

| ESTIMATION DPR | | | | | | | |
|----------------|--------|-----------------|-----------|--------------|-------------|-----------------------|-------|
| State | Odisha | District | Kalahandi | Block | Dharamagarh | Gram Panchayat | Parla |

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| Work Code | OD/358/3410/118641/423973/00017453 (CONSTRUCTION OF ADDITIONAL CLASSROOM IN UP SCHOOL SEMALA UNDER PARLA GP) |
| Project Category | Building |

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|-----------------------------|----------------------------------|------------------------------|-----------------------|
| Financial Year | 2025-26 | Execution Level | PS |
| Executing Agency | Panchayat Samiti, Dharamagarh | Proposal Date | 22-04-2025 |
| Date of Commencement | 13-11-2025 | Date of Completion | - |
| Scheme Name | Chief Minister Special Assistant | Scheme Component Name | Self/Personal Deposit |
| Project Sub-Category | Elementary School | Project Type | New Work |
| Name of Executant | Romanchal Bhoi | | |

Administrative Approval Details

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| Approval No. | OD/358/3410/118641/423973/00017453/AS |
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Technical Sanction Details

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| Technical Sanction No. | OD/358/3410/118641/423973/00017453/TS |
| Fund Sanction No. | 2152 |
| Fund Sanction Amount (in Rs.) | 600000 |

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 | - | 22.8204 | Cum |

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| 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. | - | 26.0871 | Cum |
| i) | BRM029 : Sand for filling and road blinding | 1 | 26.0871 | 1 Cum |
| 3 | Concrete (AR0304a) :.Cement concrete (1:4:8) with 4 cm. hard granite(Hand Broken) metal - Cement concrete (1:4:8) with 4 cm. hard granite(Hand 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. | - | 7.4821 | Cum |
| i) | BRM340 : Cement | 1.72 | 12.869212 | 1 Qntl. |
| ii) | BRM028 : Screened and washed sharp sand for mortar | 0.48 | 3.591408 | 1 Cum |
| iii) | BRM045 : Granite Stone broken metal 40mm. size (Hand broken) | 0.96 | 7.182816 | 1 Cum. |

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| 4 | <p>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/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> | - | 5.994 | Cum |
| i) | BRM340 : Cement | 0.672 | 4.027968 | 1 Qntl. |
| ii) | BRM028 : Screened and washed sharp sand for mortar | 0.28 | 1.67832 | 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 | 2097.9 | 1000 Nos |
| 5 | <p>Masonry Brick Work (AR0603bi) :.Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure - Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure 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> | - | 12.58744 | Cum |

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|------|---|--------|--------------|----------|
| i) | BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK | 1 | 12.58744 | 1 Cum |
| ii) | BRM340 : Cement | 0.672 | 8.45875968 | 1 Qntl. |
| iii) | BRM028 : Screened and washed sharp sand for mortar | 0.28 | 3.5244832 | 1 Cum |
| iv) | BRM005 : Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm2 with dimensional tolerance \pm 2 % | 350 | 4405.604 | 1000 Nos |
| 6 | R.C.C. Work (AR0404Aa) :.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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC foundation, footing bases of column, mass concrete, pre-cast slabs etc.) | - | 5.859 | Cum |
| i) | BRM340 : Cement | 3.4733 | 20.3500647 | 1 Qntl. |
| ii) | BRM028 : Screened and washed sharp sand for mortar | 0.45 | 2.63655 | 1 Cum |

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| 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 | 2.10924 | 1 Cum. |
| 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 | 3.16386 | 1 Cum. |
| v) | BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma) | 0.004005 | 0.023465295 | 1Cum. |
| vi) | BRM092 : Non-sal bullahs 75mm. mean dia of any length. | 0.189 | 1.107351 | 1Mtr. |
| 7 | R.C.C. Work (AR0404Ab) :.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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Plinth band) | - | 1.83655 | Cum |
| i) | BRM340 : Cement | 3.4733 | 6.378889115 | 1 Qntl. |
| ii) | BRM028 : Screened and washed sharp sand for mortar | 0.45 | 0.8264475 | 1 Cum |

