

ESTIMATION DPR							
State	Odisha	District	Ganjam	Block	Kukudakhandi	Gram Panchayat	Dakhinapur

Work Code	OD/354/3378/117862/412577/00064287 (COMPLETION OF INCOMPLETE AWC-I BUILDING AT DAKHINAPUR)						
Project Category	Building						

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Kukudakhandi	Proposal Date	07-07-2025
Date of Commencement	15-11-2025	Date of Completion	16-01-2026
Scheme Name	Asset Management Women and Child Development Department	Scheme Component Name	Self/Personal Deposit
Project Sub-Category	AWC	Project Type	New Work
Name of Executant	ASWIN SUBUDHI		

Administrative Approval Details

Approval No.	OD/354/3378/117862/412577/00064287/AS
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Technical Sanction Details

Technical Sanction No.	OD/354/3378/117862/412577/00064287/TS
Fund Sanction No.	8405
Fund Sanction Amount (in Rs.)	200000

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
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1	<p>Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift - 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</p>	Cum	1.296	240.77592	6063.6464652686
2	<p>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.</p>	Cum	1.764	804.488432	6063.6464652686

3	<p>Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal - Cement concrete (1:3:6) with 4 cm. hard granite(Crusher Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge.</p>	Cum	0.459	5461.04190786	6063.6464652686
4	<p>Earth Work (AR0114) : Filling of foundation with escalated earth - Filling in foundation and plinth with excavated materials in ordinary soil including watering and ramming as directed by the Engineer-in-charge.</p>	Cum	0.496125	99.54497784	6063.6464652686

5	<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	1.104	396.30846153846	6063.6464652686
6	<p>Dismantling (AR1603) : Dismantling brick or stone masonry under 3m. - Dismantling brick or stone masonry in lime or cement mortar under 3m. height including stacking the useful materials for reuse and removing the debris within 50m. Lead and as per direction of Engineer-in-Charge.</p>	Cum	0.44436	1401.5088339223	6063.6464652686

7	<p>Flooring (AR0817b) : Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) - Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) in wall cladding on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.</p>	Sqm	6.075	881.780820776	6063.6464652686
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8	<p>Flooring (AR0817aa) : Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) - Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the Vitrified tiles including rubbing and polishing complete including cost of precast tiles.</p>	Sqm	5.562	1531.715820776	6063.6464652686
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9	<p>Flooring (AR0816) : Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor - Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1 (1cement: 1sand) jointed with neat cement slurry mixed with pigment to match the shades of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.</p>	Sqm	1.44	1196.8379695668	6063.6464652686
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10	<p>R.C.C. Work (AR0404Ab) : 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Plinth band)</p>	Cum	0.214774	6825.3375022724	6063.6464652686
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11	<p>R.C.C. Work (AR0404Ag) : 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, landing, balcony, sun shade)</p>	Cum	0.493725	12375.705611362	6063.6464652686
12	<p>Plastering (AR1004) : 12mm thick cement plaster (1:6) over Brick work in inside - 12mm thick cement plaster (1:6) over Brick work in inside including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc. comp.and as per direction of Engineer-in-charge.</p>	Sqm	9.3885	172.0700273572	6063.6464652686

13	<p>Plastering (AR1014) : 16mm thick cement Plaster in CM (1:6) over brick work in inside. - 16mm thick cement Plaster in CM (1:6) over brick work in inside including racking out joints finishing smooth with proper plumb and line, curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc comp.and as per direction of Engineer-in-charge.</p>	Sqm	15.504	246.766923062	6063.6464652686
14	<p>Masonry Brick Work (AR0603c) : Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth - Brickwork with Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth having crushing strength not less than 75.00 Kg/cm² with dimensional tolerance ±8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.</p>	Cum	3.010066	5046.595052448	6063.6464652686

15	<p>Painting (AR0920) : Finishing wall two coats with plastic emulsion paint of approved shades on new work (Inside) - Finishing wall two coats with plastic emulsion paint of approved shades on new work to give an even shade including all costs of labor, Paint and Brushes required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)</p>	Sqm	144.2534	94.76013415	6063.6464652686
16	<p>Painting (AR0903i) : Painting two coats of enamel paint in outer surface paint (outer surface) - Painting two coats of enamel paint in outer surface paint including all costs of labour, Paint and brushes required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)</p>	Sqm	24.288	164.23523221452	6063.6464652686

