

| ESTIMATION DPR |        |                 |         |              |         |                       |        |
|----------------|--------|-----------------|---------|--------------|---------|-----------------------|--------|
| <b>State</b>   | Odisha | <b>District</b> | Khordha | <b>Block</b> | Chilika | <b>Gram Panchayat</b> | Sorana |

|                         |   |
|-------------------------|---|
| <b>Work Code</b>        | OD/362/3462/119649/408151/00063423 (Improvement of Kalyan Mandap at Soran.) |
| <b>Project Category</b> | Building  |

|                             |                           |                              |                               |
|-----------------------------|---------------------------|------------------------------|-------------------------------|
| <b>Financial Year</b>       | 2024-25                   | <b>Execution Level</b>       | PS                            |
| <b>Executing Agency</b>     | Panchayat Samiti, Chilika | <b>Proposal Date</b>         | -                             |
| <b>Date of Commencement</b> | -                         | <b>Date of Completion</b>    |                               |
| <b>Scheme Name</b>          | 5th SFC Grant in Aid      | <b>Scheme Component Name</b> | Maintenance of Capital Assets |
| <b>Project Sub-Category</b> | Kalyan Mandap             | <b>Project Type</b>          | Upgradation or Improvement    |
| <b>Name of Executant</b>    |                           |                              |                               |

### Administrative Approval Details

|                     |                                       |
|---------------------|---------------------------------------|
| <b>Approval No.</b> | OD/362/3462/119649/408151/00063423/AS |
|---------------------|---------------------------------------|

### Technical Sanction Details

|                                      |        |
|--------------------------------------|--------|
| <b>Technical Sanction No.</b>        |        |
| <b>Fund Sanction No.</b>             | 29142  |
| <b>Fund Sanction Amount (in Rs.)</b> | 550000 |

### ACTIVITY STATEMENT

| S/N | ACTIVITY TAKEN  | UNIT | QUANTITY  | UNIT PRICE (IN RS.) | TOTAL (IN RS.)  |
|-----|---|------|-----------|---------------------|-----------------|
| 1   | <p><b>Earth Work (AR0115) :</b><br/> <b>Filling foundation and plinth with sand well watered and rammed -</b><br/>           Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T &amp; P required for the work etc. complete and as per direction of Engineer-in charge.</p> | Cum  | 9.5852368 | 1211.447732         | 11612.013382043 |

|   |  |     |               |               |                 |
|---|--|-----|---------------|---------------|-----------------|
| 2 | <p><b>Plastering (AR1004) : 12mm thick cement plaster (1:6) over Brick work in inside</b> - 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 &amp; P required for the work etc. comp.and as per direction of Engineer-in-charge.</p>              | Sqm | 286.30382025  | 177.171428156 | 50724.856720211 |
| 3 | <p><b>Plastering (AR1014) : 16mm thick cement Plaster in CM (1:6) over brick work in inside.</b> - 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 &amp; P required for the work etc comp.and as per direction of Engineer-in-charge.</p> | Sqm | 329.571998955 | 252.88738146  | 83344.599818268 |

|   |   |     |              |               |                 |
|---|---|-----|--------------|---------------|-----------------|
| 4 | <p style="text-align: center;"><b>Masonry</b></p> <p><b>Brick Work (AR0603b) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth -</b> 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 ±8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&amp;P required for the work, etc. complete and as per direction of Engineer-in-charge.</p> | Cum | 24.423877128 | 5306.22145004 | 129598.50070973 |
|---|---|-----|--------------|---------------|-----------------|

|   |   |     |              |              |                 |
|---|---|-----|--------------|--------------|-----------------|
| 5   | <p align="center"><b>Concrete (AR0307) :</b><br/> <b>Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum -</b> 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&amp;P required for the work etc. complete as per specificaion and direction of Engineer-in charge.</p> | Cum | 24.464016192 | 7414.7360886 | 181394.22373092 |
| <b>Total Amount (in Rs.): 456674.19436117</b> |   |     |              |              |                 |

