

| ESTIMATION DPR |        |                 |          |              |          |                  |        |
|----------------|--------|-----------------|----------|--------------|----------|------------------|--------|
| <b>State</b>   | Odisha | <b>District</b> | Rayagada | <b>Block</b> | Rayagada | <b>Panchayat</b> | Kereda |

|                         |   |  |  |  |  |  |  |
|-------------------------|---|--|--|--|--|--|--|
| <b>Work Code</b>        | OD/370/3557/121262/426653/00016731 (Construction of CC road at Bada Attada) |  |  |  |  |  |  |
| <b>Project Category</b> | Road  |  |  |  |  |  |  |

|                             |                            |                              |  |  |  |  |  |
|-----------------------------|----------------------------|------------------------------|--|--|--|--|--|
| <b>Financial Year</b>       | 2024-25                    | <b>Execution Level</b>       | Kereda, G.P  |  |  |  |  |
| <b>Executing Agency</b>     | Panchayat Samiti, Rayagada | <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 and improvement of Road infrastructure |  |  |  |  |
| <b>Project Sub-Category</b> | CC Road                    | <b>Project Type</b>          | New Work   |  |  |  |  |
| <b>Name of Executant</b>    |                            |                              |  |  |  |  |  |

### Administrative Approval Details

|                     |  |
|---------------------|--|
| <b>Approval No.</b> |  |
|---------------------|--|

### Technical Sanction Details

|                                      |        |
|--------------------------------------|--------|
| <b>Technical Sanction No.</b>        |        |
| <b>Fund Sanction No.</b>             | 1130   |
| <b>Fund Sanction Amount (in Rs.)</b> | 186532 |

### ACTIVITY STATEMENT

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

|   |  |     |       |            |                |
|---|--|-----|-------|------------|----------------|
| 1 | <p style="text-align: center;"><b>Earth Work (AR0103a1) : Earthwork in stoney earth and gravels mixed with stone and boulder not exceeding 0.014cum in volume within 50m to 75m lead and 1.5m -</b></p> <p>Earthwork in stoney earth and gravels mixed with stone and boulder not exceeding 0.014cum in volume within 50m to 75m 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 specification approved by the dept.</p> | Cum | 4.296 | 319.837912 | 1374.023669952 |
|---|--|-----|-------|------------|----------------|

|   |   |     |       |               |                |
|---|---|-----|-------|---------------|----------------|
| 2 | <p style="text-align: center;"><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>  | Cum | 6.444 | 574.798272    | 3704.000064768 |
| 3 | <p style="text-align: center;"><b>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&amp;P required for the work etc. complete and as per direction of Engineer-in charge.</p> | Cum | 16.11 | 5276.04646582 | 84997.10856436 |

|   |   |     |        |               |                 |
|---|---|-----|--------|---------------|-----------------|
| 4 | <p><b>Concrete (AR0307) :<br/>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 and as per direction of Engineer-in charge.</p> | Cum | 12.888 | 6861.25767834 | 88427.888958446 |
|---|---|-----|--------|---------------|-----------------|



|   |   |       |             |        |           |   |   |   |   |
|---|---|-------|-------------|--------|-----------|---|---|---|---|
| 1 | <p><b>Earth Work (AR0103 a1) : Earthwork in stoney earth and gravels mixed with stone and boulder not exceeding 0.014cum in volume within 50m to 75m lead and 1.5m -</b></p> <p>Earthwork in stoney earth and gravels mixed with stone and boulder not exceeding 0.014cum in volume within 50m to 75m 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 specification approved by the dept.</p> | 4.296 | Cubic Meter | 0.7006 | 3.0097776 | - | - | - | - |
|---|---|-------|-------------|--------|-----------|---|---|---|---|

|   |  |       |             |        |           |   |   |   |   |
|---|--|-------|-------------|--------|-----------|---|---|---|---|
| 2 | <b>Earth Work (AR0115) : 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 & P required for the work etc. complete and as per direction of Engineer-in charge. | 6.444 | Cubic Meter | 0.1236 | 0.7964784 | - | - | - | - |
|---|--|-------|-------------|--------|-----------|---|---|---|---|

|   |   |       |             |     |        |   |   |      |        |
|---|---|-------|-------------|-----|--------|---|---|------|--------|
| 3 | <p><b>Concrete</b></p> <p><b>(AR0303)</b><br/>):<br/><b>Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal -</b><br/>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&amp;P required for the work etc. complete and as per direction of Engineer-in charge.</p> | 16.11 | Cubic Meter | 3.9 | 62.829 | - | - | 0.18 | 2.8998 |
|---|---|-------|-------------|-----|--------|---|---|------|--------|

|   |  |        |             |     |         |   |   |      |         |
|---|--|--------|-------------|-----|---------|---|---|------|---------|
| 4 | <p><b>Concrete</b></p> <p><b>(AR0307)</b><br/>):<br/><b>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 and as per direction of Engineer-in charge.</p> | 12.888 | Cubic Meter | 4.6 | 59.2848 | - | - | 0.68 | 8.76384 |
|---|--|--------|-------------|-----|---------|---|---|------|---------|

|   |   |       |              |                     |   |                |       |                   |       |
|---|---|-------|--------------|---------------------|---|----------------|-------|-------------------|-------|
| 5   | R.C.C. Work (AR0410 c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc - Rigid and smooth centering 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. foundation, plinth band and footings bases of columns mass concrete precast slabs, etc | 14.32 | Square Meter | -                   | - | 0.05           | 0.716 | 0.05              | 0.716 |
| <b>Total Qty</b>                                  |   |       |              | <b>125.920056</b>   |   | <b>0.716</b>   |       | <b>12.37964</b>   |       |
| <b>Rate Per Man Day</b>                           |   |       |              | <b>452</b>          |   | <b>502</b>     |       | <b>552</b>        |       |
| <b>Total Amount</b>                               |   |       |              | <b>56915.865312</b> |   | <b>359.432</b> |       | <b>6833.56128</b> |       |
| <b>Total Labour Amount (in Rs.): 64108.858592</b> |   |       |              |                     |   |                |       |                   |       |

