

BILLING DPR

State	Odisha	District	Kandhamal	Block	Phulbani	Gram Panchayat	Bisipada
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Work Code	OD/359/3430/118978/415515/00013532 (Repair and Maintenance of Kumuriguda Primary School Building)
Project Category	Building

Financial Year	2021-22	Execution Level	PS
Executing Agency	Panchayat Samiti, Phulbani	Bill Status	Final Bill
Proposal Date	21-09-2021	Date of Commencement	22-07-2025
Date of Completion	02-01-2026	Scheme Name	5th SFC Grant in Aid
Scheme Component Name	Maintenance of Primary School Building	Project Sub-Category	Elementary School
Project Type	Repair and Maintenance	Name of Executant	

Administrative Approval Details

Approval No.	OD/359/3430/118978/415515/00013532/AS
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Technical Sanction Details

Technical Sanction No.	OD/359/3430/118978/415515/00013532/TS
Fund Sanction No.	13670
Fund Sanction Amount (in Rs.)	300000

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
1	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.	Sqm	6.2709525	388.15076923077	20091.115259594
2	Iron Work (AR1704) : Iron Doors and windows fixing - Supplying, fitting & fixing of Mild steel and put up for frames & shutters of Doors and windows fixing in position with cost, conveyance, taxes of all materials, labours and T & P required for the work etc. as per direction of Engineer-in-charge.	Qntl	2.3275	16209.225484976	20091.115259594
3	Earth Work (AR0101a) : Earthwork in ordinary soil within 50m, initial lead and 1.5m, initial lift - Earth work in ordinary soil 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 direction of the Engineer-in-charge.	Cum	1.9326003624	146.0864	20091.115259594

4	Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed - Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T & P required for the work etc. complete and as per direction of Engineer-in charge.	Cum	0.644136408	542.599472	20091.115259594
5	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.	Cum	1.717697088	5092.3049004	20091.115259594
6	Masonry Brick Work (AR0603bi) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure - Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm ² with dimensional tolerance ±8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.	Cum	4.97962750264	4979.23167552	20091.115259594
7	R.C.C. Work (AR0404A) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge. (excluding centring and shuttering)	Cum	1.422972152416	6742.908957628	20091.115259594
8	R.C.C. Work (AR0409) : Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position - Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.	Qntl	1	9043.7683408	20091.115259594
9	Flooring (AR0816) : Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor - Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1 (1cement: 1sand) jointed with neat cement slurry mixed with pigment to match the shades of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Enginer-in-charge.	Sqm	11.3608756125	1186.748979193	20091.115259594

10	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.	Sqm	21.090374545	238.59745908	20091.115259594
11	Plastering (AR1004i) : 12mm thick cement plaster (1:6) over Brick work in outside. - 12mm thick cement plaster (1:6) over Brick work in outside including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc. comp.and as per direction of Engineer-in-charge.	Sqm	21.090374545	166.002421128	20091.115259594
12	Other Building Items. (AR1901A) : Supplying, fitting and fixing vitrified tile in floors of size 600mm x 600mm of approved make conforming to IS :13755 with application of polymer modified quick set cement based water resistant adhesive conforming to IS :15477 of 3mm thick bed and fillin - Supplying, fitting and fixing Vitrified Tile 600mmx600mm Plain (Ivory) of approved make conforming to IS :13755 with application of polymer modified quick set cement based water resistant adhesive conforming to IS :15477 of 3mm thick bed and filling joints with white cement of approved quality including cost of all materials, labour ,T&P,etc. required for the work all complete as per direction of Engineer-in-Charge(for repair work only)	Sqm	57.13717054395	2104.663887613	20091.115259594
13	Flooring (AR0817b) : Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) - Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) in wall cladding on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.	Sqm	9.104494	872.952645601	20091.115259594
14	Painting (AR0920ak) : Finishing wall two coats with plastic emulsion paint of approved shades with one coat oilbound Primer on new work (Inside)(For repair and maintenance). - Finishing wall two coats with plastic emulsion paint of approved shades with one coat oilbound 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)(For repair and maintenance).	Sqm	108.797495561	163.8608343788	20091.115259594
15	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	50.651180115	98.176344086021	20091.115259594

16	Painting (AR0918cb) : Finishing wall two coats with weather coat with one coat waterbound Primer - Finishing wall two coats with weather coat with one coat waterbound 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	125.0005405656	160.72822700355	20091.115259594
Total Amount (in Rs.): 286082.89186986					

LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	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.	-	6.2709525	Sqm
i	Un-Skilled	0.61538461538462	3.8590476923077	-
ii	Skilled	0.19230769230769	1.2059524038462	-
2	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.	-	2.3275	Qntl
i	Un-Skilled	6.3976377952756	14.890501968504	-
ii	Semi-Skilled	1.9685039370079	4.5816929133858	-
iii	Skilled	3.9370078740157	9.1633858267717	-
iv	Highly-Skilled	3.4448818897638	8.0179625984252	-
3	Earth Work (AR0101a) : Earthwork in ordinary soil within 50m, initial lead and 1.5m, initial lift - Earth work in ordinary soil 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 direction of the Engineer-in-charge.	-	1.9326003624	Cum
i	Un-Skilled	0.32	0.618432115968	-
4	Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed - Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T & P required for the work etc. complete and as per direction of Engineer-in charge.	-	0.644136408	Cum
i	Un-Skilled	0.1236	0.0796152600288	-
5	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.	-	1.717697088	Cum
i	Un-Skilled	3.9	6.6990186432	-

ii	Skilled	0.18	0.30918547584	-
6	Masonry Brick Work (AR0603bi) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure - Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm ² with dimensional tolerance ±8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.	-	4.97962750264	Cum
i	Un-Skilled	2.96	14.739697407814	-
ii	Skilled	1.05	5.228608877772	-
iii	Highly-Skilled	0.35	1.742869625924	-
7	R.C.C. Work (AR0404A) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge. (excluding centring and shuttering)	-	1.422972152416	Cum
i	Un-Skilled	1.3333	1.8972487708163	-
ii	Skilled	0.1	0.1422972152416	-
iii	Semi-Skilled	0.0573	0.081536304333437	-
8	R.C.C. Work (AR0409) : Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position - Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.	-	1	Qntl
i	Un-Skilled	0.8	0.8	-
ii	Highly-Skilled	0.3	0.3	-
iii	Semi-Skilled	0.044	0.044	-
9	Flooring (AR0816) : Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor - Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1 (1cement: 1sand) jointed with neat cement slurry mixed with pigment to match the shades of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Enginer-in-charge.	-	11.3608756125	Sqm
i	Un-Skilled	0.216	2.4539491323	-
ii	Highly-Skilled	0.216	2.4539491323	-
iii	Semi-Skilled	0.55	6.248481586875	-

10	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.	-	21.090374545	Sqm
i	Un-Skilled	0.24	5.0616898908	-
ii	Skilled	0.16	3.3744599272	-
11	Plastering (AR1004i) : 12mm thick cement plaster (1:6) over Brick work in outside. - 12mm thick cement plaster (1:6) over Brick work in outside including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc. comp.and as per direction of Engineer-in-charge.	-	21.090374545	Sqm
i	Un-Skilled	0.12	2.5308449454	-
ii	Skilled	0.14	2.9526524363	-
12	Other Building Items. (AR1901A) : Supplying, fitting and fixing vitrified tile in floors of size 600mm x 600mm of approved make conforming to IS :13755 with application of polymer modified quick set cement based water resistant adhesive conforming to IS :15477 of 3mm thick bed and fillin - Supplying, fitting and fixing Vitrified Tile 600mmx600mm Plain (Ivory) of approved make conforming to IS :13755 with application of polymer modified quick set cement based water resistant adhesive conforming to IS :15477 of 3mm thick bed and filling joints with white cement of approved quality including cost of all materials, labour ,T&P,etc. required for the work all complete as per direction of Engineer-in-Charge(for repair work only)	-	57.13717054395	Sqm
i	Un-Skilled	0.216	12.341628837493	-
ii	Highly-Skilled	0.216	12.341628837493	-
13	Flooring (AR0817b) : Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) - Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) in wall cladding on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.	-	9.104494	Sqm
i	Un-Skilled	0.325	2.95896055	-
ii	Highly-Skilled	0.325	2.95896055	-
14	Painting (AR0920ak) : Finishing wall two coats with plastic emulsion paint of approved shades with one coat oilbound Primer on new work (Inside)(For repair and maintenance). - Finishing wall two coats with plastic emulsion paint of approved shades with one coat oilbound 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)(For repair and maintenance).	-	108.797495561	Sqm

i	Highly-Skilled	0.10991870967742	11.9588803282	-
ii	Un-Skilled	0.12011870967742	13.068614782922	-
15	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.	-	50.651180115	Sqm
i	Un-Skilled	0.21505376344086	10.892726906452	-
16	Painting (AR0918cb) : Finishing wall two coats with weather coat with one coat waterbound Primer - Finishing wall two coats with weather coat with one coat waterbound 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)	-	125.0005405656	Sqm
i	Un-Skilled	0.11776344086022	14.720493766392	-
ii	Highly-Skilled	0.10776344086022	13.470488360736	-

