| ESTIMATION DPR | | | | | | | |
|---|---|---|---|---|---|---|---|
| **State** | Odisha | **District** | Kendrapara | **Block** | Garadapur | **Gram Panchayat** | Garadapur |

| | |
|---|---|
| **Work Code** | OD/360/3436/119081/396806/00029103 (Repair& maintenance of C C road from Budhi jagulai to Veterinary Hospital, Garadpur) |
| **Project Category** | Road |

| | | | |
|---|---|---|---|
| **Financial Year** | 2024-25 | **Execution Level** | PS |
| **Executing Agency** | Panchayat Samiti, Garadapur | **Proposal Date** | - |
| **Date of Commencement** | 10-11-2025 | **Date of Completion** | 25-11-2025 |
| **Scheme Name** | 5th SFC Grant in Aid | **Scheme Component Name** | MAINTENANCE OF ROADS AND BRIDGES |
| **Project Sub-Category** | CC Road | **Project Type** | Repair and Maintenance |
| **Name of Executant** | Priyabrata Das JE | | |

## Administrative Approval Details

| | |
|---|---|
| **Approval No.** | OD/360/3436/119081/396806/00029103/AS |

## Technical Sanction Details

| | |
|---|---|
| **Technical Sanction No.** | OD/360/3436/119081/396806/00029103/TS |
| **Fund Sanction No.** | 29781 |
| **Fund Sanction Amount (in Rs.)** | 200000 |

## ACTIVITY STATEMENT

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

| | | | | | |
|---|---|---|---|---|---|
| 1 | **Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift -** 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 | Cum | 4.5125 | 240.77592 | 75364.445177178 |
| 2 | **Earth Work (AR0115) : 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. | Cum | 13.1765 | 560.088632 | 75364.445177178 |

| | | | | | |
|---|---|---|---|---|---|
| 3 | **Concrete (AR0303) : 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. | Cum | 17.689 | 6097.09832818 | 75364.445177178 |
| 4 | **R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc -** 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 | 19.855 | 216.23489289764 | 75364.445177178 |

| | | | | | |
|---|---|---|---|---|---|
| 5 | **Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum -** 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 specificaion and direction of Engineer-in charge. | Cum | 9.882375 | 7626.14707266 | 75364.445177178 |
| | | | | | **Total Amount (in Rs.): 195975.87050139** |

## LABOUR STATEMENT

| Sl.No. | Activity Name | Qty/unit(B=Analysis Basic Qty/HeaderUnit) | Quantity(Meaurement Qty) | Unit |
|---|---|---|---|---|
| 1 | **Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift -** 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 | - | 4.5125 | Cum |

| | | | | |
|---|---|---|---|---|
| i | Un-Skilled | 0.516 | 2.32845 | - |
| 2 | **Earth Work (AR0115) : 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. | - | 13.1765 | Cum |
| i | Un-Skilled | 0.1236 | 1.6286154 | - |
| 3 | **Concrete (AR0303) : 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. | - | 17.689 | Cum |
| i | Skilled | 0.18 | 3.18402 | - |
| ii | Un-Skilled | 3.9 | 68.9871 | - |

| | | | | |
|---|---|---|---|---|
| 4 | **R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc -** 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 | - | 19.855 | Sqm |
| i | Semi-Skilled | 0.05 | 0.99275 | - |
| ii | Skilled | 0.05 | 0.99275 | - |
| 5 | **Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum -** 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 specificaion and direction of Engineer-in charge. | - | 9.882375 | Cum |
| i | Un-Skilled | 4.6 | 45.458925 | - |
| ii | Skilled | 0.68 | 6.720015 | - |

| Sl.No. | Labour Type | Qty Unit | Rate | Amount |
|---|---|---|---|---|
| 0 | Un-Skilled | 118.4030904 | 462 | 54702.2277648 |
| 1 | Skilled | 10.896785 | 562 | 6123.99317 |
| 2 | Semi-Skilled | 0.99275 | 512 | 508.288 |
| | | | | **Total: 61334.5089348** |

## MATERIAL STATEMENT

| Sl.No. | Activity Name/Material | Qty/unit (B=Analysis Basic Qty/Header Unit) | Quantity (Meaurement Qty) | Unit |
|---|---|---|---|---|
| 1 | **Earth Work (AR0102aa) :.Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift -** 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 | - | **4.5125** | Cum |
| 2 | **Earth Work (AR0115) :.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. | - | **13.1765** | Cum |
| i) | **BRM029 :** Sand for filling and road blinding | 1 | 13.1765 | 1 Cum |

