

ESTIMATION DPR							
State	Odisha	District	Nuapada	Block	Nuapada	Gram Panchayat	Kermeli

Work Code	OD/368/3534/120842/421762/00016714 (Repaire & Maintance of Govt Primary school,Kermeli)
Project Category	Building

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Nuapada	Proposal Date	-
Date of Commencement	-	Date of Completion	
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	Maintenance of Primary School Building
Project Sub-Category	Elementary School	Project Type	Repair and Maintenance
Name of Executant			

Administrative Approval Details

Approval No.	
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Technical Sanction Details

Technical Sanction No.	
Fund Sanction No.	29518
Fund Sanction Amount (in Rs.)	280000

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
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1	<p>Dismantling (AR1612) : Dismantling and removing 2.5 cm. thick artificial stone flooring - Dismantling and removing 2.5 cm. thick artificial stone flooring including stacking the useful materials for reuse and removing the debris within 50m lead and as per direction of Engineer-in-Charge.</p>	Sqm	62.430816	98.176344086021	6129.2292731871
2	<p>Dismantling (AR1613) : Removing old lime or cement plaster - Removing old lime or cement plaster from walls including raking out joints 12 mm deep and removing the debris within 50m lead and as per direction of Engineer-in-Charge.</p>	Sqm	21.36769	49.088172043011	1048.9008428817

3	<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	8.3817728	235.56432	1974.4466100265
4	<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	0.4903337088	728.863672	357.38642750135

5	<p>Concrete (AR0304) : Cement concrete (1:4:8) with 4 cm. hard granite(Crusher Broken) metal - Cement concrete (1:4:8) with 4 cm. hard granite(Crusher Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge.</p>	Cum	5.0120736	5191.33078672	26019.331984987
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6	<p style="text-align: center;">Masonry Brick Work (AR0603e) : C.B. Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth -</p> <p>Brickwork with C.B. 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 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	2.9374998816	4966.040545472	14587.743514345
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7	<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 centring and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, landing, balcony, sun shade)</p>	Cum	0.3206028096	12370.942321867	3966.1588657901
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8	<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	0.18	7645.3882029	1376.169876522
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9	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	10.5444905	243.438246468	2566.9322772185
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10	<p style="text-align: center;">Flooring (AR0817aa) :</p> <p>Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) -</p> <p>Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the Vitrified tiles including rubbing and polishing complete including cost of precast tiles.</p>	Sqm	62.430816	1524.830734707	95196.427029638
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11	Plastering (AR1006) : 12mm thick cement plaster (1:4) over brickwork in inside - 12mm thick cement plaster (1:4) over brickwork in inside with cement punning for skirting/wall punning including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc. comp. and as per direction of Engineer-in-charge.	Sqm	7.989658	189.2213117744	1511.8135673888
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12	<p style="text-align: center;">Flooring (AR0816j) :</p> <p>Fixing Chequered Tiles in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1 -</p> <p>Fixing Chequered Tiles in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1 (1cement: 1sand) jointed with neat cement slurry mixed with pigment to match the shades of the Chequered tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.</p>	Sqm	4.64515	974.4108846412	4526.2847207911
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13	<p style="text-align: center;">Flooring (AR0817b) :</p> <p>Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) - Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) in wall cladding on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.</p>	Sqm	14.70468684	874.895734707	12865.067796518
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14	<p style="text-align: center;">Painting (AR0919) :</p> <p>Finishing wall One Coat with plastic emulsion paint of approved shades on old work (Inside) -</p> <p>Finishing wall One Coat with plastic emulsion paint of approved shades on old 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	232.907821	61.229565825	14260.844757077
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15	<p style="text-align: center;">Painting (AR0917g) : Finishing wall with one coat weather coat paint of approved shade including one coat of oil bound primer in the outer surface of old work (Outside) - Finishing wall with one coat weather coat paint of approved shade including one coat of oil bound primer in the outer surface of old work to give an even shade including all costs of labour, Paint, Brushes, and putty required for the work, etc. complete and as per direction of Engineer-in-charge. (Outside)</p>	Sqm	174.65764	126.09226868771	22022.978071241
16	<p style="text-align: center;">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	17.372861	66.12027103271	1148.6982779336

