

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Balangir	<b>Block</b>	Agalpur	<b>Gram Panchayat</b>	Nagaon(A)

<b>Work Code</b>	OD/345/3284/115769/419815/00035132 (Maintainance of Govt. Primary School Building at Mudapali Nagoan-A GP)						
<b>Project Category</b>	Building						

<b>Financial Year</b>	2025-26	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Agalpur	<b>Proposal Date</b>	-
<b>Date of Commencement</b>	22-03-2026	<b>Date of Completion</b>	-
<b>Scheme Name</b>	5th SFC Grant in Aid	<b>Scheme Component Name</b>	Maintenance of Primary School Building
<b>Project Sub-Category</b>	Elementary School	<b>Project Type</b>	Repair and Maintenance
<b>Name of Executant</b>	Kirtiman Mohanty		

### Administrative Approval Details

<b>Approval No.</b>	OD/345/3284/115769/419815/00035132/AS
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### Technical Sanction Details

<b>Technical Sanction No.</b>	OD/345/3284/115769/419815/00035132/TS
<b>Fund Sanction No.</b>	34989
<b>Fund Sanction Amount (in Rs.)</b>	300000

### ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
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1	<p><b>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 -</b>  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>	Sqm	57.878569	1174.7073724438	9905.526670943
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2	<p><b>Flooring (AR0817b) :</b>  <b>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) -</b> 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	3.384642096	869.856596651	9905.526670943
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3	<p><b>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)</b>  - 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	152.639629	163.74043271701	9905.526670943
4	<p><b>Painting (AR0918g) : Finishing wall with two coats weather coat paint of approved shade including one coat of oil bound primer in the outer surface of old work .(Outside) -</b>  Finishing wall with two coats weather coat paint of approved shade including one coat of oil bound primer in the outer surface of old work to give an even shade including all costs of labour, Paint, Brushes, and putty required for the work, etc. complete and as per direction of Engineer-in-charge. (Outside)</p>	Sqm	108.324898	156.86100077951	9905.526670943

5	<p><b>Painting (AR0903b) :</b>  <b>Painting two coats of enamel paint with a coat of red oxide primer over iron surface</b> - 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	14.876092875	230.34345832053	9905.526670943
6	<p><b>Other Building Items. (AR1902) :</b>  <b>cement based wall putty (water based) -</b>  Finishing surface of walls with cement based wall putty (water based) of approved make and finished smooth and even surface to receive painting including cost of scaffolding staging charges with cost of all materials taxes,labour,T&amp;P,etc.complete. and as per the direction of Engineer in Charge.</p>	Sqm	99.313307	79.21834	9905.526670943

7	<p><b>Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift -</b>  Earth work in hard soil or gravelly soil foundation &amp; 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	2.229948	240.77592	9905.526670943
8	<p><b>Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed -</b>  Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T &amp; P required for the work etc. complete and as per direction of Engineer-in charge.</p>	Cum	5.946528	773.441032	9905.526670943

9	<p><b>Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal</b> - 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&amp;P required for the work etc. complete and as per direction of Engineer-in charge.</p>	Cum	9.09818784	5322.27042276	9905.526670943
10	<p><b>Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum</b> - 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&amp;P required for the work etc. complete as per specifcaion and direction of Engineer-in charge.</p>	Cum	7.84941696	6769.49168212	9905.526670943

11	<p><b>R.C.C. Work (AR0410c) :</b>  <b>R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc</b> - Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. foundation, plinth band and footings bases of columns mass concrete precast slabs, etc</p>	Sqm	9.754815	216.23489289764	9905.526670943
12	<p><b>Masonry Brick Work (AR0603b) :</b>  <b>Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth</b> - 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<sup>2</sup> with dimensional tolerance <math>\pm 8</math> percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&amp;P required for the work, etc. complete and as per direction of Engineer-in-charge.</p>	Cum	7.8791496	4924.941372568	9905.526670943

13	<b>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 &amp; P required for the work etc. comp.and as per direction of Engineer-in-charge.</b>	Sqm	58.993405	167.9090513752	9905.526670943
<b>Total Amount (in Rs.): 281728.80506627</b>					

#### LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
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1	<p><b>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 -</b> 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>	-	57.878569	Sqm
i	Un-Skilled	0.216	12.501770904	-
ii	Highly-Skilled	0.216	12.501770904	-
iii	Semi-Skilled	0.55	31.83321295	-

2	<p><b>Flooring (AR0817b) :</b>  <b>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) -</b> 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>	-	3.384642096	Sqm
i	Un-Skilled	0.325	1.1000086812	-
ii	Highly-Skilled	0.325	1.1000086812	-

3	<p><b>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) -</b>          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>	-	152.639629	Sqm
i	Highly-Skilled	0.10776344086022	16.448971632667	-
ii	Un-Skilled	0.11776344086022	17.975367922667	-
4	<p><b>Painting (AR0918g) : Finishing wall with two coats weather coat paint of approved shade including one coat of oil bound primer in the outer surface of old work .(Outside) -</b>          Finishing wall with two coats weather coat paint of approved shade including one coat of oil bound primer in the outer surface of old work to give an even shade including all costs of labour, Paint, Brushes, and putty required for the work, etc. complete and as per direction of Engineer-in-charge. (Outside)</p>	-	108.324898	Sqm
i	Un-Skilled	0.11776344086022	12.756712719312	-

	ii	Highly-Skilled	0.10776344086022	11.673463739312	-
5		<b>Painting (AR0903b) : Painting two coats of enamel paint with a coat of red oxide primer over iron surface</b> - 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.	-	14.876092875	Sqm
	i	Highly-Skilled	0.18817204301075	2.7992647883065	-
	ii	Un-Skilled	0.17204301075269	2.5593278064516	-
6		<b>Other Building Items. (AR1902) : cement based wall putty (water based) -</b> Finishing surface of walls with cement based wall putty (water based) of approved make and finished smooth and even surface to receive painting including cost of scaffolding staging charges with cost of all materials taxes,labour,T&P,etc.complete. and as per the direction of Engineer in Charge.	-	99.313307	Sqm
	i	Un-Skilled	0.057	5.660858499	-
	ii	Skilled	0.05	4.96566535	-

7	<p><b>Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift -</b>  Earth work in hard soil or gravelly soil foundation &amp; 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>	-	2.229948	Cum
i	Un-Skilled	0.516	1.150653168	-
8	<p><b>Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed -</b> Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T &amp; P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	5.946528	Cum
i	Un-Skilled	0.1236	0.7349908608	-

9	<p><b>Concrete (AR0303) :</b>  <b>Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal -</b>  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&amp;P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	9.09818784	Cum
i	Skilled	0.18	1.6376738112	-
ii	Un-Skilled	3.9	35.482932576	-
10	<p><b>Concrete (AR0307) :</b>  <b>Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum -</b>  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&amp;P required for the work etc. complete as per specificaion and direction of Engineer-in charge.</p>	-	7.84941696	Cum
i	Un-Skilled	4.6	36.107318016	-

	ii	Skilled	0.68	5.3376035328	-
11		<b>R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc -</b> Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. foundation, plinth band and footings bases of columns mass concrete precast slabs, etc	-	9.754815	Sqm
	i	Semi-Skilled	0.05	0.48774075	-
	ii	Skilled	0.05	0.48774075	-
12		<b>Masonry Brick Work (AR0603b) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth</b> - 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 <sup>2</sup> with dimensional tolerance $\pm 8$ 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.	-	7.8791496	Cum

	i	Un-Skilled	2.96	23.322282816	-
	ii	Skilled	1.05	8.27310708	-
	iii	Highly-Skilled	0.35	2.75770236	-
13		<b>Plastering (AR1004) : 12mm thick cement plster (1:6) over Brick work in inside - 12mm thick cement plster (1:6) over Brick work in inside including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T &amp; P required for the work etc. comp.and as per direction of Engineer-in-charge.</b>	-	58.993405	Sqm
	i	Un-Skilled	0.12	7.0792086	-
	ii	Skilled	0.14	8.2590767	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	156.43143256943	462	72271.321847077
1	Highly-Skilled	47.281182105485	612	28936.083448557
2	Semi-Skilled	32.3209537	512	16548.3282944
3	Skilled	28.960867224	562	16276.007379888
<b>Total:</b>				<b>134031.74096992</b>

## MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Measurement Qty)	Unit
1	<b>Flooring (AR0816)</b> :.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.	-	57.878569	Sqm
i)	<b>BRMMR0027</b> : Wax Polish	1	57.878569	1 Sqm
ii)	<b>BRM130</b> : 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	57.878569	1 Sqm.
iii)	<b>BRM340</b> : Cement	0.2737	15.8413643353	1 Qntl.
iv)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.013	0.752421397	1 Cum

2	<p><b>Flooring (AR0817b)</b>  <b>:.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.</b></p>	-	<b>3.384642096</b>	Sqm
i)	<p><b>BRM129</b> : 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	3.384642096	1 Sqm.
ii)	<p><b>BRM340</b> : Cement</p>	0.1375	0.4653882882	1 Qntl.
iii)	<p><b>BRM028</b> : Screened and washed sharp sand for mortar</p>	0.015	0.05076963144	1 Cum

3	<b>Painting(AR0920a)</b> <b>:.Finishing wall surface with two coats with plastic emulsion paint of approved shades above one coat oil bound Primer on new work (Inside) -</b> 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)	-	152.639629	Sqm
i)	<b>BRM140</b> : Plastic Emulsion paint	0.125	19.079953625	1 Litre
ii)	<b>BRM252</b> : Wall cement primer (I.S.I.) Oil bound	0.084	12.821728836	1 Ltr
4	<b>Painting(AR0918g)</b> <b>:.Finishing wall with two coats weather coat paint of approved shade including one coat of oil bound primer in the outer surface of old work .(Outside) -</b> Finishing wall with two coats weather coat paint of approved shade including one coat of oil bound primer in the outer surface of old work to give an even shade including all costs of labour, Paint, Brushes, and putty required for the work, etc. complete and as per direction of Engineer-in-charge. (Outside)	-	108.324898	Sqm
i)	<b>BRM255</b> : Weather Coat (I.S.I.)	0.125	13.54061225	1 Ltr
ii)	<b>BRM252</b> : Wall cement primer (I.S.I.) Oil bound	0.084	9.099291432	1 Ltr

5	<b>Painting(AR0903b)</b> :.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.	-	<b>14.876092875</b>	Sqm
i)	<b>BRM137</b> : Red oxide Primer	0.054	0.80330901525	1 Litre
ii)	<b>BRM141</b> : Enamel paint	0.125	1.859511609375	1 Litre
6	<b>Other Building Items. (AR1902) :.cement based wall putty (water based) -</b> Finishing surface of walls with cement based wall putty (water based) of approved make and finished smooth and even surface to receive painting including cost of scaffolding staging charges with cost of all materials taxes,labour,T&P,etc. complete. and as per the direction of Engineer in Charge.	-	<b>99.313307</b>	Sqm
i)	<b>BRMMR0038</b> : Cement based putty	0.8	79.4506456	kg
7	<b>Earth Work (AR0102aa) :.Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift -</b> 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	-	<b>2.229948</b>	Cum

8	<b>Earth Work (AR0115)</b> :.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.	-	5.946528	Cum
i)	<b>BRM029</b> : Sand for filling and road blinding	1	5.946528	1 Cum
9	<b>Concrete (AR0303)</b> :.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.	-	9.09818784	Cum
i)	<b>BRM340</b> : Cement	2.29	20.8348501536	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	4.3671301632	1 Cum
iii)	<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	8.7342603264	1 Cum.

10	<p><b>Concrete (AR0307)</b>  <b>:.Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum -</b>  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&amp;P required for the work etc. complete as per specifaion and direction of Engineer-in charge.</p>	-	<b>7.84941696</b>	Cum
i)	<b>BRM340 : Cement</b>	3.23	25.3536167808	1 Qntl.
ii)	<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.45	3.532237632	1 Cum
iii)	<b>BRM056 : Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve &amp; retained on 9.50mm sieve but whole should pass through 19mm sieve) (Crusher broken)</b>	0.9	7.064475264	1 Cum.
11	<p><b>R.C.C. Work (AR0410c) :.R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc -</b>  Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. foundation, plinth band and footings bases of columns mass concrete precast slabs, etc</p>	-	<b>9.754815</b>	Sqm
i)	<b>BRM104 : Non Sal wood scantling &amp; plants(Tentera, Kasi, Gamhari, Kuruma)</b>	0.00267	0.02604535605	1Cum.
ii)	<b>BRM092 : Non-sal bullahs 75mm. mean dia of any length.</b>	0.126	1.22910669	1Mtr.

