

Detailed Estimate

OD/352/3349/117251/402611/00101916 : Improvement of Balunkeswar Temple Beautification at Marthapur
Block : Bhuban, Gram Panchayat : Marthapur
Created By:Lopamudra Mahanta

| 1. 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 | Wall | 1.000 | 40.500 | 0.750 | 0.750 | 0.000 | 22.781 | - |
| ii | Side area | 1.000 | 6.000 | 7.500 | 0.150 | 0.000 | 6.750 | - |
| iii | | 1.000 | 2.900 | 8.700 | 0.150 | 0.000 | 3.785 | - |
| Total Quantity | | | | | | 33.31575 cum (cum) | 33.31575 Cum (Cubic Meter) | |
| Amount | | | | | | 33.31575 X 240.77592 | 8021.63 | |
| 2. 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. | | | | | | | | |
| SI No | Description | No | L | B | D | CF | Quantity | Deduction |
| i | Walls | 1.000 | 40.500 | 0.750 | 0.100 | 0.000 | 3.038 | - |
| ii | Side area | 1.000 | 6.000 | 7.500 | 0.100 | 0.000 | 4.500 | - |
| iii | | 1.000 | 2.900 | 8.700 | 0.100 | 0.000 | 2.523 | - |
| Total Quantity | | | | | | 10.0605 cum (cum) | 10.0605 Cum (Cubic Meter) | |
| Amount | | | | | | 10.0605 X 723.466232 | 7278.43 | |
| 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. | | | | | | | | |
| SI No | Description | No | L | B | D | CF | Quantity | Deduction |

| | | | | | | | | |
|----------------|-----------|-------|--------|-------|----------------------------|-------|---------------------------|---|
| i | Wall | 1.000 | 40.500 | 0.750 | 0.100 | 0.000 | 3.038 | - |
| ii | Side area | 1.000 | 6.000 | 7.500 | 0.076 | 0.000 | 3.420 | - |
| iii | | 1.000 | 2.900 | 8.700 | 0.076 | 0.000 | 1.917 | - |
| Total Quantity | | | | | 8.37498 cum (cum) | | 8.37498 Cum (Cubic Meter) | |
| Amount | | | | | 8.37498 X 6019.35854334 | | 50412.01 | |

4. 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 | Side area | 1.000 | 6.000 | 7.500 | 0.076 | 0.000 | 3.420 | - |
| ii | | 1.000 | 2.900 | 8.700 | 0.076 | 0.000 | 1.917 | - |
| Total Quantity | | | | | 5.33748 cum (cum) | | 5.33748 Cum (Cubic Meter) | |
| Amount | | | | | 5.33748 X 7460.40343858 | | 39819.75 | |

5. 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.

| SI No | Description | No | L | B | D | CF | Quantity | Deduction |
|----------------|-------------|-------|--------|-------|---------------------------|-------|-------------------------|-----------|
| i | 1st footing | 1.000 | 40.500 | 0.500 | 0.300 | 0.000 | 6.075 | - |
| ii | 2nd footing | 1.000 | 40.500 | 0.500 | 0.300 | 0.000 | 6.075 | - |
| Total Quantity | | | | | 12.15 cum (cum) | | 12.15 Cum (Cubic Meter) | |
| Amount | | | | | 12.15 X 5086.997078912 | | 61807.01 | |

6. 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/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 | Wall | 1.000 | 40.500 | 0.250 | 1.670 | 0.000 | 16.909 | - |
| Total Quantity | | | | | 16.90875 cum (cum) | | 16.90875 Cum (Cubic Meter) | |
| Amount | | | | | 16.90875 X 5172.379953912 | | 87458.48 | |

7. Painting (AR0918c) : Finishing wall with two coat water proofing cement paint including one coat cement wash on the outer surface of approved shade on new work (Outside)

Finishing wall with two coat water proofing cement paint including one coat cement wash on the outer surface of approved shade on new 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)

| Sl No | Description | No | L | B | D | CF | Quantity | Deduction |
|----------------|-------------|-------|--------|-------|-------------------------------|-------|-----------------------------|-----------|
| i | Walls | 2.000 | 40.500 | 1.670 | 0.000 | 0.000 | 135.270 | - |
| ii | | 1.000 | 40.500 | 0.250 | 0.000 | 0.000 | 10.125 | - |
| iii | | 1.000 | 1.670 | 0.250 | 0.000 | 0.000 | 0.418 | - |
| Total Quantity | | | | | 145.8125 Sqm (Sqm) | | 145.8125 Sqm (Square Meter) | |
| Amount | | | | | 145.8125 X 57.483395862323 | | 8381.80 | |

8. Plastering (AR1004i) : 12mm thick cement plaster (1:6) over Brick work in outside.

12mm thick cement plaster (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 | Walls | 2.000 | 40.500 | 1.670 | 0.000 | 0.000 | 135.270 | - |
| ii | | 1.000 | 40.500 | 0.250 | 0.000 | 0.000 | 10.125 | - |
| iii | | 1.000 | 1.670 | 0.250 | 0.000 | 0.000 | 0.418 | - |
| Total Quantity | | | | | 145.8125 Sqm (Sqm) | | 145.8125 Sqm (Square Meter) | |

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|--------|------------------------------|----------|
| Amount | 145.8125 X 171.3541120468 | 24985.57 |
|--------|------------------------------|----------|

9. miscellaneous (ARM287) : Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC

Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018. (New miscellaneous items) and as directed by Engineer-in-Charge.

| Sl No | Description | No | L | B | D | CF | Quantity | Deduction |
|----------------|-------------|-------|--------|--------|-------|-------|------------------|---------------------------|
| i | Inside area | 1.000 | 10.400 | 12.300 | 0.000 | 0.000 | 127.920 | - |
| ii | | 1.000 | 6.000 | 6.000 | 0.000 | 0.000 | 36.000 | - |
| Total Quantity | | | | | | | 163.92 Sqm (Sqm) | 163.92 Sqm (Square Meter) |
| Amount | | | | | | | 163.92 X 632.082 | 103610.88 |

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| Total Amount (A) : 391775.57 |
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| Additional Components | | | |
|------------------------------------|-------------------------------------|--------|-----------------|
| # | Item Name | Remark | Amount (in Rs.) |
| 1 | Display Citizen Board @ Rs.4224 | - | 4224 |
| 2 | Provision for Contingency @ Rs.4000 | - | 4000 |
| Additional Components Amount (F) : | | | 8224 |

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| Grand Total Amount (A + F) : 399999.56855892 |
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Lopamudra Mahanta
JE
Bhuban Block

Ranjit Behera
AEE
Bhuban Block

Ayushi Mohapatra
BDO
Bhuban Block