

| ESTIMATION DPR | | | | | | | |
|----------------|--------|-----------------|---------|--------------|---------|-----------------------|---------|
| State | Odisha | District | Koraput | Block | Koraput | Gram Panchayat | Kerenga |

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|-------------------------|---|--|--|--|--|--|--|
| Work Code | OD/363/3471/119803/428971/00068977 (Infrastructure development of Sports ground at Badakerenga) | | | | | | |
| Project Category | Other Infrastructure | | | | | | |

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|-----------------------------|---------------------------------|------------------------------|-----------------------------------|
| Financial Year | 2025-26 | Execution Level | PS |
| Executing Agency | Panchayat Samiti, Koraput | Proposal Date | - |
| Date of Commencement | - | Date of Completion | |
| Scheme Name | Bikashita Gaon Bikashita Odisha | Scheme Component Name | Viksit Gaon Vikshit Odisha (VGVO) |
| Project Sub-Category | Play Field | Project Type | New Work |
| Name of Executant | | | |

Administrative Approval Details

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|---------------------|--|
| Approval No. | |
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Technical Sanction Details

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|--------------------------------------|--------|
| Technical Sanction No. | |
| Fund Sanction No. | 4027 |
| Fund Sanction Amount (in Rs.) | 500000 |

ACTIVITY STATEMENT

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

| | | | | | |
|---|--|-----|-------|-------------|----------------|
| 1 | <p style="text-align: center;">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</p> | Cum | 38.4 | 240.77592 | 9245.795328 |
| 2 | <p style="text-align: center;">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 | 11.52 | 1138.475232 | 13115.23467264 |

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|---|---|-----|-------|---------------|-----------------|
| 3 | <p style="text-align: center;">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 | 12.48 | 5821.98149514 | 72658.329059347 |
|---|---|-----|-------|---------------|-----------------|

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|---|---|-----|-------|----------------|-----------------|
| 4 | <p style="text-align: center;">Masonry</p> <p>Brick Work (AR0603c) : Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth - Brickwork with Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth having crushing strength not less than 75.00 Kg/cm² with dimensional tolerance ±8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.</p> | Cum | 37.44 | 5143.413157952 | 192569.38863372 |
|---|---|-----|-------|----------------|-----------------|

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|---|---|-----|-------|----------------|-----------------|
| 5 | <p align="center">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> | Cum | 4.64 | 7295.03397718 | 33848.957654115 |
| 6 | <p>Plastering (AR1004) : 12mm thick cement plster (1:6) over Brick work in inside - 12mm thick cement plster (1:6) over Brick work in inside including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc. comp.and as per direction of Engineer-in-charge.</p> | Sqm | 79.38 | 176.2414572028 | 13990.046872758 |

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|---|--|-----|-----|-----------------|-----------------|
| 7 | <p style="text-align: center;">Flooring (AR0816) : Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor -</p> <p>Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1 (1cement: 1sand) jointed with neat cement slurry mixed with pigment to match the shades of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.</p> | Sqm | 128 | 1195.3748506812 | 153007.98088719 |
|---|--|-----|-----|-----------------|-----------------|

Total Amount (in Rs.): 488435.73310778

LABOUR STATEMENT

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

| | | | | |
|---|--|--------|----------|-----|
| 1 | <p>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</p> | - | 38.4 | Cum |
| i | Un-Skilled | 0.516 | 19.8144 | - |
| 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> | - | 11.52 | Cum |
| i | Un-Skilled | 0.1236 | 1.423872 | - |

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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> | - | 12.48 | Cum |
| i | Skilled | 0.18 | 2.2464 | - |
| ii | Un-Skilled | 3.9 | 48.672 | - |
| 4 | <p>Masonry Brick Work (AR0603c) : Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth - Brickwork with Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth having crushing strength not less than 75.00 Kg/cm² with dimensional tolerance ±8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.</p> | - | 37.44 | Cum |
| i | Un-Skilled | 2.96 | 110.8224 | - |

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|---|-----|---|------|--------|-----|
| | ii | Skilled | 1.05 | 39.312 | - |
| | iii | Highly-Skilled | 0.35 | 13.104 | - |
| 5 | | <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> | - | 4.64 | Cum |
| | i | Un-Skilled | 4.6 | 21.344 | - |
| | ii | Skilled | 0.68 | 3.1552 | - |
| 6 | | <p>Plastering (AR1004) : 12mm thick cement plster (1:6) over Brick work in inside - 12mm thick cement plster (1:6) over Brick work in inside including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc. comp.and as per direction of Engineer-in-charge.</p> | - | 79.38 | Sqm |

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|---|-----|---|-------|---------|-----|
| | i | Un-Skilled | 0.12 | 9.5256 | - |
| | ii | Skilled | 0.14 | 11.1132 | - |
| 7 | | Flooring (AR0816) : Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor - Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1 (1cement: 1sand) jointed with neat cement slurry mixed with pigment to match the shades of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in- charge. | - | 128 | Sqm |
| | i | Un-Skilled | 0.216 | 27.648 | - |
| | ii | Highly-Skilled | 0.216 | 27.648 | - |
| | iii | Semi-Skilled | 0.55 | 70.4 | - |

| SI.No. | Labour Type | Qty Unit | Rate | Amount |
|--------|-------------|------------|------|---------------|
| 1 | Un-Skilled | 239.250272 | 462 | 110533.625664 |

| | | | | |
|---|----------------|---------|-----|-----------------------------|
| 2 | Skilled | 55.8268 | 562 | 31374.6616 |
| 3 | Highly-Skilled | 40.752 | 612 | 24940.224 |
| 4 | Semi-Skilled | 70.4 | 512 | 36044.8 |
| | | | | Total: 202893.311264 |

