

| ESTIMATION DPR | | | | | | | |
|----------------|--------|----------|---------|-------|---------|----------------|----------|
| State | Odisha | District | Bargarh | Block | Bargarh | Gram Panchayat | Gudesira |

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|------------------|--|--|--|--|--|--|--|
| Work Code | OD/347/3312/116380/380624/00014298 (Imp of CC road at Harijanpada, Nua Gudesira) | | | | | | |
| Project Category | Road | | | | | | |

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|----------------------|---------------------------|-----------------------|--|
| Financial Year | 2024-25 | Execution Level | PS |
| Executing Agency | Panchayat Samiti, Bargarh | Proposal Date | - |
| Date of Commencement | 04-04-2025 | Date of Completion | 07-06-2025 |
| Scheme Name | SFC Devolution of Fund | Scheme Component Name | 5TH SFC DEVOLUTION GRANT TO PANCHAYAT SAMITI |
| Project Sub-Category | CC Road | Project Type | Upgradation or Improvement |
| Name of Executant | SUSHMITA TIRKEY | | |

Administrative Approval Details

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| Approval No. | OD/347/3312/116380/380624/00014298/AS |
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Technical Sanction Details

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| Technical Sanction No. | OD/347/3312/116380/380624/00014298/TS |
| Fund Sanction No. | 15384 |
| Fund Sanction Amount (in Rs.) | 300000 |

ACTIVITY STATEMENT

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

| | | | | | |
|---|--|-----|--------|--------------|---|
| 1 | <p>Earth Work (AR0122Bi) : Earthwork in ordinary soil within 5 Km. mechanical carriages and spreading in filling area/road berm within initial lead and lift - Earthwork in ordinary soil within 5 Km. mechanical carriages and spreading in filling area/road berm within initial lead and lift including dressing and leveling the bed, etc. as per direction of Engineer-in-Charge.</p> | Cum | 6.4538 | 306.77910892 | 0 |
| 2 | <p>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.</p> | Cum | 21.96 | 502.502472 | 0 |

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|---|---|-----|---------|---------------|---|
| 3 | <p>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.</p> | Cum | 22.8018 | 5196.00278008 | 0 |
| 4 | <p>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 specifcaion and direction of Engineer-in charge.</p> | Cum | 21.96 | 6770.08271796 | 0 |

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|---|--|-----|-------|-----------------|---|
| 5 | 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 | 56.12 | 215.38264180804 | 0 |
| 6 | Earth Work (AR0122Bi) : Earthwork in ordinary soil within 5 Km. mechanical carriages and spreading in filling area/road berm within initial lead and lift - Earthwork in ordinary soil within 5 Km. mechanical carriages and spreading in filling area/road berm within initial lead and lift including dressing and leveling the bed, etc. as per direction of Engineer-in-Charge. | Cum | 0 | 306.77910892 | 0 |
| Total Amount (in Rs.): 292251.35183376 | | | | | |

LABOUR STATEMENT

| SI.No. | Activity Name | Qty/unit(B=Analysis Basic Qty/HeaderUnit) | Quantity(Measurement Qty) | Unit |
|--------|---------------|---|---------------------------|------|
|--------|---------------|---|---------------------------|------|

| | | | | |
|---|--|--------|----------|-----|
| 1 | Earth Work (AR0122Bi) : Earthwork in ordinary soil within 5 Km. mechanical carriages and spreading in filling area/road berm within initial lead and lift - Earthwork in ordinary soil within 5 Km. mechanical carriages and spreading in filling area/road berm within initial lead and lift including dressing and leveling the bed, etc. as per direction of Engineer-in-Charge. | - | 6.4538 | Cum |
| i | Un-Skilled | 0.32 | 2.065216 | - |
| 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. | - | 21.96 | Cum |
| i | Un-Skilled | 0.1236 | 2.714256 | - |

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|----|---|------|----------|-----|
| 3 | <p>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.</p> | - | 22.8018 | Cum |
| i | Skilled | 0.18 | 4.104324 | - |
| ii | Un-Skilled | 3.9 | 88.92702 | - |
| 4 | <p>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.</p> | - | 21.96 | Cum |
| i | Un-Skilled | 4.6 | 101.016 | - |

