

ESTIMATION DPR

State	Odisha	District	Kalahandi	Block	Bhawanipatna	Panchayat	Artal
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Work Code	OD/358/3409/118593/423627/00015268 (CONST OF ADDITIONAL CLASS ROOM AT KULERGUDA M.E SCHOOL AT ARTAL GP)						
Project Category	Building						

Financial Year	2023-24	Execution Level	Artal, G.P
Executing Agency	Panchayat Samiti, Bhawanipatna	Proposal Date	-
Date of Commencement	-	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			

Administrative Approval Details

Approval No.	
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Technical Sanction Details

Technical Sanction No.	
Fund Sanction No.	
Fund Sanction Amount (in Rs.)	400000

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
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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	19.296	235.56432	4545.44911872
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	9.768	517.288872	5052.877701696

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>	Cum	3.57	5575.55555636	19904.733336205
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4	<p style="text-align: center;">R.C.C.</p> <p>Work (AR0404Aa) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips -</p> <p>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 centering and shuttering) complete and as per direction of Engineer-in charge (RCC foundation, footing bases of column, mass concrete, pre-cast slabs etc.)</p>	Cum	3.868875	6344.8244700237	24547.332771463
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5	<p style="text-align: center;">R.C.C.</p> <p>Work (AR0404Ab) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips -</p> <p>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 centering and shuttering) complete and as per direction of Engineer-in charge (RCC Plinth band)</p>	Cum	1.346875	7098.1115951654	9560.2690547384
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6	<p style="text-align: center;">R.C.C.</p> <p>Work (AR0404Ac) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips -</p> <p>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 centering and shuttering) complete and as per direction of Engineer-in charge. (RCC Beams, Column, Girder & Bresher etc)</p>	Cum	2.6675	14296.270107344	38135.30051134
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7	<p style="text-align: center;">R.C.C.</p> <p>Work (AR0404Ad) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips -</p> <p>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 centering and shuttering) complete and as per direction of Engineer-in charge (RCC Lintels)</p>	Cum	0.808125	12965.299948554	10477.583020925
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8	<p style="text-align: center;">R.C.C.</p> <p>Work (AR0404Af) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips -</p> <p>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 centering and shuttering) complete and as per direction of Engineer-in charge (RCC Sun sheds & Chajja)</p>	Sqm	3.2625	1098.4123853835	3583.5704073137
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9	<p style="text-align: center;">R.C.C.</p> <p>Work (AR0404Ag) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips -</p> <p>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 centering and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, landing, balcony, sun shade)</p>	Cum	3.0996875	12586.507824414	39014.240971988
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10	<p style="text-align: center;">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 -</p> <p>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.</p>	Qntl	12.28	7924.5486679	97313.457641812
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11	<p style="text-align: center;">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 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	2.3690625	4862.658781248	11519.94256895
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12	<p style="text-align: center;">Masonry Brick Work (AR0603ci) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure - Brickwork with Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm² 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	11.955	4895.988781248	58531.54587982
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13	<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	36.55	243.912860012	8915.0150334386
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14	<p>Plastering (AR1004i) : 12mm thick cement plaster (1:6) over Brick work in outside. - 12mm thick cement plaster (1:6) over Brick work in outside 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	47.69	170.4274209272	8127.6837040182
15	<p>miscellaneous (ARM029) : Doors-Taking out the door or window shutters and refixing them including screws as may be required.(Doors and Window) and as directed by Engineer-in-Charge. - Doors- Taking out the door or window shutters and refixing them including screws as may be required.(Doors and Window) and as directed by Engineer-in-Charge.</p>	Each	4.73	71.8	339.614

16	<p>miscellaneous (ARM030) : Windows-Taking out the door or window shutters and refixing - Windows-Taking out the door or window shutters and refixing them including screws as may be required.(Doors and Window) and as directed by Engineer-in-Charge.</p>	Each	3.42	45.03	154.0026
17	<p>Painting (AR0901b) : Priming one coat in inner surface with primer of approved quality over iron work. - Priming one coat in inner 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.</p>	Sqm	18.5175	66.453321424133	1230.5493794714

18	<p style="text-align: center;">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.</p>	Sqm	109.04	70.025186666667	7635.5463541334
19	<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	61.35	99.279619025	6090.8046271838

20	<p style="text-align: center;">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.</p>	Sqm	47.69	55.924004515	2667.0157753203
21	<p style="text-align: center;">Other Building Items. (AR1901Ba) : Vitrified Tile 600mmx600mm Coloured /Printed - Supplying, fitting & fixing Vitrified Tile 600mmx600mm Coloured /Printed series(Homogene ous) in floors of size 600mm x 600 mm of approved make conforming IS:13755 laid on 20 mm thick cement mortar(1:4)and filling joints with white cement of approved quality including cost of all work all materials, taxes, labor, T&P , etc. complete as per direction of Engineer-in- charge.</p>	Sqm	13.1925	1202.339065685	15861.858124049
Total Amount (in Rs.): 373208.39258259					