Sl.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	107.6124706704	452	48640.83674302
2	Skilled	22.376542162971	552	12351.85127396
3	Semi-Skilled	10.955710804594	502	5499.7668239063
4	Highly-Skilled	53.244739433078	602	32053.333138713
Total:				98545.787979599

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	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.	-	6.2709525	Sqm
2	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.	-	2.3275	Qntl
i)	BRM341 : Steel	1	2.3275	1 Qntl.
3	Earth Work (AR0101a) :.Earthwork in ordinary soil within 50m, initial lead and 1.5m, initial lift - Earth work in ordinary soil 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 direction of the Engineer-in-charge.	-	1.9326003624	Cum

4	Earth Work (AR0115) :.Filling foundation and plinth with sand well watered and rammed - Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T & P required for the work etc. complete and as per direction of Engineer-in charge.	-	0.644136408	Cum
i)	BRM029 : Sand for filling and road blinding	1	0.644136408	1 Cum
5	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.	-	1.717697088	Cum
i)	BRM340 : Cement	2.29	3.93352633152	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	0.82449460224	1 Cum
iii)	BRM045 : Granite Stone broken metal 40mm. size (Hand broken)	0.96	1.64898920448	1 Cum.
6	Masonry Brick Work (AR0603bi) :.Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure - Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/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.	-	4.97962750264	Cum
i)	BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK	1	4.97962750264	1 Cum
ii)	BRM340 : Cement	0.672	3.3463096817741	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.28	1.3942957007392	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	1742.869625924	1000 Nos
7	R.C.C. Work (AR0404A) :.Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge. (excluding centring and shuttering)	-	1.422972152416	Cum
i)	BRM340 : Cement	3.4733	4.9424091769865	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.6403374685872	1 Cum

iii)	BRM060 : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	0.51226997486976	1 Cum.
iv)	BRM052 : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	0.76840496230464	1 Cum.
8	R.C.C. Work (AR0409) :.Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position - Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.	-	1	Qntl
i)	BRM162 : Binding Wire.	0.8	0.8	1 Kg.
ii)	BRM341 : Steel	1.05	1.05	1 Qntl.
9	Flooring (AR0816) :.Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor - Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1 (1cement: 1sand) jointed with neat cement slurry mixed with pigment to match the shades of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.	-	11.3608756125	Sqm
i)	BRMMR0027 : Wax Polish	1	11.3608756125	1 Sqm
ii)	BRM130 : Tiles up to 30cm x 30cm / 40cm x 40cm special plain / printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755	1	11.3608756125	1 Sqm.
iii)	BRM340 : Cement	0.2737	3.1094716551412	1 Qntl.
iv)	BRM028 : Screened and washed sharp sand for mortar	0.013	0.1476913829625	1 Cum
10	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.	-	21.090374545	Sqm
i)	BRM340 : Cement	0.043	0.906886105435	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	0.37962674181	1 Cum

11	Plastering (AR1004i) :.12mm thick cement plaster (1:6) over Brick work in outside. - 12mm thick cement plaster (1:6) over Brick work in outside including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc. comp.and as per direction of Engineer-in-charge.	-	21.090374545	Sqm
i)	BRM340 : Cement	0.0358	0.755035408711	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.316355618175	1 Cum
12	Other Building Items. (AR1901A) :.Supplying, fitting and fixing vitrified tile in floors of size 600mm x 600mm of approved make conforming to IS :13755 with application of polymer modified quick set cement based water resistant adhesive conforming to IS :15477 of 3mm thick bed and fillin - Supplying, fitting and fixing Vitrified Tile 600mmx600mm Plain (Ivory) of approved make conforming to IS :13755 with application of polymer modified quick set cement based water resistant adhesive conforming to IS :15477 of 3mm thick bed and filling joints with white cement of approved quality including cost of all materials, labour ,T&P,etc. required for the work all complete as per direction of Engineer-in-Charge(for repair work only)	-	57.13717054395	Sqm
i)	BRM174 : White Cement.	0.0076	0.43424249613402	1Qntl
ii)	BRM256 : Adhesive (I.S.I.)	5.4	308.54072093733	1 Kg
iii)	BRM131 : Tiles up to Polished Vitrified floor tiles of premium grade having thickness 8 mm to 10mm conforming to IS 15622:2006 (Group-B la) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)	1	57.13717054395	1 Sqm.
13	Flooring (AR0817b) :.Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) - Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) in wall cladding on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.	-	9.104494	Sqm
i)	BRM129 : Tiles up to 20cmx30cm / 20cm x 20cm special plain /printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753	1	9.104494	1 Sqm.
ii)	BRM340 : Cement	0.1375	1.251867925	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.13656741	1 Cum
14	Painting(AR0920ak) :.Finishing wall two coats with plastic emulsion paint of approved shades with one coat oilbound Primer on new work (Inside)(For repair and maintenance). - Finishing wall two coats with plastic emulsion paint of approved shades with one coat oilbound 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)(For repair and maintenance).	-	108.797495561	Sqm

