

ESTIMATION DPR							
State	Odisha	District	Balangir	Block	Bangomunda	Gram Panchayat	Kansil

Work Code	OD/345/3286/275183/421324/00038513 (Repair and maintenance of Primary School at Dumermunda)
Project Category	Building

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Bangomunda	Proposal Date	-
Date of Commencement	31-03-2026	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	SINGRAI MURMU		

Administrative Approval Details

Approval No.	OD/345/3286/275183/421324/00038513/AS
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Technical Sanction Details

Technical Sanction No.	OD/345/3286/275183/421324/00038513/TS
Fund Sanction No.	34989
Fund Sanction Amount (in Rs.)	300000

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
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.	Sqm	73.50949875	100.34838709677	15955.151526426

2	<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>	Sqm	52.118583	997.5275381386	15955.151526426
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3	<p>Flooring (AR0816) : Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor - Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) 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 ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Enginer-in-charge.</p>	Sqm	17.48898975	1172.8129760438	15955.151526426
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4	<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>	Sqm	23.674006975	867.670754651	15955.151526426
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5	<p>Plastering (AR1004i) : 12mm thick cement plaster (1:6) over Brick work in outside. - 12mm thick cement plaster (1:6) over Brick work in outside including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc. comp.and as per direction of Engineer-in-charge.</p>	Sqm	39.50700075	165.7232093752	15955.151526426
6	<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	30.21670075	239.147688092	15955.151526426

7	<p>Painting (AR0920a) : Finishing wall surface with two coats with plastic emulsion paint of approved shades above one coat oil bound Primer on new work (Inside) - Finishing wall surface with two coats with plastic emulsion paint of approved shades above one coat oil bound Primer on new work to give an even shade including all costs of labor, Paint, Primer, Brushes and putty required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)</p>	Sqm	207.8704625	163.75298201751	15955.151526426
8	<p>Painting (AR0918ca) : Finishing wall two coats with weather coat with one coat oilbound Primer - Finishing wall surface two coats with weather coat with one coat oilbound Primer including all costs of labour, Paint, Primer, Brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)</p>	Sqm	230.84444537	156.86604451751	15955.151526426

9	<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	0.42050448	5290.6385201252	15955.151526426
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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>	Sqm	4.89970422	1517.605754651	15955.151526426
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11	<p>Flooring (AR0816jk) : Fixing Chequered Tiles in floor, treads or steps and landing on a 25mm thick bed of cement mortar 1:1 (For repair and maintenance). - 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(For repair and maintenance) .</p>	Sqm	11.984487	964.1798009428	15955.151526426
12	<p>Painting (AR0903ik) : Painting two coats of enamel paint in outer surface paint (outer surface)(For repair and maintenance) . - Painting two coats of enamel paint in outer surface paint including all costs of labour, Paint and brushes required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)(For repair and maintenance).</p>	Sqm	45.2727931875	167.00067737581	15955.151526426

13	Iron Work (AR1704) : Iron Doors and windows fixing - Supplying, fitting & fixing of Mild steel and put up for frames & shutters of Doors and windows fixing in position with cost, conveyance, taxes of all materials, labours and T & P required for the work etc. as per direction of Engineer-in-charge.	Qntl	1.0125	15758.174347087	15955.151526426
Total Amount (in Rs.): 229174.87874203					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement 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.	-	73.50949875	Sqm
i	Un-Skilled	0.21505376344086	15.808494354839	-

2	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)	-	52.118583	Sqm
i	Un-Skilled	0.216	11.257613928	-
ii	Highly-Skilled	0.216	11.257613928	-

3	<p>Flooring (AR0816) : Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor - Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) 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 ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in- charge.</p>	-	17.48898975	Sqm
i	Un-Skilled	0.216	3.777621786	-
ii	Highly-Skilled	0.216	3.777621786	-
iii	Semi-Skilled	0.55	9.6189443625	-

4	<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>	-	23.674006975	Sqm
i	Un-Skilled	0.325	7.694052266875	-
ii	Highly-Skilled	0.325	7.694052266875	-
5	<p>Plastering (AR1004i) : 12mm thick cement plaster (1:6) over Brick work in outside. - 12mm thick cement plaster (1:6) over Brick work in outside including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc. comp.and as per direction of Engineer-in-charge.</p>	-	39.50700075	Sqm

