

| ESTIMATION DPR | | | | | | | |
|----------------|--------|-----------------|------------|--------------|-------------|-----------------------|----------|
| State | Odisha | District | Malkangiri | Block | Chitrakonda | Gram Panchayat | Ralegada |

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|-------------------------|---|--|--|--|--|--|--|
| Work Code | OD/364/3483/119992/430742/00074449 (REPAIR AND MAINTAINANCE OF PRY SCHOOL AT CHINTANDOLI) | | | | | | |
| Project Category | Building | | | | | | |

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|-----------------------------|-------------------------------|------------------------------|--|
| Financial Year | 2025-26 | Execution Level | PS |
| Executing Agency | Panchayat Samiti, Chitrakonda | Proposal Date | 10-05-2025 |
| Date of Commencement | - | Date of Completion | |
| Scheme Name | SFC Devolution of Fund | Scheme Component Name | 5TH SFC DEVOLUTION GRANT TO PANCHAYAT SAMITI |
| Project Sub-Category | Elementary School | 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. | 545 |
| Fund Sanction Amount (in Rs.) | 250000 |

ACTIVITY STATEMENT

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

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|---|---|-----|---------|-----------------|-----------------|
| 1 | <p>Dismantling (AR1612) : Dismantling and removing 2.5 cm. thick artificial stone flooring - Dismantling and removing 2.5 cm. thick artificial stone flooring including stacking the useful materials for reuse and removing the debris within 50m lead and as per direction of Engineer-in-Charge.</p> | Sqm | 62.1302 | 100.34838709677 | 6234.6653599997 |
| 2 | <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 | 5.3217 | 6322.7933039 | 33648.009125365 |

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|---|--|-----|---------|-----------------|-----------------|
| 3 | <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 - 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 Enginer-in-charge.</p> | Sqm | 71.2922 | 1211.294694578 | 86355.863624794 |
| 4 | <p>Dismantling (AR1613) : Removing old lime or cement plaster - Removing old lime or cement plaster from walls including raking out joints 12 mm deep and removing the debris within 50m lead and as per direction of Engineer-in- Charge.</p> | Sqm | 169.152 | 50.174193548387 | 8487.0651870968 |

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|---|---|-----|--------|---------------|-----------------|
| 5 | <p>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.</p> | Sqm | 89.232 | 257.63986273 | 22989.720231123 |
| 6 | <p>Plastering (AR1006) : 12mm thick cement plaster (1:4) over brickwork in inside - 12mm thick cement plaster (1:4) over brickwork in inside with cement punning for skirting/wall punning including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc. comp. and as per direction of Engineer-in-charge.</p> | Sqm | 79.656 | 202.201527724 | 16106.564892383 |

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|---|---|-----|---------|-----------------|-----------------|
| 7 | <p style="text-align: center;">Painting (AR0922) : Finishing wall two coats with distemper of approved shades on new work (Inside) - Finishing wall two coats with distemper 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)</p> | Sqm | 169.152 | 78.925583925 | 13350.420372082 |
| 8 | <p style="text-align: center;">Painting (AR0920bk) : Finishing wall two coats with plastic emulsion paint of approved shades with one coat water bound Primer on new work (Inside)(For repair and maintenance) . - Finishing wall two coats with plastic emulsion paint of approved shades with one coat waterbound Primer on new work to give an even shade including all costs of labor, Paint, Primer, Brushes and putty required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)(For repair and maintenance).</p> | Sqm | 169.152 | 169.09164401678 | 28602.189768726 |

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|---|--|-----|-------|-----------------|-----------------|
| 9 | <p align="center">Concrete (AR0307a) : Cement concrete (1:2:4)with 12mm size hard granite(Hand broken)chips per 1cum - Cement concrete work with (1:2:4) using 12mm size hard granite(hand broken) chips including hoisting and laying in position compacting to proper thickness 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 | 0.462 | 7666.9194233 | 3542.1167735646 |
| 10 | <p align="center">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.</p> | Sqm | 24.65 | 230.40794611353 | 5679.5558716985 |
| Total Amount (in Rs.): 224996.17120683 | | | | | |