## MATERIAL STATEMENT

| Sl.No. | Activity Name/Material   | Qty/unit (B=Analysis Basic Qty/Header Unit) | Quantity (Meaurement Qty) | Unit  |
|--------|--|---|---------------------------|-------|
| 1      | <p><b>Earth Work (AR0103a1) :.Earthwork in stoney earth and gravels mixed with stone and boulder not exceeding 0.014cum in volume within 50m to 75m lead and 1.5m -</b></p> <p>Earthwork in stoney earth and gravels mixed with stone and boulder not exceeding 0.014cum in volume within 50m to 75m 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 specification approved by the dept.</p> | -   | 4.296                     | Cum   |
| 2      | <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>   | -   | 6.444                     | Cum   |
| i)     | <b>BRM029</b> : Sand for filling and road blinding   | 1   | 6.444                     | 1 Cum |

|      |  |      |               |         |
|------|--|------|---------------|---------|
| 3    | <p><b>Concrete (AR0303)</b><br/> <b>:.Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal -</b><br/> 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&amp;P required for the work etc. complete and as per direction of Engineer-in charge.</p> | -    | <b>16.11</b>  | Cum     |
| i)   | <b>BRM340 : Cement</b>   | 2.29 | 36.8919       | 1 Qntl. |
| ii)  | <b>BRM028 : Screened and washed sharp sand for mortar</b>  | 0.48 | 7.7328        | 1 Cum   |
| iii) | <b>BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)</b>   | 0.96 | 15.4656       | 1 Cum.  |
| 4    | <p><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 and as per direction of Engineer-in charge.</p>              | -    | <b>12.888</b> | Cum     |

|      |  |         |              |         |
|------|--|---------|--------------|---------|
| i)   | <b>BRM340</b> : Cement   | 3.23    | 41.62824     | 1 Qntl. |
| ii)  | <b>BRM028</b> : Screened and washed sharp sand for mortar  | 0.45    | 5.7996       | 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     | 11.5992      | 1 Cum.  |
| 5    | <b>R.C.C. Work (AR0410c) :R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc - Rigid and smooth centering 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. foundation, plinth band and footings bases of columns mass concrete precast slabs, etc</b> | -       | <b>14.32</b> | Sqm     |
| i)   | <b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)  | 0.00267 | 0.0382344    | 1Cum.   |
| ii)  | <b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.  | 0.126   | 1.80432      | 1Mtr.   |

| Sl.No. | Material Name | Qty      | Unit    | Rate    | Amount         |
|--------|---------------|----------|---------|---------|----------------|
| 1      | <b>BRM029</b> | 6.444    | 1 Cum   | 373.99  | 2409.99156     |
| 2      | <b>BRM340</b> | 78.52014 | 1 Qntl. | 577.027 | 45308.24082378 |
| 3      | <b>BRM028</b> | 13.5324  | 1 Cum   | 378.93  | 5127.832332    |
| 4      | <b>BRM044</b> | 15.4656  | 1 Cum.  | 1356.21 | 20974.601376   |

|                               |               |           |        |           |                 |
|-------------------------------|---------------|-----------|--------|-----------|-----------------|
| 5                             | <b>BRM056</b> | 11.5992   | 1 Cum. | 1802.83   | 20911.385736    |
| 6                             | <b>BRM104</b> | 0.0382344 | 1Cum.  | 58573.086 | 2239.5067993584 |
| 7                             | <b>BRM092</b> | 1.80432   | 1Mtr.  | 229.106   | 413.38053792    |
| <b>Total: 97384.939165058</b> |               |           |        |           |                 |

### ROYALTY STATEMENT

| S/N                     | Material Name | Qty     | Unit   | Royalty Rate | Amount    |
|-------------------------|---------------|---------|--------|--------------|-----------|
| 1                       | <b>BRM029</b> | 6.444   | 1 Cum  | 139.25       | 897.327   |
| 2                       | <b>BRM028</b> | 13.5324 | 1 Cum  | 139.25       | 1884.3867 |
| 3                       | <b>BRM044</b> | 15.4656 | 1 Cum. | 157          | 2428.0992 |
| 4                       | <b>BRM056</b> | 11.5992 | 1 Cum. | 157          | 1821.0744 |
| <b>Total: 7030.8873</b> |               |         |        |              |           |

### ADDITION COMPONENT

| Sl.No.   | Item Name                           | Amount (in Rs.)     |
|--|-------------------------------------|---------------------|
| 1  | Provision for Contingency @<br>1%   | Rs. 1815.8504172382 |
| 2  | Display Citizen Board @<br>Rs. 2000 | Rs. 2000            |
| 3  | Any Other Lumpsum @<br>Rs. 1131     | Rs. 1131            |
| <b>Total Addition Component Amount (in Rs.): 4946.8504172382</b> |                                     |                     |

**Total Net Amount (in Rs.): 186531.89214106**