

ESTIMATION DPR							
State	Odisha	District	Sonepur	Block	Sonepur	Panchayat	Janmura
Work Code	OD/372/3570/275277/419596/00013498 (Const. of Market Complex, Janmura)						
Project Category	Building						
Financial Year	2023-24	Execution Level			Janmura, G.P		
Executing Agency	Panchayat Samiti, Sonepur	Proposal Date			15-02-2024		
Date of Commencement	-	Date of Completion					
Scheme Name	5th SFC Grant in Aid	Scheme Component Name			Creation of Capital Asset for Revenue Generation		
Project Sub-Category	Market Complex	Project Type			New Work		
Name of Executant	SHRI RAJENDRA MANDAL						

Administrative Approval Details

Approval No.	
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Technical Sanction Details

Technical Sanction No.	
Fund Sanction No.	12821
Fund Sanction Amount (in Rs.)	1000000

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	22.4064	235.56432	5278.148379648
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	3.8736	645.558872	2500.6368465792

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	8.76275	5813.64389262	50943.508020056
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4	<p style="text-align: center;">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 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	14.66688	5045.197512216	73997.306487971
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5	<p style="text-align: center;">Masonry Brick Work (AR0603bi) :</p> <p>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 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	29.384	5078.527512216	149227.45241895
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6	<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	4.185	6428.6826126839	26904.036734082
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7	<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	2.61125	7181.9697378256	18753.918477897
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8	<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	4.67375	14380.128250004	67209.124408456
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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	8.4525	12670.365967074	107096.26833669
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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	22	8691.867292	191221.080424
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11	<p>Plastering (AR1017) : 20mm thick cement Plaster in CM (1:4) over brick work in inside. - 20mm thick cement Plaster in CM (1:4) 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	67.62	266.5481347632	18023.984872688
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12	<p>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.</p>	Sqm	134.22	168.3581597124	22597.032196598
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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.	Sqm	137.556	241.425284754	33209.496469621
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14	<p style="text-align: center;">Other Building Items. (AR1901Ba) : Vitrified Tile 600mmx600mm Coloured /Printed -</p> <p>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>	Sqm	77.9275	1181.1640950706	92045.165018614
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15	<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	134.22	80.870162175	10854.393167129
16	<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	137.556	99.2270800875	13649.280228516

17	<p>miscellaneous (ARM027) : Labour for taking out wooden/steel door frame and refixing the same after necessary repair including making good damages to walls.(Doors and Window) and as directed by Engineer-in-Charge. - Labour for taking out wooden/steel door frame and refixing the same after necessary repair including making good damages to walls.(Doors and Window) and as directed by Engineer-in-Charge.</p>	Each	12.312	75.16	925.36992
18	<p>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.</p>	Qntl	5.3379	15874.081628976	84734.260327311

