

ESTIMATION DPR							
State	Odisha	District	Dhenkanal	Block	Kankada Had	Gram Panchayat	Dashipur

Work Code	OD/352/3354/117371/402204/00045506 (Repair & Maintenance of Gurujanguli PS)						
Project Category	Building						

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Kankada Had	Proposal Date	-
Date of Commencement	22-02-2026	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	RABINARAYAN NANDI		

Administrative Approval Details

Approval No.	OD/352/3354/117371/402204/00045506/AS
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Technical Sanction Details

Technical Sanction No.	OD/352/3354/117371/402204/00045506/TS
Fund Sanction No.	1198
Fund Sanction Amount (in Rs.)	277000

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
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1	<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	53.6514825	175.8453871168	12464.58531442
2	<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	23.8551306638	251.294961728	12464.58531442

3	<p>R.C.C. Work (AR0409) : Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position - Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.</p>	Qntl	1.161	8377.8850974	12464.58531442
4	<p>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	179.978287713	78.8505283	12464.58531442

5	<p>R.C.C. Work (AR0404A) : 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. complete and as per direction of Engineer-in charge. (excluding centring and shuttering)</p>	Cum	1.2910590192192	6428.0154611168	12464.58531442
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6	<p>Masonry Brick Work (AR0603bi) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure - Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm² with dimensional tolerance ±8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.</p>	Cum	5.3112352401248	5425.299588712	12464.58531442
7	<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>	Sqm	163.8356854002	71.83753306751	12464.58531442

8	<p>Painting (AR0901di) : Priming one coat with outer surface primer of approved quality water-bound primer over plastering surfaces(outer surface) - Priming one coat with outer surface primer of approved quality water-bound primer over plastering surfaces including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.</p>	Sqm	88.4049061587	72.855030353548	12464.58531442
9	<p>Dismantling (AR1603) : Dismantling brick or stone masonry under 3m. - Dismantling brick or stone masonry in lime or cement mortar under 3m. height including stacking the useful materials for reuse and removing the debris within 50m. Lead and as per direction of Engineer-in-Charge.</p>	Cum	1.4465968020224	1401.5088339223	12464.58531442

10	<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	48.591520605	50.174193548387	12464.58531442
11	<p>Painting (AR0918fk) : Finishing wall with two coat weather coat paint of approved shade in the outer surface of old work(Outside)(For repair and maintenance) . - Finishing wall with two coat weather coat paint of approved shade in the outer surface of old work to give an even shade including all costs of labour, Paint and Brushes required for the work, etc. complete and as per direction of Engineer-in-charge(Outside)(For repair and maintenance).</p>	Sqm	88.4049061587	89.13803985	12464.58531442

12	<p>Painting (AR0903b) : Painting two coats of enamel paint with a coat of red oxide primer over iron surface - Painting two coats of enamel paint with a coat of red oxide primer over iron surface including all costs of labour, Paint, Primer, brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.</p>	Sqm	29.1753	230.35420628603	12464.58531442
13	<p>Roofing (AR1132i) : Supplying, fitting & fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties - Supplying, fitting & fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties including fixing of ridges valleys wind ties etc. including cost of fitting, Labour and material etc. complete as per direction of Engineer-in-Charge</p>	Sqm	95.1686719125	537.51755491832	12464.58531442

14	<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	19.8559259325	100.34838709677	12464.58531442
15	<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>	Sqm	19.8559259325	1530.067963457	12464.58531442

16	<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>	Cum	0.4653582912	240.77592	12464.58531442
17	<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>	Cum	1.6546638912	1197.378432	12464.58531442

18	<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	1.34434008	7724.46990808	12464.58531442
19	<p>Concrete (AR0309) : Cement Concrete (1:3:6) with 12mm size hard granite (Crusher Broken) chips - Cement Concrete (1:3:6) with 12mm size hard granite (Crusher Broken) chips 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 as per specificaion and direction of Engineer-in charge.</p>	Cum	1.7745289056	7024.1658364	12464.58531442
Total Amount (in Rs.): 222208.24635465					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	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.	-	53.6514825	Sqm
i	Un-Skilled	0.12	6.4381779	-
ii	Skilled	0.14	7.51120755	-
2	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.	-	23.8551306638	Sqm
i	Un-Skilled	0.24	5.725231359312	-
ii	Skilled	0.16	3.816820906208	-