17	<p>Concrete (AR0317) : 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips - 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips including hoisting and laying in position compacting 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. (new work)</p>	Sqm	44.59344	350.4604384108	15628.236532646
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18	<p align="center">Other Building Items. (AR1902) : cement based wall putty (water based) -</p> <p>Finishing surface of walls with cement based wall putty (water based) of approved make and finished smooth and even surface to receive painting including cost of scaffolding staging charges with cost of all materials taxes,labour,T&P, etc.complete. and as per the direction of Engineer in Charge.</p>	Sqm	217.114311	79.21834	17199.435307664
Total Amount (in Rs.): 242386.08573336					

LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	<p>Dismantling (AR1612) : Dismantling and removing 2.5 cm. thick artificial stone flooring -</p> <p>Dismantling and removing 2.5 cm. thick artificial stone flooring including stacking the useful materials for reuse and removing the debris within 50m lead and as per direction of Engineer-in-Charge.</p>	-	62.430816	Sqm

	i	Un-Skilled	0.21505376344086	13.425981935484	-
2		Dismantling (AR1613) : Removing old lime or cement plaster - Removing old lime or cement plaster from walls including raking out joints 12 mm deep and removing the debris within 50m lead and as per direction of Engineer-in-Charge.	-	21.36769	Sqm
	i	Un-Skilled	0.10752688172043	2.2976010752688	-
3		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	-	8.3817728	Cum
	i	Un-Skilled	0.516	4.3249947648	-

4	<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>	-	0.4903337088	Cum
i	Un-Skilled	0.1236	0.06060524640768	-
5	<p>Concrete (AR0304) : Cement concrete (1:4:8) with 4 cm. hard granite(Crusher Broken) metal - Cement concrete (1:4:8) with 4 cm. hard granite(Crusher Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	5.0120736	Cum
i	Un-Skilled	3.9	19.54708704	-

	ii	Skilled	0.18	0.902173248	-
6		Masonry Brick Work (AR0603e) : C.B. Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth - Brickwork with C.B. 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/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.	-	2.9374998816	Cum
	i	Un-Skilled	2.96	8.694999649536	-
	ii	Skilled	1.05	3.08437487568	-
	iii	Highly-Skilled	0.35	1.02812495856	-

7	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 centring and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, landing, balcony, sun shade)	-	0.3206028096	Cum
i	Un-Skilled	1.3333	0.42745972603968	-
ii	Skilled	3.15525	1.0115820149904	-
iii	Semi-Skilled	3.11255	0.99789227502048	-

8	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.	-	0.18	Qntl
i	Un-Skilled	0.8	0.144	-
ii	Highly-Skilled	0.3	0.054	-
iii	Semi-Skilled	0.044	0.00792	-

9	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.	-	10.5444905	Sqm
i	Un-Skilled	0.24	2.53067772	-
ii	Skilled	0.16	1.68711848	-

10	<p>Flooring (AR0817aa) : Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) - Fixing</p> <p>Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the Vitrified tiles including rubbing and polishing complete including cost of precast tiles.</p>	-	62.430816	Sqm
i	Highly-Skilled	0.325	20.2900152	-
ii	Un-Skilled	0.325	20.2900152	-
iii	Semi-Skilled	0.76	47.44742016	-

11	<p>Plastering (AR1006) : 12mm thick cement plaster (1:4) over brickwork in inside - 12mm thick cement plaster (1:4) over brickwork in inside with cement punning for skirting/wall punning including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc. comp. and as per direction of Engineer-in-charge.</p>	-	7.989658	Sqm
i	Un-Skilled	0.11	0.87886238	-
ii	Skilled	0.15	1.1984487	-
12	<p>Flooring (AR0816j) : Fixing Chequered Tiles in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1 - Fixing Chequered Tiles in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1 (1cement: 1sand) jointed with neat cement slurry mixed with pigment to match the shades of the Chequered tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.</p>	-	4.64515	Sqm

	i	Un-Skilled	0.216	1.0033524	-
	ii	Highly-Skilled	0.216	1.0033524	-
	iii	Semi-Skilled	0.55	2.5548325	-
13		<p>Flooring (AR0817b) : Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) - Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) in wall cladding on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.</p>	-	14.70468684	Sqm
	i	Un-Skilled	0.325	4.779023223	-
	ii	Highly-Skilled	0.325	4.779023223	-

