

| ESTIMATION DPR | | | | | | | |
|----------------|--------|-----------------|---------|--------------|---------|-----------------------|--------------------|
| State | Odisha | District | Khordha | Block | Khordha | Gram Panchayat | Nalipada-Arjunapur |

| | | | | | | | |
|-------------------------|--|--|--|--|--|--|--|
| Work Code | OD/362/3464/119676/407360/00075022 (Construction of Metal Moorum road from NH- 57 to Saradhapur village) | | | | | | |
| Project Category | Road | | | | | | |

| | | | |
|-----------------------------|---------------------------|------------------------------|--------------------------|
| Financial Year | 2021-22 | Execution Level | PS |
| Executing Agency | Panchayat Samiti, Khordha | Proposal Date | - |
| Date of Commencement | - | Date of Completion | - |
| Scheme Name | 5th SFC Grant in Aid | Scheme Component Name | All Weather Connectivity |
| Project Sub-Category | Mettalling Road | Project Type | New Work |
| Name of Executant | | | |

Administrative Approval Details

| | |
|---------------------|--|
| Approval No. | |
|---------------------|--|

Technical Sanction Details

| | |
|--------------------------------------|--------|
| Technical Sanction No. | |
| Fund Sanction No. | |
| Fund Sanction Amount (in Rs.) | 300000 |

ACTIVITY STATEMENT

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

| | | | | | |
|---|--|-----|------------|-----------------|-----------------|
| 1 | Road Work (AR1307) : Supplying & spreading moorum and consolidation with HRR - Supplying & spreading moorum and consolidation with HRR including cost, conveyance, royalty, taxes cost of all labour & material, hire charges of T & P materials required for work as per specification and complete as per direction of Engineer-in-Charge. | Cum | 64.4773536 | 1235.1789446784 | 546666.34090784 |
|---|--|-----|------------|-----------------|-----------------|

| | | | | | |
|---|---|-----|------------|-----------------|-----------------|
| 2 | <p>Road Work (AR1341a) : Providing, laying, spreading and compacting Grading-I stone aggregates of specific sizes using moorum or gravel to water bound macadam - Providing, laying, spreading and compacting Grading-I stone aggregates of specific sizes using moorum or gravel to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with 3 wheeled steel roller 8-10 tonnes in stages to proper grade and camber, applying and brooming requisite type of screening/binding materials to fill up the interstices of coarse aggregate, watering and compacting to the required density as per Clause 404 of MoRT&H Specifications for Road & Bridge works(Last Revision).</p> | Cum | 64.4773536 | 2587.6038961111 | 546666.34090784 |
|---|---|-----|------------|-----------------|-----------------|

| | | | | | |
|---|--|-----|------------|-----------------|-----------------|
| 3 | Road Work (AR1307) : Supplying & spreading moorum and consolidation with HRR - Supplying & spreading moorum and consolidation with HRR including cost, conveyance, royalty, taxes cost of all labour & material, hire charges of T & P materials required for work as per specification and complete as per direction of Engineer-in-Charge. | Cum | 64.4773536 | 1235.1789446784 | 546666.34090784 |
| 4 | Road Work (AR1305) : Filler materials laterite moorum and consolidation with H.R.R. - Supplying & spreading metal to proper camber and consolidation with filler materials laterite moorum and consolidation with H.R.R. including watering and turf edging including cost, conveyance, royalty, and taxes, etc. required for work as per specification and direction of Engineer-in-Charge. | Cum | 218.03936 | 2507.1910911307 | 546666.34090784 |
| Total Amount (in Rs.): 872790.33144474 | | | | | |

LABOUR STATEMENT

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

| | | | | |
|---|--|-------------------|-----------------|-----|
| 1 | <p>Road Work (AR1307) : Supplying & spreading moorum and consolidation with HRR - Supplying & spreading moorum and consolidation with HRR including cost, conveyance, royalty, taxes cost of all labour & material, hire charges of T & P materials required for work as per specification and complete as per direction of Engineer-in-Charge.</p> | - | 64.4773536 | Cum |
| i | Un-Skilled | 1.0600706713781 | 68.350551519435 | - |
| 2 | <p>Road Work (AR1341a) : Providing, laying, spreading and compacting Grading-I stone aggregates of specific sizes using moorum or gravel to water bound macadam - Providing, laying, spreading and compacting Grading-I stone aggregates of specific sizes using moorum or gravel to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with 3 wheeled steel roller 8-10 tonnes in stages to proper grade and camber, applying and brooming requisite type of screening/binding materials to fill up the interstices of coarse aggregate, watering and compacting to the required density as per Clause 404 of MoRT&H Specifications for Road & Bridge works(Last Revision).</p> | - | 64.4773536 | Cum |
| i | Un-Skilled | 0.694444444444444 | 44.77594 | - |

