

| ESTIMATION DPR |        |          |         |       |         |                |            |
|----------------|--------|----------|---------|-------|---------|----------------|------------|
| State          | Odisha | District | Khordha | Block | Chilika | Gram Panchayat | Sananasiri |

|                  |  |  |  |  |  |  |  |
|------------------|--|--|--|--|--|--|--|
| Work Code        | OD/362/3462/119647/408199/00063422 (Repair & Maintenance of Govt. PS,Sananairi.) |  |  |  |  |  |  |
| Project Category | Building   |  |  |  |  |  |  |

|                      |   |                       |                        |
|----------------------|---|-----------------------|------------------------|
| Financial Year       | 2024-25   | Execution Level       | PS                     |
| Executing Agency     | Panchayat Samiti, Chilika                             | Proposal Date         | -                      |
| Date of Commencement | -   | Date of Completion    |                        |
| Scheme Name          | Asset Management School and Mass Education Department | Scheme Component Name | Self/Personal Deposit  |
| Project Sub-Category | Kalyan Mandap   | Project Type          | Repair and Maintenance |
| Name of Executant    |   |                       |                        |

### Administrative Approval Details

|              |  |
|--------------|--|
| Approval No. |  |
|--------------|--|

### Technical Sanction Details

|                               |        |
|-------------------------------|--------|
| Technical Sanction No.        |        |
| Fund Sanction No.             | 325    |
| Fund Sanction Amount (in Rs.) | 150000 |

### ACTIVITY STATEMENT

| S/N | ACTIVITY TAKEN | UNIT | QUANTITY | UNIT PRICE (IN RS.) | TOTAL (IN RS.) |
|-----|----------------|------|----------|---------------------|----------------|
|-----|----------------|------|----------|---------------------|----------------|

|   |  |     |            |             |                 |
|---|--|-----|------------|-------------|-----------------|
| 1 | <p style="text-align: center;"><b>Earth Work (AR0102aa)</b><br/> <b>: Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift -</b><br/> Earth work in hard soil or gravelly soil foundation &amp; 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</p> | Cum | 5.521776   | 240.77592   | 1329.5106964339 |
| 2 | <p style="text-align: center;"><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 | 2.87911064 | 1214.477732 | 3496.6157602443 |

|   |  |     |             |              |                 |
|---|--|-----|-------------|--------------|-----------------|
| 3 | <p style="text-align: center;"><b>Concrete<br/>(AR0303a) :</b><br/> <b>Cement concrete<br/>(1:3:6) with 4<br/>cm. hard<br/>granite(Hand<br/>Broken) metal -</b><br/> Cement concrete<br/>(1:3:6) with 4 cm.<br/>hard granite(Hand<br/>Broken) metal<br/>including laying in<br/>layers not<br/>exceeding 300 mm<br/>in depth, ramming,<br/>compacting to<br/>proper thickness,<br/>watering and<br/>curing for proper<br/>period with cost<br/>conveyance,<br/>royalty, taxes of all<br/>materials, labour<br/>and T&amp;P required<br/>for the work etc.<br/>complete and as<br/>per direction of<br/>Engineer-in<br/>charge.</p> | Cum | 3.508876272 | 5824.8348118 | 20438.624659445 |
| 4 | <p style="text-align: center;"><b>Plastering<br/>(AR1014) : 16mm<br/>thick cement<br/>Plaster in CM<br/>(1:6) over brick<br/>work in inside. -</b><br/> 16mm thick<br/>cement Plaster in<br/>CM (1:6) over brick<br/>work in inside<br/>including racking<br/>out joints finishing<br/>smooth with proper<br/>plumb and line,<br/>curing for proper<br/>period with cost<br/>conveyance,<br/>royalty, taxes of all<br/>materials, labour<br/>and T &amp; P required<br/>for the work etc<br/>comp.and as per<br/>direction of<br/>Engineer-in-<br/>charge.</p>   | Sqm | 18.116085   | 252.88738146 | 4581.3292979568 |

|   |   |     |             |                 |                |
|---|---|-----|-------------|-----------------|----------------|
| 5 | <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> | Sqm | 21.12335511 | 177.171428156   | 3742.454992285 |
| 6 | <p><b>Dismantling (AR1612) : Dismantling and removing 2.5 cm. thick artificial stone flooring - Dismantling and removing 2.5 cm. thick artificial stone flooring including stacking the useful materials for reuse and removing the debris within 50m lead and as per direction of Engineer-in-Charge.</b></p>  | Sqm | 52.304389   | 100.34838709677 | 5248.661074232 |