3	<p>R.C.C. Work (AR0409) : Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position - Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.</p>	-	1.161	Qntl
i	Un-Skilled	0.8	0.9288	-
ii	Highly-Skilled	0.3	0.3483	-
iii	Semi-Skilled	0.044	0.051084	-
4	<p>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>	-	179.978287713	Sqm
i	Highly-Skilled	0.052	9.358870961076	-

	ii	Un-Skilled	0.062	11.158653838206	-
5		R.C.C. Work (AR0404A) : 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. complete and as per direction of Engineer-in charge. (excluding centring and shuttering)	-	1.2910590192192	Cum
	i	Un-Skilled	1.3333	1.721368990325	-
	ii	Skilled	0.1	0.12910590192192	-
	iii	Semi-Skilled	0.0573	0.07397768180126	-

6	<p>Masonry Brick Work (AR0603bi) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure - Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm² with dimensional tolerance ±8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.</p>	-	5.3112352401248	Cum
i	Un-Skilled	2.96	15.721256310769	-
ii	Skilled	1.05	5.576797002131	-
iii	Highly-Skilled	0.35	1.8589323340437	-
7	<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>	-	163.8356854002	Sqm

	i	Highly-Skilled	0.053763440860215	8.8083701828065	-
	ii	Un-Skilled	0.053763440860215	8.8083701828065	-
8		Painting (AR0901di) : Priming one coat with outer surface primer of approved quality water-bound primer over plastering surfaces(outer surface) - Priming one coat with outer surface primer of approved quality water-bound primer over plastering surfaces including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.	-	88.4049061587	Sqm
	i	Highly-Skilled	0.053763440860215	4.7529519440161	-
	ii	Un-Skilled	0.053763440860215	4.7529519440161	-
9		Dismantling (AR1603) : Dismantling brick or stone masonry under 3m. - Dismantling brick or stone masonry in lime or cement mortar under 3m. height including stacking the useful materials for reuse and removing the debris within 50m. Lead and as per direction of Engineer-in-Charge.	-	1.4465968020224	Cum
	i	Un-Skilled	3.0035335689046	4.3449020555443	-

10	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.	-	48.591520605	Sqm
i	Un-Skilled	0.10752688172043	5.2248946887097	-
11	Painting (AR0918fk) : Finishing wall with two coat weather coat paint of approved shade in the outer surface of old work(Outside)(For repair and maintenance) . - Finishing wall with two coat weather coat paint of approved shade in the outer surface of old work to give an even shade including all costs of labour, Paint and Brushes required for the work, etc. complete and as per direction of Engineer-in-charge(Outside)(For repair and maintenance).	-	88.4049061587	Sqm
i	Un-Skilled	0.06528	5.7710722740399	-
ii	Highly-Skilled	0.05508	4.8693422312212	-

12	Painting (AR0903b) : Painting two coats of enamel paint with a coat of red oxide primer over iron surface - Painting two coats of enamel paint with a coat of red oxide primer over iron surface including all costs of labour, Paint, Primer, brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.	-	29.1753	Sqm
i	Highly-Skilled	0.18817204301075	5.4899758064516	-
ii	Un-Skilled	0.17204301075269	5.0194064516129	-
13	Roofing (AR1132i) : Supplying, feeting & fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties - Supplying, fitting & fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties including fixing of ridges valleys wind ties etc. including cost of fitting, Labour and material etc. complete as per direction of Engineer-in-Charge	-	95.1686719125	Sqm
i	Un-Skilled	0.21505376344086	20.466381056452	-
ii	Highly-Skilled	0.16129032258065	15.349785792339	-

14	<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>	-	19.8559259325	Sqm
i	Un-Skilled	0.21505376344086	4.2700915983871	-
15	<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>	-	19.8559259325	Sqm
i	Highly-Skilled	0.325	6.4531759280625	-
ii	Un-Skilled	0.325	6.4531759280625	-

	iii	Semi-Skilled	0.76	15.0905037087	-
16		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	-	0.4653582912	Cum
	i	Un-Skilled	0.516	0.2401248782592	-
17		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.	-	1.6546638912	Cum
	i	Un-Skilled	0.1236	0.20451645695232	-

