

ESTIMATION DPR

State	Odisha	District	Nayagarh	Block	Nayagarh	Gram Panchayat	Lathipada
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Work Code	OD/367/3527/120671/406310/00013788 (DEV OF RURALHAAT AT LATHIPADA)		
Project Category	Other Infrastructure		

Financial Year	2022-23	Execution Level	ps
Executing Agency	Panchayat Samiti, Nayagarh	Proposal Date	17-11-2023
Date of Commencement	-	Date of Completion	
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	Development of Rural Haat
Project Sub-Category	Rural Haat	Project Type	New Work
Name of Executant	Monalisa Satapathy		

Administrative Approval Details

Approval No.	
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Technical Sanction Details

Technical Sanction No.	
Fund Sanction No.	20484
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	30.0825	240.77592	7243.1416134
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	48.203875	780.783732	37636.801419361

3	<p>Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal - Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge.</p>	Cum	19.843375	5171.4398043	102618.81932665
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4	<p style="text-align: center;">Masonry Brick Work (AR0603b) :</p> <p>Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth -</p> <p>Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth having crushing strength not less than 75.00 Kg/cm² with dimensional tolerance ±8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.</p>	Cum	28.599	5033.95815384	143966.16924167
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5	<p style="text-align: center;">R.C.C.</p> <p>Work (AR0404Ba) : Reinforced cement concrete work of M-20 grade with 20mm & downgrade size black hard crusher broken granite chips(RCC foundation, footing bases of column, mass concrete, pre-cast slabs etc)(Nominal mix as per IS-456, Table-9). - Reinforced cement concrete work of M-20 grade with 20mm & downgrade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC foundation, footing bases of column, mass concrete, pre-cast slabs etc)(Nominal mix as per IS-456, Table-9).</p>	Cum	6.12	6003.5339553975	36741.627807033
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6	<p style="text-align: center;">R.C.C.</p> <p>Work (AR0404Bb) : Reinforced cement concrete work of M-20 grade with 20mm & downgrade size black hard crusher broken granite chips(RCC Plinth band)(Nominal mix as per IS-456, Table-9). - Reinforced cement concrete work of M-20 grade with 20mm & downgrade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Plinth band)(Nominal mix as per IS-456, Table-9)..</p>	Cum	2.415	6760.3560805392	16326.259934502
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7	<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 centring and shuttering) complete and as per direction of Engineer-in charge. (RCC Beams, Column, Girder & Bressmer etc)</p>	Cum	5.3271875	14059.287342717	74896.45979103
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8	<p style="text-align: center;">R.C.C.</p> <p>Work (AR0404Bg) : Reinforced cement concrete work of M-20 grade with 20mm & downgrade size black hard crusher broken granite chips(RCC Roof slab, lending, balcony, sun shed)(Nominal mix as per IS-456, Table-9). - Reinforced cement concrete work of M-20 grade with 20mm & downgrade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, lending, balcony, sun shed)(Nominal mix as per IS-456, Table-9).</p>	Cum	9.7971875	12305.418359788	120558.49093679
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9	<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	23.6	8929.3601565	210732.8996934
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10	Plastering (AR1017) : 20mm thick cement Plaster in CM (1:4) over brick work in inside. - 20mm thick cement Plaster in CM (1:4) over 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.	Sqm	78.3775	273.326479568	21422.646152341
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11	Plastering (AR1027) : 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping (Inside) - 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside including chipping with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc comp. and as per the direction of the Engineer-in-charge.	Sqm	96.0875	191.862628384	18435.600304848
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12	<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	226.399	71.83248932951	16262.803751712
13	<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	177.299	94.7400035875	16797.30789606

14	<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 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	10.845625	5067.28815384	54957.907083491
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15	<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	49.0925	172.965007426	8491.2846270609
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16	<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	43.3825	247.84224461	10752.016176793
17	<p>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	49.1	57.0910986525	2803.1729438378

18	<p style="text-align: center;">Other Building Items. (AR1901B) : Vitrified Tile 600mmx600mm Plain Ivory -</p> <p>Supplying, fitting & fixing Vitrified Tile 600mmx600mm Plain Ivory 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 materials, taxes, labour, T&P , etc. required for the work all complete as per direction of Engineer-in-charge(for new work only)</p>	Sqm	47.2675	1004.006656061	47456.884615363
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19	<p>Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum - Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) 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. complete as per specificaion and direction of Engineer-in charge.</p>	Cum	3.8735	6958.8341581	26955.0441114
Total Amount (in Rs.): 975055.33742674					

LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement 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>	-	30.0825	Cum
i	Un-Skilled	0.516	15.52257	-
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>	-	48.203875	Cum
i	Un-Skilled	0.1236	5.95799895	-