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| 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 | 0.661158 | 1 Cum. |
| 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 | 0.991737 | 1 Cum. |
| v) | BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma) | 0.01335 | 0.0245179425 | 1Cum. |
| vi) | BRM092 : Non-sal bullahs 75mm. mean dia of any length. | 0.63 | 1.1570265 | 1Mtr. |
| 8 | R.C.C. Work (AR0404Ac) :.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. (including centring and shuttering) complete and as per direction of Engineer-in charge. (RCC Beams, Column, Girder & Bressmer etc) | - | 3.940751 | Cum |
| i) | BRM340 : Cement | 3.4733 | 13.6874104483 | 1 Qntl. |
| ii) | BRM028 : Screened and washed sharp sand for mortar | 0.45 | 1.77333795 | 1 Cum |

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| 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 | 1.41867036 | 1 Cum. |
| 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 | 2.12800554 | 1 Cum. |
| v) | BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long. | 4.4196 | 17.4165431196 | 1Mtr |
| vi) | BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma) | 0.041529 | 0.163655448279 | 1Cum. |
| 9 | R.C.C. Work (AR0404Ad) :.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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Lintels) | - | 2.70595 | Cum |
| i) | BRM340 : Cement | 3.4733 | 9.398576135 | 1 Qntl. |
| ii) | BRM028 : Screened and washed sharp sand for mortar | 0.45 | 1.2176775 | 1 Cum |

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| 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 | 0.974142 | 1 Cum. |
| 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 | 1.461213 | 1 Cum. |
| v) | BRM094 : Non-sal bullahs 125mm. mean dia of any length. | 3.7695 | 10.200078525 | 1Mtr. |
| vi) | BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma) | 0.0741335 | 0.200601544325 | 1Cum. |
| 10 | R.C.C. Work (AR0404Ag) :.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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, landing, balcony, sun shade) | - | 6.1228125 | Cum |
| i) | BRM340 : Cement | 3.4733 | 21.26636465625 | 1 Qntl. |
| ii) | BRM028 : Screened and washed sharp sand for mortar | 0.45 | 2.755265625 | 1 Cum |

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| 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 | 2.2042125 | 1 Cum. |
| 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 | 3.30631875 | 1 Cum. |
| v) | BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long. | 6.2216 | 38.09369025 | 1Mtr |
| vi) | BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma) | 0.0502172 | 0.307470499875 | 1Cum. |
| 11 | Plastering (AR1004) :.12mm thick cement plaster (1:6) over Brick work in inside - 12mm thick cement plaster (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. | - | 65.7565 | Sqm |
| i) | BRM340 : Cement | 0.0358 | 2.3540827 | 1 Qntl. |
| ii) | BRM028 : Screened and washed sharp sand for mortar | 0.015 | 0.9863475 | 1 Cum |

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| 12 | 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. | - | 65.75 | Sqm |
| i) | BRM340 : Cement | 0.043 | 2.82725 | 1 Qntl. |
| ii) | BRM028 : Screened and washed sharp sand for mortar | 0.018 | 1.1835 | 1 Cum |
| 13 | 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. | - | 16.9 | Qntl |
| i) | BRM162 : Binding Wire. | 0.8 | 13.52 | 1 Kg. |
| ii) | BRM341 : Steel | 1.05 | 17.745 | 1 Qntl. |
| 14 | Flooring (AR0802ii) :.2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG Hand broken chips - 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG Hand broken chips including punning incl. cost, conveyance & royalty of materials as per direction of Engineer-in-charge. | - | 27.1633 | Sqm |

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| i) | BRM340 : Cement | 0.0858 | 2.33061114 | 1 Qntl. |
| ii) | BRM028 : Screened and washed sharp sand for mortar | 0.012 | 0.3259596 | 1 Cum |
| iii) | BRM057 : 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)(Hand broken) | 0.023 | 0.6247559 | 1 Cum. |
| 15 | Iron Work(AR1704) :.Iron Doors and windows fixing - Supplying, fitting & fixing of Mild steel and put up for frames & shutters of Doors and windows fixing in position with cost, conveyance, taxes of all materials, labours and T & P required for the work etc. as per direction of Engineer-in-charge. | - | 2.5 | Qntl |
| i) | BRM341 : Steel | 1 | 2.5 | 1 Qntl. |
| 16 | Painting(AR0901d) :.Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface) - Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge. | - | 168.68 | Sqm |
| i) | BRM253 : Wall cement primer (I.S.I.) Water bound | 0.084 | 14.16912 | 1 Ltr |

