

ESTIMATION DPR							
State	Odisha	District	Kandhamal	Block	Chakapad	Gram Panchayat	Arabaka

Work Code	OD/359/3423/118880/415906/00037123 (RENOVATION OF PRIMARY SCHOOL AT RAJIKAKHOLE)
Project Category	Building

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Chakapad	Proposal Date	-
Date of Commencement	-	Date of Completion	-
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	Maintenance of Primary School Building
Project Sub-Category	Elementary School	Project Type	Renovation or Rejuvenation
Name of Executant			

Administrative Approval Details

Approval No.	
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Technical Sanction Details

Technical Sanction No.	OD/359/3423/118880/415906/00037123/TS
Fund Sanction No.	34989
Fund Sanction Amount (in Rs.)	216878

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	65.811091655	100.34838709677	18919.88857199

2	<p>Dismantling (AR1613) : Removing old lime or cement plaster - Removing old lime or cement plaster from walls including raking out joints 12 mm deep and removing the debris within 50m lead and as per direction of Engineer-in-Charge.</p>	Sqm	80.7004232075	50.174193548387	18919.88857199
3	<p>Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal - Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge.</p>	Cum	5.014799092	5394.55111114	18919.88857199

4	<p>Flooring (AR0802i) : 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher broken chips - 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher broken chips including punning incl. cost, conveyance & royalty of materials as per direction of Engineer-in-charge.</p>	Sqm	66.650005745	383.4678193628	18919.88857199
5	<p>Masonry Brick Work (AR0603bi) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure - Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm² with dimensional tolerance ±8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.</p>	Cum	0.44984634816	5161.150616352	18919.88857199

6	<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	34.1610276792	178.4510503628	18919.88857199
7	<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	40.7729063183	254.424478038	18919.88857199

8	<p>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.</p>	Qntl	1.695966607	16831.362977087	18919.88857199
9	<p>Concrete (AR0317) : 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips - 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips including hoisting and laying in position compacting and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete as per specificaion and direction of Engineer-in charge. (new work)</p>	Sqm	68.4191389934	370.4814676228	18919.88857199

10	<p>Dismantling (AR1624) : Dismantling and removing R.C.C. columns beams slab staircase landing lintels - Dismantling and removing R.C.C. columns beams slab staircase landing lintels including stacking the useful materials for reuse and removing the debris within 50m lead and as per direction of Engineer-in-Charge.</p>	Cum	0.131779308	1475.61	18919.88857199
11	<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	68.4191389934	77.77	18919.88857199
12	<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	1.8745781534	396.30846153846	18919.88857199

13	<p>Plastering (AR1008) : 20mm thick cement Plaster in CM (1:6) over brick work in inside. - 20mm thick cement Plaster in CM (1:6) for stone 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	5.27503234	267.922898162	18919.88857199
14	<p>Painting (AR0901di) : Priming one coat with outer surface primer of approved quality water-bound primer over plastering surfaces(outer surface) - Priming one coat with outer surface primer of approved quality water-bound primer over plastering surfaces including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.</p>	Sqm	138.3916904692	72.851776329032	18919.88857199

15	Painting (AR0901d) : Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface) - Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.	Sqm	239.9736608583	71.83450682471	18919.88857199
16	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)	Sqm	138.3916904692	156.85851493721	18919.88857199

17	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)	Sqm	239.9736608583	78.841521625	18919.88857199
Total Amount (in Rs.): 211568.61007258					

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.	-	65.811091655	Sqm
i	Un-Skilled	0.21505376344086	14.152922936559	-

2	Dismantling (AR1613) : Removing old lime or cement plaster - Removing old lime or cement plaster from walls including raking out joints 12 mm deep and removing the debris within 50m lead and as per direction of Engineer-in-Charge.	-	80.7004232075	Sqm
i	Un-Skilled	0.10752688172043	8.6774648610215	-
3	Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal - Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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.	-	5.014799092	Cum
i	Un-Skilled	3.9	19.5577164588	-
ii	Skilled	0.18	0.90266383656	-