	i	Un-Skilled	0.12	4.74084009	-
	ii	Skilled	0.14	5.530980105	-
6		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.	-	30.21670075	Sqm
	i	Un-Skilled	0.24	7.25200818	-
	ii	Skilled	0.16	4.83467212	-
7		Painting (AR0920a) : Finishing wall surface with two coats with plastic emulsion paint of approved shades above one coat oil bound Primer on new work (Inside) - Finishing wall surface with two coats with plastic emulsion paint of approved shades above one coat oil bound Primer on new work to give an even shade including all costs of labor, Paint, Primer, Brushes and putty required for the work, etc. complete and as per direction of the Engineer-in- charge.(Inside)	-	207.8704625	Sqm

	i	Highly-Skilled	0.10776344086022	22.400836292204	-
	ii	Un-Skilled	0.11776344086022	24.479540917204	-
8		Painting (AR0918ca) : Finishing wall two coats with weather coat with one coat oilbound Primer - Finishing wall surface two coats with weather coat with one coat oilbound Primer including all costs of labour, Paint, Primer, Brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)	-	230.84444537	Sqm
	i	Un-Skilled	0.11776344086022	27.185036190239	-
	ii	Highly-Skilled	0.10776344086022	24.876591736539	-

9	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)	-	0.42050448	Cum
i	Un-Skilled	1.3333	0.560658623184	-
ii	Skilled	0.1	0.042050448	-
iii	Semi-Skilled	0.0573	0.024094906704	-

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>	-	4.89970422	Sqm
i	Highly-Skilled	0.325	1.5924038715	-
ii	Un-Skilled	0.325	1.5924038715	-
iii	Semi-Skilled	0.76	3.7237752072	-

11	<p>Flooring (AR0816jk) : Fixing Chequered Tiles in floor, treads or steps and landing on a 25mm thick bed of cement mortar 1:1 (For repair and maintenance). - 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(For repair and maintenance) .</p>	-	11.984487	Sqm
i	Un-Skilled	0.216	2.588649192	-
ii	Highly-Skilled	0.216	2.588649192	-
iii	Semi-Skilled	0.55	6.59146785	-
12	<p>Painting (AR0903ik) : Painting two coats of enamel paint in outer surface paint (outer surface)(For repair and maintenance) . - Painting two coats of enamel paint in outer surface paint including all costs of labour, Paint and brushes required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)(For repair and maintenance).</p>	-	45.2727931875	Sqm
i	Highly-Skilled	0.13709677419355	6.2067539047379	-

	ii	Un-Skilled	0.12064516129032	5.4619434361694	-
13		Iron Work (AR1704) : Iron Doors and windows fixing - Supplying, fitting & fixing of Mild steel and put up for frames & shutters of Doors and windows fixing in position with cost, conveyance, taxes of all materials, labours and T & P required for the work etc. as per direction of Engineer-in-charge.	-	1.0125	Qntl
	i	Un-Skilled	6.3976377952756	6.4776082677165	-
	ii	Semi-Skilled	1.9685039370079	1.9931102362205	-
	iii	Skilled	3.9370078740157	3.9862204724409	-
	iv	Highly-Skilled	3.4448818897638	3.4879429133858	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	118.87647110373	462	54920.929649922
1	Highly-Skilled	83.882465891242	612	51336.06912544
2	Semi-Skilled	21.951392562624	512	11239.112992064
3	Skilled	14.393923145441	562	8089.3848077378
Total:				125585.49657516

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.	-	73.50949875	Sqm
2	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)	-	52.118583	Sqm
i)	BRM174 : White Cement.	0.0076	0.3961012308	1Qntl
ii)	BRM340 : Cement	0.1074	5.5975358142	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.021	1.094490243	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 la) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)	1	52.118583	1 Sqm.

3	<p>Flooring (AR0816) :.Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor - Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) 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 ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.</p>	-	17.48898975	Sqm
i)	BRMMR0027 : Wax Polish	1	17.48898975	1 Sqm
ii)	BRM130 : Tiles up to 30cm x 30cm / 40cm x 40cm special plain / printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755	1	17.48898975	1 Sqm.
iii)	BRM340 : Cement	0.2737	4.786736494575	1 Qntl.
iv)	BRM028 : Screened and washed sharp sand for mortar	0.013	0.22735686675	1 Cum

4	<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>	-	23.674006975	Sqm
i)	<p>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</p>	1	23.674006975	1 Sqm.
ii)	<p>BRM340 : Cement</p>	0.1375	3.2551759590625	1 Qntl.
iii)	<p>BRM028 : Screened and washed sharp sand for mortar</p>	0.015	0.355110104625	1 Cum
5	<p>Plastering (AR1004i) :.12mm thick cement plaster (1:6) over Brick work in outside. - 12mm thick cement plaster (1:6) over Brick work in outside including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc. comp.and as per direction of Engineer-in-charge.</p>	-	39.50700075	Sqm
i)	<p>BRM340 : Cement</p>	0.0358	1.41435062685	1 Qntl.