3	Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal - Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge.	-	19.843375	Cum
i	Un-Skilled	3.9	77.3891625	-
ii	Skilled	0.18	3.5718075	-

4	<p>Masonry Brick Work (AR0603b) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth - Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth having crushing strength not less than 75.00 Kg/cm² with dimensional tolerance ± 8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.</p>	-	28.599	Cum
i	Un-Skilled	2.96	84.65304	-
ii	Skilled	1.05	30.02895	-
iii	Highly-Skilled	0.35	10.00965	-

5	<p>R.C.C. Work (AR0404Ba) : Reinforced cement concrete work of M-20 grade with 20mm & downgrade size black hard crusher broken granite chips(RCC foundation, footing bases of column, mass concrete, pre-cast slabs etc)(Nominal mix as per IS-456, Table-9). - Reinforced cement concrete work of M-20 grade with 20mm & downgrade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC foundation, footing bases of column, mass concrete, pre-cast slabs etc)(Nominal mix as per IS-456, Table-9).</p>	-	6.12	Cum
i	Un-Skilled	1.3333	8.159796	-
ii	Skilled	0.175	1.071	-

	iii	Semi-Skilled	0.1323	0.809676	-
6		R.C.C. Work (AR0404Bb) : Reinforced cement concrete work of M-20 grade with 20mm & downgrade size black hard crusher broken granite chips(RCC Plinth band)(Nominal mix as per IS-456, Table-9). - Reinforced cement concrete work of M-20 grade with 20mm & downgrade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Plinth band)(Nominal mix as per IS-456, Table-9)..	-	2.415	Cum
	i	Un-Skilled	1.3333	3.2199195	-
	ii	Skilled	0.35	0.84525	-
	iii	Semi-Skilled	0.3073	0.7421295	-

7	R.C.C. Work (AR0404Ac) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge. (RCC Beams, Column, Girder & Bressmer etc)	-	5.3271875	Cum
i	Un-Skilled	1.3333	7.10273909375	-
ii	Skilled	5.33875	28.440522265625	-
iii	Semi-Skilled	5.29605	28.213051359375	-

8	<p>R.C.C. Work (AR0404Bg) : Reinforced cement concrete work of M-20 grade with 20mm & downgrade size black hard crusher broken granite chips(RCC Roof slab, lending, balcony, sun shed)(Nominal mix as per IS-456, Table-9). - Reinforced cement concrete work of M-20 grade with 20mm & downgrade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, lending, balcony, sun shed)(Nominal mix as per IS-456, Table-9).</p>	-	9.7971875	Cum
i	Un-Skilled	1.3333	13.06259009375	-
ii	Skilled	3.15525	30.912575859375	-
iii	Semi-Skilled	3.11255	30.494235953125	-

9	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.	-	23.6	Qntl
i	Un-Skilled	0.8	18.88	-
ii	Highly-Skilled	0.3	7.08	-
iii	Semi-Skilled	0.044	1.0384	-

10	<p>Plastering (AR1017) : 20mm thick cement Plaster in CM (1:4) over brick work in inside.</p> <p>- 20mm thick cement Plaster in CM (1:4) over 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>	-	78.3775	Sqm
i	Un-Skilled	0.24	18.8106	-
ii	Skilled	0.16	12.5404	-
11	<p>Plastering (AR1027) : 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping (Inside) - 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside including chipping with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc comp. and as per the direction of the Engineer-in-charge.</p>	-	96.0875	Sqm

	i	Un-Skilled	0.17	16.334875	-
	ii	Skilled	0.14	13.45225	-
12		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.	-	226.399	Sqm
	i	Highly-Skilled	0.053763440860215	12.171989247312	-
	ii	Un-Skilled	0.053763440860215	12.171989247312	-

13	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)	-	177.299	Sqm
i	Highly-Skilled	0.054	9.574146	-
ii	Un-Skilled	0.064	11.347136	-

14	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 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.	-	10.845625	Cum
i	Un-Skilled	2.96	32.10305	-
ii	Skilled	1.05	11.38790625	-
iii	Highly-Skilled	0.35	3.79596875	-

15	<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>	-	49.0925	Sqm
i	Un-Skilled	0.12	5.8911	-
ii	Skilled	0.14	6.87295	-
16	<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>	-	43.3825	Sqm

	i	Un-Skilled	0.24	10.4118	-
	ii	Skilled	0.16	6.9412	-
17		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.	-	49.1	Sqm
	i	Un-Skilled	0.043	2.1113	-
	ii	Highly-Skilled	0.036	1.7676	-

18	<p>Other Building Items. (AR1901B) : Vitrified Tile 600mmx600mm Plain Ivory - Supplying, fitting & fixing Vitrified Tile 600mmx600mm Plain Ivory 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 materials, taxes, labour, T&P , etc. required for the work all complete as per direction of Engineer-in-charge(for new work only)</p>	-	47.2675	Sqm
i	Un-Skilled	0.216	10.20978	-
ii	Highly-Skilled	0.216	10.20978	-