17	<p>Other Building Items. (AR1909) : Al. door with OEL anodized Al. door section of 9202 as vertical member - Providing fitting, fixing of Al. door with OEL anodized Al. door section of 9202 as vertical member, 9201 as top member and 9200 as bottom and middle member and 12mm thick pre-laminated board fixed on door frame by means of tapered clip No. 4660 and the frame to be completed by means of jointing angle No.1855 including all cost of labour,T&P , hire charges of drilling machine, labour charges etc. complete. and as per direction of Engineer in Charge</p>	Sqm	1.188	6754.6533798472	6063.6464652686
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18	<p>Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum - 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&P required for the work etc. complete as per specificaion and direction of Engineer-in charge.</p>	Cum	1.3078	6982.27006882	6063.6464652686
19	<p>Other Building Items. (AR1901B) : Vitrified Tile 600mmx600mm Plain Ivory - Supplying, fitting & fixing Vitrified Tile 600mmx600mm Plain Ivory in floors of size 600mm x 600 mm of approved make conforming IS:13755 laid on 20 mm thick cement mortar(1:4)and filling joints with white cement of approved quality including cost of all materials, taxes, labour, T&P , etc. required for the work all complete as per direction of Engineer-in-charge(for new work only)</p>	Sqm	52.7818	1010.7855400846	6063.6464652686

20	<p>miscellaneous (ARM287) : Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC - Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018. (New miscellaneous items) and as directed by Engineer-in-Charge.</p>	Sqm	22.8	630.5826	6063.6464652686
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21	<p>miscellaneous (ARM295) : Supplying, fitting and fixing of 5.5mm thick hexagonal Aluminum jally in windows as single groove, double groove and tapered clip as horizontal and vertical members for fixing of aluminum jally and jointing angle conforming to standard Aluminium sections -</p> <p>Supplying, fitting and fixing of 5.5mm thick hexagonal Aluminum jally in windows as single groove, double groove and tapered clip as horizontal and vertical members for fixing of aluminum jally and jointing angle conforming to standard Aluminium sections etc. complete. (New miscellaneous items) and as directed by Engineer-in-Charge.</p>	Sqm	2.2448	1841	6063.6464652686
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22	<p>Painting (AR0918c) : Finishing wall with two coat water proofing cement paint including one coat cement wash on the outer surface of approved shade on new work (Outside) - Finishing wall with two coat water proofing cement paint including one coat cement wash on the outer surface of approved shade on new 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	104.72	57.903423083161	6063.6464652686
Total Amount (in Rs.): 161894.21867034					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	<p>Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift - 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</p>	-	1.296	Cum

	i	Un-Skilled	0.516	0.668736	-
2		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.	-	1.764	Cum
	i	Un-Skilled	0.1236	0.2180304	-
3		Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal - Cement concrete (1:3:6) with 4 cm. hard granite(Crusher Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge.	-	0.459	Cum
	i	Skilled	0.18	0.08262	-
	ii	Un-Skilled	3.9	1.7901	-

4	<p>Earth Work (AR0114) : Filling of foundation with escalated earth - Filling in foundation and plinth with excavated materials in ordinary soil including watering and ramming as directed by the Engineer-in-charge.</p>	-	0.496125	Cum
i	Un-Skilled	0.213332	0.1058393385	-
5	<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>	-	1.104	Sqm
i	Un-Skilled	0.61538461538462	0.67938461538462	-
ii	Skilled	0.19230769230769	0.21230769230769	-
6	<p>Dismantling (AR1603) : Dismantling brick or stone masonry under 3m. - Dismantling brick or stone masonry in lime or cement mortar under 3m. height including stacking the useful materials for reuse and removing the debris within 50m. Lead and as per direction of Engineer-in-Charge.</p>	-	0.44436	Cum

	i	Un-Skilled	3.0035335689046	1.3346501766784	-
7		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.	-	6.075	Sqm
	i	Un-Skilled	0.325	1.974375	-
	ii	Highly-Skilled	0.325	1.974375	-