4	<p>Flooring (AR0802i) : 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher broken chips - 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher broken chips including punning incl. cost, conveyance & royalty of materials as per direction of Engineer-in-charge.</p>	-	66.650005745	Sqm
i	Un-Skilled	0.36	23.9940020682	-
ii	Highly-Skilled	0.13	8.66450074685	-
5	<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>	-	0.44984634816	Cum
i	Un-Skilled	2.96	1.3315451905536	-
ii	Skilled	1.05	0.472338665568	-

	iii	Highly-Skilled	0.35	0.157446221856	-
6		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 & P required for the work etc. comp.and as per direction of Engineer-in-charge.	-	34.1610276792	Sqm
	i	Un-Skilled	0.12	4.099323321504	-
	ii	Skilled	0.14	4.782543875088	-
7		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.	-	40.7729063183	Sqm
	i	Un-Skilled	0.24	9.785497516392	-
	ii	Skilled	0.16	6.523665010928	-

8	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.	-	1.695966607	Qntl
i	Un-Skilled	6.3976377952756	10.850180064469	-
ii	Semi-Skilled	1.9685039370079	3.3385169429134	-
iii	Skilled	3.9370078740157	6.6770338858268	-
iv	Highly-Skilled	3.4448818897638	5.8424046500984	-
9	Concrete (AR0317) : 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips - 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips including hoisting and laying in position compacting and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete as per specifaion and direction of Engineer-in charge. (new work)	-	68.4191389934	Sqm
i	Un-Skilled	0.36	24.630890037624	-

	ii	Highly-Skilled	0.1	6.84191389934	-
10		Dismantling (AR1624) : Dismantling and removing R.C.C. columns beams slab staircase landing lintels - Dismantling and removing R.C.C. columns beams slab staircase landing lintels including stacking the useful materials for reuse and removing the debris within 50m lead and as per direction of Engineer-in-Charge.	-	0.131779308	Cum
	i	Un-Skilled	1.5	0.197668962	-
	ii	Semi-Skilled	1.5	0.197668962	-
11		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.	-	68.4191389934	Sqm
	i	Un-Skilled	0.1666666666667	11.403189832233	-

12	<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>	-	1.8745781534	Sqm
i	Un-Skilled	0.61538461538462	1.1535865559385	-
ii	Skilled	0.19230769230769	0.36049579873077	-
13	<p>Plastering (AR1008) : 20mm thick cement Plaster in CM (1:6) over brick work in inside. - 20mm thick cement Plaster in CM (1:6) for stone 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>	-	5.27503234	Sqm
i	Un-Skilled	0.24	1.2660077616	-
ii	Skilled	0.16	0.8440051744	-

14	<p>Painting (AR0901di) : Priming one coat with outer surface primer of approved quality water-bound primer over plastering surfaces(outer surface) - Priming one coat with outer surface primer of approved quality water-bound primer over plastering surfaces including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.</p>	-	138.3916904692	Sqm
i	Highly-Skilled	0.053763440860215	7.440413466086	-
ii	Un-Skilled	0.053763440860215	7.440413466086	-
15	<p>Painting (AR0901d) : Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface) - Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.</p>	-	239.9736608583	Sqm
i	Highly-Skilled	0.053763440860215	12.901809723565	-
ii	Un-Skilled	0.053763440860215	12.901809723565	-

16	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)	-	138.3916904692	Sqm
i	Un-Skilled	0.11776344086022	16.297481656115	-
ii	Highly-Skilled	0.10776344086022	14.913564751423	-
17	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)	-	239.9736608583	Sqm
i	Highly-Skilled	0.052	12.478630364632	-
ii	Un-Skilled	0.062	14.878366973215	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	182.61806738587	462	84369.547132274

1	Skilled	20.562746247102	562	11556.263390871
2	Highly-Skilled	69.240683823849	612	42375.298500196
3	Semi-Skilled	3.5361859049134	512	1810.5271833157
				Total: 140111.63620666

MATERIAL STATEMENT

SI.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.	-	65.811091655	Sqm
2	Dismantling (AR1613) .:Removing old lime or cement plaster - Removing old lime or cement plaster from walls including raking out joints 12 mm deep and removing the debris within 50m lead and as per direction of Engineer-in-Charge.	-	80.7004232075	Sqm

