

ESTIMATION DPR							
State	Odisha	District	Mayurbhanj	Block	Bahalda	Gram Panchayat	Gidighaty

Work Code	OD/365/3488/120074/387497/00063867 (Repair and maintenance of AWC Tarana-II)						
Project Category	Building						

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Bahalda	Proposal Date	-
Date of Commencement	-	Date of Completion	
Scheme Name	Severe Cyclonic Storm DANA 2024	Scheme Component Name	Self/Personal Deposit
Project Sub-Category	AWC	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.	26479
Fund Sanction Amount (in Rs.)	250000

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
1	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.	Sqm	98.2975	50.174193548387	4931.9977903226

2	<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	46.7067	100.34838709677	4686.9420116127
3	<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	1.7925	1401.5088339223	2512.2045848057
4	<p>Dismantling (AR1621) : Removing old grading plaster from roof - Removing old grading plaster from roof slab, cleaning the surface, lowering and removing the debris within 50m lead and as per direction of Engineer-in-Charge.</p>	Sqm	61.23	77.77	4761.8571

5	<p>miscellaneous (ARM122) : Scraping old paint with scrapers, sand papering and washing with soap water or soda including scaffolding charges upto 5M height (Painting) and as directed by Engineer-in-Charge. - Scraping old paint with scrapers, sand papering and washing with soap water or soda including scaffolding charges upto 5M height (Painting) and as directed by Engineer-in-Charge.</p>	Sqm	233.7831	5.12	1196.969472
6	<p>Dismantling (AR1618) : Dismantling and removing doors, windows and ventilators - Dismantling and removing doors, windows and ventilators including removal of frame, hinges, fastening and stacking the same for reuse and removing the debris within 50m and as per direction of Engineer-in-Charge.</p>	Sqm	13.5	396.30846153846	5350.1642307692

7	<p style="text-align: center;">Other Building Items. (AR1901B) : Vitrified Tile 600mmx600mm Plain Ivory -</p> <p>Supplying, fitting & fixing Vitrified Tile 600mmx600mm Plain Ivory in floors of size 600mm x 600 mm of approved make conforming IS:13755 laid on 20 mm thick cement mortar(1:4)and filling joints with white cement of approved quality including cost of all materials, taxes, labour, T&P , etc. required for the work all complete as per direction of Engineer-in-charge(for new work only)</p>	Sqm	46.7067	1014.105462241	47365.519593252
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8	<p style="text-align: center;">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	3.7805	1536.968308101	5810.5086887758
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9	<p style="text-align: center;">Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal - Cement concrete (1:3:6) with 4 cm. hard granite(Crusher Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge.</p>	Cum	3.7685	5820.1858828	21933.370499332
10	<p style="text-align: center;">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	61.75	362.390611456	22377.620257408

11	<p>Plastering (AR1027) : 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping (Inside) - 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside including chipping with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc comp. and as per the direction of the Engineer-in-charge.</p>	Sqm	30	191.896791634	5756.90374902
12	<p>Plastering (AR1004) : 12mm thick cement plaster (1:6) over Brick work in inside - 12mm thick cement plaster (1:6) over Brick work in inside including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc. comp.and as per direction of Engineer-in-charge.</p>	Sqm	42.5	172.502149676	7331.34136123

13	<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	15.18	247.28736576	3753.8222122368
14	<p>Masonry Brick Work (AR0603b) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth - Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth having crushing strength not less than 75.00 Kg/cm² with dimensional tolerance ±8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.</p>	Cum	0.567	5012.80259284	2842.2590701403

15	<p style="text-align: center;">Masonry</p> <p>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	0.7245	5046.13259284	3655.9230635126
16	<p style="text-align: center;">Painting</p> <p>(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	204.4092	78.8505283	16117.77340938

17	<p style="text-align: center;">Painting (AR0903a) : Painting two coats of enamel paint with a coat of wood primer in inner surface paint (Inside) - Painting two coats of enamel paint with a coat of wood primer in inner surface paint including all costs of labour, Paint, Primer, brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Inside)</p>	Sqm	37.875	234.32517654323	8875.0660615748
18	<p style="text-align: center;">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	105.64175	156.86604451751	16571.603458408

