

## ESTIMATION DPR

|              |        |                 |          |              |        |                       |         |
|--------------|--------|-----------------|----------|--------------|--------|-----------------------|---------|
| <b>State</b> | Odisha | <b>District</b> | Balasore | <b>Block</b> | Khaira | <b>Gram Panchayat</b> | Sardang |
|--------------|--------|-----------------|----------|--------------|--------|-----------------------|---------|

|                         |  |
|-------------------------|--|
| <b>Work Code</b>        | OD/346/3304/116227/393672/00065375 (Imp. of road from Pahal Sethi house to Bakreswar Mahadev at Sardanga.) |
| <b>Project Category</b> | Road   |

|                             |                          |                              |  |
|-----------------------------|--------------------------|------------------------------|--|
| <b>Financial Year</b>       | 2024-25                  | <b>Execution Level</b>       | PS   |
| <b>Executing Agency</b>     | Panchayat Samiti, Khaira | <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>          | Upgradation or Improvement                         |
| <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>             | 6908   |
| <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>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 | 13.73647968 | 7322.1455809 | 100580.50398603 |
| 2 | <p style="text-align: center;"><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&amp;P required for the work etc. complete and as per direction of Engineer-in charge.</p>          | Cum | 13.73647968 | 5671.6688067 | 77908.763314924 |

|   |  |     |             |                 |                 |
|---|--|-----|-------------|-----------------|-----------------|
| 3   | <b>R.C.C. Work (AR0410c) :</b><br><b>R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc</b> - Rigid and smooth centring 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 | Sqm | 18.02689812 | 216.23489289764 | 3898.0443842549 |
| <b>Total Amount (in Rs.): 182387.31168521</b> |  |     |             |                 |                 |

#### LABOUR STATEMENT

| SI.No. | Activity Name  | Qty/unit(B=Analysis Basic Qty/HeaderUnit) | Quantity(Meaurement Qty) | Unit |
|--------|--|---|--------------------------|------|
| 1      | <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&P required for the work etc. complete as per specifcaion and direction of Engineer-in charge. | -   | 13.73647968              | Cum  |
| i      | Un-Skilled   | 4.6                                       | 63.187806528             | -    |

|   |    |  |      |              |     |
|---|----|--|------|--------------|-----|
|   | ii | Skilled  | 0.68 | 9.3408061824 | -   |
| 2 |    | <b>Concrete (AR0303a)<br/>: Cement concrete<br/>(1:3:6) with 4 cm.<br/>hard granite(Hand<br/>Broken) metal -<br/>Cement concrete<br/>(1:3:6) with 4 cm. hard<br/>granite(Hand Broken)<br/>metal including laying in<br/>layers not exceeding<br/>300 mm in depth,<br/>ramming, compacting<br/>to proper thickness,<br/>watering and curing for<br/>proper period with cost<br/>conveyance, royalty,<br/>taxes of all materials,<br/>labour and T&amp;P<br/>required for the work<br/>etc. complete and as<br/>per direction of<br/>Engineer-in charge.</b> | -    | 13.73647968  | Cum |
|   | i  | Un-Skilled   | 3.9  | 53.572270752 | -   |
|   | ii | Skilled  | 0.18 | 2.4725663424 | -   |
| 3 |    | <b>R.C.C. Work<br/>(AR0410c) : R.C.C.<br/>foundation , plinth<br/>band and footings<br/>bases of columns<br/>mass concrete<br/>precast slabs etc -<br/>Rigid and smooth<br/>centring and shuttering<br/>for R.C.C. works<br/>including false works<br/>and dismantling them<br/>after casting including<br/>cost of materials<br/>complete in ground<br/>floor R.C.C.<br/>foundation, plinth band<br/>and footings bases of<br/>columns mass concrete<br/>precast slabs, etc</b>   | -    | 18.02689812  | Sqm |
|   | i  | Semi-Skilled   | 0.05 | 0.901344906  | -   |

|    |         |      |             |   |
|----|---------|------|-------------|---|
| ii | Skilled | 0.05 | 0.901344906 | - |
|----|---------|------|-------------|---|

| Sl.No.                        | Labour Type  | Qty Unit      | Rate | Amount          |
|-------------------------------|--------------|---------------|------|-----------------|
| 1                             | Un-Skilled   | 116.76007728  | 462  | 53943.15570336  |
| 2                             | Skilled      | 12.7147174308 | 562  | 7145.6711961096 |
| 3                             | Semi-Skilled | 0.901344906   | 512  | 461.488591872   |
| <b>Total: 61550.315491342</b> |              |               |      |                 |