3	<p>Concrete (AR0303a) :.Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal - Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	5.014799092	Cum
i)	BRM340 : Cement	2.29	11.48388992068	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	2.40710356416	1 Cum
iii)	BRM045 : Granite Stone broken metal 40mm. size (Hand broken)	0.96	4.81420712832	1 Cum.
4	<p>Flooring (AR0802i) :.2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher broken chips - 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher broken chips including punning incl. cost, conveyance & royalty of materials as per direction of Engineer-in-charge.</p>	-	66.650005745	Sqm
i)	BRM340 : Cement	0.0858	5.718570492921	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.012	0.79980006894	1 Cum
iii)	BRM056 : Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve & retained on 9.50mm sieve but whole should pass through 19mm sieve) (Crusher broken)	0.023	1.532950132135	1 Cum.

5	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.	-	0.44984634816	Cum
i)	BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK	1	0.44984634816	1 Cum
ii)	BRM340 : Cement	0.672	0.30229674596352	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.28	0.1259569774848	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	157.446221856	1000 Nos
6	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.	-	34.1610276792	Sqm
i)	BRM340 : Cement	0.0358	1.2229647909154	1 Qntl.

ii)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.512415415188	1 Cum
7	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.	-	40.7729063183	Sqm
i)	BRM340 : Cement	0.043	1.7532349716869	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	0.7339123137294	1 Cum
8	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.	-	1.695966607	Qntl
i)	BRM341 : Steel	1	1.695966607	1 Qntl.

9	Concrete (AR0317) :.2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips - 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips including hoisting and laying in position compacting and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete as per specifaion and direction of Engineer-in charge. (new work)	-	68.4191389934	Sqm
i)	BRM340 : Cement	0.1208	8.2650319904027	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.0169	1.1562834489885	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	1.1562834489885	1 Cum.
10	Dismantling (AR1624) :.Dismantling and removing R.C.C. columns beams slab staircase landing lintels - Dismantling and removing R.C.C. columns beams slab staircase landing lintels including stacking the useful materials for reuse and removing the debris within 50m lead and as per direction of Engineer-in-Charge.	-	0.131779308	Cum
11	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.	-	68.4191389934	Sqm

12	<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>	-	1.8745781534	Sqm
13	<p>Plastering (AR1008) :.20mm thick cement Plaster in CM (1:6) over brick work in inside. - 20mm thick cement Plaster in CM (1:6) for stone 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>	-	5.27503234	Sqm
i)	BRM340 : Cement	0.057	0.30067684338	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.021	0.11077567914	1 Cum
14	<p>Painting(AR0901di) :.Priming one coat with outer surface primer of approved quality water-bound primer over plastering surfaces(outer surface) - Priming one coat with outer surface primer of approved quality water-bound primer over plastering surfaces including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.</p>	-	138.3916904692	Sqm
i)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.090322580645161	12.499894623025	1 Ltr

15	Painting(AR0901d) :.Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface) - Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.	-	239.9736608583	Sqm
i)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.084	20.157787512097	1 Ltr
16	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)	-	138.3916904692	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.125	17.29896130865	1 Ltr
ii)	BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	11.624901999413	1 Ltr
17	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)	-	239.9736608583	Sqm
i)	BRM142 : Distemper	0.25	59.993415214575	1 Kg.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM340	29.04666575595	1 Qntl.	605.285	17581.51108209
2	BRM028	5.8462474676307	1 Cum	1104.39	6456.5372407766
3	BRM045	4.81420712832	1 Cum.	1167.53	5620.7312485274
4	BRM056	1.532950132135	1 Cum.	2424.13	3716.0704038124
5	BRMMR0025	0.44984634816	1 Cum	33	14.84492948928
6	BRM005	157.446221856	1000 Nos	6.023	948.29859423869
7	BRM341	1.695966607	1 Qntl.	7106.065	12051.648947171
8	BRM064	1.1562834489885	1 Cum.	1877.71	2171.1649950001
9	BRM253	32.657682135122	1 Ltr	159.30165	5202.4226493004
10	BRM255	17.29896130865	1 Ltr	195.06165	3374.3639361514
11	BRM252	11.624901999413	1 Ltr	125.77165	1462.0831055544
12	BRM142	59.993415214575	1 Kg.	70.37165	4221.8356177847
Total: 62821.512749897					