19	<p align="center">Painting (AR0922a) : Finishing wall surface with two coats with distemper of approved shades above one coat oil bound Primer on new work (Inside) -</p> <p>Finishing wall surface with two coats with distemper 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	69.9885	147.84337616751	10347.3361329
20	<p align="center">Iron Work (AR1704) : Iron Doors and windows fixing -</p> <p>Supplying, fitting & fixing of Mild steel and put up for frames & shutters of Doors and windows fixing in position with cost, conveyance, taxes of all materials, labours and T & P required for the work etc. as per direction of Engineer-in-charge.</p>	Qntl	2	15759.735605087	31519.471210174
Total Amount (in Rs.): 227698.65395685					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
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1	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.	-	98.2975	Sqm
i	Un-Skilled	0.10752688172043	10.569623655914	-
2	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.	-	46.7067	Sqm
i	Un-Skilled	0.21505376344086	10.044451612903	-
3	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.	-	1.7925	Cum
i	Un-Skilled	3.0035335689046	5.3838339222615	-

4	<p>Dismantling (AR1621) : Removing old grading plaster from roof - Removing old grading plaster from roof slab, cleaning the surface, lowering and removing the debris within 50m lead and as per direction of Engineer-in-Charge.</p>	-	61.23	Sqm
i	Un-Skilled	0.166666666666667	10.205	-
5	<p>miscellaneous (ARM122) : Scraping old paint with scrapers, sand papering and washing with soap water or soda including scaffolding charges upto 5M height (Painting) and as directed by Engineer-in-Charge. - Scraping old paint with scrapers, sand papering and washing with soap water or soda including scaffolding charges upto 5M height (Painting) and as directed by Engineer-in-Charge.</p>	-	233.7831	Sqm
6	<p>Dismantling (AR1618) : Dismantling and removing doors, windows and ventilators - Dismantling and removing doors, windows and ventilators including removal of frame, hinges, fastening and stacking the same for reuse and removing the debris within 50m and as per direction of Engineer-in-Charge.</p>	-	13.5	Sqm

	i	Un-Skilled	0.61538461538462	8.3076923076923	-
	ii	Skilled	0.19230769230769	2.5961538461538	-
7		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)	-	46.7067	Sqm
	i	Un-Skilled	0.216	10.0886472	-
	ii	Highly-Skilled	0.216	10.0886472	-

8	<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>	-	3.7805	Sqm
i	Highly-Skilled	0.325	1.2286625	-
ii	Un-Skilled	0.325	1.2286625	-
iii	Semi-Skilled	0.76	2.87318	-

9	<p>Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal - Cement concrete (1:3:6) with 4 cm. hard granite(Crusher Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	3.7685	Cum
i	Skilled	0.18	0.67833	-
ii	Un-Skilled	3.9	14.69715	-
10	<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>	-	61.75	Sqm
i	Un-Skilled	0.36	22.23	-
ii	Highly-Skilled	0.1	6.175	-

11	<p>Plastering (AR1027) : 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping (Inside) - 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside including chipping with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc comp. and as per the direction of the Engineer-in-charge.</p>	-	30	Sqm
i	Un-Skilled	0.17	5.1	-
ii	Skilled	0.14	4.2	-
12	<p>Plastering (AR1004) : 12mm thick cement plaster (1:6) over Brick work in inside - 12mm thick cement plaster (1:6) over Brick work in inside including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc. comp.and as per direction of Engineer-in-charge.</p>	-	42.5	Sqm
i	Un-Skilled	0.12	5.1	-
ii	Skilled	0.14	5.95	-

13	<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>	-	15.18	Sqm
i	Un-Skilled	0.24	3.6432	-
ii	Skilled	0.16	2.4288	-
14	<p>Masonry Brick Work (AR0603b) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth - Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth having crushing strength not less than 75.00 Kg/cm2 with dimensional tolerance ± 8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.</p>	-	0.567	Cum
i	Un-Skilled	2.96	1.67832	-

	ii	Skilled	1.05	0.59535	-
	iii	Highly-Skilled	0.35	0.19845	-
15		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.	-	0.7245	Cum
	i	Un-Skilled	2.96	2.14452	-
	ii	Skilled	1.05	0.760725	-
	iii	Highly-Skilled	0.35	0.253575	-