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>	22.406 4	Cubic Meter	0.516	11.561 7024	-	-	-	-	-	-
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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.	3.8736	Cubic Meter	0.1236	0.4787 7696	-	-	-	-	-	-
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3	<p>Concrete (AR03) : 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>	8.76275	Cubic Meter	3.9	34.174725	-	-	0.18	1.577295	-	-
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4	<p>Masonry Brick Work (AR06 03b) : 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 immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P require</p>	14.66688	Cubic Meter	2.82	41.3606016	-	-	1.05	15.400224	0.35	5.133408
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5	<p>Masonry Brick Work (AR06 03bi) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure</p> <p>- 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 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>	29.384	Cubic Meter	2.82	82.862 88	-	-	1.05	30.853 2	0.35	10.284 4
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6	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	4.185	Cubic Meter	1.3333	5.5798 605	0.1323	0.5536 755	0.175	0.7323 75	-	-
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7	<p>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 -</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</p>	2.61125	Cubic Meter	1.3333	3.481579625	0.3073	0.802437125	0.35	0.9139375	-	-
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8	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	4.67375	Cubic Meter	1.3333	6.231510875	5.29605	24.7524136875	5.33875	24.9519828125	-	-
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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	8.4525	Cubic Meter	1.3333	11.26971825	3.11255	26.308828875	3.15525	26.669750625	-	-
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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	22	Quintal	0.8	17.6	0.044	0.968	-	-	0.3	6.6
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11	Plastering (AR10 17) : 20mm thick cement Plaster in CM (1:4) over brick work in inside. - 20mm thick cement Plaster in CM (1:4) 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	67.62	Square Meter	0.24	16.2288	-	-	0.16	10.8192	-	-
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12	Plastering (AR10 04) : 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.a nd as per direction of Engineer-in-	134.22	Square Meter	0.12	16.1064	-	-	0.14	18.7908	-	-
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13	Plastering (AR10 14) : 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 directio	137.556	Square Meter	0.24	33.01344	-	-	0.16	22.00896	-	-
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14	<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>	77.9275	Square Meter	0.216	16.83234	-	-	-	-	0.216	16.83234
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15	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)	134.22	Square Meter	0.062	8.32164	-	-	-	-	0.052	6.97944
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16	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)	137.556	Square Meter	0.064	8.803584	-	-	-	-	0.054	7.428024
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18	Iron Work (AR17 04) : 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.	5.3379	Quintal	6.3976 377952 756	34.149 950787 402	1.9685 039370 079	10.507 677165 354	3.9370 078740 157	21.015 354330 709	3.4448 818897 638	18.388 435039 37
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19	Painting (AR09 01bi) : 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.	26.2845	Square Meter	0.053763440860215	1.4131451612903	-	-	-	-	0.053763440860215	1.4131451612903
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20	Painting (AR09 03i) : First Floor - Painting two coats of enamel paint in outer surface paint including all costs of labour, Paint and brushes required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)	26.2845	Square Meter	0.1241935483871	3.2643653225806	-	-	-	-	0.14112903225806	3.7095060483871
Total Qty				352.73502048127	173.73307926821	76.768698249047	63.893032352854				
Rate Per Man Day				452	552	602	502				
Total Amount				159436.22925754	95900.659756051	46214.756345927	32074.302241133				
Total Labour Amount (in Rs.): 333625.94760065											

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
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1	<p>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>	-	22.4064	Cum
2	<p>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>	-	3.8736	Cum
i)	<p>BRM029 : Sand for filling and road blinding</p>	1	3.8736	1 Cum

3	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.	-	8.76275	Cum
i)	BRM340 : Cement	2.29	20.0666975	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	4.20612	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	8.41224	1 Cum.

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 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>	-	14.66688	Cum
i)	BRM340 : Cement	0.672	9.85614336	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.28	4.1067264	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	5133.408	1000 Nos

5	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/cm ² 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.	-	29.384	Cum
i)	BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK	1	29.384	1 Cum
ii)	BRM340 : Cement	0.672	19.746048	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.28	8.22752	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 ± 2 %	350	10284.4	1000 Nos

6	<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>	-	4.185	Cum
i)	BRM340 : Cement	3.4733	14.5357605	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	1.88325	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	1.5066	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	2.2599	1 Cum.
v)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.004005	0.016760925	1Cum.
vi)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.189	0.790965	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 centering and shuttering) complete and as per direction of Engineer-in charge (RCC Plinth band)	-	2.61125	Cum
i)	BRM340 : Cement	3.4733	9.069654625	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	1.1750625	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	0.94005	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	1.410075	1 Cum.
v)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.01335	0.0348601875	1Cum.
vi)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.63	1.6450875	1Mtr.

8	<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>	-	4.67375	Cum
i)	BRM340 : Cement	3.4733	16.233335875	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	2.1031875	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	1.68255	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	2.523825	1 Cum.
v)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	4.4196	20.6561055	1Mtr
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.041529	0.19409616375	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)	-	8.4525	Cum
i)	BRM340 : Cement	3.4733	29.35806825	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	3.803625	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	3.0429	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	4.56435	1 Cum.
v)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	6.2216	52.588074	1Mtr
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0502172	0.424460883	1Cum.