ii)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.59260501125	1 Cum
6	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.	-	30.21670075	Sqm
i)	BRM340 : Cement	0.043	1.29931813225	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	0.5439006135	1 Cum
7	Painting(AR0920a) :.Finishing wall surface with two coats with plastic emulsion paint of approved shades above one coat oil bound Primer on new work (Inside) - Finishing wall surface with two coats with plastic emulsion paint of approved shades above one coat oil bound Primer on new work to give an even shade including all costs of labor, Paint, Primer, Brushes and putty required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)	-	207.8704625	Sqm
i)	BRM140 : Plastic Emulsion paint	0.125	25.9838078125	1 Litre
ii)	BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	17.46111885	1 Ltr

8	Painting(AR0918ca) :.Finishing wall two coats with weather coat with one coat oilbound Primer - Finishing wall surface two coats with weather coat with one coat oilbound Primer including all costs of labour, Paint, Primer, Brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)	-	230.84444537	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.125	28.85555567125	1 Ltr
ii)	BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	19.39093341108	1 Ltr
9	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)	-	0.42050448	Cum
i)	BRM340 : Cement	3.4733	1.460538210384	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.189227016	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	0.1513816128	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	0.2270724192	1 Cum.
10	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.	-	4.89970422	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	4.89970422	1 Sqm.
ii)	BRMMR0027 : Wax Polish	1	4.89970422	1 Sqm
iii)	BRM340 : Cement	0.1375	0.67370933025	1 Qntl.
iv)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.0734955633	1 Cum

11	<p>Flooring (AR0816jk) :.Fixing Chequered Tiles in floor, treads or steps and landing on a 25mm thick bed of cement mortar 1:1 (For repair and maintenance). - 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(For repair and maintenance) .</p>	-	11.984487	Sqm
i)	BRM134 : Chequered Tiles.	1	11.984487	1 Sqm.
ii)	BRMMR0027 : Wax Polish	1	11.984487	1 Sqm
iii)	BRM340 : Cement	0.2737	3.2801540919	1 Qntl.
iv)	BRM028 : Screened and washed sharp sand for mortar	0.013	0.155798331	1 Cum
12	<p>Painting(AR0903ik) :.Painting two coats of enamel paint in outer surface paint (outer surface)(For repair and maintenance) . - Painting two coats of enamel paint in outer surface paint including all costs of labour, Paint and brushes required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)(For repair and maintenance).</p>	-	45.2727931875	Sqm
i)	BRM141 : Enamel paint	0.125	5.6590991484375	1 Litre

13	Iron Work(AR1704) :.Iron Doors and windows fixing - Supplying, fitting & fixing of Mild steel and put up for frames & shutters of Doors and windows fixing in position with cost, conveyance, taxes of all materials, labours and T & P required for the work etc. as per direction of Engineer-in-charge.	-	1.0125	Qntl
i)	BRM341 : Steel	1	1.0125	1 Qntl.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM174	0.3961012308	1Qntl	2047.912	811.18046377009
2	BRM340	21.767518659471	1 Qntl.	534.912	11643.706941175
3	BRM028	3.231983749425	1 Cum	417.99	1350.9368874222
4	BRM131	57.01828722	1 Sqm.	662.3175001	37764.209451534
5	BRMMR0027	34.37318097	1 Sqm	8.5	292.172038245
6	BRM130	17.48898975	1 Sqm.	461.3175001	8067.9770307445
7	BRM129	23.674006975	1 Sqm.	416.4375001	9858.744282019
8	BRM140	25.9838078125	1 Litre	249.64732	6486.7879837857
9	BRM252	36.85205226108	1 Ltr	125.80732	4636.2579314664
10	BRM255	28.85555567125	1 Ltr	195.09732	5629.6415785717
11	BRM060	0.1513816128	1 Cum.	1741.11	263.57203986221
12	BRM052	0.2270724192	1 Cum.	1723.4	391.33660724928
13	BRM134	11.984487	1 Sqm.	254.75	3053.04806325
14	BRM141	5.6590991484375	1 Litre	205.64732	1163.7785734905
15	BRM341	1.0125	1 Qntl.	6206.132	6283.70865

Total: 97697.058522586

ROYALTY STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
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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.	-	73.50949875	Sqm
2	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)	-	52.118583	Sqm
i)	BRM174 : White Cement.	0.0076	0.3961012308	1Qntl
ii)	BRM340 : Cement	0.1074	5.5975358142	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.021	1.094490243	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 Ia) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)	1	52.118583	1 Sqm.