8	Flooring (AR0817aa) : Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) - Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the Vitrified tiles including rubbing and polishing complete including cost of precast tiles.	-	5.562	Sqm
i	Highly-Skilled	0.325	1.80765	-
ii	Un-Skilled	0.325	1.80765	-
iii	Semi-Skilled	0.76	4.22712	-

9	<p>Flooring (AR0816) : Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor - Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1 (1cement: 1sand) jointed with neat cement slurry mixed with pigment to match the shades of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in- charge.</p>	-	1.44	Sqm
i	Un-Skilled	0.216	0.31104	-
ii	Highly-Skilled	0.216	0.31104	-
iii	Semi-Skilled	0.55	0.792	-

10	R.C.C. Work (AR0404Ab) : 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Plinth band)	-	0.214774	Cum
i	Un-Skilled	1.3333	0.2863581742	-
ii	Skilled	0.35	0.0751709	-
iii	Semi-Skilled	0.3073	0.0660000502	-

11	R.C.C. Work (AR0404Ag) : 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, landing, balcony, sun shade)	-	0.493725	Cum
i	Un-Skilled	1.3333	0.6582835425	-
ii	Skilled	3.15525	1.55782580625	-
iii	Semi-Skilled	3.11255	1.53674374875	-

12	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.	-	9.3885	Sqm
i	Un-Skilled	0.12	1.12662	-
ii	Skilled	0.14	1.31439	-
13	Plastering (AR1014) : 16mm thick cement Plaster in CM (1:6) over brick work in inside. - 16mm thick cement Plaster in CM (1:6) over brick work in inside including racking out joints finishing smooth with proper plumb and line, curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc comp.and as per direction of Engineer-in-charge.	-	15.504	Sqm
i	Un-Skilled	0.24	3.72096	-
ii	Skilled	0.16	2.48064	-

14	<p>Masonry Brick Work (AR0603c) : Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth - Brickwork with Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth having crushing strength not less than 75.00 Kg/cm² with dimensional tolerance ±8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.</p>	-	3.010066	Cum
i	Un-Skilled	2.96	8.90979536	-
ii	Skilled	1.05	3.1605693	-
iii	Highly-Skilled	0.35	1.0535231	-
15	<p>Painting (AR0920) : Finishing wall two coats with plastic emulsion paint of approved shades on new work (Inside) - Finishing wall two coats with plastic emulsion paint of approved shades on new work to give an even shade including all costs of labor, Paint and Brushes required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)</p>	-	144.2534	Sqm
i	Highly-Skilled	0.054	7.7896836	-

	ii	Un-Skilled	0.064	9.2322176	-
16		Painting (AR0903i) : Painting two coats of enamel paint in outer surface paint (outer surface) - Painting two coats of enamel paint in outer surface paint including all costs of labour, Paint and brushes required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)	-	24.288	Sqm
	i	Highly-Skilled	0.13440860215054	3.2645161290323	-
	ii	Un-Skilled	0.11827956989247	2.8727741935484	-
17		Other Building Items. (AR1909) : Al. door with OEL anodized Al. door section of 9202 as vertical member - Providing fitting, fixing of Al. door with OEL anodized Al. door section of 9202 as vertical member, 9201 as top member and 9200 as bottom and middle member and 12mm thick pre-laminated board fixed on door frame by means of tapered clip No. 4660 and the frame to be completed by means of jointing angle No.1855 including all cost of labour,T&P , hire charges of drilling machine, labour charges etc. complete. and as per direction of Engineer in Charge	-	1.188	Sqm
	i	Un-Skilled	1.38888888888889	1.65	-

	ii	Semi-Skilled	1.0648148148148	1.265	-
	iii	Skilled	0.77777777777778	0.924	-
	iv	Highly-Skilled	0.194444444444444	0.231	-
	v		0.46296296296296	0.55	-
18		Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum - 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&P required for the work etc. complete as per specifaion and direction of Engineer-in charge.	-	1.3078	Cum
	i	Un-Skilled	4.6	6.01588	-
	ii	Skilled	0.68	0.889304	-