|   |  |     |               |               |                 |
|---|--|-----|---------------|---------------|-----------------|
| 7 | <p style="text-align: center;"><b>Flooring<br/>(AR0802ii) : 2.5<br/>cm thick A.S.<br/>flooring in C.C<br/>(1:2:4) with 12<br/>mm size HG Hand<br/>broken chips -<br/>2.5 cm thick A.S.<br/>flooring in C.C<br/>(1:2:4) with 12 mm<br/>size HG Hand<br/>broken chips<br/>including punning<br/>incl. cost,<br/>conveyance &amp;<br/>royalty of materials<br/>as per direction of<br/>Engineer-in-<br/>charge.</b></p> | Sqm | 52.304389     | 369.799234156 | 19342.122995198 |
| 8 | <p style="text-align: center;"><b>Masonry<br/>Stone Work<br/>(AR0717) :<br/>Laterite stone<br/>masonry -<br/>Laterite stone<br/>masonry in cement<br/>mortar (1:6) in<br/>foundation and<br/>plinth cost<br/>conveyance,<br/>royalty, taxes of all<br/>materials, labor,<br/>required for the<br/>work, etc. complete<br/>and as per<br/>direction of the<br/>Engineer-in-<br/>charge.</b></p>                       | Cum | 1.52158059456 | 5754.16119704 | 8755.4200153862 |

|   |   |     |             |               |                 |
|---|---|-----|-------------|---------------|-----------------|
| 9   | <p style="text-align: center;"><b>Masonry</b></p> <p><b>Brick Work (AR0603bi) :</b><br/> <b>Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure -</b><br/> 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/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 | 5.687712448 | 5599.81582504 | 31850.142174587 |
| <b>Total Amount (in Rs.): 98784.881665768</b> |   |     |             |               |                 |

## LABOUR STATEMENT

| SI.No. | Activity Name  | Qty/unit(B=Analysis Basic Qty/HeaderUnit) | Quantity(Measurement Qty) | Unit |
|--------|--|---|---------------------------|------|
| 1      | <p><b>Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift -</b><br/> Earth work in hard soil or gravelly soil foundation &amp; 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</p> | -   | 5.521776                  | Cum  |

|   |    |  |        |                |     |
|---|----|--|--------|----------------|-----|
|   | i  | Un-Skilled   | 0.516  | 2.849236416    | -   |
| 2 |    | <b>Earth Work (AR0115)</b><br><b>: 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.  | -      | 2.87911064     | Cum |
|   | i  | Un-Skilled   | 0.1236 | 0.355858075104 | -   |
| 3 |    | <b>Concrete (AR0303a)</b><br><b>: Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal</b> - Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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. | -      | 3.508876272    | Cum |
|   | i  | Un-Skilled   | 3.9    | 13.6846174608  | -   |
|   | ii | Skilled  | 0.18   | 0.63159772896  | -   |

|    |  |      |              |     |
|----|--|------|--------------|-----|
| 4  | <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> | -    | 18.116085    | Sqm |
| i  | Un-Skilled   | 0.24 | 4.3478604    | -   |
| ii | Skilled  | 0.16 | 2.8985736    | -   |
| 5  | <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>              | -    | 21.12335511  | Sqm |
| i  | Un-Skilled   | 0.12 | 2.5348026132 | -   |
| ii | Skilled  | 0.14 | 2.9572697154 | -   |

|    |   |                  |                 |     |
|----|---|------------------|-----------------|-----|
| 6  | <b>Dismantling (AR1612) : Dismantling and removing 2.5 cm. thick artificial stone flooring</b> - Dismantling and removing 2.5 cm. thick artificial stone flooring including stacking the useful materials for reuse and removing the debris within 50m lead and as per direction of Engineer-in-Charge. | -                | 52.304389       | Sqm |
| i  | Un-Skilled  | 0.21505376344086 | 11.248255698925 | -   |
| 7  | <b>Flooring (AR0802ii) : 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG Hand broken chips</b> - 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.    | -                | 52.304389       | Sqm |
| i  | Un-Skilled  | 0.36             | 18.82958004     | -   |
| ii | Highly-Skilled  | 0.13             | 6.79957057      | -   |
| 8  | <b>Masonry Stone Work (AR0717) : Laterite stone masonry</b> - Laterite stone masonry in cement mortar (1:6) in foundation and plinth cost conveyance, royalty, taxes of all materials, labor, required for the work, etc. complete and as per direction of the Engineer-in-charge.                      | -                | 1.52158059456   | Cum |