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|---|----|--|------|---------|-----|
| | ii | Skilled | 0.68 | 14.9328 | - |
| 5 | | 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 | - | 56.12 | Sqm |
| | i | Semi-Skilled | 0.05 | 2.806 | - |
| | ii | Skilled | 0.05 | 2.806 | - |
| 6 | | Earth Work (AR0122Bi) : Earthwork in ordinary soil within 5 Km. mechanical carriages and spreading in filling area/road berm within initial lead and lift - Earthwork in ordinary soil within 5 Km. mechanical carriages and spreading in filling area/road berm within initial lead and lift including dressing and leveling the bed, etc. as per direction of Engineer-in-Charge. | - | 0 | Cum |
| | i | Un-Skilled | 0.32 | 0 | - |

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

| | | | | |
|---|--------------|------------|-----|-----------------------------|
| 0 | Un-Skilled | 194.722492 | 452 | 88014.566384 |
| 1 | Skilled | 21.843124 | 552 | 12057.404448 |
| 2 | Semi-Skilled | 2.806 | 502 | 1408.612 |
| | | | | Total: 101480.582832 |

MATERIAL STATEMENT

| SI.No. | Activity Name/Material | Qty/unit (B=Analysis Basic Qty/Header Unit) | Quantity (Meaurement Qty) | Unit |
|--------|--|---|---------------------------|-------|
| 1 | Earth Work (AR0122Bi) :.Earthwork in ordinary soil within 5 Km. mechanical carriages and spreading in filling area/road berm within initial lead and lift - Earthwork in ordinary soil within 5 Km. mechanical carriages and spreading in filling area/road berm within initial lead and lift including dressing and leveling the bed, etc. as per direction of Engineer-in-Charge. | - | 6.4538 | Cum |
| i) | BRMM402 : Loading into trucks and unloading from trucks within 50 Meter lead (2/3 of rate is consider for loading). | -0.6666 | -4.30210308 | 1 Cum |
| ii) | BRMM401 : Conveyance of material by 10 ton trucks within 5 KM including loading and unloading | 1 | 6.4538 | 1 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. | - | 21.96 | Cum |
| i) | BRM029 : Sand for filling and road blinding | 1 | 21.96 | 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. | - | 22.8018 | Cum |
| i) | BRM340 : Cement | 2.29 | 52.216122 | 1 Qntl. |
| ii) | BRM028 : Screened and washed sharp sand for mortar | 0.48 | 10.944864 | 1 Cum |
| iii) | BRM044 : Granite Stone broken metal 40mm. size (Crusher broken) | 0.96 | 21.889728 | 1 Cum. |

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|------|---|---------|-----------|---------|
| 4 | <p>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 specifaion and direction of Engineer-in charge.</p> | - | 21.96 | Cum |
| i) | BRM340 : Cement | 3.23 | 70.9308 | 1 Qntl. |
| ii) | BRM028 : Screened and washed sharp sand for mortar | 0.45 | 9.882 | 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 | 19.764 | 1 Cum. |
| 5 | <p>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</p> | - | 56.12 | Sqm |
| i) | BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma) | 0.00267 | 0.1498404 | 1Cum. |
| ii) | BRM092 : Non-sal bullahs 75mm. mean dia of any length. | 0.126 | 7.07112 | 1Mtr. |

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|-----|--|---------|---|-------|
| 6 | Earth Work (AR0122Bi) :.Earthwork in ordinary soil within 5 Km. mechanical carriages and spreading in filling area/road berm within initial lead and lift - Earthwork in ordinary soil within 5 Km. mechanical carriages and spreading in filling area/road berm within initial lead and lift including dressing and leveling the bed, etc. as per direction of Engineer-in-Charge. | - | 0 | Cum |
| i) | BRMM402 : Loading into trucks and unloading from trucks within 50 Meter lead (2/3 of rate is consider for loading). | -0.6666 | 0 | 1 Cum |
| ii) | BRMM401 : Conveyance of material by 10 ton trucks within 5 KM including loading and unloading | 1 | 0 | 1 Cum |