18	<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 specifaion and direction of Engineer-in charge.</p>	-	1.34434008	Cum
	i Un-Skilled	4.6	6.183964368	-
	ii Skilled	0.68	0.9141512544	-
19	<p>Concrete (AR0309) : Cement Concrete (1:3:6) with 12mm size hard granite (Crusher Broken) chips - Cement Concrete (1:3:6) with 12mm size hard granite (Crusher Broken) chips 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 as per specifaion and direction of Engineer-in charge.</p>	-	1.7745289056	Cum
	i Skilled	0.68	1.206679655808	-

ii	Un-Skilled	4.6	8.16283296576	-
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SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	121.59617324721	462	56177.432040213
1	Skilled	19.154762270469	562	10764.976396004
2	Highly-Skilled	57.289705180016	612	35061.29957017
3	Semi-Skilled	15.215565390501	512	7790.3694799366
Total:				109794.07748632

MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	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.	-	53.6514825	Sqm
i)	BRM340 : Cement	0.0358	1.9207230735	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.8047722375	1 Cum

2	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.	-	23.8551306638	Sqm
i)	BRM340 : Cement	0.043	1.0257706185434	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	0.4293923519484	1 Cum
3	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.	-	1.161	Qntl
i)	BRM162 : Binding Wire.	0.8	0.9288	1 Kg.
ii)	BRM341 : Steel	1.05	1.21905	1 Qntl.

4	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)	-	179.978287713	Sqm
i)	BRM142 : Distemper	0.25	44.99457192825	1 Kg.
5	R.C.C. Work (AR0404A) :.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. complete and as per direction of Engineer-in charge. (excluding centring and shuttering)	-	1.2910590192192	Cum
i)	BRM340 : Cement	3.4733	4.484235291454	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.58097655864864	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	0.46478124691891	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	0.69717187037837	1 Cum.
6	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.	-	5.3112352401248	Cum
i)	BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK	1	5.3112352401248	1 Cum
ii)	BRM340 : Cement	0.672	3.5691500813639	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.28	1.4871458672349	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	1858.9323340437	1000 Nos

7	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.	-	163.8356854002	Sqm
i)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.084	13.762197573617	1 Ltr
8	Painting(AR0901di) :.Priming one coat with outer surface primer of approved quality water-bound primer over plastering surfaces(outer surface) - Priming one coat with outer surface primer of approved quality water-bound primer over plastering surfaces including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.	-	88.4049061587	Sqm
i)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.090322580645161	7.9849592659471	1 Ltr
9	Dismantling (AR1603) :.Dismantling brick or stone masonry under 3m. - Dismantling brick or stone masonry in lime or cement mortar under 3m. height including stacking the useful materials for reuse and removing the debris within 50m. Lead and as per direction of Engineer-in-Charge.	-	1.4465968020224	Cum

10	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.	-	48.591520605	Sqm
11	Painting(AR0918fk) : Finishing wall with two coat weather coat paint of approved shade in the outer surface of old work(Outside)(For repair and maintenance) . - Finishing wall with two coat weather coat paint of approved shade in the outer surface of old work to give an even shade including all costs of labour, Paint and Brushes required for the work, etc. complete and as per direction of Engineer-in-charge(Outside)(For repair and maintenance).	-	88.4049061587	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.125	11.050613269838	1 Ltr
12	Painting(AR0903b) : Painting two coats of enamel paint with a coat of red oxide primer over iron surface - Painting two coats of enamel paint with a coat of red oxide primer over iron surface including all costs of labour, Paint, Primer, brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.	-	29.1753	Sqm
i)	BRM137 : Red oxide Primer	0.054	1.5754662	1 Litre
ii)	BRM141 : Enamel paint	0.125	3.6469125	1 Litre

