

| ESTIMATION DPR | | | | | | | |
|----------------|--------|-----------------|---------|--------------|---------|-----------------------|----------------|
| State | Odisha | District | Koraput | Block | Kundura | Gram Panchayat | Dangarapaun si |

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| Work Code | OD/363/3473/119832/429146/00043051 (repair and maintenance of up school bhejahandi) |
| Project Category | Building |

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| Financial Year | 2024-25 | Execution Level | PS |
| Executing Agency | Panchayat Samiti, Kundura | Proposal Date | 07-09-2024 |
| Date of Commencement | 29-07-2025 | Date of Completion | - |
| Scheme Name | 5th SFC Grant in Aid | Scheme Component Name | Maintenance of Primary School Building |
| Project Sub-Category | Elementary School | Project Type | Repair and Maintenance |
| Name of Executant | NAYANA PATNAIK | | |

Administrative Approval Details

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| Approval No. | OD/363/3473/119832/429146/00043051/AS |
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Technical Sanction Details

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| Technical Sanction No. | OD/363/3473/119832/429146/00043051/TS |
| Fund Sanction No. | |
| Fund Sanction Amount (in Rs.) | 200000 |

MATERIAL STATEMENT

| Sl.No. | Activity Name/Material | Qty/unit (B=Analysis Basic Qty/Header Unit) | Quantity (Meaurement Qty) | Unit |
|--------|---|---|---------------------------|------|
| 1 | <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> | - | 0.789 | Cum |

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|------|---|-------|--------------|---------|
| i) | BRM340 : Cement | 2.29 | 1.80681 | 1 Qntl. |
| ii) | BRM028 : Screened and washed sharp sand for mortar | 0.48 | 0.37872 | 1 Cum |
| iii) | BRM044 : Granite Stone broken metal 40mm. size (Crusher broken) | 0.96 | 0.75744 | 1 Cum. |
| 2 | Plastering (AR1014) :.16mm thick cement Plaster in CM (1:6) over brick work in inside. - 16mm thick cement Plaster in CM (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. | - | 14.65 | Sqm |
| i) | BRM340 : Cement | 0.043 | 0.62995 | 1 Qntl. |
| ii) | BRM028 : Screened and washed sharp sand for mortar | 0.018 | 0.2637 | 1 Cum |
| 3 | R.C.C. Work (AR0409) :.Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position - Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge. | - | 0.4 | Qntl |
| i) | BRM162 : Binding Wire. | 0.8 | 0.32 | 1 Kg. |
| ii) | BRM341 : Steel | 1.05 | 0.42 | 1 Qntl. |

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| 4 | <p>Flooring (AR0817aa) :.Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) - Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the Vitrified tiles including rubbing and polishing complete including cost of precast tiles.</p> | - | 8.505 | Sqm |
| i) | <p>BRM131 : Tiles up to Polished Vitrified floor tiles of premium grade having thickness 8 mm to 10mm confirming to IS 15622:2006 (Group-B la) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)</p> | 1 | 8.505 | 1 Sqm. |
| ii) | <p>BRMMR0027 : Wax Polish</p> | 1 | 8.505 | 1 Sqm |
| iii) | <p>BRM340 : Cement</p> | 0.1375 | 1.1694375 | 1 Qntl. |
| iv) | <p>BRM028 : Screened and washed sharp sand for mortar</p> | 0.015 | 0.127575 | 1 Cum |

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|------|---|--------|---------|---------|
| 5 | <p>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.</p> | - | 4.2 | Sqm |
| i) | BRMMR0027 : Wax Polish | 1 | 4.2 | 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 | 4.2 | 1 Sqm. |
| iii) | BRM340 : Cement | 0.2737 | 1.14954 | 1 Qntl. |
| iv) | BRM028 : Screened and washed sharp sand for mortar | 0.013 | 0.0546 | 1 Cum |
| 6 | <p>Painting(AR0901a) :.Priming one coat in inner surface with primer of approved quality over woodwork - Priming one coat in inner surface with primer of approved quality over woodwork including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.</p> | - | 475 | Sqm |