| SI.No. | Material Name | Qty | Unit | Rate | Amount |
|-------------------------------|----------------|-------------|---------|-----------|-----------------|
| 1 | BRMM402 | -4.30210308 | 1 Cum | 175.38 | -754.5028381704 |
| 2 | BRMM401 | 6.4538 | 1 Cum | 276.01 | 1781.313338 |
| 3 | BRM029 | 21.96 | 1 Cum | 401.41 | 8814.9636 |
| 4 | BRM340 | 123.146922 | 1 Qntl. | 560.422 | 69014.244321084 |
| 5 | BRM028 | 20.826864 | 1 Cum | 409.04 | 8519.02045056 |
| 6 | BRM044 | 21.889728 | 1 Cum. | 1354.39 | 29647.22870592 |
| 7 | BRM056 | 19.764 | 1 Cum. | 1802.83 | 35631.13212 |
| 8 | BRM104 | 0.1498404 | 1Cum. | 58620.646 | 8783.7410448984 |
| 9 | BRM092 | 7.07112 | 1Mtr. | 276.666 | 1956.33848592 |
| Total: 163393.47922821 | | | | | |

ROYALTY STATEMENT

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

| | | | | |
|-----|--|------|-----------|---------|
| 1 | <p>Earth Work (AR0122Bi) :.Earthwork in ordinary soil within 5 Km. mechanical carriages and spreading in filling area/road berm within initial lead and lift - Earthwork in ordinary soil within 5 Km. mechanical carriages and spreading in filling area/road berm within initial lead and lift including dressing and leveling the bed, etc. as per direction of Engineer-in-Charge.</p> | - | 6.4538 | Cum |
| 2 | <p>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.</p> | - | 21.96 | Cum |
| i) | <p>BRM029 : Sand for filling and road blinding</p> | 1 | 21.96 | 1 Cum |
| 3 | <p>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.</p> | - | 22.8018 | Cum |
| i) | <p>BRM340 : Cement</p> | 2.29 | 52.216122 | 1 Qntl. |
| ii) | <p>BRM028 : Screened and washed sharp sand for mortar</p> | 0.48 | 10.944864 | 1 Cum |

| | | | | |
|------|--|------|--------------|---------|
| iii) | BRM044 : Granite Stone broken metal 40mm. size (Crusher broken) | 0.96 | 21.889728 | 1 Cum. |
| 4 | 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. | - | 21.96 | Cum |
| i) | BRM340 : Cement | 3.23 | 70.9308 | 1 Qntl. |
| ii) | BRM028 : Screened and washed sharp sand for mortar | 0.45 | 9.882 | 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 | 19.764 | 1 Cum. |
| 5 | 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 | - | 56.12 | Sqm |

| | | | | |
|-----|---|----------|------------|-------|
| i) | BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma) | 0.00267 | 0.1498404 | 1Cum. |
| ii) | BRM092 : Non-sal bullahs 75mm. mean dia of any length. | 0.000614 | 0.03445768 | 1Mtr. |
| 6 | Earth Work (AR0122Bi) :.Earthwork in ordinary soil within 5 Km. mechanical carriages and spreading in filling area/road berm within initial lead and lift - Earthwork in ordinary soil within 5 Km. mechanical carriages and spreading in filling area/road berm within initial lead and lift including dressing and leveling the bed, etc. as per direction of Engineer-in-Charge. | - | 0 | Cum |

| S/N | Material Name | Qty | Unit | Royalty Rate | Amount |
|---------------------------|---------------|-----------|--------|--------------|-------------|
| 1 | BRM029 | 21.96 | 1 Cum | 40.25 | 883.89 |
| 2 | BRM028 | 20.826864 | 1 Cum | 40.25 | 838.281276 |
| 3 | BRM044 | 21.889728 | 1 Cum. | 149.5 | 3272.514336 |
| 4 | BRM056 | 19.764 | 1 Cum. | 149.5 | 2954.718 |
| Total: 7949.403612 | | | | | |

ADDITION COMPONENT

| SI.No. | Item Name | Amount (in Rs.) |
|--|----------------------------------|---------------------|
| 1 | Provision for Contingency @ 1% | Rs. 2922.5135183376 |
| 2 | Display Citizen Board @ Rs. 4826 | Rs. 4826 |
| Total Addition Component Amount (in Rs.): 7748.5135183376 | | |

Total Net Amount (in Rs.): 299999.8653521