LABOUR STATEMENT

1	<p>Earth Work (AR01 02aa) : Earth work in hard soil or gravell y soil founda tion & plinth within 50m. Initial lead and 1.5m initial lift -</p> <p>Earth work in hard soil or gravell y soil foundat ion & plinth within 50m. Initial lead and 1.5m initial lift includi ng rough dressin g and breakin g clods to maxim um 5cm to 7cm and laying in layers not exceedi ng 0.3m in depth and as per the directio n of the Engine</p>	19.296	Cubic Meter	0.516	9.9567 36	-	-	-	-	-	-
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2	Earth Work (AR01 15) : 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.	9.768	Cubic Meter	0.1236	1.2073 248	-	-	-	-	-	-
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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</p>	3.57	Cubic Meter	3.9	13.923	-	-	0.18	0.6426	-	-
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4	R.C.C. Work (AR04 04Aa) : 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	3.8688 75	Cubic Meter	1.3333	5.1583 710375	0.1323	0.5118 521625	0.175	0.6770 53125	-	-
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5	R.C.C. Work (AR04 04Ab) : 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	1.346875	Cubic Meter	1.3333	1.7957884375	0.3073	0.4138946875	0.35	0.47140625	-	-
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6	R.C.C. Work (AR04 04Ac) : 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	2.6675	Cubic Meter	1.3333	3.5565 7775	5.2960 5	14.127 213375	5.3387 5	14.241 115625	-	-
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7	R.C.C. Work (AR04 04Ad) : 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	0.8081 25	Cubic Meter	1.3333	1.0774 730625	2.3010 5	1.8595 360312 5	2.3437 5	1.8940 429687 5	-	-
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8	R.C.C. Work (AR04 04Af) : 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	3.2625	Square Meter	0.0833 3125	0.2718 682031 25	0.3396 3125	1.1080 469531 25	0.3423	1.1167 5375	-	-
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9	R.C.C. Work (AR04 04Ag) : 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	3.0996 875	Cubic Meter	1.3333	4.1328 133437 5	3.1125 5	9.6479 323281 25	3.1552 5	9.7802 889843 75	-	-
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10	R.C.C. Work (AR04 09) : 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	12.28	Quintal	0.8	9.824	0.044	0.5403 2	-	-	0.3	3.684
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11	<p>Masonry Brick Work (AR06 03c) : 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 immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P require</p>	2.3690 625	Cubic Meter	2.82	6.6807 5625	-	-	1.05	2.4875 15625	0.35	0.8291 71875
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12	<p>Masonry Brick Work (AR06 03ci) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure</p> <p>- Brickwork with Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm² 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</p>	11.955	Cubic Meter	2.82	33.7131	-	-	1.05	12.55275	0.35	4.18425
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13	<p>Plastering (AR10 14) : 16mm thick cement Plaster in CM (1:6) over brick work in inside.</p> <p>- 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 directio</p>	36.55	Square Meter	0.24	8.772	-	-	0.16	5.848	-	-
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14	Plastering (AR10 04i) : 12mm thick cement plaster (1:6) over Brick work in outside . - 12mm thick cement plaster (1:6) over Brick work in outside 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.a nd as per direction of Engineer-in-	47.69	Square Meter	0.12	5.7228	-	-	0.14	6.6766	-	-
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17	Painting (AR09 01b) : Priming one coat in inner surface with primer of approved quality over iron work. - Priming one coat in inner 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.	18.5175	Square Meter	0.053763440860215	0.99556451612903	-	-	-	-	0.053763440860215	0.99556451612903
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18	Painting (AR09 01d) : 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 Engine	109.04	Square Meter	0.0537 634408 60215	5.8623 655913 978	-	-	-	-	0.0537 634408 60215	5.8623 655913 978
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19	Painting (AR09 20) : 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)	61.35	Square Meter	0.064	3.9264	-	-	-	-	0.054	3.3129
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20	Painting (AR09 18Ai) : 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.	47.69	Square Meter	0.043	2.05067	-	-	-	-	0.036	1.71684
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21	<p>Other Building Items. (AR19 01Ba) : Vitrified Tile 600mm x600mm Colour ed /Printed - Supplying, fitting & fixing Vitrified Tile 600mm x600mm Coloured /Printed series(Homogeneous) in floors of size 600mm x 600 mm of approved make conforming IS:1375 5 laid on 20 mm thick cement mortar(1:4)and filling joints with white cement of approved quality including cost of all work all materia</p>	13.1925	Square Meter	0.216	2.84958	-	-	-	-	0.216	2.84958
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Total Qty	121.4771889919	56.388126328125	28.2087955375	23.434671982527
Rate Per Man Day	452	552	502	602
Total Amount	54907.68942434	31126.245733125	14160.815359825	14107.672533481
Total Labour Amount (in Rs.): 114302.42305077				

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	-	19.296	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.	-	9.768	Cum
i)	BRM029 : Sand for filling and road blinding	1	9.768	1 Cum

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>	-	3.57	Cum
i)	BRM340 : Cement	2.29	8.1753	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	1.7136	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	3.4272	1 Cum.