| | | | | | |
|---|-----|---|--------------------|-----------------|-----|
| | ii | Skilled | 0.0055555555555556 | 0.35820752 | - |
| | iii | Semi-Skilled | 0.028 | 1.8053659008 | - |
| 3 | | Road Work (AR1307) : Supplying & spreading moorum and consolidation with HRR - Supplying & spreading moorum and consolidation with HRR including cost, conveyance, royalty, taxes cost of all labour & material, hire charges of T & P materials required for work as per specification and complete as per direction of Engineer-in-Charge. | - | 64.4773536 | Cum |
| | i | Un-Skilled | 1.0600706713781 | 68.350551519435 | - |
| 4 | | Road Work (AR1305) : Filler materials laterite moorum and consolidation with H.R.R. - Supplying & spreading metal to proper camber and consolidation with filler materials laterite moorum and consolidation with H.R.R. including watering and turf edging including cost, conveyance, royalty, and taxes, etc. required for work as per specification and direction of Engineer-in-Charge. | - | 218.03936 | Cum |
| | i | Un-Skilled | 1.7667844522968 | 385.22855123675 | - |

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

| | | | | |
|---|--------------|-----------------|-----|-------------------------------|
| 0 | Un-Skilled | 566.70559427562 | 462 | 261817.98455534 |
| 1 | Skilled | 0.35820752 | 562 | 201.31262624 |
| 2 | Semi-Skilled | 1.8053659008 | 512 | 924.3473412096 |
| | | | | Total: 262943.64452279 |

MATERIAL STATEMENT

| SI.No. | Activity Name/Material | Qty/unit (B=Analysis Basic Qty/Header Unit) | Quantity (Meaurement Qty) | Unit |
|--------|--|---|---------------------------|-------|
| 1 | Road Work (AR1307) ..Supplying & spreading moorum and consolidation with HRR - Supplying & spreading moorum and consolidation with HRR including cost, conveyance, royalty, taxes cost of all labour & material, hire charges of T & P materials required for work as per specification and complete as per direction of Engineer-in-Charge. | - | 64.4773536 | Cum |
| i) | BRM025 : Gravel or moorum | 1.28 | 82.531012608 | 1 Cum |

| | | | | |
|------|--|------|--------------|--------|
| 2 | <p>Road Work (AR1341a) :.Providing, laying, spreading and compacting Grading-I stone aggregates of specific sizes using moorum or gravel to water bound macadam - Providing, laying, spreading and compacting Grading-I stone aggregates of specific sizes using moorum or gravel to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with 3 wheeled steel roller 8-10 tonnes in stages to proper grade and camber, applying and brooming requisite type of screening/binding materials to fill up the interstices of coarse aggregate, watering and compacting to the required density as per Clause 404 of MoRT&H Specifications for Road & Bridge works(Last Revision).</p> | - | 64.4773536 | Cum |
| i) | BRMMR0037 : Cost of water | 0.4 | 25.79094144 | KL |
| ii) | BRM025 : Gravel or moorum | 0.3 | 19.34320608 | 1 Cum |
| iii) | BRM075 : I.R.C. Grade I (90mm-45 mm.) | 1.21 | 78.017597856 | 1 Cum. |
| 3 | <p>Road Work (AR1307) :.Supplying & spreading moorum and consolidation with HRR - Supplying & spreading moorum and consolidation with HRR including cost, conveyance, royalty, taxes cost of all labour & material, hire charges of T & P materials required for work as per specification and complete as per direction of Engineer-in-Charge.</p> | - | 64.4773536 | Cum |
| i) | BRM025 : Gravel or moorum | 1.28 | 82.531012608 | 1 Cum |

| | | | | | |
|-----|--|---|-----|------------------|--------|
| 4 | Road Work (AR1305) :.Filler materials laterite moorum and consolidation with H.R.R. - Supplying & spreading metal to proper camber and consolidation with filler materials laterite moorum and consolidation with H.R.R. including watering and turf edging including cost, conveyance, royalty, and taxes, etc. required for work as per specification and direction of Engineer-in-Charge. | - | | 218.03936 | Cum |
| i) | BRM041 : Granite Stone broken metal 63mm. size Passing through 90mm. Sieve and retained on 53 mm sieve (Hand broken) | | 1 | 218.03936 | 1 Cum. |
| ii) | BRM025 : Gravel or moorum | | 0.3 | 65.411808 | 1 Cum |