3	<p>Flooring (AR0816) :.Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor - Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) 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 ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.</p>	-	17.48898975	Sqm
i)	<p>BRM130 : Tiles up to 30cm x 30cm / 40cm x 40cm special plain / printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755</p>	1	17.48898975	1 Sqm.
ii)	<p>BRM340 : Cement</p>	0.2737	4.786736494575	1 Qntl.
iii)	<p>BRM028 : Screened and washed sharp sand for mortar</p>	0.013	0.22735686675	1 Cum

4	<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>	-	23.674006975	Sqm
i)	<p>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</p>	1	23.674006975	1 Sqm.
ii)	<p>BRM340 : Cement</p>	0.1375	3.2551759590625	1 Qntl.
iii)	<p>BRM028 : Screened and washed sharp sand for mortar</p>	0.015	0.355110104625	1 Cum
5	<p>Plastering (AR1004i) :.12mm thick cement plaster (1:6) over Brick work in outside. - 12mm thick cement plaster (1:6) over Brick work in outside including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc. comp.and as per direction of Engineer-in-charge.</p>	-	39.50700075	Sqm
i)	<p>BRM340 : Cement</p>	0.0358	1.41435062685	1 Qntl.

ii)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.59260501125	1 Cum
6	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.	-	30.21670075	Sqm
i)	BRM340 : Cement	0.043	1.29931813225	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	0.5439006135	1 Cum
7	Painting(AR0920a) :.Finishing wall surface with two coats with plastic emulsion paint of approved shades above one coat oil bound Primer on new work (Inside) - Finishing wall surface with two coats with plastic emulsion paint of approved shades above one coat oil bound Primer on new work to give an even shade including all costs of labor, Paint, Primer, Brushes and putty required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)	-	207.8704625	Sqm
i)	BRM140 : Plastic Emulsion paint	0.125	25.9838078125	1 Litre
ii)	BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	17.46111885	1 Ltr

8	Painting(AR0918ca) :.Finishing wall two coats with weather coat with one coat oilbound Primer - Finishing wall surface two coats with weather coat with one coat oilbound Primer including all costs of labour, Paint, Primer, Brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)	-	230.84444537	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.125	28.85555567125	1 Ltr
ii)	BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	19.39093341108	1 Ltr
9	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)	-	0.42050448	Cum
i)	BRM340 : Cement	3.4733	1.460538210384	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.189227016	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	0.1513816128	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	0.2270724192	1 Cum.
10	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.	-	4.89970422	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	4.89970422	1 Sqm.
ii)	BRM340 : Cement	0.1375	0.67370933025	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.0734955633	1 Cum

11	<p>Flooring (AR0816jk) :.Fixing Chequered Tiles in floor, treads or steps and landing on a 25mm thick bed of cement mortar 1:1 (For repair and maintenance). - 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(For repair and maintenance) .</p>	-	11.984487	Sqm
i)	BRM340 : Cement	0.2737	3.2801540919	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.013	0.155798331	1 Cum
12	<p>Painting(AR0903ik) :.Painting two coats of enamel paint in outer surface paint (outer surface)(For repair and maintenance) . - Painting two coats of enamel paint in outer surface paint including all costs of labour, Paint and brushes required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)(For repair and maintenance).</p>	-	45.2727931875	Sqm
i)	BRM141 : Enamel paint	0.125	5.6590991484375	1 Litre

13	Iron Work(AR1704) :.Iron Doors and windows fixing - Supplying, fitting & fixing of Mild steel and put up for frames & shutters of Doors and windows fixing in position with cost, conveyance, taxes of all materials, labours and T & P required for the work etc. as per direction of Engineer-in-charge.	-	1.0125	Qntl
i)	BRM341 : Steel	1	1.0125	1 Qntl.

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	3.231983749425	1 Cum	86.25	278.75859838791
2	BRM060	0.1513816128	1 Cum.	230.5	34.8934617504
3	BRM052	0.2270724192	1 Cum.	230.5	52.3401926256
Total: 365.99225276391					

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for PH Work @ Rs. 53000	Rs. 53000
2	Provision for Contingency @ 1%	Rs. 2291.7487874203
3	Display Citizen Board @ Rs. 3000	Rs. 3000
4	Any Other Lumpsum @ Rs. 12533	Rs. 12533
Total Addition Component Amount (in Rs.): 70824.74878742		

Total Net Amount (in Rs.): 299999.62752945