4	<p>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 centering and shuttering) complete and as per direction of Engineer-in charge (RCC foundation, footing bases of column, mass concrete, pre-cast slabs etc.)</p>	-	3.868875	Cum
i)	BRM340 : Cement	3.4733	13.4377635375	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	1.74099375	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	1.392795	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	2.0891925	1 Cum.
v)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.004005	0.015494844375	1Cum.
vi)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.189	0.731217375	1Mtr.
5	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 centering and shuttering) complete and as per direction of Engineer-in charge (RCC Plinth band)	-	1.346875	Cum
i)	BRM340 : Cement	3.4733	4.6781009375	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.60609375	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	0.484875	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	0.7273125	1 Cum.
v)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.01335	0.01798078125	1Cum.
vi)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.63	0.84853125	1Mtr.

6	<p>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 centering and shuttering) complete and as per direction of Engineer-in charge. (RCC Beams, Column, Girder & Bresher etc)</p>	-	2.6675	Cum
i)	BRM340 : Cement	3.4733	9.26502775	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	1.200375	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	0.9603	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	1.44045	1 Cum.
v)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	4.4196	11.789283	1Mtr
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.041529	0.1107786075	1Cum.
7	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 centering and shuttering) complete and as per direction of Engineer-in charge (RCC Lintels)	-	0.808125	Cum
i)	BRM340 : Cement	3.4733	2.8068605625	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.36365625	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	0.290925	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	0.4363875	1 Cum.
v)	BRM094 : Non-sal bullahs 125mm. mean dia of any length.	3.7695	3.0462271875	1Mtr.
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0741335	0.0599091346875	1Cum.

8	<p>R.C.C. Work (AR0404Af) :.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 centering and shuttering) complete and as per direction of Engineer-in charge (RCC Sun sheds & Chajja)</p>	-	3.2625	Sqm
i)	BRM340 : Cement	0.21708125	0.708227578125	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.028125	0.0917578125	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)	0.0225	0.07340625	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)	0.03375	0.110109375	1 Cum.
v)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.68432	2.232594	1Mtr
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00552344	0.018020223	1Cum.
9	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 centering and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, landing, balcony, sun shade)	-	3.0996875	Cum
i)	BRM340 : Cement	3.4733	10.76614459375	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	1.394859375	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	1.1158875	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	1.67383125	1 Cum.
v)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	6.2216	19.28501575	1Mtr
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0502172	0.155657627125	1Cum.

10	<p>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.</p>	-	12.28	Qntl
i)	BRM162 : Binding Wire.	0.8	9.824	1 Kg.
ii)	BRM341 : Steel	1.05	12.894	1 Qntl.
11	<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 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>	-	2.3690625	Cum

i)	BRM006 : Fly ash bricks of 23 Cm. x 11 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm2 with dimensional tolerance $\pm 2\%$	400	947.625	1000 Nos
ii)	BRM340 : Cement	0.672	1.59201	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.28	0.6633375	1 Cum
12	Masonry Brick Work (AR0603ci) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure - Brickwork with Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm2 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.	-	11.955	Cum
i)	BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK	1	11.955	1 Cum
ii)	BRM006 : Fly ash bricks of 23 Cm. x 11 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm2 with dimensional tolerance $\pm 2\%$	400	4782	1000 Nos
iii)	BRM340 : Cement	0.672	8.03376	1 Qntl.

iv)	BRM028 : Screened and washed sharp sand for mortar	0.28	3.3474	1 Cum
13	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.	-	36.55	Sqm
i)	BRM340 : Cement	0.043	1.57165	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	0.6579	1 Cum
14	Plastering (AR1004i) :.12mm thick cement plaster (1:6) over Brick work in outside. - 12mm thick cement plaster (1:6) over Brick work in outside 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.	-	47.69	Sqm
i)	BRM340 : Cement	0.0358	1.707302	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.71535	1 Cum