12	<b>Masonry Brick Work (AR0603b) :.Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth</b> - 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.	-	7.8791496	Cum
i)	<b>BRM340</b> : Cement	0.672	5.2947885312	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.28	2.206161888	1 Cum
iii)	<b>BRM005</b> : 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	2757.70236	1000 Nos
13	<b>Plastering (AR1004) :.12mm thick cement plaster (1:6) over Brick work in inside</b> - 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.	-	58.993405	Sqm
i)	<b>BRM340</b> : Cement	0.0358	2.111963899	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.015	0.884901075	1 Cum

Sl.No.	Material Name	Qty	Unit	Rate	Amount
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1	<b>BRMMR0027</b>	57.878569	1 Sqm	8.5	491.9678365
2	<b>BRM130</b>	57.878569	1 Sqm.	461.3175001	26700.396760445
3	<b>BRM340</b>	69.9019719881	1 Qntl.	534.912	37391.403640099
4	<b>BRM028</b>	11.79362178664	1 Cum	600.27	7079.3573498664
5	<b>BRM129</b>	3.384642096	1 Sqm.	416.4375001	1409.4918931915
6	<b>BRM140</b>	19.079953625	1 Litre	249.58787	4762.1249849625
7	<b>BRM252</b>	21.921020268	1 Ltr	125.74787	2756.5216069278
8	<b>BRM255</b>	13.54061225	1 Ltr	195.09732	2641.7371611342
9	<b>BRM137</b>	0.80330901525	1 Litre	142.94787	114.83131268178
10	<b>BRM141</b>	1.859511609375	1 Litre	205.58787	382.29303101168
11	<b>BRMMR0038</b>	79.4506456	kg	30	2383.519368
12	<b>BRM029</b>	5.946528	1 Cum	660.43	3927.26548704
13	<b>BRM044</b>	8.7342603264	1 Cum.	1531.66	13377.917171534
14	<b>BRM056</b>	7.064475264	1 Cum.	1933.03	13655.84261957
15	<b>BRM104</b>	0.02604535605	1Cum.	58573.086	1525.5568798173
16	<b>BRM092</b>	1.22910669	1Mtr.	229.106	281.59571731914
17	<b>BRM005</b>	2757.70236	1000 Nos	6.00665	16564.552880694
<b>Total: 135446.37570079</b>					

## ROYALTY STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
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1	<p><b>Flooring (AR0816)</b>  <b>:.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 -</b> 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>	-	<b>57.878569</b>	Sqm
i)	<b>BRM130</b> : 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	57.878569	1 Sqm.
ii)	<b>BRM340</b> : Cement	0.2737	15.8413643353	1 Qntl.
iii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.013	0.752421397	1 Cum

2	<p><b>Flooring (AR0817b)</b>  <b>:.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.</b></p>	-	<b>3.384642096</b>	Sqm
i)	<p><b>BRM129</b> : 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	3.384642096	1 Sqm.
ii)	<p><b>BRM340</b> : Cement</p>	0.1375	0.4653882882	1 Qntl.
iii)	<p><b>BRM028</b> : Screened and washed sharp sand for mortar</p>	0.015	0.05076963144	1 Cum

3	<b>Painting(AR0920a)</b> <b>:.Finishing wall surface with two coats with plastic emulsion paint of approved shades above one coat oil bound Primer on new work (Inside) -</b> 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)	-	152.639629	Sqm
i)	<b>BRM140</b> : Plastic Emulsion paint	0.125	19.079953625	1 Litre
ii)	<b>BRM252</b> : Wall cement primer (I.S.I.) Oil bound	0.084	12.821728836	1 Ltr
4	<b>Painting(AR0918g)</b> <b>:.Finishing wall with two coats weather coat paint of approved shade including one coat of oil bound primer in the outer surface of old work .(Outside) -</b> Finishing wall with two coats weather coat paint of approved shade including one coat of oil bound primer in the outer surface of old work to give an even shade including all costs of labour, Paint, Brushes, and putty required for the work, etc. complete and as per direction of Engineer-in-charge. (Outside)	-	108.324898	Sqm
i)	<b>BRM255</b> : Weather Coat (I.S.I.)	0.125	13.54061225	1 Ltr
ii)	<b>BRM252</b> : Wall cement primer (I.S.I.) Oil bound	0.084	9.099291432	1 Ltr

