick, dunguri Variety Up to 0.10 Sqm Above 0.10 Sqm. to 0.40 Sqm 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 marble tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.

| Sl No          | Description | No    | L     | B     | D     | CF    | Quantity                   | Deduction                |  |
|----------------|-------------|-------|-------|-------|-------|-------|----------------------------|--------------------------|--|
| i              |             | 1.000 | 4.050 | 7.000 | 0.000 | 0.000 | 28.350                     | -                        |  |
| Total Quantity |             |       |       |       |       |       | 28.35 Sqm (Sqm)            | 28.35 Sqm (Square Meter) |  |
| Amount         |             |       |       |       |       |       | 28.35 X<br>1467.5298812038 | 41604.47                 |  |

**12. 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              |             | 1.000 | 7.500 | 4.550 | 0.000 | 0.000 | 34.125                     | -                         |
| Total Quantity |             |       |       |       |       |       | 34.125 Sqm (Sqm)           | 34.125 Sqm (Square Meter) |
| Amount         |             |       |       |       |       |       | 34.125 X<br>278.1649639136 | 9492.38                   |

**13. 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

| SI No          | Description | No    | L     | B     | D     | CF    | Quantity                     | Deduction                  |
|----------------|-------------|-------|-------|-------|-------|-------|------------------------------|----------------------------|
| i              |             | 6.000 | 4.000 | 0.250 | 3.350 | 0.000 | 20.100                       | -                          |
| ii             |             | 2.000 | 2.000 | 7.250 | 0.150 | 0.000 | 4.350                        | -                          |
| iii            |             | 2.000 | 2.000 | 4.050 | 0.150 | 0.000 | 2.430                        | -                          |
| iv             |             | 1.000 | 1.000 | 4.050 | 0.850 | 0.000 | 3.443                        | -                          |
| Total Quantity |             |       |       |       |       |       | 30.3225 Sqm (Sqm)            | 30.3225 Sqm (Square Meter) |
| Amount         |             |       |       |       |       |       | 30.3225 X<br>1047.3822930467 | 31759.25                   |

**14. R.C.C. Work (AR0410e) : 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. Lintels Data for 7.8 sqm

| SI No          | Description | No    | L     | B     | D     | CF    | Quantity                    | Deduction                 |
|----------------|-------------|-------|-------|-------|-------|-------|-----------------------------|---------------------------|
| i              |             | 2.000 | 2.000 | 7.250 | 0.150 | 0.000 | 4.350                       | -                         |
| ii             |             | 1.000 | 1.000 | 4.050 | 0.150 | 0.000 | 0.608                       | -                         |
| Total Quantity |             |       |       |       |       |       | 4.9575 Sqm (Sqm)            | 4.9575 Sqm (Square Meter) |
| Amount         |             |       |       |       |       |       | 4.9575 X<br>499.15267251462 | 2474.55                   |

**15. 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

| SI No          | Description | No    | L     | B     | D                         | CF    | Quantity                  | Deduction |
|----------------|-------------|-------|-------|-------|---------------------------|-------|---------------------------|-----------|
| i              |             | 1.000 | 7.500 | 4.550 | 0.000                     | 0.000 | 34.125                    | -         |
| Total Quantity |             |       |       |       | 34.125 Sqm (Sqm)          |       | 34.125 Sqm (Square Meter) |           |
| Amount         |             |       |       |       | 34.125 X<br>662.689943368 |       | 22614.29                  |           |

Total Amount (A) : 542708.44

**Additional Components**

| # | Item Name                           | Remark   | Amount (in Rs.) |
|---|-------------------------------------|--|-----------------|
| 1 | Display Citizen Board @ Rs.5000     | -  | 5000            |
| 2 | Provision for Contingency @ Rs.7000 | -  | 7000            |
| 3 | Any Other Lumpsum @ Rs.145291.54    | Suppling, fiiting fixing of stainless steel door and grill etc | 145291.54       |

Additional Components Amount (F) : 157291.54

Grand Total Amount (A + F) : 699999.98270872

**BAIDYANATH SINGH**  
JE  
Nilgiri Block

**Sarat kumar Upadhyay**  
AEE  
Nilgiri Block

**Bikram Kishore Parida**  
BDO  
Nilgiri Block