

| ESTIMATION DPR |        |                 |         |              |        |                       |            |
|----------------|--------|-----------------|---------|--------------|--------|-----------------------|------------|
| <b>State</b>   | Odisha | <b>District</b> | Bargarh | <b>Block</b> | Bheden | <b>Gram Panchayat</b> | Luhakhandi |

|                         |  |
|-------------------------|--|
| <b>Work Code</b>        | OD/347/3315/116443/380578/00074461 (Improvement of Road from Achhandapali to Mahadeb Mandir) |
| <b>Project Category</b> | Road   |

|                             |                          |                              |                          |
|-----------------------------|--------------------------|------------------------------|--------------------------|
| <b>Financial Year</b>       | 2024-25                  | <b>Execution Level</b>       | PS                       |
| <b>Executing Agency</b>     | Panchayat Samiti, Bheden | <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> | All Weather Connectivity |
| <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>        | OD/347/3315/116443/380578/00074461/TS |
| <b>Fund Sanction No.</b>             | 28963                                 |
| <b>Fund Sanction Amount (in Rs.)</b> | 300000                                |

### 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  | 60.225   | 564.249832          | 33981.9461322  |

|   |   |     |       |          |             |
|---|---|-----|-------|----------|-------------|
| 2 | <p><b>miscellaneous (ARM287) :<br/>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.</b></p> | Sqm | 401.5 | 623.4468 | 250313.8902 |
|---|---|-----|-------|----------|-------------|

|   |  |     |   |               |                |
|---|--|-----|---|---------------|----------------|
| 3   | <p align="center"><b>Concrete (AR0303) :</b><br/> <b>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 | 2 | 5386.60845296 | 10773.21690592 |
| <b>Total Amount (in Rs.): 295069.05323812</b> |  |     |   |               |                |

### LABOUR STATEMENT

| SI.No. | Activity Name  | Qty/unit(B=Analysis Basic Qty/HeaderUnit) | Quantity(Measurement 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> | -   | 60.225                    | Cum  |
| i      | Un-Skilled   | 0.1236                                    | 7.44381                   | -    |

|   |  |      |       |     |
|---|--|------|-------|-----|
| 2 | <p><b>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 -</b><br/> 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.</p> | -    | 401.5 | Sqm |
| 3 | <p><b>Concrete (AR0303) : 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>   | -    | 2     | Cum |
| i | Skilled  | 0.18 | 0.36  | -   |

|    |            |     |     |   |
|----|------------|-----|-----|---|
| ii | Un-Skilled | 3.9 | 7.8 | - |
|----|------------|-----|-----|---|

| Sl.No. | Labour Type | Qty Unit | Rate | Amount                   |
|--------|-------------|----------|------|--------------------------|
| 1      | Un-Skilled  | 15.24381 | 462  | 7042.64022               |
| 2      | Skilled     | 0.36     | 562  | 202.32                   |
|        |             |          |      | <b>Total: 7244.96022</b> |

## MATERIAL STATEMENT

| Sl.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>60.225</b>             | Cum   |
| i)     | <b>BRM029</b> : Sand for filling and road blinding   | 1   | 60.225                    | 1 Cum |

|     |  |      |        |       |
|-----|--|------|--------|-------|
| 2   | <p><b>miscellaneous(ARM28 7) :.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 -</b></p> <p>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.</p> | -    | 401.5  | Sqm   |
| i)  | <b>BRM029</b> : Sand for filling and road blinding   | 0.03 | 12.045 | 1 Cum |
| ii) | <b>BRMM287</b> : 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)   | 1    | 401.5  | 1 Sqm |

|      |   |      |      |         |
|------|---|------|------|---------|
| 3    | <b>Concrete (AR0303)</b><br>:.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. | -    | 2    | Cum     |
| i)   | <b>BRM340</b> : Cement  | 2.29 | 4.58 | 1 Qntl. |
| ii)  | <b>BRM028</b> : Screened and washed sharp sand for mortar   | 0.48 | 0.96 | 1 Cum   |
| iii) | <b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)  | 0.96 | 1.92 | 1 Cum.  |

| SI.No.                     | Material Name  | Qty   | Unit    | Rate    | Amount     |
|----------------------------|----------------|-------|---------|---------|------------|
| 1                          | <b>BRM029</b>  | 72.27 | 1 Cum   | 336.31  | 24305.1237 |
| 2                          | <b>BRMM287</b> | 401.5 | 1 Sqm   | 608.4   | 244272.6   |
| 3                          | <b>BRM340</b>  | 4.58  | 1 Qntl. | 637.012 | 2917.51496 |
| 4                          | <b>BRM028</b>  | 0.96  | 1 Cum   | 343.94  | 330.1824   |
| 5                          | <b>BRM044</b>  | 1.92  | 1 Cum.  | 1289.29 | 2475.4368  |
| <b>Total: 274300.85786</b> |                |       |         |         |            |

#### ROYALTY STATEMENT

| S/N                      | Material Name | Qty   | Unit   | Royalty Rate | Amount     |
|--------------------------|---------------|-------|--------|--------------|------------|
| 1                        | <b>BRM029</b> | 72.27 | 1 Cum  | 165.25       | 11942.6175 |
| 2                        | <b>BRM028</b> | 0.96  | 1 Cum  | 165.25       | 158.64     |
| 3                        | <b>BRM044</b> | 1.92  | 1 Cum. | 249.5        | 479.04     |
| <b>Total: 12580.2975</b> |               |       |        |              |            |

#### ADDITION COMPONENT

| SI.No. | Item Name | Amount (in Rs.) |
|--------|-----------|-----------------|
|--------|-----------|-----------------|

|   |   |            |
|---|---|------------|
| 1   | Provision for Contingency @<br>Rs. 3000 | Rs. 3000   |
| 2   | Display Citizen Board @<br>Rs. 1930.5   | Rs. 1930.5 |
| <b>Total Addition Component Amount (in Rs.): 4930.5</b> |   |            |

**Total Net Amount (in Rs.): 299999.55323812**