10	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.	-	22	Qntl
i)	BRM162 : Binding Wire.	0.8	17.6	1 Kg.
ii)	BRM341 : Steel	1.05	23.1	1 Qntl.
11	Plastering (AR1017) :.20mm thick cement Plaster in CM (1:4) over brick work in inside. - 20mm thick cement Plaster in CM (1:4) 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.	-	67.62	Sqm
i)	BRM340 : Cement	0.0744	5.030928	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.021	1.42002	1 Cum

12	Plastering (AR1004) :.12mm thick cement plster (1:6) over Brick work in inside - 12mm thick cement plster (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.	-	134.22	Sqm
i)	BRM340 : Cement	0.0358	4.805076	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.015	2.0133	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.	-	137.556	Sqm
i)	BRM340 : Cement	0.043	5.914908	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	2.476008	1 Cum

14	<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>	-	77.9275	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	77.9275	1 Sqm.
ii)	<p>BRM174 : White Cement.</p>	0.0076	0.592249	1Qntl
iii)	<p>BRM340 : Cement</p>	0.1074	8.3694135	1 Qntl.
iv)	<p>BRM028 : Screened and washed sharp sand for mortar</p>	0.021	1.6364775	1 Cum

15	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)	-	134.22	Sqm
i)	BRM142 : Distemper	0.25	33.555	1 Kg.
16	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)	-	137.556	Sqm
i)	BRM140 : Plastic Emulsion paint	0.125	17.1945	1 Litre

17	<p>miscellaneous(ARM 027) :.Labour for taking out wooden/steel door frame and refixing the same after necessary repair including making good damages to walls.(Doors and Window) and as directed by Engineer-in-Charge.</p> <p>- Labour for taking out wooden/steel door frame and refixing the same after necessary repair including making good damages to walls.(Doors and Window) and as directed by Engineer-in-Charge.</p>	-	12.312	Each
i)	<p>BRMM027 : Labour for taking out wooden/steel door frame and refixing the same after necessary repair including making good damages to walls.(Doors and Window)</p>	1	12.312	Each
18	<p>Iron Work(AR1704) :.Iron Doors and windows fixing -</p> <p>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.</p>	-	5.3379	Qntl
i)	<p>BRM341 : Steel</p>	1	5.3379	1 Qntl.

19	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.	-		26.2845	Sqm
i)	BRM137 : Red oxide Primer	0.054		1.419363	1 Litre
20	Painting(AR0903i) :.First Floor - Painting two coats of enamel paint in outer surface paint including all costs of labour, Paint and brushes required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)	-		26.2845	Sqm
i)	BRM141 : Enamel paint	0.125		3.2855625	1 Litre

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	3.8736	1 Cum	413.05	1599.99048
2	BRM340	142.98603361	1 Qntl.	580.397	82988.664949143
3	BRM028	33.0512969	1 Cum	417.99	13815.111591231
4	BRM044	8.41224	1 Cum.	1726.96	14527.6019904
5	BRM005	15417.808	1000 Nos	6.4484	99420.1931072
6	BRMMR0025	29.384	1 Cum	33	969.672
7	BRM060	7.1721	1 Cum.	2150.38	15422.740398
8	BRM052	10.75815	1 Cum.	2111.71	22718.0929365
9	BRM104	0.67017815925	1Cum.	58573.086	39254.402957072
10	BRM092	2.4360525	1Mtr.	229.106	558.114244065
11	BRM084	73.2441795	1Mtr	250.166	18323.203408797

12	BRM162	17.6	1 Kg.	90.1	1585.76
13	BRM341	28.4379	1 Qntl.	6435.937	183024.5328123
14	BRM132	77.9275	1 Sqm.	705.3611111	54967.027985245
15	BRM174	0.592249	1Qntl	2041.967	1209.352913783
16	BRM142	33.555	1 Kg.	70.34787	2360.52277785
17	BRM140	17.1945	1 Litre	249.58787	4291.538630715
18	BRMM027	12.312	Each	75.16	925.36992
19	BRM137	1.419363	1 Litre	142.94787	202.89491760681
20	BRM141	3.2855625	1 Litre	205.58787	675.47179612688
Total: 558840.25981604					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	3.8736	1 Cum	170.25	659.4804
2	BRM028	33.0512969	1 Cum	170.25	5626.983297225
3	BRM044	8.41224	1 Cum.	279.5	2351.22108
4	BRM005	15417.808	1000 Nos	0.04025	620.566772
5	BRM060	7.1721	1 Cum.	279.5	2004.60195
6	BRM052	10.75815	1 Cum.	279.5	3006.902925
Total: 14269.756424225					

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for EI Work @ Rs. 11778	Rs. 11778
2	Provision for Contingency @ 1%	Rs. 9754.6713964189
3	Display Citizen Board @ Rs. 3000	Rs. 3000
Total Addition Component Amount (in Rs.): 24532.671396419		

Total Net Amount (in Rs.): 999999.81103831