## LABOUR STATEMENT

| SI.No. | Activity Name  | Qty/unit(B=Analysis Basic Qty/HeaderUnit) | Quantity(Meaurement Qty) | Unit |
|--------|--|---|--------------------------|------|
| 1      | <p><b>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 &amp; P required for the work etc. complete and as per direction of Engineer-in charge.</p> | -   | 9.5852368                | Cum  |
| i      | Un-Skilled   | 0.1236                                    | 1.18473526848            | -    |

|    |  |      |               |     |
|----|--|------|---------------|-----|
| 2  | <p><b>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 &amp; P required for the work etc. comp.and as per direction of Engineer-in-charge.</b></p>              | -    | 286.30382025  | Sqm |
| i  | Un-Skilled   | 0.12 | 34.35645843   | -   |
| ii | Skilled  | 0.14 | 40.082534835  | -   |
| 3  | <p><b>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 &amp; P required for the work etc comp.and as per direction of Engineer-in-charge.</b></p> | -    | 329.571998955 | Sqm |
| i  | Un-Skilled   | 0.24 | 79.0972797492 | -   |
| ii | Skilled  | 0.16 | 52.7315198328 | -   |

|     |  |      |                |     |
|-----|--|------|----------------|-----|
| 4   | <p><b>Masonry Brick Work (AR0603b) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth</b><br/> - 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 ±8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&amp;P required for the work, etc. complete and as per direction of Engineer-in-charge.</p> | -    | 24.423877128   | Cum |
| i   | Un-Skilled   | 2.96 | 72.29467629888 | -   |
| ii  | Skilled  | 1.05 | 25.6450709844  | -   |
| iii | Highly-Skilled   | 0.35 | 8.5483569948   | -   |
| 5   | <p><b>Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum -</b><br/> 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&amp;P required for the work etc. complete as per specifaion and direction of Engineer-in charge.</p>  | -    | 24.464016192   | Cum |

|    |            |      |                |   |
|----|------------|------|----------------|---|
| i  | Un-Skilled | 4.6  | 112.5344744832 | - |
| ii | Skilled    | 0.68 | 16.63553101056 | - |

| SI.No.        | Labour Type    | Qty Unit        | Rate | Amount                 |
|---------------|----------------|-----------------|------|------------------------|
| 1             | Un-Skilled     | 299.46762422976 | 462  | 138354.04239415        |
| 2             | Skilled        | 135.09465666276 | 562  | 75923.197044471        |
| 3             | Highly-Skilled | 8.5483569948    | 612  | 5231.5944808176        |
| <b>Total:</b> |                |                 |      | <b>219508.83391944</b> |

## MATERIAL STATEMENT

| SI.No. | Activity Name/Material   | Qty/unit (B=Analysis Basic Qty/Header Unit) | Quantity (Meaurement Qty) | Unit  |
|--------|--|---|---------------------------|-------|
| 1      | <b>Earth Work (AR0115)</b><br>:.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. | -   | <b>9.5852368</b>          | Cum   |
| i)     | <b>BRM029</b> : Sand for filling and road blinding   | 1   | 9.5852368                 | 1 Cum |

|     |   |        |                      |         |
|-----|---|--------|----------------------|---------|
| 2   | <b>Plastering (AR1004)</b><br><b>::12mm thick cement plaster (1:6) over Brick work in inside</b> - 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.              | -      | <b>286.30382025</b>  | Sqm     |
| i)  | <b>BRM340</b> : Cement  | 0.0358 | 10.24967676495       | 1 Qntl. |
| ii) | <b>BRM028</b> : Screened and washed sharp sand for mortar   | 0.015  | 4.29455730375        | 1 Cum   |
| 3   | <b>Plastering (AR1014)</b><br><b>::16mm thick cement Plaster in CM (1:6) over brick work in inside.</b> - 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. | -      | <b>329.571998955</b> | Sqm     |
| i)  | <b>BRM340</b> : Cement  | 0.043  | 14.171595955065      | 1 Qntl. |
| ii) | <b>BRM028</b> : Screened and washed sharp sand for mortar   | 0.018  | 5.93229598119        | 1 Cum   |