15	<p>miscellaneous(ARM 029) :.Doors-Taking out the door or window shutters and refixing them including screws as may be required.(Doors and Window) and as directed by Engineer-in-Charge.</p> <p>- Doors-Taking out the door or window shutters and refixing them including screws as may be required.(Doors and Window) and as directed by Engineer-in-Charge.</p>	-	4.73	Each
i)	<p>BRMM029 : Doors-Taking out the door or window shutters and refixing them including screws as may be required.(Doors and Window)</p>	1	4.73	Each
16	<p>miscellaneous(ARM 030) :.Windows-Taking out the door or window shutters and refixing -</p> <p>Windows-Taking out the door or window shutters and refixing them including screws as may be required.(Doors and Window) and as directed by Engineer-in-Charge.</p>	-	3.42	Each
i)	<p>BRMM030 : Windows-Taking out the door or window shutters and refixing them including screws as may be required.(Doors and Window)</p>	1	3.42	Each

17	Painting(AR0901b) :.Priming one coat in inner surface with primer of approved quality over iron work. - Priming one coat in inner 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.	-	18.5175	Sqm
i)	BRM137 : Red oxide Primer	0.054	0.999945	1 Litre
18	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.	-	109.04	Sqm
i)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.084	9.15936	1 Ltr

19	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)	-	61.35	Sqm
i)	BRM140 : Plastic Emulsion paint	0.125	7.66875	1 Litre
20	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.	-	47.69	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.075	3.57675	1 Ltr

21	<p>Other Building Items. (AR1901Ba) :.Vitrified Tile 600mmx600mm Coloured /Printed - Supplying, fitting & fixing Vitrified Tile 600mmx600mm Coloured /Printed series(Homogeneous) in floors of size 600mm x 600 mm of approved make conforming IS:13755 laid on 20 mm thick cement mortar(1:4)and filling joints with white cement of approved quality including cost of all work all materials, taxes, labor, T&P , etc. complete as per direction of Engineer-in-charge.</p>	-		13.1925	Sqm
i)	<p>BRM132 : Tiles up to Polished Vitrified floor tiles of premium grade having thickness 8 mm to 10mm confirming to IS 15622:2006 (Group-B 1a) of sizes Vitrified Tile 600mmx600mm Coloured / Printed series(Homogeneous)</p>	1		13.1925	1 Sqm.
ii)	<p>BRM174 : White Cement.</p>	0.0076		0.100263	1Qntl
iii)	<p>BRM340 : Cement</p>	0.1074		1.4168745	1 Qntl.
iv)	<p>BRM028 : Screened and washed sharp sand for mortar</p>	0.021		0.2770425	1 Cum

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	9.768	1 Cum	413.05	4034.6724
2	BRM340	64.159021459375	1 Qntl.	675.782	43357.511839859
3	BRM028	12.7723659375	1 Cum	417.99	5338.7212382156
4	BRM044	3.4272	1 Cum.	1401.46	4803.083712
5	BRM060	4.31818875	1 Cum.	1801.21	7777.9647583875

6	BRM052	6.477283125	1 Cum.	1786.21	11569.787890706
7	BRM104	0.3778412179375	1Cum.	58573.086	22131.326152598
8	BRM092	1.579748625	1Mtr.	229.106	361.92988847925
9	BRM084	33.30689275	1Mtr	250.166	8332.2521316965
10	BRM094	3.0462271875	1Mtr.	240.106	731.41742508187
11	BRM162	9.824	1 Kg.	90.1	885.1424
12	BRM341	12.894	1 Qntl.	5829.112	75160.570128
13	BRM006	5729.625	1000 Nos	5.1291	29387.8195875
14	BRMMR0025	11.955	1 Cum	33	394.515
15	BRMM029	4.73	Each	71.8	339.614
16	BRMM030	3.42	Each	45.03	154.0026
17	BRM137	0.999945	1 Litre	143.36402	143.3561349789
18	BRM253	9.15936	1 Ltr	159.03	1456.6130208
19	BRM140	7.66875	1 Litre	250.00402	1917.218328375
20	BRM255	3.57675	1 Ltr	190.16402	680.169158535
21	BRM132	13.1925	1 Sqm.	716.8158341	9456.5928913642
22	BRM174	0.100263	1Qntl	2083.582	208.906182066
Total: 228623.18686864					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	9.768	1 Cum	43.25	422.466
2	BRM028	12.7723659375	1 Cum	43.25	552.40482679688
3	BRM044	3.4272	1 Cum.	159.5	546.6384
4	BRM060	4.31818875	1 Cum.	159.5	688.751105625
5	BRM052	6.477283125	1 Cum.	159.5	1033.1266584375
Total: 3243.3869908594					

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 4000	Rs. 4000

2	Display Citizen Board @ Rs. 2500	Rs. 2500
3	Any Other Lumpsum @ Rs. 20291.6	Rs. 20291.6
Total Addition Component Amount (in Rs.): 26791.6		

Total Net Amount (in Rs.): 399999.99258259