i)	BRM140 : Plastic Emulsion paint	0.125	13.599686945125	1 Litre
ii)	BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	9.138989627124	1 Ltr
15	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.	-	50.651180115	Sqm
16	Painting(AR0918cb) :.Finishing wall two coats with weather coat with one coat waterbound Primer - Finishing wall two coats with weather coat with one coat waterbound 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)	-	125.0005405656	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.125	15.6250675707	1 Ltr
ii)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.090322580645161	11.290371405925	1 Ltr

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM341	3.3775	1 Qntl.	6718.052	22690.22063
2	BRM029	0.644136408	1 Cum	411.11	264.81091869288
3	BRM340	18.245506284568	1 Qntl.	563.532	10281.926647555
4	BRM028	3.8393689245139	1 Cum	417.99	1604.8178167576
5	BRM045	1.64898920448	1 Cum.	1128.47	1860.8348475795
6	BRMMR0025	4.97962750264	1 Cum	33	164.32770758712
7	BRM005	1742.869625924	1000 Nos	6.11135	10651.286288391
8	BRM060	0.51226997486976	1 Cum.	2924.58	1498.1745231046
9	BRM052	0.76840496230464	1 Cum.	2888.2	2219.3072121283
10	BRM162	0.8	1 Kg.	90.1	72.08
11	BRMMR0027	11.3608756125	1 Sqm	8.5	96.56744270625
12	BRM130	11.3608756125	1 Sqm.	461.3175001	5240.9707365056
13	BRM174	0.43424249613402	1Qntl	2047.912	889.29041874281
14	BRM256	308.54072093733	1 Kg	217.4	67076.752731776
15	BRM131	57.13717054395	1 Sqm.	662.3175001	37842.947957456
16	BRM129	9.104494	1 Sqm.	416.4375001	3791.4527210354
17	BRM140	13.599686945125	1 Litre	249.64732	3395.1253986894
18	BRM252	9.138989627124	1 Ltr	125.80732	1149.7517924963
19	BRM255	15.6250675707	1 Ltr	195.09732	3048.4088078625
20	BRM253	11.290371405925	1 Ltr	159.33732	1798.9775216247
Total: 175638.03212069					

ROYALTY STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Measurement Qty)	Unit
1	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.	-	6.2709525	Sqm
2	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.	-	2.3275	Qntl
i)	BRM341 : Steel	1	2.3275	1 Qntl.
3	Earth Work (AR0101a) :.Earthwork in ordinary soil within 50m, initial lead and 1.5m, initial lift - Earth work in ordinary soil 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 direction of the Engineer-in-charge.	-	1.9326003624	Cum
4	Earth Work (AR0115) :.Filling foundation and plinth with sand well watered and rammed - Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T & P required for the work etc. complete and as per direction of Engineer-in charge.	-	0.644136408	Cum
i)	BRM029 : Sand for filling and road blinding	1	0.644136408	1 Cum
5	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.	-	1.717697088	Cum
i)	BRM340 : Cement	2.29	3.93352633152	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	0.82449460224	1 Cum
iii)	BRM045 : Granite Stone broken metal 40mm. size (Hand broken)	0.96	1.64898920448	1 Cum.
6	Masonry Brick Work (AR0603bi) :.Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure - Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm ² with dimensional tolerance ±8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.	-	4.97962750264	Cum
i)	BRM340 : Cement	0.672	3.3463096817741	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.28	1.3942957007392	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./Cm2 with dimensional tolerance $\pm 2\%$	350	1742.869625924	1000 Nos
7	R.C.C. Work (AR0404A) :.Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge. (excluding centring and shuttering)	-	1.422972152416	Cum
i)	BRM340 : Cement	3.4733	4.9424091769865	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.6403374685872	1 Cum
iii)	BRM060 : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	0.51226997486976	1 Cum.
iv)	BRM052 : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	0.76840496230464	1 Cum.
8	R.C.C. Work (AR0409) :.Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position - Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.	-	1	Qntl
i)	BRM341 : Steel	1.05	1.05	1 Qntl.
9	Flooring (AR0816) :.Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor - Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1 (1cement: 1sand) jointed with neat cement slurry mixed with pigment to match the shades of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.	-	11.3608756125	Sqm
i)	BRM130 : Tiles up to 30cm x 30cm / 40cm x 40cm special plain / printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755	1	11.3608756125	1 Sqm.
ii)	BRM340 : Cement	0.2737	3.1094716551412	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.013	0.1476913829625	1 Cum

