

| ESTIMATION DPR | | | | | | | |
|----------------|--------|----------|--------|-------|----------|----------------|-------------|
| State | Odisha | District | Ganjam | Block | Polosara | Gram Panchayat | Banthapalli |

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|------------------|---|--|--|--|--|--|--|
| Work Code | OD/354/3380/117899/411490/00064858 (Repair & Maintenance of AWC Building at Banthapalli-1 under Banthapalli GP) | | | | | | |
| Project Category | Building | | | | | | |

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|----------------------|---|-----------------------|------------------------|
| Financial Year | 2024-25 | Execution Level | PS |
| Executing Agency | Panchayat Samiti, Polosara | Proposal Date | 03-12-2024 |
| Date of Commencement | - | Date of Completion | |
| Scheme Name | Asset Management Women and Child Development Department | Scheme Component Name | Self/Personal Deposit |
| Project Sub-Category | AWC | Project Type | Repair and Maintenance |
| 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. | 11574 |
| Fund Sanction Amount (in Rs.) | 45000 |

ACTIVITY STATEMENT

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

| | | | | | |
|---|--|-----|---------|----------------|-----------------|
| 1 | <p style="text-align: center;">Masonry</p> <p>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> | Cum | 0.27209 | 5004.798222448 | 1361.7555483459 |
| 2 | <p>Plastering (AR1008) : 20mm thick cement Plaster in CM (1:6) over brick work in inside. - 20mm thick cement Plaster in CM (1:6) for stone 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 | 55.25 | 252.671966438 | 13960.126145699 |

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|---|---|-----|--------|---------------|-----------------|
| 3 | <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 | 4.2265 | 241.400187062 | 1020.2778906175 |
| 4 | <p>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,e tc.complete. and as per the direction of Engineer in Charge.</p> | Sqm | 4.2265 | 79.21834 | 334.81631401 |

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|---|--|-----|---------|-----------------|-----------------|
| 5 | <p style="text-align: center;">Painting (AR0901di) : Priming one coat with outer surface primer of approved quality water-bound primer over plastering surfaces(outer surface) - Priming one coat with outer 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.</p> | Sqm | 97.8585 | 72.855030353548 | 7129.4839878527 |
| 6 | <p style="text-align: center;">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)</p> | Sqm | 4.2265 | 94.76013415 | 400.50370698497 |

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|---|---|-----|-----------|-----------------|-----------------|
| 7 | <p style="text-align: center;">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> | Sqm | 93.637852 | 57.903423083161 | 5421.9521609544 |
| 8 | <p style="text-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 | 11.34 | 230.35420628603 | 2612.2166992836 |
| Total Amount (in Rs.): 32241.132453749 | | | | | |

LABOUR STATEMENT

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

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|-----|---|------|-----------|-----|
| 1 | <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> | - | 0.27209 | Cum |
| i | Un-Skilled | 2.96 | 0.8053864 | - |
| ii | Skilled | 1.05 | 0.2856945 | - |
| iii | Highly-Skilled | 0.35 | 0.0952315 | - |
| 2 | <p>Plastering (AR1008) : 20mm thick cement Plaster in CM (1:6) over brick work in inside. - 20mm thick cement Plaster in CM (1:6) for stone 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> | - | 55.25 | Sqm |

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|---|----|---|-------|-----------|-----|
| | i | Un-Skilled | 0.24 | 13.26 | - |
| | ii | Skilled | 0.16 | 8.84 | - |
| 3 | | 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. | - | 4.2265 | Sqm |
| | i | Un-Skilled | 0.24 | 1.01436 | - |
| | ii | Skilled | 0.16 | 0.67624 | - |
| 4 | | 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.co mplete. and as per the direction of Engineer in Charge. | - | 4.2265 | Sqm |
| | i | Un-Skilled | 0.057 | 0.2409105 | - |

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|---|----|--|-------------------|-----------------|-----|
| | ii | Skilled | 0.05 | 0.211325 | - |
| 5 | | Painting (AR0901di) : Priming one coat with outer surface primer of approved quality water-bound primer over plastering surfaces(outer surface) - Priming one coat with outer 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. | - | 97.8585 | Sqm |
| | i | Highly-Skilled | 0.053763440860215 | 5.2612096774194 | - |
| | ii | Un-Skilled | 0.053763440860215 | 5.2612096774194 | - |
| 6 | | 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) | - | 4.2265 | Sqm |
| | i | Highly-Skilled | 0.054 | 0.228231 | - |
| | ii | Un-Skilled | 0.064 | 0.270496 | - |

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|-----|---|--------------------|------------------|-----|
| 7 | <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> | - | 93.637852 | Sqm |
| i | Un-Skilled | 0.042752688172043 | 4.0032698876559 | - |
| ii | Highly-Skilled | 0.022 | 2.060032744 | - |
| iii | Skilled | 0.0080645161290323 | 0.75514396774194 | - |
| 8 | <p>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> | - | 11.34 | Sqm |
| i | Highly-Skilled | 0.18817204301075 | 2.1338709677419 | - |