| SI.No. | Material Name | Qty | Unit | Rate | Amount |
|-------------------------------|------------------|---------------|--------|---------|-----------------|
| 1 | BRM025 | 249.817039296 | 1 Cum | 532.56 | 133042.56244748 |
| 2 | BRMMR0037 | 25.79094144 | KL | 10 | 257.9094144 |
| 3 | BRM075 | 78.017597856 | 1 Cum. | 1318.85 | 102893.50893239 |
| 4 | BRM041 | 218.03936 | 1 Cum. | 1184.77 | 258326.4925472 |
| Total: 494520.47334146 | | | | | |

ROYALTY STATEMENT

| SI.No. | Activity Name/Material | Qty/unit (B=Analysis Basic Qty/Header Unit) | Quantity (Meaurement Qty) | Unit |
|--------|--|---|---------------------------|------|
| 1 | Road Work (AR1307) :.Supplying & spreading moorum and consolidation with HRR - Supplying & spreading moorum and consolidation with HRR including cost, conveyance, royalty, taxes cost of all labour & material, hire charges of T & P materials required for work as per specification and complete as per direction of Engineer-in-Charge. | - | 64.4773536 | Cum |

| | | | | |
|-----|--|------|-------------------|--------|
| i) | BRM025 : Gravel or moorum | 1.28 | 82.531012608 | 1 Cum |
| 2 | Road Work (AR1341a) :.Providing, laying, spreading and compacting Grading-I stone aggregates of specific sizes using moorum or gravel to water bound macadam - Providing, laying, spreading and compacting Grading-I stone aggregates of specific sizes using moorum or gravel to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with 3 wheeled steel roller 8-10 tonnes in stages to proper grade and camber, applying and brooming requisite type of screening/binding materials to fill up the interstices of coarse aggregate, watering and compacting to the required density as per Clause 404 of MoRT&H Specifications for Road & Bridge works(Last Revision). | - | 64.4773536 | Cum |
| i) | BRM025 : Gravel or moorum | 0.3 | 19.34320608 | 1 Cum |
| ii) | BRM075 : I.R.C. Grade I (90mm-45 mm.) | 1.21 | 78.017597856 | 1 Cum. |
| 3 | Road Work (AR1307) :.Supplying & spreading moorum and consolidation with HRR - Supplying & spreading moorum and consolidation with HRR including cost, conveyance, royalty, taxes cost of all labour & material, hire charges of T & P materials required for work as per specification and complete as per direction of Engineer-in-Charge. | - | 64.4773536 | Cum |
| i) | BRM025 : Gravel or moorum | 1.28 | 82.531012608 | 1 Cum |

| | | | | |
|-----|--|-----|-----------|--------|
| 4 | Road Work (AR1305) :.Filler materials laterite moorum and consolidation with H.R.R. - Supplying & spreading metal to proper camber and consolidation with filler materials laterite moorum and consolidation with H.R.R. including watering and turf edging including cost, conveyance, royalty, and taxes, etc. required for work as per specification and direction of Engineer-in-Charge. | - | 218.03936 | Cum |
| i) | BRM041 : Granite Stone broken metal 63mm. size Passing through 90mm. Sieve and retained on 53 mm sieve (Hand broken) | 1 | 218.03936 | 1 Cum. |
| ii) | BRM025 : Gravel or moorum | 0.3 | 65.411808 | 1 Cum |

| S/N | Material Name | Qty | Unit | Royalty Rate | Amount |
|------------------------------|---------------|---------------|--------|--------------|-----------------|
| 1 | BRM025 | 249.817039296 | 1 Cum | 40.25 | 10055.135831664 |
| 2 | BRM075 | 78.017597856 | 1 Cum. | 309.5 | 24146.446536432 |
| 3 | BRM041 | 218.03936 | 1 Cum. | 309.5 | 67483.18192 |
| Total: 101684.7642881 | | | | | |

ADDITION COMPONENT

| Sl.No. | Item Name | Amount (in Rs.) |
|--|----------------------------------|---------------------|
| 1 | Provision for Contingency @ 1% | Rs. 2910.5311481626 |
| 2 | Display Citizen Board @ Rs. 2000 | Rs. 2000 |
| 3 | Any Other Lumpsum @ Rs. 4036 | Rs. 4036 |
| Total Addition Component Amount (in Rs.): 8946.5311481626 | | |

Total Net Amount (in Rs.): 881736.8625929