LABOUR STATEMENT

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

| | | | | |
|----|---|------------------|------------------|-----|
| 1 | <p>Dismantling (AR1612) : Dismantling and removing 2.5 cm. thick artificial stone flooring - Dismantling and removing 2.5 cm. thick artificial stone flooring including stacking the useful materials for reuse and removing the debris within 50m lead and as per direction of Engineer-in-Charge.</p> | - | 62.1302 | Sqm |
| i | Un-Skilled | 0.21505376344086 | 13.3613333333333 | - |
| 2 | <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> | - | 5.3217 | Cum |
| i | Skilled | 0.18 | 0.957906 | - |
| ii | Un-Skilled | 3.9 | 20.75463 | - |

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|-----|---|-------|------------|-----|
| 3 | <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> | - | 71.2922 | Sqm |
| i | Un-Skilled | 0.216 | 15.3991152 | - |
| ii | Highly-Skilled | 0.216 | 15.3991152 | - |
| iii | Semi-Skilled | 0.55 | 39.21071 | - |
| 4 | <p>Dismantling (AR1613) : Removing old lime or cement plaster - Removing old lime or cement plaster from walls including raking out joints 12 mm deep and removing the debris within 50m lead and as per direction of Engineer-in-Charge.</p> | - | 169.152 | Sqm |

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|---|----|---|------------------|-----------------|-----|
| | i | Un-Skilled | 0.10752688172043 | 18.188387096774 | - |
| 5 | | 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. | - | 89.232 | Sqm |
| | i | Un-Skilled | 0.24 | 21.41568 | - |
| | ii | Skilled | 0.16 | 14.27712 | - |
| 6 | | Plastering (AR1006) : 12mm thick cement plaster (1:4) over brickwork in inside - 12mm thick cement plaster (1:4) over brickwork in inside with cement punning for skirting/wall punning including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc. comp. and as per direction of Engineer-in- charge. | - | 79.656 | Sqm |
| | i | Un-Skilled | 0.11 | 8.76216 | - |

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|---|----|--|------------------|-----------------|-----|
| | ii | Skilled | 0.15 | 11.9484 | - |
| 7 | | Painting (AR0922) : Finishing wall two coats with distemper of approved shades on new work (Inside) - Finishing wall two coats with distemper 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) | - | 169.152 | Sqm |
| | i | Highly-Skilled | 0.052 | 8.795904 | - |
| | ii | Un-Skilled | 0.062 | 10.487424 | - |
| 8 | | Painting (AR0920bk) : Finishing wall two coats with plastic emulsion paint of approved shades with one coat water bound Primer on new work (Inside)(For repair and maintenance) . - Finishing wall two coats with plastic emulsion paint of approved shades with one coat waterbound Primer on new work to give an even shade including all costs of labor, Paint, Primer, Brushes and putty required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)(For repair and maintenance). | - | 169.152 | Sqm |
| | i | Highly-Skilled | 0.10991870967742 | 18.592969579355 | - |

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|----|----|--|------------------|-----------------|-----|
| | ii | Un-Skilled | 0.12011870967742 | 20.318319979355 | - |
| 9 | | Concrete (AR0307a) : Cement concrete (1:2:4)with 12mm size hard granite(Hand broken)chips per 1cum - Cement concrete work with (1:2:4) using 12mm size hard granite(hand broken) chips including hoisting and laying in position compacting to proper thickness 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. | - | 0.462 | Cum |
| | i | Un-Skilled | 4.6 | 2.1252 | - |
| | ii | Skilled | 0.68 | 0.31416 | - |
| 10 | | 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. | - | 24.65 | Sqm |
| | i | Highly-Skilled | 0.18817204301075 | 4.6384408602151 | - |
| | ii | Un-Skilled | 0.17204301075269 | 4.2408602150538 | - |