ROYALTY 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.	-	65.811091655	Sqm
2	Dismantling (AR1613) :.Removing old lime or cement plaster - Removing old lime or cement plaster from walls including raking out joints 12 mm deep and removing the debris within 50m lead and as per direction of Engineer-in-Charge.	-	80.7004232075	Sqm

3	<p>Concrete (AR0303a) :.Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal - Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	5.014799092	Cum
i)	BRM340 : Cement	2.29	11.48388992068	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	2.40710356416	1 Cum
iii)	BRM045 : Granite Stone broken metal 40mm. size (Hand broken)	0.96	4.81420712832	1 Cum.
4	<p>Flooring (AR0802i) :.2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher broken chips - 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher broken chips including punning incl. cost, conveyance & royalty of materials as per direction of Engineer-in-charge.</p>	-	66.650005745	Sqm
i)	BRM340 : Cement	0.0858	5.718570492921	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.012	0.79980006894	1 Cum
iii)	BRM056 : Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve & retained on 9.50mm sieve but whole should pass through 19mm sieve) (Crusher broken)	0.023	1.532950132135	1 Cum.

5	<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>	-	0.44984634816	Cum
i)	BRM340 : Cement	0.672	0.30229674596352	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.28	0.1259569774848	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	157.446221856	1000 Nos
6	<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>	-	34.1610276792	Sqm
i)	BRM340 : Cement	0.0358	1.2229647909154	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.512415415188	1 Cum

7	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.	-	40.7729063183	Sqm
i)	BRM340 : Cement	0.043	1.7532349716869	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	0.7339123137294	1 Cum
8	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.	-	1.695966607	Qntl
i)	BRM341 : Steel	1	1.695966607	1 Qntl.
9	Concrete (AR0317) :.2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips - 2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips including hoisting and laying in position compacting and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete as per specifaion and direction of Engineer-in charge. (new work)	-	68.4191389934	Sqm
i)	BRM340 : Cement	0.1208	8.2650319904027	1 Qntl.

ii)	BRM028 : Screened and washed sharp sand for mortar	0.0169	1.1562834489885	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	1.1562834489885	1 Cum.
10	Dismantling (AR1624) .:Dismantling and removing R.C.C. columns beams slab staircase landing lintels - Dismantling and removing R.C.C. columns beams slab staircase landing lintels including stacking the useful materials for reuse and removing the debris within 50m lead and as per direction of Engineer-in-Charge.	-	0.131779308	Cum
11	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.	-	68.4191389934	Sqm
12	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.	-	1.8745781534	Sqm

13	Plastering (AR1008) :.20mm thick cement Plaster in CM (1:6) over brick work in inside. - 20mm thick cement Plaster in CM (1:6) for stone 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.	-	5.27503234	Sqm
i)	BRM340 : Cement	0.057	0.30067684338	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.021	0.11077567914	1 Cum
14	Painting(AR0901di) :.Priming one coat with outer surface primer of approved quality water-bound primer over plastering surfaces(outer surface) - Priming one coat with outer surface primer of approved quality water-bound primer over plastering surfaces including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.	-	138.3916904692	Sqm
i)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.090322580645161	12.499894623025	1 Ltr

15	Painting(AR0901d) :.Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface) - Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.	-	239.9736608583	Sqm
i)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.084	20.157787512097	1 Ltr
16	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)	-	138.3916904692	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.125	17.29896130865	1 Ltr
ii)	BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	11.624901999413	1 Ltr
17	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)	-	239.9736608583	Sqm
i)	BRM142 : Distemper	0.25	59.993415214575	1 Kg.

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	5.8462474676307	1 Cum	40.25	235.31146057213
2	BRM045	4.81420712832	1 Cum.	149.5	719.72396568384
3	BRM056	1.532950132135	1 Cum.	149.5	229.17604475418
4	BRM064	1.1562834489885	1 Cum.	149.5	172.86437562377
Total:					1357.0758466339

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ 1%	Rs. 2115.6861007258
2	Display Citizen Board @ Rs. 3000	Rs. 3000
3	Any Other Lumpsum @ Rs. 193.7	Rs. 193.7
Total Addition Component Amount (in Rs.):		5309.3861007258

Total Net Amount (in Rs.): 216877.99617331