16	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)	-	204.4092	Sqm
i	Highly-Skilled	0.052	10.6292784	-
ii	Un-Skilled	0.062	12.6733704	-
17	Painting (AR0903a) : Painting two coats of enamel paint with a coat of wood primer in inner surface paint (Inside) - Painting two coats of enamel paint with a coat of wood primer in inner surface paint including all costs of labour, Paint, Primer, brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Inside)	-	37.875	Sqm
i	Highly-Skilled	0.18817204301075	7.1270161290323	-
ii	Un-Skilled	0.17204301075269	6.5161290322581	-

18	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)	-	105.64175	Sqm
i	Un-Skilled	0.11776344086022	12.440735978495	-
ii	Highly-Skilled	0.10776344086022	11.384318478495	-
19	Painting (AR0922a) : Finishing wall surface with two coats with distemper of approved shades above one coat oil bound Primer on new work (Inside) - Finishing wall surface with two coats with distemper 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)	-	69.9885	Sqm
i	Highly-Skilled	0.10576344086022	7.4022245806452	-
ii	Un-Skilled	0.11576344086022	8.1021095806452	-

20	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.	-	2	Qntl
i	Un-Skilled	6.3976377952756	12.795275590551	-
ii	Semi-Skilled	1.9685039370079	3.9370078740157	-
iii	Skilled	3.9370078740157	7.8740157480315	-
iv	Highly-Skilled	3.4448818897638	6.8897637795276	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	162.94872178072	462	75282.309462693
2	Skilled	25.083374594185	562	14096.856521932
3	Highly-Skilled	61.3769360677	612	37562.684873432
4	Semi-Skilled	6.8101878740157	512	3486.8161914961
Total:				130428.66704955

MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
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1	<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>	-	98.2975	Sqm
2	<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>	-	46.7067	Sqm
3	<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>	-	1.7925	Cum
4	<p>Dismantling (AR1621) :.Removing old grading plaster from roof - Removing old grading plaster from roof slab, cleaning the surface, lowering and removing the debris within 50m lead and as per direction of Engineer-in-Charge.</p>	-	61.23	Sqm

5	<p>miscellaneous(ARM12 2) :.Scraping old paint with scrapers, sand papering and washing with soap water or soda including scaffolding charges upto 5M height (Painting) and as directed by Engineer-in-Charge. - Scraping old paint with scrapers, sand papering and washing with soap water or soda including scaffolding charges upto 5M height (Painting) and as directed by Engineer-in-Charge.</p>	-	233.7831	Sqm
i)	<p>BRMM122 : Scraping old paint with scrapers, sand papering and washing with soap water or soda including scaffolding charges upto 5M height (Painting)</p>	1	233.7831	Sqm
6	<p>Dismantling (AR1618) :.Dismantling and removing doors, windows and ventilators - Dismantling and removing doors, windows and ventilators including removal of frame, hinges, fastening and stacking the same for reuse and removing the debris within 50m and as per direction of Engineer-in-Charge.</p>	-	13.5	Sqm

7	<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>	-	46.7067	Sqm
i)	BRM174 : White Cement.	0.0076	0.35497092	1Qntl
ii)	BRM340 : Cement	0.1074	5.01629958	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.021	0.9808407	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	46.7067	1 Sqm.

8	<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>	-	3.7805	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 la) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)</p>	1	3.7805	1 Sqm.
ii)	<p>BRMMR0027 : Wax Polish</p>	1	3.7805	1 Sqm
iii)	<p>BRM340 : Cement</p>	0.1375	0.51981875	1 Qntl.
iv)	<p>BRM028 : Screened and washed sharp sand for mortar</p>	0.015	0.0567075	1 Cum

9	<p>Concrete (AR0303) :.Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal - Cement concrete (1:3:6) with 4 cm. hard granite(Crusher Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	3.7685	Cum
i)	BRM340 : Cement	2.29	8.629865	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	1.80888	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	3.61776	1 Cum.
10	<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>	-	61.75	Sqm
i)	BRM340 : Cement	0.1208	7.4594	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.0169	1.043575	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	1.043575	1 Cum.
11	Plastering (AR1027) :.6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping (Inside) - 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside including chipping with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc comp. and as per the direction of the Engineer-in-charge.	-	30	Sqm
i)	BRM340 : Cement	0.0372	1.116	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.0075	0.225	1 Cum
12	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.	-	42.5	Sqm
i)	BRM340 : Cement	0.0358	1.5215	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.6375	1 Cum