### MATERIAL STATEMENT

| Sl.No. | Activity Name/Material  | Qty/unit (B=Analysis Basic Qty/Header Unit) | Quantity (Meaurement Qty) | Unit    |
|--------|---|---|---------------------------|---------|
| 1      | <b>Concrete (AR0307)</b><br>:.Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum -<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&P required for the work etc. complete as per specifaion and direction of Engineer-in charge. | -   | <b>13.73647968</b>        | Cum     |
| i)     | <b>BRM340</b> : Cement  | 3.23  | 44.3688293664             | 1 Qntl. |
| ii)    | <b>BRM028</b> : Screened and washed sharp sand for mortar   | 0.45  | 6.181415856               | 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   | 12.362831712              | 1 Cum.  |

|      |  |         |                 |         |
|------|--|---------|-----------------|---------|
| 2    | <b>Concrete (AR0303a)</b><br>:.Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal -<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&P required for the work etc. complete and as per direction of Engineer-in charge. | -       | 13.73647968     | Cum     |
| i)   | <b>BRM340</b> : Cement   | 2.29    | 31.4565384672   | 1 Qntl. |
| ii)  | <b>BRM028</b> : Screened and washed sharp sand for mortar  | 0.48    | 6.5935102464    | 1 Cum   |
| iii) | <b>BRM045</b> : Granite Stone broken metal 40mm. size (Hand broken)  | 0.96    | 13.1870204928   | 1 Cum.  |
| 3    | <b>R.C.C. Work (AR0410c) :.R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc -</b><br>Rigid and smooth centring 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  | -       | 18.02689812     | Sqm     |
| i)   | <b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)  | 0.00267 | 0.0481318179804 | 1Cum.   |
| ii)  | <b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.  | 0.126   | 2.27138916312   | 1Mtr.   |

| SI.No. | Material Name | Qty           | Unit    | Rate    | Amount          |
|--------|---------------|---------------|---------|---------|-----------------|
| 1      | <b>BRM340</b> | 75.8253678336 | 1 Qntl. | 561.987 | 42612.870992701 |

|                               |               |                 |        |           |                 |
|-------------------------------|---------------|-----------------|--------|-----------|-----------------|
| 2                             | <b>BRM028</b> | 12.7749261024   | 1 Cum  | 1058.39   | 13520.854037519 |
| 3                             | <b>BRM056</b> | 12.362831712    | 1 Cum. | 2206.45   | 27277.970030942 |
| 4                             | <b>BRM045</b> | 13.1870204928   | 1 Cum. | 1597.19   | 21062.177260895 |
| 5                             | <b>BRM104</b> | 0.0481318179804 | 1Cum.  | 58573.086 | 2819.2291139023 |
| 6                             | <b>BRM092</b> | 2.27138916312   | 1Mtr.  | 229.106   | 520.38888560577 |
| <b>Total: 107813.49032157</b> |               |                 |        |           |                 |

### ROYALTY STATEMENT

| S/N                           | Material Name | Qty           | Unit   | Royalty Rate | Amount          |
|-------------------------------|---------------|---------------|--------|--------------|-----------------|
| 1                             | <b>BRM028</b> | 12.7749261024 | 1 Cum  | 40.25        | 514.1907756216  |
| 2                             | <b>BRM056</b> | 12.362831712  | 1 Cum. | 149.5        | 1848.243340944  |
| 3                             | <b>BRM045</b> | 13.1870204928 | 1 Cum. | 149.5        | 1971.4595636736 |
| <b>Total: 4333.8936802392</b> |               |               |        |              |                 |

### ADDITION COMPONENT

| Sl.No.   | Item Name                           | Amount (in Rs.)     |
|--|-------------------------------------|---------------------|
| 1  | Provision for Contingency @<br>0.5% | Rs. 911.93655842605 |
| 2  | Display Citizen Board @<br>Rs. 1500 | Rs. 1500            |
| 3  | Any Other Lumpsum @<br>Rs. 1732     | Rs. 1732            |
| <b>Total Addition Component Amount (in Rs.): 4143.9365584261</b> |                                     |                     |

**Total Net Amount (in Rs.): 186531.24824364**