5	<p><b>Painting(AR0903b)</b>  <b>:.Painting two coats of enamel paint with a coat of red oxide primer over iron surface</b> - 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>	-	<b>14.876092875</b>	Sqm
i)	<b>BRM137</b> : Red oxide Primer	0.054	0.80330901525	1 Litre
ii)	<b>BRM141</b> : Enamel paint	0.125	1.859511609375	1 Litre
6	<p><b>Other Building Items. (AR1902) :.cement based wall putty (water based)</b> - Finishing surface of walls with cement based wall putty (water based) of approved make and finished smooth and even surface to receive painting including cost of scaffolding staging charges with cost of all materials taxes,labour,T&amp;P,etc. complete. and as per the direction of Engineer in Charge.</p>	-	<b>99.313307</b>	Sqm
7	<p><b>Earth Work (AR0102aa) :.Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift</b> - Earth work in hard soil or gravelly soil foundation &amp; 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>	-	<b>2.229948</b>	Cum

8	<b>Earth Work (AR0115)</b> :.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.	-	<b>5.946528</b>	Cum
i)	<b>BRM029</b> : Sand for filling and road blinding	1	5.946528	1 Cum
9	<b>Concrete (AR0303)</b> :.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.	-	<b>9.09818784</b>	Cum
i)	<b>BRM340</b> : Cement	2.29	20.8348501536	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	4.3671301632	1 Cum
iii)	<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	8.7342603264	1 Cum.

10	<p><b>Concrete (AR0307)</b>  <b>:.Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum -</b>  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&amp;P required for the work etc. complete as per specifaion and direction of Engineer-in charge.</p>	-	<b>7.84941696</b>	Cum
i)	<b>BRM340</b> : Cement	3.23	25.3536167808	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	3.532237632	1 Cum
iii)	<b>BRM056</b> : 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	7.064475264	1 Cum.
11	<p><b>R.C.C. Work (AR0410c) :.R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc -</b>  Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. foundation, plinth band and footings bases of columns mass concrete precast slabs, etc</p>	-	<b>9.754815</b>	Sqm
i)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.02604535605	1Cum.
ii)	<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.000614	0.00598945641	1Mtr.

12	<b>Masonry Brick Work (AR0603b) :.Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth</b> - 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.	-		<b>7.8791496</b>	Cum
i)	<b>BRM340</b> : Cement	0.672		5.2947885312	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.28		2.206161888	1 Cum
iii)	<b>BRM005</b> : 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		2757.70236	1000 Nos
13	<b>Plastering (AR1004) :.12mm thick cement plaster (1:6) over Brick work in inside</b> - 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.	-		<b>58.993405</b>	Sqm
i)	<b>BRM340</b> : Cement	0.0358		2.111963899	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.015		0.884901075	1 Cum

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
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1	<b>BRM028</b>	11.79362178664	1 Cum	48.25	569.04225120538
2	<b>BRM029</b>	5.946528	1 Cum	48.25	286.919976
3	<b>BRM044</b>	8.7342603264	1 Cum.	158.5	1384.3802617344
4	<b>BRM056</b>	7.064475264	1 Cum.	158.5	1119.719329344
<b>Total: 3360.0618182838</b>					

#### **ADDITION COMPONENT**

<b>Sl.No.</b>	<b>Item Name</b>	<b>Amount (in Rs.)</b>
1	Provision for PH Work @ Rs. 5000	Rs. 5000
2	Provision for EI Work @ Rs. 7271	Rs. 7271
3	Provision for Contingency @ Rs. 3000	Rs. 3000
4	Display Citizen Board @ Rs. 3000	Rs. 3000
<b>Total Addition Component Amount (in Rs.): 18271</b>		

**Total Net Amount (in Rs.): 299999.80506627**