|      |  |       |                 |          |
|------|--|-------|-----------------|----------|
| 4    | <p><b>Masonry Brick Work (AR0603b) :.Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth</b><br/> - 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 ±8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&amp;P required for the work, etc. complete and as per direction of Engineer-in-charge.</p> | -     | 24.423877128    | Cum      |
| i)   | <b>BRM340</b> : Cement   | 0.672 | 16.412845430016 | 1 Qntl.  |
| ii)  | <b>BRM028</b> : Screened and washed sharp sand for mortar  | 0.28  | 6.83868559584   | 1 Cum    |
| iii) | <b>BRM005</b> : Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm <sup>2</sup> with dimensional tolerance ± 2 %  | 350   | 8548.3569948    | 1000 Nos |
| 5    | <p><b>Concrete (AR0307) :.Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum -</b><br/> 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&amp;P required for the work etc. complete as per specifaion and direction of Engineer-in charge.</p>  | -     | 24.464016192    | Cum      |
| i)   | <b>BRM340</b> : Cement   | 3.23  | 79.01877230016  | 1 Qntl.  |

|      |  |      |               |        |
|------|--|------|---------------|--------|
| ii)  | <b>BRM028</b> : Screened and washed sharp sand for mortar  | 0.45 | 11.0088072864 | 1 Cum  |
| iii) | <b>BRM056</b> : Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve & retained on 9.50mm sieve but whole should pass through 19mm sieve) (Crusher broken) | 0.9  | 22.0176145728 | 1 Cum. |

| Sl.No.                        | Material Name | Qty             | Unit     | Rate    | Amount          |
|-------------------------------|---------------|-----------------|----------|---------|-----------------|
| 1                             | <b>BRM029</b> | 9.5852368       | 1 Cum    | 1102.1  | 10563.88947728  |
| 2                             | <b>BRM340</b> | 119.85289045019 | 1 Qntl.  | 572.954 | 68670.192994999 |
| 3                             | <b>BRM028</b> | 28.07434616718  | 1 Cum    | 1108.49 | 31120.131982857 |
| 4                             | <b>BRM005</b> | 8548.3569948    | 1000 Nos | 6.59565 | 56381.970812753 |
| 5                             | <b>BRM056</b> | 22.0176145728   | 1 Cum.   | 2234.62 | 49201.00187667  |
| <b>Total: 215937.18714456</b> |               |                 |          |         |                 |

#### ROYALTY STATEMENT

| S/N                           | Material Name | Qty            | Unit   | Royalty Rate | Amount          |
|-------------------------------|---------------|----------------|--------|--------------|-----------------|
| 1                             | <b>BRM029</b> | 9.5852368      | 1 Cum  | 40.25        | 385.8057812     |
| 2                             | <b>BRM028</b> | 28.07434616718 | 1 Cum  | 43.25        | 1214.2154717305 |
| 3                             | <b>BRM056</b> | 22.0176145728  | 1 Cum. | 152.5        | 3357.686222352  |
| <b>Total: 4957.7074752825</b> |               |                |        |              |                 |

#### ADDITION COMPONENT

| Sl.No. | Item Name                            | Amount (in Rs.) |
|--------|--------------------------------------|-----------------|
| 1      | Provision for PH Work @ Rs. 42001    | Rs. 42001       |
| 2      | Provision for EI Work @ Rs. 35324    | Rs. 35324       |
| 3      | Provision for Contingency @ Rs. 5500 | Rs. 5500        |
| 4      | Display Citizen Board @ Rs. 5000     | Rs. 5000        |

|  |                                 |          |
|--|---------------------------------|----------|
| 5  | Any Other Lumpsum @<br>Rs. 5500 | Rs. 5500 |
| <b>Total Addition Component Amount (in Rs.): 93325</b> |                                 |          |

**Total Net Amount (in Rs.): 549999.19436117**