13	Roofing (AR1132i) :.Supplying, feeting & fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties - Supplying, fitting & fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties including fixing of ridges valleys wind ties etc. including cost of fitting, Labour and material etc. complete as per direction of Engineer-in-Charge	-	95.1686719125	Sqm
i)	BRM150 : G.C.I. Sheet 0.40mm thick	1	95.1686719125	1 Sqm.
14	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.	-	19.8559259325	Sqm
15	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.	-	19.8559259325	Sqm

i)	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)	1	19.8559259325	1 Sqm.
ii)	BRMMR0027 : Wax Polish	1	19.8559259325	1 Sqm
iii)	BRM340 : Cement	0.1375	2.7301898157188	1 Qntl.
iv)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.2978388889875	1 Cum
16	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	-	0.4653582912	Cum
17	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.	-	1.6546638912	Cum
i)	BRM029 : Sand for filling and road blinding	1	1.6546638912	1 Cum

18	<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 specifaion and direction of Engineer-in charge.</p>	-	1.34434008	Cum
i)	BRM340 : Cement	3.23	4.3422184584	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.604953036	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	1.209906072	1 Cum.
19	<p>Concrete (AR0309) :.Cement Concrete (1:3:6) with 12mm size hard granite (Crusher Broken) chips - Cement Concrete (1:3:6) with 12mm size hard granite (Crusher Broken) chips 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 as per specifaion and direction of Engineer-in charge.</p>	-	1.7745289056	Cum
i)	BRM340 : Cement	2.15	3.81523714704	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.79853800752	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	1.59707601504	1 Cum.
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Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM340	21.88752448602	1 Qntl.	547.857	11991.233502337
2	BRM028	5.0036169478395	1 Cum	938.79	4697.3455544622
3	BRM162	0.9288	1 Kg.	90.1	83.68488
4	BRM341	1.21905	1 Qntl.	6175.797	7528.60533285
5	BRM142	44.99457192825	1 Kg.	70.40732	3167.9472240153
6	BRM060	0.46478124691891	1 Cum.	2493.91	1159.1225995035
7	BRM052	0.69717187037837	1 Cum.	2474.2	1724.9426416902
8	BRMMR0025	5.3112352401248	1 Cum	33	175.27076292412
9	BRM005	1858.9323340437	1000 Nos	6.72455	12500.483426893
10	BRM253	21.747156839564	1 Ltr	159.33732	3465.1336884358
11	BRM255	11.050613269838	1 Ltr	195.09732	2155.9450333017
12	BRM137	1.5754662	1 Litre	143.00732	225.30319901258
13	BRM141	3.6469125	1 Litre	205.64732	749.9777818995
14	BRM150	95.1686719125	1 Sqm.	334.1310828	31798.811394762
15	BRM131	19.8559259325	1 Sqm.	662.9720557	13163.924033296
16	BRMMR0027	19.8559259325	1 Sqm	8.5	168.77537042625
17	BRM029	1.6546638912	1 Cum	933.85	1545.2078747971
18	BRM056	2.80698208704	1 Cum.	2488.53	6985.2591330617
Total: 103286.97343367					

ROYALTY STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
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1	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.	-	53.6514825	Sqm
i)	BRM340 : Cement	0.0358	1.9207230735	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.8047722375	1 Cum
2	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.	-	23.8551306638	Sqm
i)	BRM340 : Cement	0.043	1.0257706185434	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	0.4293923519484	1 Cum

3	<p>R.C.C. Work (AR0409) :.Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position - Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.</p>	-	1.161	Qntl
i)	BRM341 : Steel	1.05	1.21905	1 Qntl.
4	<p>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>	-	179.978287713	Sqm
i)	BRM142 : Distemper	0.25	44.99457192825	1 Kg.

5	R.C.C. Work (AR0404A) :.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. complete and as per direction of Engineer-in charge. (excluding centring and shuttering)	-	1.2910590192192	Cum
i)	BRM340 : Cement	3.4733	4.484235291454	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.58097655864864	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	0.46478124691891	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	0.69717187037837	1 Cum.