| SI.No. | Labour Type | Qty Unit | Rate | Amount |
|---------------|----------------|-----------------|------|------------------------|
| 1 | Un-Skilled | 135.05310982452 | 462 | 62394.536738926 |
| 2 | Skilled | 27.497586 | 562 | 15453.643332 |
| 3 | Highly-Skilled | 47.42642963957 | 612 | 29024.974939417 |
| 4 | Semi-Skilled | 39.21071 | 512 | 20075.88352 |
| Total: | | | | 126949.03853034 |

MATERIAL STATEMENT

| SI.No. | Activity Name/Material | Qty/unit (B=Analysis Basic Qty/Header Unit) | Quantity (Meaurement Qty) | Unit |
|--------|---|---|---------------------------|---------|
| 1 | Dismantling (AR1612) :.Dismantling and removing 2.5 cm. thick artificial stone flooring - Dismantling and removing 2.5 cm. thick artificial stone flooring including stacking the useful materials for reuse and removing the debris within 50m lead and as per direction of Engineer-in-Charge. | - | 62.1302 | Sqm |
| 2 | 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. | - | 5.3217 | Cum |
| i) | BRM340 : Cement | 2.29 | 12.186693 | 1 Qntl. |

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|------|---|--------|----------------|---------|
| ii) | BRM028 : Screened and washed sharp sand for mortar | 0.48 | 2.554416 | 1 Cum |
| iii) | BRM044 : Granite Stone broken metal 40mm. size (Crusher broken) | 0.96 | 5.108832 | 1 Cum. |
| 3 | 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. | - | 71.2922 | Sqm |
| i) | BRMMR0027 : Wax Polish | 1 | 71.2922 | 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 | 71.2922 | 1 Sqm. |
| iii) | BRM340 : Cement | 0.2737 | 19.51267514 | 1 Qntl. |
| iv) | BRM028 : Screened and washed sharp sand for mortar | 0.013 | 0.9267986 | 1 Cum |

| | | | | |
|-----|---|--------|-----------|---------|
| 4 | Dismantling (AR1613) :.Removing old lime or cement plaster - Removing old lime or cement plaster from walls including raking out joints 12 mm deep and removing the debris within 50m lead and as per direction of Engineer-in-Charge. | - | 169.152 | Sqm |
| 5 | 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. | - | 89.232 | Sqm |
| i) | BRM340 : Cement | 0.043 | 3.836976 | 1 Qntl. |
| ii) | BRM028 : Screened and washed sharp sand for mortar | 0.018 | 1.606176 | 1 Cum |
| 6 | Plastering (AR1006) :.12mm thick cement plaster (1:4) over brickwork in inside - 12mm thick cement plaster (1:4) over brickwork in inside with cement punning for skirting/wall punning including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc. comp. and as per direction of Engineer-in-charge. | - | 79.656 | Sqm |
| i) | BRM340 : Cement | 0.0644 | 5.1298464 | 1 Qntl. |
| ii) | BRM028 : Screened and washed sharp sand for mortar | 0.015 | 1.19484 | 1 Cum |

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|-----|--|-------|-----------|---------|
| 7 | Painting(AR0922) :.Finishing wall two coats with distemper of approved shades on new work (Inside) - Finishing wall two coats with distemper 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) | - | 169.152 | Sqm |
| i) | BRM142 : Distemper | 0.25 | 42.288 | 1 Kg. |
| 8 | Painting(AR0920bk) :.Finishing wall two coats with plastic emulsion paint of approved shades with one coat water bound Primer on new work (Inside)(For repair and maintenance) . - Finishing wall two coats with plastic emulsion paint of approved shades with one coat waterbound Primer on new work to give an even shade including all costs of labor, Paint, Primer, Brushes and putty required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)(For repair and maintenance). | - | 169.152 | Sqm |
| i) | BRM140 : Plastic Emulsion paint | 0.125 | 21.144 | 1 Litre |
| ii) | BRM253 : Wall cement primer (I.S.I.) Water bound | 0.084 | 14.208768 | 1 Ltr |