14	<p>Painting (AR0919) : Finishing wall One Coat with plastic emulsion paint of approved shades on old work (Inside) - Finishing wall One Coat with plastic emulsion paint of approved shades on old 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>	-	232.907821	Sqm
i	Un-Skilled	0.043	10.015036303	-
ii	Highly-Skilled	0.036	8.384681556	-
15	<p>Painting (AR0917g) : Finishing wall with one coat weather coat paint of approved shade including one coat of oil bound primer in the outer surface of old work (Outside) - Finishing wall with one coat weather coat paint of approved shade including one coat of oil bound primer in the outer surface of old work to give an even shade including all costs of labour, Paint, Brushes, and putty required for the work, etc. complete and as per direction of Engineer-in-charge. (Outside)</p>	-	174.65764	Sqm

	i	Highly-Skilled	0.089763440860215	15.677870738925	-
	ii	Un-Skilled	0.096763440860215	16.900474218925	-
16		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.	-	17.372861	Sqm
	i	Highly-Skilled	0.053763440860215	0.93402478494624	-
	ii	Un-Skilled	0.053763440860215	0.93402478494624	-

17	<p>Concrete (AR0317) : 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips - 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips including hoisting and laying in position compacting 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 specification and direction of Engineer-in charge. (new work)</p>	-	44.59344	Sqm
i	Un-Skilled	0.36	16.0536384	-
ii	Highly-Skilled	0.1	4.459344	-
18	<p>Other Building Items. (AR1902) : cement based wall putty (water based) - Finishing surface of walls with cement based wall putty (water based) of approved make and finished smooth and even surface to receive painting including cost of scaffolding staging charges with cost of all materials taxes,labour,T&P,etc. complete. and as per the direction of Engineer in Charge.</p>	-	217.114311	Sqm

i	Un-Skilled	0.057	12.375515727	-
ii	Skilled	0.05	10.85571555	-

Sl.No.	Labour Type	Qty Unit	Rate	Amount
2	Un-Skilled	134.68334979441	452	60876.874107072
4	Skilled	18.73941286867	562	10531.550032193
5	Highly-Skilled	56.610436861431	612	34645.587359196
3	Semi-Skilled	51.00806493502	512	26116.12924673
Total: 132170.14074519				

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Dismantling (AR1612) ::Dismantling and removing 2.5 cm. thick artificial stone flooring - Dismantling and removing 2.5 cm. thick artificial stone flooring including stacking the useful materials for reuse and removing the debris within 50m lead and as per direction of Engineer-in-Charge.	-	62.430816	Sqm

2	<p>Dismantling (AR1613) ::Removing old lime or cement plaster - Removing old lime or cement plaster from walls including raking out joints 12 mm deep and removing the debris within 50m lead and as per direction of Engineer-in-Charge.</p>	-	21.36769	Sqm
3	<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>	-	8.3817728	Cum
4	<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>	-	0.4903337088	Cum
i)	<p>BRM029 : Sand for filling and road blinding</p>	1	0.4903337088	1 Cum

5	<p>Concrete (AR0304) :.Cement concrete (1:4:8) with 4 cm. hard granite(Crusher Broken) metal - Cement concrete (1:4:8) with 4 cm. hard granite(Crusher Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	5.0120736	Cum
i)	<p>BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)</p>	0.96	4.811590656	1 Cum.
ii)	<p>BRM340 : Cement</p>	1.72	8.620766592	1 Qntl.
iii)	<p>BRM028 : Screened and washed sharp sand for mortar</p>	0.48	2.405795328	1 Cum