6	<p>Masonry Brick Work (AR0603bi) :.Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure - Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm² with dimensional tolerance ± 8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.</p>	-	5.3112352401248	Cum
i)	BRM340 : Cement	0.672	3.5691500813639	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.28	1.4871458672349	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	1858.9323340437	1000 Nos
7	<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>	-	163.8356854002	Sqm
i)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.084	13.762197573617	1 Ltr

8	<p>Painting(AR0901di) :.Priming one coat with outer surface primer of approved quality water-bound primer over plastering surfaces(outer surface) - Priming one coat with outer surface primer of approved quality water-bound primer over plastering surfaces including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.</p>	-	88.4049061587	Sqm
i)	<p>BRM253 : Wall cement primer (I.S.I.) Water bound</p>	0.090322580645161	7.9849592659471	1 Ltr
9	<p>Dismantling (AR1603) :.Dismantling brick or stone masonry under 3m. - Dismantling brick or stone masonry in lime or cement mortar under 3m. height including stacking the useful materials for reuse and removing the debris within 50m. Lead and as per direction of Engineer-in-Charge.</p>	-	1.4465968020224	Cum
10	<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>	-	48.591520605	Sqm

11	<p>Painting(AR0918fk) :.Finishing wall with two coat weather coat paint of approved shade in the outer surface of old work(Outside)(For repair and maintenance) . - Finishing wall with two coat weather coat paint of approved shade in the outer surface of old work to give an even shade including all costs of labour, Paint and Brushes required for the work, etc. complete and as per direction of Engineer-in-charge(Outside)(For repair and maintenance).</p>	-	88.4049061587	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.125	11.050613269838	1 Ltr
12	<p>Painting(AR0903b) :.Painting two coats of enamel paint with a coat of red oxide primer over iron surface - Painting two coats of enamel paint with a coat of red oxide primer over iron surface including all costs of labour, Paint, Primer, brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.</p>	-	29.1753	Sqm
i)	BRM137 : Red oxide Primer	0.054	1.5754662	1 Litre
ii)	BRM141 : Enamel paint	0.125	3.6469125	1 Litre
13	<p>Roofing (AR1132i) :.Supplying, feeting & fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties - Supplying, fitting & fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties including fixing of ridges valleys wind ties etc. including cost of fitting, Labour and material etc. complete as per direction of Engineer-in-Charge</p>	-	95.1686719125	Sqm

i)	BRM150 : G.C.I. Sheet 0.40mm thick	1	95.1686719125	1 Sqm.
14	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.	-	19.8559259325	Sqm
15	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.	-	19.8559259325	Sqm
i)	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)	1	19.8559259325	1 Sqm.
ii)	BRM340 : Cement	0.1375	2.7301898157188	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.2978388889875	1 Cum

16	<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>	-	0.4653582912	Cum
17	<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>	-	1.6546638912	Cum
i)	BRM029 : Sand for filling and road blinding	1	1.6546638912	1 Cum
18	<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 specifaion and direction of Engineer-in charge.</p>	-	1.34434008	Cum
i)	BRM340 : Cement	3.23	4.3422184584	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.604953036	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	1.209906072	1 Cum.
19	Concrete (AR0309) :Cement Concrete (1:3:6) with 12mm size hard granite (Crusher Broken) chips - Cement Concrete (1:3:6) with 12mm size hard granite (Crusher Broken) chips 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 as per specification and direction of Engineer-in charge.	-	1.7745289056	Cum
i)	BRM340 : Cement	2.15	3.81523714704	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.79853800752	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	1.59707601504	1 Cum.

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	5.0036169478395	1 Cum	194.57	973.55374954113
2	BRM060	0.46478124691891	1 Cum.	352.5	163.83538953892
3	BRM052	0.69717187037837	1 Cum.	352.5	245.75308430837
4	BRM029	1.6546638912	1 Cum	194.57	321.94795331078
5	BRM056	2.80698208704	1 Cum.	352.5	989.4611856816
Total: 2694.5513623808					

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
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1	Provision for EI Work @ Rs. 10000	Rs. 10000
2	Provision for Contingency @ Rs. 1385	Rs. 1385
3	Display Citizen Board @ Rs. 2500	Rs. 2500
4	Any Other Lumpsum @ Rs. 40600	Rs. 40600
Total Addition Component Amount (in Rs.): 54485		

Total Net Amount (in Rs.): 276693.24635465