|   |     |   |       |                 |     |
|---|-----|---|-------|-----------------|-----|
|   | i   | Un-Skilled  | 1.21  | 1.8411125194176 | -   |
|   | ii  | Skilled   | 1.05  | 1.597659624288  | -   |
|   | iii | Highly-Skilled  | 2.295 | 3.4920274645152 | -   |
|   | iv  | Semi-Skilled  | 1.41  | 2.1454286383296 | -   |
| 9 |     | <b>Masonry Brick Work (AR0603bi) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure -</b><br>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/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&P required for the work, etc. complete and as per direction of Engineer-in-charge. | -     | 5.687712448     | Cum |
|   | i   | Un-Skilled  | 2.96  | 16.83562884608  | -   |
|   | ii  | Skilled   | 1.05  | 5.9720980704    | -   |
|   | iii | Highly-Skilled  | 0.35  | 1.9906993568    | -   |

| SI.No. | Labour Type | Qty Unit | Rate | Amount |
|--------|-------------|----------|------|--------|
|--------|-------------|----------|------|--------|

|   |                |                 |     |                               |
|---|----------------|-----------------|-----|-------------------------------|
| 1 | Un-Skilled     | 72.526952069526 | 462 | 33507.451856121               |
| 2 | Skilled        | 14.057198739048 | 562 | 7900.145691345                |
| 3 | Highly-Skilled | 12.282297391315 | 612 | 7516.7660034849               |
| 4 | Semi-Skilled   | 2.1454286383296 | 512 | 1098.4594628248               |
|   |                |                 |     | <b>Total: 50022.823013776</b> |

## MATERIAL STATEMENT

| Sl.No. | Activity Name/Material  | Qty/unit (B=Analysis Basic Qty/Header Unit) | Quantity (Meaurement Qty) | Unit  |
|--------|---|---|---------------------------|-------|
| 1      | <b>Earth Work (AR0102aa) :.Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift -</b><br>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 | -   | <b>5.521776</b>           | Cum   |
| 2      | <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 & P required for the work etc. complete and as per direction of Engineer-in charge.   | -   | <b>2.87911064</b>         | Cum   |
| i)     | <b>BRM029 : Sand for filling and road blinding</b>  | 1   | 2.87911064                | 1 Cum |

|      |  |       |                    |         |
|------|--|-------|--------------------|---------|
| 3    | <p><b>Concrete (AR0303a)</b><br/> <b>:.Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal -</b><br/> Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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&amp;P required for the work etc. complete and as per direction of Engineer-in charge.</p> | -     | <b>3.508876272</b> | Cum     |
| i)   | <b>BRM340</b> : Cement   | 2.29  | 8.03532666288      | 1 Qntl. |
| ii)  | <b>BRM028</b> : Screened and washed sharp sand for mortar  | 0.48  | 1.68426061056      | 1 Cum   |
| iii) | <b>BRM045</b> : Granite Stone broken metal 40mm. size (Hand broken)  | 0.96  | 3.36852122112      | 1 Cum.  |
| 4    | <p><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 &amp; P required for the work etc comp.and as per direction of Engineer-in-charge.</p>   | -     | <b>18.116085</b>   | Sqm     |
| i)   | <b>BRM340</b> : Cement   | 0.043 | 0.778991655        | 1 Qntl. |
| ii)  | <b>BRM028</b> : Screened and washed sharp sand for mortar  | 0.018 | 0.32608953         | 1 Cum   |

|     |   |        |                |         |
|-----|---|--------|----------------|---------|
| 5   | <b>Plastering (AR1004)</b><br>:.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. | -      | 21.12335511    | Sqm     |
| i)  | <b>BRM340</b> : Cement  | 0.0358 | 0.756216112938 | 1 Qntl. |
| ii) | <b>BRM028</b> : Screened and washed sharp sand for mortar   | 0.015  | 0.31685032665  | 1 Cum   |
| 6   | <b>Dismantling (AR1612)</b><br>:.Dismantling and removing 2.5 cm. thick artificial stone flooring - Dismantling and removing 2.5 cm. thick artificial stone flooring including stacking the useful materials for reuse and removing the debris within 50m lead and as per direction of Engineer-in-Charge.  | -      | 52.304389      | Sqm     |
| 7   | <b>Flooring (AR0802ii)</b><br>:.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.   | -      | 52.304389      | Sqm     |
| i)  | <b>BRM340</b> : Cement  | 0.0858 | 4.4877165762   | 1 Qntl. |
| ii) | <b>BRM028</b> : Screened and washed sharp sand for mortar   | 0.012  | 0.627652668    | 1 Cum   |