19	<p>Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum - Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) 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. complete as per specificaion and direction of Engineer-in charge.</p>	-	3.8735	Cum
i	Un-Skilled	4.6	17.8181	-
ii	Skilled	0.68	2.63398	-
Sl.No.	Labour Type	Qty Unit	Rate	Amount
2	Un-Skilled	371.15754638481	462	171474.78642978
4	Skilled	148.698791875	562	83568.72103375
5	Highly-Skilled	54.609133997312	612	33420.790006355
3	Semi-Skilled	61.2974928125	512	31384.31632
Total: 319848.61378989				

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	-	30.0825	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.	-	48.203875	Cum
i)	BRM029 : Sand for filling and road blinding	1	48.203875	1 Cum

3	Concrete (AR0303a) :.Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal - Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge.	-	19.843375	Cum
i)	BRM340 : Cement	2.29	45.44132875	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	9.52482	1 Cum
iii)	BRM045 : Granite Stone broken metal 40mm. size (Hand broken)	0.96	19.04964	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 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>	-	28.599	Cum
i)	BRM340 : Cement	0.672	19.218528	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.28	8.00772	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	10009.65	1000 Nos

5	<p>R.C.C. Work (AR0404Ba) :.Reinforced cement concrete work of M-20 grade with 20mm & downgrade size black hard crusher broken granite chips(RCC foundation, footing bases of column, mass concrete, pre-cast slabs etc)(Nominal mix as per IS-456, Table-9). - Reinforced cement concrete work of M-20 grade with 20mm & downgrade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC foundation, footing bases of column, mass concrete, pre-cast slabs etc)(Nominal mix as per IS-456, Table-9).</p>	-	6.12	Cum
i)	<p>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)</p>	0.36	2.2032	1 Cum.

ii)	BRM052 : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	3.3048	1 Cum.
iii)	BRM340 : Cement	3.4733	21.256596	1 Qntl.
iv)	BRM028 : Screened and washed sharp sand for mortar	0.45	2.754	1 Cum
v)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.004005	0.0245106	1Cum.
vi)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.189	1.15668	1Mtr.

6	<p>R.C.C. Work (AR0404Bb) :.Reinforced cement concrete work of M-20 grade with 20mm & downgrade size black hard crusher broken granite chips(RCC Plinth band)(Nominal mix as per IS-456, Table-9). - Reinforced cement concrete work of M-20 grade with 20mm & downgrade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Plinth band)(Nominal mix as per IS-456, Table-9)..</p>	-	2.415	Cum
i)	<p>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)</p>	0.36	0.8694	1 Cum.
ii)	<p>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)</p>	0.54	1.3041	1 Cum.

iii)	BRM340 : Cement	3.4733	8.3880195	1 Qntl.
iv)	BRM028 : Screened and washed sharp sand for mortar	0.45	1.08675	1 Cum
v)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.01335	0.03224025	1Cum.
vi)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.63	1.52145	1Mtr.
7	R.C.C. Work (AR0404Ac) :.Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge. (RCC Beams, Column, Girder & Bressmer etc)	-	5.3271875	Cum
i)	BRM340 : Cement	3.4733	18.50292034375	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	2.397234375	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	1.9177875	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	2.87668125	1 Cum.
v)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	4.4196	23.544037875	1Mtr
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.041529	0.2212327696875	1Cum.

8	<p>R.C.C. Work (AR0404Bg) :.Reinforced cement concrete work of M-20 grade with 20mm & downgrade size black hard crusher broken granite chips(RCC Roof slab, lending, balcony, sun shed)(Nominal mix as per IS-456, Table-9). - Reinforced cement concrete work of M-20 grade with 20mm & downgrade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, lending, balcony, sun shed)(Nominal mix as per IS-456, Table-9).</p>	-	9.7971875	Cum
i)	<p>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)</p>	0.36	3.5269875	1 Cum.

ii)	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	5.29048125	1 Cum.
iii)	BRM340 : Cement	3.4733	34.02857134375	1 Qntl.
iv)	BRM028 : Screened and washed sharp sand for mortar	0.45	4.408734375	1 Cum
v)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	6.2216	60.95418175	1Mtr
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0502172	0.491987324125	1Cum.
9	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.	-	23.6	Qntl
i)	BRM162 : Binding Wire.	0.8	18.88	1 Kg.
ii)	BRM341 : Steel	1.05	24.78	1 Qntl.