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| 17 | Painting(AR0920) :.Finishing wall two coats with plastic emulsion paint of approved shades on new work (Inside) - Finishing wall two coats with plastic emulsion paint of approved shades on new 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) | - | 65.75 | Sqm |
| i) | BRM140 : Plastic Emulsion paint | 0.125 | 8.21875 | 1 Litre |
| 18 | Other Building Items. (AR1902) :.cement based wall putty (water based) - Finishing surface of walls with cement based wall putty (water based) of approved make and finished smooth and even surface to receive painting including cost of scaffolding staging charges with cost of all materials taxes,labour,T&P,etc. complete. and as per the direction of Engineer in Charge. | - | 65.75 | Sqm |
| i) | BRMMR0038 : Cement based putty | 0.8 | 52.6 | kg |
| 19 | Painting(AR0918Ai) :.Finishing wall one coat with weather coat - Finishing wall one coat with weather coat including all costs of labour, Paint, Primer and Brushes required for the work etc. complete and as per direction of Engineer-in-charge. | - | 65.75 | Sqm |
| i) | BRM255 : Weather Coat (I.S.I.) | 0.075 | 4.93125 | 1 Ltr |

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| 20 | Painting(AR0901bi) :.Priming one coat in outer surface with primer of approved quality over iron work - Priming one coat in outer surface with primer of approved quality over iron work including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge. | - | 16.4304 | Sqm |
| i) | BRM137 : Red oxide Primer | 0.054 | 0.8872416 | 1 Litre |
| 21 | Painting(AR0903b) :.Painting two coats of enamel paint with a coat of red oxide primer over iron surface - Painting two coats of enamel paint with a coat of red oxide primer over iron surface including all costs of labour, Paint, Primer, brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge. | - | 16.43 | Sqm |
| i) | BRM137 : Red oxide Primer | 0.054 | 0.88722 | 1 Litre |
| ii) | BRM141 : Enamel paint | 0.125 | 2.05375 | 1 Litre |

| Sl.No. | Material Name | Qty | Unit | Rate | Amount |
|--------|------------------|-----------------|----------|-----------|-----------------|
| 1 | BRM029 | 26.0871 | 1 Cum | 413.05 | 10775.276655 |
| 2 | BRM340 | 103.94918857455 | 1 Qntl. | 605.212 | 62911.296315581 |
| 3 | BRM028 | 20.499296875 | 1 Cum | 417.99 | 8568.5011007813 |
| 4 | BRM045 | 7.182816 | 1 Cum. | 1128.47 | 8105.59237152 |
| 5 | BRM005 | 6503.504 | 1000 Nos | 6.1539 | 40021.9132656 |
| 6 | BRMMR0025 | 12.58744 | 1 Cum | 33 | 415.38552 |
| 7 | BRM060 | 7.36742286 | 1 Cum. | 1736.11 | 12790.656501475 |
| 8 | BRM052 | 11.05113429 | 1 Cum. | 1721.11 | 19020.217737862 |
| 9 | BRM104 | 0.719710729979 | 1Cum. | 58573.086 | 42155.678482183 |
| 10 | BRM092 | 2.2643775 | 1Mtr. | 229.106 | 518.782471515 |
| 11 | BRM084 | 55.5102333696 | 1Mtr | 250.166 | 13886.773041139 |
| 12 | BRM094 | 10.200078525 | 1Mtr. | 240.106 | 2449.1000543237 |
| 13 | BRM162 | 13.52 | 1 Kg. | 90.1 | 1218.152 |

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| 14 | BRM341 | 20.245 | 1 Qntl. | 5284.962 | 106994.05569 |
| 15 | BRM057 | 0.6247559 | 1 Cum. | 1426.3 | 891.08934017 |
| 16 | BRM253 | 14.16912 | 1 Ltr | 159.33732 | 2257.6696075584 |
| 17 | BRM140 | 8.21875 | 1 Litre | 249.64732 | 2051.78891125 |
| 18 | BRMMR0038 | 52.6 | kg | 30 | 1578 |
| 19 | BRM255 | 4.93125 | 1 Ltr | 189.80732 | 935.98734675 |
| 20 | BRM137 | 1.7744616 | 1 Litre | 143.00732 | 253.76099785891 |
| 21 | BRM141 | 2.05375 | 1 Litre | 205.64732 | 422.34818345 |
| Total: 338222.02559402 | | | | | |