10	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.	-	21.090374545	Sqm
i)	BRM340 : Cement	0.043	0.906886105435	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	0.37962674181	1 Cum
11	Plastering (AR1004i) :.12mm thick cement plaster (1:6) over Brick work in outside. - 12mm thick cement plaster (1:6) over Brick work in outside including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc. comp.and as per direction of Engineer-in-charge.	-	21.090374545	Sqm
i)	BRM340 : Cement	0.0358	0.755035408711	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.316355618175	1 Cum
12	Other Building Items. (AR1901A) :.Supplying, fitting and fixing vitrified tile in floors of size 600mm x 600mm of approved make conforming to IS :13755 with application of polymer modified quick set cement based water resistant adhesive conforming to IS :15477 of 3mm thick bed and fillin - Supplying, fitting and fixing Vitrified Tile 600mmx600mm Plain (Ivory) of approved make conforming to IS :13755 with application of polymer modified quick set cement based water resistant adhesive conforming to IS :15477 of 3mm thick bed and filling joints with white cement of approved quality including cost of all materials, labour ,T&P,etc. required for the work all complete as per direction of Engineer-in-Charge(for repair work only)	-	57.13717054395	Sqm
i)	BRM174 : White Cement.	0.0076	0.43424249613402	1Qntl
ii)	BRM131 : Tiles up to Polished Vitrified floor tiles of premium grade having thickness 8 mm to 10mm conforming to IS 15622:2006 (Group-B la) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)	1	57.13717054395	1 Sqm.
13	Flooring (AR0817b) :.Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) - Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) in wall cladding on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.	-	9.104494	Sqm
i)	BRM129 : Tiles up to 20cmx30cm / 20cm x 20cm special plain /printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753	1	9.104494	1 Sqm.
ii)	BRM340 : Cement	0.1375	1.251867925	1 Qntl.

iii)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.13656741	1 Cum
14	Painting(AR0920ak) :.Finishing wall two coats with plastic emulsion paint of approved shades with one coat oilbound Primer on new work (Inside)(For repair and maintenance). - Finishing wall two coats with plastic emulsion paint of approved shades with one coat oilbound 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)(For repair and maintenance).	-	108.797495561	Sqm
i)	BRM140 : Plastic Emulsion paint	0.125	13.599686945125	1 Litre
ii)	BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	9.138989627124	1 Ltr
15	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.	-	50.651180115	Sqm
16	Painting(AR0918cb) :.Finishing wall two coats with weather coat with one coat waterbound Primer - Finishing wall two coats with weather coat with one coat waterbound 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)	-	125.0005405656	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.125	15.6250675707	1 Ltr
ii)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.090322580645161	11.290371405925	1 Ltr

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	0.644136408	1 Cum	70.25	45.250582662
2	BRM028	3.8393689245139	1 Cum	70.25	269.7156669471
3	BRM045	1.64898920448	1 Cum.	239.5	394.93291447296
4	BRM005	1742.869625924	1000 Nos	0.04025	70.150502443441
5	BRM060	0.51226997486976	1 Cum.	344.5	176.47700634263
6	BRM052	0.76840496230464	1 Cum.	344.5	264.71550951395
Total:					1221.2421823821

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for PH Work @ Rs. 11916	Rs. 11916
2	Display Citizen Board @ Rs. 2000	Rs. 2000
Total Addition Component Amount (in Rs.):		13916

DEDUCTION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Royalty @ Rs. 598.7794619604	Rs. 599

2	Additional Royalty @ Rs. 532.64580112762	Rs. 533
3	EMF @ Rs. 29.93897309802	Rs. 30
4	DMF @ Rs. 59.87794619604	Rs. 60
5	Empty Gunny Bag (Cement x Gunny Bag Rate : 0 x 3.945) @ 153.855	Rs. 153.855
6	Labour Cess @ 1%	Rs. 3000
7	Any Other Lumpsum Bill @ Rs. 6000	Rs. 6000
Total Deduction Component Amount (in Rs.): 10375.855		

Total Net Amount (in Rs.): 289623.03686986