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|------|---|-------|--|--------------|---------|
| 9 | Concrete (AR0307a) :.Cement concrete (1:2:4)with 12mm size hard granite(Hand broken)chips per 1cum - Cement concrete work with (1:2:4) using 12mm size hard granite(hand broken) chips including hoisting and laying in position compacting to proper thickness 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. | - | | 0.462 | Cum |
| i) | 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) | 0.9 | | 0.4158 | 1 Cum. |
| ii) | BRM340 : Cement | 3.23 | | 1.49226 | 1 Qntl. |
| iii) | BRM028 : Screened and washed sharp sand for mortar | 0.45 | | 0.2079 | 1 Cum |
| 10 | 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. | - | | 24.65 | Sqm |
| i) | BRM137 : Red oxide Primer | 0.054 | | 1.3311 | 1 Litre |
| ii) | BRM141 : Enamel paint | 0.125 | | 3.08125 | 1 Litre |

| Sl.No. | Material Name | Qty | Unit | Rate | Amount |
|--------|---------------|-------------|---------|---------|-----------------|
| 1 | BRM340 | 42.15845054 | 1 Qntl. | 597.757 | 25200.508919439 |
| 2 | BRM028 | 6.4901306 | 1 Cum | 1260.79 | 8182.691759174 |

| | | | | | |
|------------------------------|------------------|-----------|---------|-------------|-----------------|
| 3 | BRM044 | 5.108832 | 1 Cum. | 1995.16 | 10192.93725312 |
| 4 | BRMMR0027 | 71.2922 | 1 Sqm | 8.5 | 605.9837 |
| 5 | BRM130 | 71.2922 | 1 Sqm. | 469.4994451 | 33471.648339958 |
| 6 | BRM142 | 42.288 | 1 Kg. | 70.70457 | 2989.95485616 |
| 7 | BRM140 | 21.144 | 1 Litre | 249.94457 | 5284.82798808 |
| 8 | BRM253 | 14.208768 | 1 Ltr | 159.63457 | 2268.2105699098 |
| 9 | BRM057 | 0.4158 | 1 Cum. | 2269.1 | 943.49178 |
| 10 | BRM137 | 1.3311 | 1 Litre | 143.30457 | 190.752713127 |
| 11 | BRM141 | 3.08125 | 1 Litre | 205.94457 | 634.5667063125 |
| Total: 89965.57458528 | | | | | |

ROYALTY STATEMENT

| S/N | Material Name | Qty | Unit | Royalty Rate | Amount |
|-----------------------------|---------------|-----------|--------|--------------|--------------|
| 1 | BRM028 | 6.4901306 | 1 Cum | 96.25 | 624.67507025 |
| 2 | BRM044 | 5.108832 | 1 Cum. | 208.5 | 1065.191472 |
| 3 | BRM057 | 0.4158 | 1 Cum. | 208.5 | 86.6943 |
| Total: 1776.56084225 | | | | | |

ADDITION COMPONENT

| SI.No. | Item Name | Amount (in Rs.) |
|--|--|---------------------|
| 1 | Provision for EI Work @ Rs. 9300 | Rs. 9300 |
| 2 | Provision for Contingency @ 1% | Rs. 2249.9617120683 |
| 3 | Display Citizen Board @ Rs. 4953.86 | Rs. 4953.86 |
| 4 | Any Other Lumpsum @ Rs. 8500 | Rs. 8500 |
| Total Addition Component Amount (in Rs.): 25003.821712068 | | |

Total Net Amount (in Rs.): 249999.9929189