| | | | | |
|---|---|---|---|---|
| 3 | **Concrete (AR0303) :.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. | - | **17.689** | Cum |
| i) | **BRM340 :** Cement | 2.29 | 40.50781 | 1 Qntl. |
| ii) | **BRM028 :** Screened and washed sharp sand for mortar | 0.48 | 8.49072 | 1 Cum |
| iii) | **BRM044 :** Granite Stone broken metal 40mm. size (Crusher broken) | 0.96 | 16.98144 | 1 Cum. |
| 4 | **R.C.C. Work (AR0410c) :.R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc -** 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 | - | **19.855** | Sqm |
| i) | **BRM104 :** Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma) | 0.00267 | 0.05301285 | 1Cum. |
| ii) | **BRM092 :** Non-sal bullahs 75mm. mean dia of any length. | 0.126 | 2.50173 | 1Mtr. |

| | | | | |
|---|---|---|---|---|
| 5 | **Concrete (AR0307) :.Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum -** 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 specificaion and direction of Engineer-in charge. | - | **9.882375** | Cum |
| i) | **BRM340 :** Cement | 3.23 | 31.92007125 | 1 Qntl. |
| ii) | **BRM028 :** Screened and washed sharp sand for mortar | 0.45 | 4.44706875 | 1 Cum |
| iii) | **BRM056 :** 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 | 8.8941375 | 1 Cum. |

| Sl.No. | Material Name | Qty | Unit | Rate | Amount |
|---|---|---|---|---|---|
| 1 | **BRM029** | 13.1765 | 1 Cum | 340.19 | 4482.513535 |
| 2 | **BRM340** | 72.42788125 | 1 Qntl. | 605.327 | 43842.552073419 |
| 3 | **BRM028** | 12.93778875 | 1 Cum | 347.82 | 4500.021683025 |
| 4 | **BRM044** | 16.98144 | 1 Cum. | 2210.75 | 37541.71848 |
| 5 | **BRM104** | 0.05301285 | 1Cum. | 58573.086 | 3105.1262221551 |
| 6 | **BRM092** | 2.50173 | 1Mtr. | 229.106 | 573.16135338 |
| 7 | **BRM056** | 8.8941375 | 1 Cum. | 2654.13 | 23606.197162875 |
| | | | | | **Total: 117651.29050985** |

## ROYALTY STATEMENT

| Sl.No. | Activity Name/Material | Qty/unit (B=Analysis Basic Qty/Header Unit) | Quantity (Meaurement Qty) | Unit |
|---|---|---|---|---|

| | | | | |
|---|---|---|---|---|
| 1 | **Earth Work (AR0102aa) :.Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift -** 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 | - | **4.5125** | Cum |
| 2 | **Earth Work (AR0115) :.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. | - | **13.1765** | Cum |
| i) | **BRM029 :** Sand for filling and road blinding | 1 | 13.1765 | 1 Cum |
| 3 | **Concrete (AR0303) :.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. | - | **17.689** | Cum |
| i) | **BRM340 :** Cement | 2.29 | 40.50781 | 1 Qntl. |
| ii) | **BRM028 :** Screened and washed sharp sand for mortar | 0.48 | 8.49072 | 1 Cum |

| | | | | |
|---|---|---|---|---|
| iii) | **BRM044 :** Granite Stone broken metal 40mm. size (Crusher broken) | 0.96 | 16.98144 | 1 Cum. |
| 4 | **R.C.C. Work (AR0410c) :.R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc -** 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 | - | **19.855** | Sqm |
| i) | **BRM104 :** Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma) | 0.00267 | 0.05301285 | 1Cum. |
| ii) | **BRM092 :** Non-sal bullahs 75mm. mean dia of any length. | 0.000614 | 0.01219097 | 1Mtr. |
| 5 | **Concrete (AR0307) :.Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum -** 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 specificaion and direction of Engineer-in charge. | - | **9.882375** | Cum |
| i) | **BRM340 :** Cement | 3.23 | 31.92007125 | 1 Qntl. |
| ii) | **BRM028 :** Screened and washed sharp sand for mortar | 0.45 | 4.44706875 | 1 Cum |

| | | | | |
|---|---|---|---|---|
| iii) | **BRM056 :** 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 | 8.8941375 | 1 Cum. |

| S/N | Material Name | Qty | Unit | Royalty Rate | Amount |
|---|---|---|---|---|---|
| 1 | **BRM029** | 13.1765 | 1 Cum | 157.25 | 2072.004625 |
| 2 | **BRM028** | 12.93778875 | 1 Cum | 157.25 | 2034.4672809375 |
| 3 | **BRM044** | 16.98144 | 1 Cum. | 149.5 | 2538.72528 |
| 4 | **BRM056** | 8.8941375 | 1 Cum. | 149.5 | 1329.67355625 |
| | | | | | **Total: 7974.8707421875** |

## ADDITION COMPONENT

| Sl.No. | Item Name | Amount (in Rs.) |
|---|---|---|
| 1 | Provision for Contingency @ Rs. 2000 | Rs. 2000 |
| 2 | Display Citizen Board @ Rs. 2014 | Rs. 2014 |
| | | **Total Addition Component Amount (in Rs.): 4014** |

**Total Net Amount (in Rs.): 199989.87050139**