13	Plastering (AR1014) :.16mm thick cement Plaster in CM (1:6) over brick work in inside. - 16mm thick cement Plaster in CM (1:6) over brick work in inside including racking out joints finishing smooth with proper plumb and line, curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc comp.and as per direction of Engineer-in-charge.	-	15.18	Sqm
i)	BRM340 : Cement	0.043	0.65274	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	0.27324	1 Cum
14	Masonry Brick Work (AR0603b) :.Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth - Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth having crushing strength not less than 75.00 Kg/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.	-	0.567	Cum
i)	BRM340 : Cement	0.672	0.381024	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.28	0.15876	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	198.45	1000 Nos

15	<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>	-	0.7245	Cum
i)	BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK	1	0.7245	1 Cum
ii)	BRM340 : Cement	0.672	0.486864	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.28	0.20286	1 Cum
iv)	BRM005 : Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm² with dimensional tolerance ± 2 %	350	253.575	1000 Nos
16	<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>	-	204.4092	Sqm
i)	BRM142 : Distemper	0.25	51.1023	1 Kg.

17	Painting(AR0903a) :.Painting two coats of enamel paint with a coat of wood primer in inner surface paint (Inside) - Painting two coats of enamel paint with a coat of wood primer in inner surface paint including all costs of labour, Paint, Primer, brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Inside)	-	37.875	Sqm
i)	BRM141 : Enamel paint	0.125	4.734375	1 Litre
ii)	BRM138 : Wood Primer	0.075	2.840625	1 Litre
18	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)	-	105.64175	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.125	13.20521875	1 Ltr
ii)	BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	8.873907	1 Ltr

19	Painting(AR0922a) :.Finishing wall surface with two coats with distemper of approved shades above one coat oil bound Primer on new work (Inside) - Finishing wall surface with two coats with distemper 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)	-	69.9885	Sqm
i)	BRM142 : Distemper	0.25	17.497125	1 Kg.
ii)	BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	5.879034	1 Ltr
20	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.	-	2	Qntl
i)	BRM341 : Steel	1	2	1 Qntl.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRMM122	233.7831	Sqm	5.12	1196.969472
2	BRM174	0.35497092	1Qntl	2047.912	726.94920671904
3	BRM340	25.78351133	1 Qntl.	638.732	16468.753758834
4	BRM028	5.3873632	1 Cum	473.06	2548.546035392
5	BRM131	50.4872	1 Sqm.	662.3175001	33438.556091049
6	BRMMR0027	3.7805	1 Sqm	8.5	32.13425
7	BRM044	3.61776	1 Cum.	1466.56	5305.6621056
8	BRM064	1.043575	1 Cum.	1321.51	1379.09479825
9	BRM005	452.025	1000 Nos	6.01135	2717.28048375
10	BRMMR0025	0.7245	1 Cum	33	23.9085

11	BRM142	68.599425	1 Kg.	70.40732	4829.901667791
12	BRM141	4.734375	1 Litre	205.64732	973.611530625
13	BRM138	2.840625	1 Litre	155.38732	441.397105875
14	BRM255	13.20521875	1 Ltr	195.09732	2576.3027881388
15	BRM252	14.752941	1 Ltr	125.80732	1856.0279693281
16	BRM341	2	1 Qntl.	6207.442	12414.884
Total: 86929.979763351					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	5.3873632	1 Cum	186.25	1003.396396
2	BRM044	3.61776	1 Cum.	439.5	1590.00552
3	BRM064	1.043575	1 Cum.	439.5	458.6512125
Total: 3052.0531285					

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for EI Work @ Rs. 14801	Rs. 14801
2	Provision for Contingency @ Rs. 2500	Rs. 2500
3	Display Citizen Board @ Rs. 5000	Rs. 5000
Total Addition Component Amount (in Rs.): 22301		

Total Net Amount (in Rs.): 249999.65395685