10	Plastering (AR1017) :.20mm thick cement Plaster in CM (1:4) over brick work in inside. - 20mm thick cement Plaster in CM (1:4) over 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.	-	78.3775	Sqm
i)	BRM340 : Cement	0.0744	5.831286	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.021	1.6459275	1 Cum
11	Plastering (AR1027) :.6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping (Inside) - 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside including chipping with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc comp. and as per the direction of the Engineer-in-charge.	-	96.0875	Sqm
i)	BRM340 : Cement	0.0372	3.574455	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.0075	0.72065625	1 Cum

12	<p>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>	-	226.399	Sqm
i)	<p>BRM253 : Wall cement primer (I.S.I.) Water bound</p>	0.084	19.017516	1 Ltr
13	<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>	-	177.299	Sqm
i)	<p>BRM140 : Plastic Emulsion paint</p>	0.125	22.162375	1 Litre

14	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 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.	-	10.845625	Cum
i)	BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK	1	10.845625	1 Cum
ii)	BRM340 : Cement	0.672	7.28826	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.28	3.036775	1 Cum
iv)	BRM005 : Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm² with dimensional tolerance ± 2 %	350	3795.96875	1000 Nos

15	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.	-	49.0925	Sqm
i)	BRM340 : Cement	0.0358	1.7575115	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.7363875	1 Cum
16	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.	-	43.3825	Sqm
i)	BRM340 : Cement	0.043	1.8654475	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	0.780885	1 Cum

17	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.	-	49.1	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.075	3.6825	1 Ltr
18	Other Building Items. (AR1901B) :.Vitrified Tile 600mmx600mm Plain Ivory - Supplying, fitting & fixing Vitrified Tile 600mmx600mm Plain Ivory 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 materials, taxes, labour, T&P , etc. required for the work all complete as per direction of Engineer-in-charge(for new work only)	-	47.2675	Sqm
i)	BRM174 : White Cement.	0.0076	0.359233	1Qntl
ii)	BRM340 : Cement	0.1074	5.0765295	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.021	0.9926175	1 Cum

iv)	BRM131 : 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 Plain (Ivory)	1	47.2675	1 Sqm.
19	Concrete (AR0307) :.Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum - Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) 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. complete as per specifaion and direction of Engineer-in charge.	-	3.8735	Cum
i)	BRM340 : Cement	3.23	12.511405	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	1.743075	1 Cum
iii)	BRM056 : Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve & retained on 9.50mm sieve but whole should pass through 19mm sieve) (Crusher broken)	0.9	3.48615	1 Cum.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	48.203875	1 Cum	410.7	19797.3314625

2	BRM340	184.7408584375	1 Qntl.	579.287	107017.97766168
3	BRM028	37.8355825	1 Cum	417.13	15782.356528225
4	BRM045	19.04964	1 Cum.	1038.44	19781.9081616
5	BRM005	13805.61875	1000 Nos	6.00665	82925.519864687
6	BRM060	8.517375	1 Cum.	1694.68	14434.225065
7	BRM052	12.7760625	1 Cum.	1636.3	20905.47106875
8	BRM104	0.7699709438125	1Cum.	58573.086	45099.574309431
9	BRM092	2.67813	1Mtr.	229.106	613.57565178
10	BRM084	84.498219625	1Mtr	250.166	21138.581610708
11	BRM162	18.88	1 Kg.	90.1	1701.088
12	BRM341	24.78	1 Qntl.	6616.487	163956.54786
13	BRM253	19.017516	1 Ltr	159.27787	3029.0694411709
14	BRM140	22.162375	1 Litre	249.48787	5529.2437328913
15	BRMMR0025	10.845625	1 Cum	33	357.905625
16	BRM255	3.6825	1 Ltr	195.03787	718.226956275
17	BRM174	0.359233	1Qntl	2014.547	723.691762451
18	BRM131	47.2675	1 Sqm.	652.7111111	30852.022443919
19	BRM056	3.48615	1 Cum.	1672.63	5831.0390745
Total: 560195.35628057					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	48.203875	1 Cum	305.25	14714.23284375
2	BRM028	37.8355825	1 Cum	305.25	11549.311558125
3	BRM045	19.04964	1 Cum.	199.5	3800.40318
4	BRM005	13805.61875	1000 Nos	0.04025	555.6761546875
5	BRM060	8.517375	1 Cum.	199.5	1699.2163125
6	BRM052	12.7760625	1 Cum.	199.5	2548.82446875
7	BRM056	3.48615	1 Cum.	199.5	695.486925
Total: 35563.151442812					

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
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1	Provision for EI Work @ Rs. 19944.66	Rs. 19944.66
2	Display Citizen Board @ Rs. 3000	Rs. 3000
3	Any Other Lumpsum @ Rs. 2000	Rs. 2000
Total Addition Component Amount (in Rs.): 24944.66		

Total Net Amount (in Rs.): 999999.99742674