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|------|---|--------|-------------|---------|
| i) | BRM138 : Wood Primer | 0.075 | 35.625 | 1 Litre |
| 7 | Painting(AR0919) :Finishing wall One Coat with plastic emulsion paint of approved shades on old work (Inside) - Finishing wall One Coat with plastic emulsion paint of approved shades on old work to give an even shade including all costs of labor, Paint and Brushes required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside) | - | 275 | Sqm |
| i) | BRM140 : Plastic Emulsion paint | 0.075 | 20.625 | 1 Litre |
| 8 | R.C.C. Work (AR0404A) :Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite 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 and as per direction of Engineer-in charge. (excluding centring and shuttering) | - | 0.46125 | Cum |
| i) | BRM340 : Cement | 3.4733 | 1.602059625 | 1 Qntl. |
| ii) | BRM028 : Screened and washed sharp sand for mortar | 0.45 | 0.2075625 | 1 Cum |
| iii) | BRM060 : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken) | 0.36 | 0.16605 | 1 Cum. |

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| iv) | BRM052 : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken) | 0.54 | 0.249075 | 1 Cum. |
| 9 | Masonry Brick Work (AR0603b) :.Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth - Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth having crushing strength not less than 75.00 Kg/cm ² 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. | - | 4.669 | Cum |
| i) | BRM340 : Cement | 0.672 | 3.137568 | 1 Qntl. |
| ii) | BRM028 : Screened and washed sharp sand for mortar | 0.28 | 1.30732 | 1 Cum |
| iii) | BRM005 : Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm ² with dimensional tolerance ± 2 % | 350 | 1634.15 | 1000 Nos |

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| 10 | <p>Painting(AR0918c) :.Finishing wall with two coat water proofing cement paint including one coat cement wash on the outer surface of approved shade on new work (Outside) - Finishing wall with two coat water proofing cement paint including one coat cement wash on the outer surface of approved shade on new work to give an even shade including all costs of labour, Paint, Brushes, and putty required for the work, etc. complete and as per direction of Engineer-in-charge. (Outside)</p> | - | 200 | Sqm |
| i) | BRM143 : Cement paint | 0.25 | 50 | 1 Kg. |
| ii) | BRM340 : Cement | 0.010763440860215 | 2.152688172043 | 1 Qntl. |
| 11 | <p>miscellaneous(ARM287) :.Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC - Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018. (New miscellaneous items) and as directed by Engineer-in-Charge.</p> | - | 24.86 | Sqm |
| i) | BRM029 : Sand for filling and road blinding | 0.03 | 0.7458 | 1 Cum |

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|-----|---|---|---|-------|-------|
| ii) | BRMM287 : Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018. (New miscellaneous items) | | 1 | 24.86 | 1 Sqm |
| 12 | 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 | - | | 9.225 | Cum |
| 13 | 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. | - | | 2.855 | Cum |
| i) | BRM029 : Sand for filling and road blinding | | 1 | 2.855 | 1 Cum |

| Sl.No. | Material Name | Qty | Unit | Rate | Amount |
|--------|---------------|-----------------|---------|-------------|-----------------|
| 1 | BRM340 | 11.648053297043 | 1 Qntl. | 596.734 | 6950.7894361577 |
| 2 | BRM028 | 2.3394775 | 1 Cum | 390.93 | 914.571939075 |
| 3 | BRM044 | 0.75744 | 1 Cum. | 1401.46 | 1061.5218624 |
| 4 | BRM162 | 0.32 | 1 Kg. | 90.1 | 28.832 |
| 5 | BRM341 | 0.42 | 1 Qntl. | 6633.174 | 2785.93308 |
| 6 | BRM131 | 8.505 | 1 Sqm. | 668.8630561 | 5688.6802921305 |

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| 7 | BRMMR0027 | 12.705 | 1 Sqm | 8.5 | 107.9925 |
| 8 | BRM130 | 4.2 | 1 Sqm. | 467.8630561 | 1965.02483562 |
| 9 | BRM138 | 35.625 | 1 Litre | 155.62512 | 5544.1449 |
| 10 | BRM140 | 20.625 | 1 Litre | 249.88512 | 5153.8806 |
| 11 | BRM060 | 0.16605 | 1 Cum. | 1889.98 | 313.831179 |
| 12 | BRM052 | 0.249075 | 1 Cum. | 1853.6 | 461.68542 |
| 13 | BRM005 | 1634.15 | 1000 Nos | 6.095 | 9960.14425 |
| 14 | BRM143 | 50 | 1 Kg. | 48.37512 | 2418.756 |
| 15 | BRM029 | 3.6008 | 1 Cum | 347.95 | 1252.89836 |
| 16 | BRMM287 | 24.86 | 1 Sqm | 608.4 | 15124.824 |
| Total: 59733.510654383 | | | | | |