6	<p>Masonry Brick Work (AR0603e) :.C.B. Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth - Brickwork with C.B. 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 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>	-	2.9374998816	Cum
i)	<p>BRM002 : Well burnt clamp burnt bricks (23 Cm. x 11Cm. x 8Cm.) having crushing strength not less than 35 Kg./Cm² with dimensional tolerance ± 8 percent.</p>	400	1174.99995264	1000 Nos
ii)	<p>BRM340 : Cement</p>	0.672	1.9739999204352	1 Qntl.
iii)	<p>BRM028 : Screened and washed sharp sand for mortar</p>	0.28	0.822499966848	1 Cum

7	<p>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 centring and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, landing, balcony, sun shade)</p>	-	0.3206028096	Cum
i)	BRM340 : Cement	3.4733	1.1135497385837	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.14427126432	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	0.115417011456	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	0.173125517184	1 Cum.
v)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	6.2216	1.9946624402074	1Mtr
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0502172	0.016099775410245	1Cum.
8	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.	-	0.18	Qntl
i)	BRM162 : Binding Wire.	0.8	0.144	1 Kg.
ii)	BRM341 : Steel	1.05	0.189	1 Qntl.

9	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.	-	10.5444905	Sqm
i)	BRM340 : Cement	0.043	0.4534130915	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	0.189800829	1 Cum

10	<p>Flooring (AR0817aa) :.Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) - Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the Vitrified tiles including rubbing and polishing complete including cost of precast tiles.</p>	-	62.430816	Sqm
i)	<p>BRM131 : Tiles up to Polished Vitrified floor tiles of premium grade having thickness 8 mm to 10mm confirming to IS 15622:2006 (Group-B Ia) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)</p>	1	62.430816	1 Sqm.
ii)	<p>BRMMR0027 : Wax Polish</p>	1	62.430816	1 Sqm
iii)	<p>BRM340 : Cement</p>	0.1375	8.5842372	1 Qntl.
iv)	<p>BRM028 : Screened and washed sharp sand for mortar</p>	0.015	0.93646224	1 Cum

11	Plastering (AR1006) :.12mm thick cement plaster (1:4) over brickwork in inside - 12mm thick cement plaster (1:4) over brickwork in inside with cement punning for skirting/wall punning including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc. comp. and as per direction of Engineer- in-charge.	-	7.989658	Sqm
i)	BRM340 : Cement	0.0644	0.5145339752	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.11984487	1 Cum
12	Flooring (AR0816j) :.Fixing Chequred Tiles in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1 - Fixing Chequred Tiles in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1 (1cement: 1sand) jointed with neat cement slurry mixed with pigment to match the shades of the Chequred tiles including rubbing and polishing, cost of precast tiles complete as per direction of Enginer-in-charge.	-	4.64515	Sqm
i)	BRM134 : Chequred Tiles.	1	4.64515	1 Sqm.
ii)	BRMMR0027 : Wax Polish	1	4.64515	1 Sqm
iii)	BRM340 : Cement	0.2737	1.271377555	1 Qntl.

iv)	BRM028 : Screened and washed sharp sand for mortar	0.013	0.06038695	1 Cum
13	Flooring (AR0817b) :.Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) - Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) in wall cladding on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.	-	14.70468684	Sqm
i)	BRM129 : Tiles up to 20cmx30cm / 20cm x 20cm special plain /printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753	1	14.70468684	1 Sqm.
ii)	BRM340 : Cement	0.1375	2.0218944405	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.2205703026	1 Cum

14	Painting(AR0919) :.Finishing wall One Coat with plastic emulsion paint of approved shades on old work (Inside) - Finishing wall One Coat with plastic emulsion paint of approved shades on old 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)	-	232.907821	Sqm
i)	BRM140 : Plastic Emulsion paint	0.075	17.468086575	1 Litre
15	Painting(AR0917g) :.Finishing wall with one coat weather coat paint of approved shade including one coat of oil bound primer in the outer surface of old work (Outside) - Finishing wall with one coat weather coat paint of approved shade including one coat of oil bound primer in the outer surface of old work to give an even shade including all costs of labour, Paint, Brushes, and putty required for the work, etc. complete and as per direction of Engineer-in-charge. (Outside)	-	174.65764	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.075	13.099323	1 Ltr
ii)	BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	14.67124176	1 Ltr