MATERIAL STATEMENT

| SI.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 | - | 38.4 | 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. | - | 11.52 | Cum |
| i) | BRM029 : Sand for filling and road blinding | 1 | 11.52 | 1 Cum |

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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> | - | 12.48 | Cum |
| i) | BRM340 : Cement | 2.29 | 28.5792 | 1 Qntl. |
| ii) | BRM028 : Screened and washed sharp sand for mortar | 0.48 | 5.9904 | 1 Cum |
| iii) | BRM044 : Granite Stone broken metal 40mm. size (Crusher broken) | 0.96 | 11.9808 | 1 Cum. |
| 4 | <p>Masonry Brick Work (AR0603c) :.Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth - Brickwork with Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth having crushing strength not less than 75.00 Kg/cm² with dimensional tolerance ±8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.</p> | - | 37.44 | Cum |
| i) | BRM006 : Fly ash bricks of 23 Cm. x 11 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm ² with dimensional tolerance ± 2 % | 400 | 14976 | 1000 Nos |

| | | | | |
|------|--|--------|--------------|---------|
| ii) | BRM340 : Cement | 0.672 | 25.15968 | 1 Qntl. |
| iii) | BRM028 : Screened and washed sharp sand for mortar | 0.28 | 10.4832 | 1 Cum |
| 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. | - | 4.64 | Cum |
| i) | BRM340 : Cement | 3.23 | 14.9872 | 1 Qntl. |
| ii) | BRM028 : Screened and washed sharp sand for mortar | 0.45 | 2.088 | 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 | 4.176 | 1 Cum. |
| 6 | Plastering (AR1004) :.12mm thick cement plster (1:6) over Brick work in inside - 12mm thick cement plster (1:6) over Brick work in inside including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc. comp.and as per direction of Engineer-in-charge. | - | 79.38 | Sqm |
| i) | BRM340 : Cement | 0.0358 | 2.841804 | 1 Qntl. |

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|------|---|--------|---------|---------|
| ii) | BRM028 : Screened and washed sharp sand for mortar | 0.015 | 1.1907 | 1 Cum |
| 7 | Flooring (AR0816) :.Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor - Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1 (1cement: 1sand) jointed with neat cement slurry mixed with pigment to match the shades of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge. | - | 128 | Sqm |
| i) | BRMMR0027 : Wax Polish | 1 | 128 | 1 Sqm |
| ii) | BRM130 : Tiles up to 30cm x 30cm / 40cm x 40cm special plain / printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755 | 1 | 128 | 1 Sqm. |
| iii) | BRM340 : Cement | 0.2737 | 35.0336 | 1 Qntl. |
| iv) | BRM028 : Screened and washed sharp sand for mortar | 0.013 | 1.664 | 1 Cum |

| Sl.No. | Material Name | Qty | Unit | Rate | Amount |
|--------|---------------|------------|----------|----------|----------------|
| 1 | BRM029 | 11.52 | 1 Cum | 1025.85 | 11817.792 |
| 2 | BRM340 | 106.601484 | 1 Qntl. | 579.48 | 61773.42794832 |
| 3 | BRM028 | 21.4163 | 1 Cum | 1029.77 | 22053.863251 |
| 4 | BRM044 | 11.9808 | 1 Cum. | 1661.86 | 19910.412288 |
| 5 | BRM006 | 14976 | 1000 Nos | 5.411108 | 81036.753408 |

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|-------------------------------|-----------|-------|--------|-------------|---------------|
| 6 | BRM056 | 4.176 | 1 Cum. | 2063.23 | 8616.04848 |
| 7 | BRMMR0027 | 128 | 1 Sqm | 8.5 | 1088 |
| 8 | BRM130 | 128 | 1 Sqm. | 461.9720557 | 59132.4231296 |
| Total: 265428.72050492 | | | | | |

ROYALTY STATEMENT

| S/N | Material Name | Qty | Unit | Royalty Rate | Amount |
|---------------------------|---------------|---------|--------|--------------|------------|
| 1 | BRM029 | 11.52 | 1 Cum | 44.25 | 509.76 |
| 2 | BRM028 | 21.4163 | 1 Cum | 44.25 | 947.671275 |
| 3 | BRM044 | 11.9808 | 1 Cum. | 206.5 | 2474.0352 |
| 4 | BRM056 | 4.176 | 1 Cum. | 206.5 | 862.344 |
| Total: 4793.810475 | | | | | |

ADDITION COMPONENT

| SI.No. | Item Name | Amount (in Rs.) |
|--|---|-----------------|
| 1 | Provision for Contingency @ Rs. 5000 | Rs. 5000 |
| 2 | Display Citizen Board @ Rs. 5000 | Rs. 5000 |
| 3 | Any Other Lumpsum @ Rs. 1564 | Rs. 1564 |
| Total Addition Component Amount (in Rs.): 11564 | | |

Total Net Amount (in Rs.): 499999.73310778