|      |  |       |                      |         |
|------|--|-------|----------------------|---------|
| iii) | <b>BRM057</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)(Hand broken)   | 0.023 | 1.203000947          | 1 Cum.  |
| 8    | <b>Masonry Stone Work (AR0717) :.Laterite stone masonry -</b> Laterite stone masonry in cement mortar (1:6) in foundation and plinth cost conveyance, royalty, taxes of all materials, labor, required for the work, etc. complete and as per direction of the Engineer-in-charge.   | -     | <b>1.52158059456</b> | Cum     |
| i)   | <b>BRM340</b> : Cement   | 0.572 | 0.87034410008832     | 1 Qntl. |
| ii)  | <b>BRM028</b> : Screened and washed sharp sand for mortar  | 0.24  | 0.3651793426944      | 1 Cum   |
| iii) | <b>BRM079</b> : Laterite Stone rough dressed   | 1     | 1.52158059456        | 1 Cum.  |
| 9    | <b>Masonry Brick Work (AR0603bi) :.Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure -</b> 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/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&P required for the work, etc. complete and as per direction of Engineer-in-charge. | -     | <b>5.687712448</b>   | Cum     |
| i)   | <b>BRMMR0025</b> : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK  | 1     | 5.687712448          | 1 Cum   |
| ii)  | <b>BRM340</b> : Cement   | 0.672 | 3.822142765056       | 1 Qntl. |

|      |   |      |               |          |
|------|---|------|---------------|----------|
| iii) | <b>BRM028</b> : Screened and washed sharp sand for mortar   | 0.28 | 1.59255948544 | 1 Cum    |
| iv)  | <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 $\pm$ 2 % | 350  | 1990.6993568  | 1000 Nos |

| SI.No.                        | Material Name    | Qty             | Unit     | Rate    | Amount          |
|-------------------------------|------------------|-----------------|----------|---------|-----------------|
| 1                             | <b>BRM029</b>    | 2.87911064      | 1 Cum    | 1102.1  | 3173.067836344  |
| 2                             | <b>BRM340</b>    | 18.750737872162 | 1 Qntl.  | 572.954 | 10743.310266807 |
| 3                             | <b>BRM028</b>    | 4.9125919633444 | 1 Cum    | 1108.49 | 5445.5590654476 |
| 4                             | <b>BRM045</b>    | 3.36852122112   | 1 Cum.   | 1649.27 | 5555.6009943566 |
| 5                             | <b>BRM057</b>    | 1.203000947     | 1 Cum.   | 1925.14 | 2315.9452431076 |
| 6                             | <b>BRM079</b>    | 1.52158059456   | 1 Cum.   | 1591.89 | 2422.1889326741 |
| 7                             | <b>BRMMR0025</b> | 5.687712448     | 1 Cum    | 33      | 187.694510784   |
| 8                             | <b>BRM005</b>    | 1990.6993568    | 1000 Nos | 7.3319  | 14595.608614122 |
| <b>Total: 44438.975463643</b> |                  |                 |          |         |                 |

#### ROYALTY STATEMENT

| S/N                           | Material Name | Qty             | Unit   | Royalty Rate | Amount          |
|-------------------------------|---------------|-----------------|--------|--------------|-----------------|
| 1                             | <b>BRM029</b> | 2.87911064      | 1 Cum  | 43.25        | 124.52153518    |
| 2                             | <b>BRM028</b> | 4.9125919633444 | 1 Cum  | 43.25        | 212.46960241465 |
| 3                             | <b>BRM045</b> | 3.36852122112   | 1 Cum. | 199.5        | 672.01998361344 |
| 4                             | <b>BRM057</b> | 1.203000947     | 1 Cum. | 199.5        | 239.9986889265  |
| 5                             | <b>BRM079</b> | 1.52158059456   | 1 Cum. | 169.5        | 257.90791077792 |
| <b>Total: 1506.9177209125</b> |               |                 |        |              |                 |

#### ADDITION COMPONENT

| SI.No. | Item Name                                 | Amount (in Rs.) |
|--------|---|-----------------|
| 1      | Provision for PH Work @<br>Rs. 48500      | Rs. 48500       |
| 2      | Provision for EI Work @<br>Rs. 1500       | Rs. 1500        |
| 3      | Provision for Contingency @<br>Rs. 715.11 | Rs. 715.11      |

|   |                                    |         |
|---|------------------------------------|---------|
| 4   | Display Citizen Board @<br>Rs. 500 | Rs. 500 |
| <b>Total Addition Component Amount (in Rs.): 51215.11</b> |                                    |         |

**Total Net Amount (in Rs.): 149999.99166577**