16	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.	-	17.372861	Sqm
i)	BRM137 : Red oxide Primer	0.054	0.938134494	1 Litre
17	Concrete (AR0317) :.2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips - 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips including hoisting and laying in position compacting 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. (new work)	-	44.59344	Sqm
i)	BRM340 : Cement	0.1208	5.386887552	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.0169	0.753629136	1 Cum
iii)	BRM064 : Granite stone broken chips of 4.7 mm size passing through 6.7 mm sieve (crusher broken.) and retained on 2.36 mm sieve.	0.0169	0.753629136	1 Cum.

18	Other Building Items. (AR1902) :.cement based wall putty (water based) - Finishing surface of walls with cement based wall putty (water based) of approved make and finished smooth and even surface to receive painting including cost of scaffolding staging charges with cost of all materials taxes,labour,T&P,etc. complete. and as per the direction of Engineer in Charge.	-	217.114311	Sqm
i)	BRMMR0038 : Cement based putty	0.8	173.6914488	kg

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	0.4903337088	1 Cum	608.35	298.29451174848
2	BRM044	4.811590656	1 Cum.	1661.86	7996.1900475802
3	BRM340	29.940660065219	1 Qntl.	518.78	15532.615628634
4	BRM028	5.653260886768	1 Cum	613.29	3467.0883692459
5	BRM002	1174.99995264	1000 Nos	5.252866	6172.1173012243
6	BRM060	0.115417011456	1 Cum.	2085.28	240.67678564897
7	BRM052	0.173125517184	1 Cum.	2048.9	354.7168721583
8	BRM084	1.9946624402074	1Mtr	250.166	498.99672401691
9	BRM104	0.0160997754102 45	1Cum.	58573.086	943.01352968497
10	BRM162	0.144	1 Kg.	90.1	12.9744
11	BRM341	0.189	1 Qntl.	5591.72	1056.83508
12	BRM131	62.430816	1 Sqm.	662.9720557	41389.886422548
13	BRMMR0027	67.075966	1 Sqm	8.5	570.145711
14	BRM134	4.64515	1 Sqm.	254.75	1183.3519625
15	BRM129	14.70468684	1 Sqm.	417.0920557	6133.2080625203
16	BRM140	17.468086575	1 Litre	249.6711	4361.2763900755
17	BRM255	13.099323	1 Ltr	195.1211	2555.9543130153
18	BRM252	14.67124176	1 Ltr	125.8311	1846.0984890267

19	BRM137	0.938134494	1 Litre	143.0311	134.18240862476
20	BRM064	0.753629136	1 Cum.	1516.81	1143.1122097762
21	BRMMR0038	173.6914488	kg	30	5210.743464
Total: 101101.47868303					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	0.4903337088	1 Cum	57.43	28.159864896384
2	BRM044	4.811590656	1 Cum.	201.5	969.535517184
3	BRM028	5.653260886768	1 Cum	57.43	324.66677272709
4	BRM002	1174.99995264	1000 Nos	0.04025	47.29374809376
5	BRM060	0.115417011456	1 Cum.	201.5	23.256527808384
6	BRM052	0.173125517184	1 Cum.	201.5	34.884791712576
7	BRM064	0.753629136	1 Cum.	201.5	151.856270904
Total: 1579.6534933262					

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for PH Work @ Rs. 8000	Rs. 8000
2	Provision for EI Work @ Rs. 18000	Rs. 18000
3	Provision for Contingency @ 1%	Rs. 2423.8608573336
4	Display Citizen Board @ Rs. 2000	Rs. 2000
5	Any Other Lumpsum @ Rs. 7190	Rs. 7190
Total Addition Component Amount (in Rs.): 37613.860857334		

Total Net Amount (in Rs.): 279999.94659069