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|----|------------|------------------|-----------------|---|
| ii | Un-Skilled | 0.17204301075269 | 1.9509677419355 | - |
|----|------------|------------------|-----------------|---|

| Sl.No. | Labour Type | Qty Unit | Rate | Amount |
|-------------------------------|----------------|-----------------|------|-----------------|
| 1 | Un-Skilled | 26.806600207011 | 462 | 12384.649295639 |
| 2 | Skilled | 10.768403467742 | 562 | 6051.842748871 |
| 3 | Highly-Skilled | 9.7785758891613 | 612 | 5984.4884441667 |
| Total: 24420.980488677 | | | | |

MATERIAL STATEMENT

| Sl.No. | Activity Name/Material | Qty/unit (B=Analysis Basic Qty/Header Unit) | Quantity (Meaurement Qty) | Unit |
|--------|---|---|---------------------------|---------|
| 1 | 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. | - | 0.27209 | Cum |
| i) | BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK | 1 | 0.27209 | 1 Cum |
| ii) | BRM340 : Cement | 0.672 | 0.18284448 | 1 Qntl. |
| iii) | BRM028 : Screened and washed sharp sand for mortar | 0.28 | 0.0761852 | 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./Cm ² with dimensional tolerance \pm 2 % | 350 | 95.2315 | 1000 Nos |
| 2 | Plastering (AR1008) :20mm thick cement Plaster in CM (1:6) over brick work in inside. - 20mm thick cement Plaster in CM (1:6) for stone 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. | - | 55.25 | Sqm |
| i) | BRM340 : Cement | 0.057 | 3.14925 | 1 Qntl. |
| ii) | BRM028 : Screened and washed sharp sand for mortar | 0.021 | 1.16025 | 1 Cum |
| 3 | 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. | - | 4.2265 | Sqm |
| i) | BRM340 : Cement | 0.043 | 0.1817395 | 1 Qntl. |
| ii) | BRM028 : Screened and washed sharp sand for mortar | 0.018 | 0.076077 | 1 Cum |

| | | | | |
|----|--|-------------------|-----------------|-------|
| 4 | <p>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.</p> | - | 4.2265 | Sqm |
| i) | BRMMR0038 : Cement based putty | 0.8 | 3.3812 | kg |
| 5 | <p>Painting(AR0901di) :.Priming one coat with outer surface primer of approved quality water-bound primer over plastering surfaces(outer surface) - Priming one coat with outer 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.</p> | - | 97.8585 | Sqm |
| i) | BRM253 : Wall cement primer (I.S.I.) Water bound | 0.090322580645161 | 8.8388322580645 | 1 Ltr |
| 6 | <p>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)</p> | - | 4.2265 | Sqm |

| | | | | |
|-----|---|-------------------|------------------|---------|
| i) | BRM140 : Plastic Emulsion paint | 0.125 | 0.5283125 | 1 Litre |
| 7 | 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) | - | 93.637852 | Sqm |
| i) | BRM143 : Cement paint | 0.25 | 23.409463 | 1 Kg. |
| ii) | BRM340 : Cement | 0.010763440860215 | 1.0078654822796 | 1 Qntl. |
| 8 | 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. | - | 11.34 | Sqm |
| i) | BRM137 : Red oxide Primer | 0.054 | 0.61236 | 1 Litre |
| ii) | BRM141 : Enamel paint | 0.125 | 1.4175 | 1 Litre |

| Sl.No. | Material Name | Qty | Unit | Rate | Amount |
|--------|------------------|-----------------|----------|---------|-----------------|
| 1 | BRMMR0025 | 0.27209 | 1 Cum | 33 | 8.97897 |
| 2 | BRM340 | 4.5216994622796 | 1 Qntl. | 598.962 | 2708.3261533259 |
| 3 | BRM028 | 1.3125122 | 1 Cum | 407.34 | 534.638719548 |
| 4 | BRM005 | 95.2315 | 1000 Nos | 6.1539 | 586.04512785 |
| 5 | BRMMR0038 | 3.3812 | kg | 30 | 101.436 |

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|-------------------------------|---------------|-----------------|---------|-----------|-----------------|
| 6 | BRM253 | 8.8388322580645 | 1 Ltr | 159.33732 | 1408.3558439295 |
| 7 | BRM140 | 0.5283125 | 1 Litre | 249.64732 | 131.8917997475 |
| 8 | BRM143 | 23.409463 | 1 Kg. | 48.13732 | 1126.8688114592 |
| 9 | BRM137 | 0.61236 | 1 Litre | 143.00732 | 87.5719624752 |
| 10 | BRM141 | 1.4175 | 1 Litre | 205.64732 | 291.5050761 |
| Total: 6985.6184644353 | | | | | |

ROYALTY STATEMENT

| S/N | Material Name | Qty | Unit | Royalty Rate | Amount |
|---------------------------|---------------|-----------|-------|--------------|-------------|
| 1 | BRM028 | 1.3125122 | 1 Cum | 40.25 | 52.82861605 |
| Total: 52.82861605 | | | | | |

ADDITION COMPONENT

| Sl.No. | Item Name | Amount (in Rs.) |
|---|---|-----------------|
| 1 | Provision for PH Work @ Rs. 11008.85 | Rs. 11008.85 |
| 2 | Provision for Contingency @ Rs. 250 | Rs. 250 |
| 3 | Display Citizen Board @ Rs. 500 | Rs. 500 |
| 4 | Any Other Lumpsum @ Rs. 1000 | Rs. 1000 |
| Total Addition Component Amount (in Rs.): 12758.85 | | |

Total Net Amount (in Rs.): 44999.982453749