19	Other Building Items. (AR1901B) : Vitrified Tile 600mmx600mm Plain Ivory - Supplying, fitting & fixing Vitrified Tile 600mmx600mm Plain Ivory in floors of size 600mm x 600 mm of approved make conforming IS:13755 laid on 20 mm thick cement mortar(1:4)and filling joints with white cement of approved quality including cost of all materials, taxes, labour, T&P , etc. required for the work all complete as per direction of Engineer-in-charge(for new work only)	-	52.7818	Sqm
i	Un-Skilled	0.216	11.4008688	-
ii	Highly-Skilled	0.216	11.4008688	-

20	<p>miscellaneous (ARM287) : Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC -</p> <p>Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018. (New miscellaneous items) and as directed by Engineer-in-Charge.</p>	-	22.8	Sqm
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21	<p>miscellaneous (ARM295) : Supplying, fitting and fixing of 5.5mm thick hexagoanal Aluminum jally in windows as single groove, double groove and tapered clip as horizontal and vertical members for fixing of aluminum jally and jointing angle conforming to standard Aluminium sections - Supplying, fitting and fixing of 5.5mm thick hexagoanal Aluminum jally in windows as single groove, double groove and tapered clip as horizontal and vertical members for fixing of aluminum jally and jointing angle conforming to standard Aluminium sections etc. complete. (New miscellaneous items) and as directed by Engineer-in-Charge.</p>	-	2.2448	Sqm
22	<p>Painting (AR0918c) : Finishing wall with two coat water proofing cement paint including one coat cement wash on the outer surface of approved shade on new work (Outside) - Finishing wall with two coat water proofing cement paint including one coat cement wash on the outer surface of approved shade on new 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>	-	104.72	Sqm
i	Un-Skilled	0.042752688172043	4.4770615053763	-

ii	Highly-Skilled	0.022	2.30384	-
iii	Skilled	0.0080645161290323	0.84451612903226	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	59.240624706188	462	27369.168614259
1	Skilled	11.54134382759	562	6486.2352311056
2	Highly-Skilled	30.136496629032	612	18443.535936968
3	Semi-Skilled	7.88686379895	512	4038.0742650624
4		0.55	50	27.5
Total: 56364.514047394				

MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Earth Work (AR0102aa) :.Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift - 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	-	1.296	Cum

2	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.	-	1.764	Cum
i)	BRM029 : Sand for filling and road blinding	1	1.764	1 Cum
3	Concrete (AR0303) :.Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal - Cement concrete (1:3:6) with 4 cm. hard granite(Crusher Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge.	-	0.459	Cum
i)	BRM340 : Cement	2.29	1.05111	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	0.22032	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	0.44064	1 Cum.
4	Earth Work (AR0114) :.Filling of foundation with escalated earth - Filling in foundation and plinth with excavated materials in ordinary soil including watering and ramming as directed by the Engineer-in-charge.	-	0.496125	Cum

5	<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>	-	1.104	Sqm
6	<p>Dismantling (AR1603) :.Dismantling brick or stone masonry under 3m. - Dismantling brick or stone masonry in lime or cement mortar under 3m. height including stacking the useful materials for reuse and removing the debris within 50m. Lead and as per direction of Engineer-in-Charge.</p>	-	0.44436	Cum
7	<p>Flooring (AR0817b) :.Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) - Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) in wall cladding on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.</p>	-	6.075	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	6.075	1 Sqm.
ii)	BRM340 : Cement	0.1375	0.8353125	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.091125	1 Cum
8	Flooring (AR0817aa) : Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) - Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the Vitrified tiles including rubbing and polishing complete including cost of precast tiles.	-	5.562	Sqm
i)	BRM131 : Tiles up to Polished Vitrified floor tiles of premium grade having thickness 8 mm to 10mm confirming to IS 15622:2006 (Group-B la) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)	1	5.562	1 Sqm.
ii)	BRMMR0027 : Wax Polish	1	5.562	1 Sqm
iii)	BRM340 : Cement	0.1375	0.764775	1 Qntl.
iv)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.08343	1 Cum

9	<p>Flooring (AR0816) :.Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor - Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1 (1cement: 1sand) jointed with neat cement slurry mixed with pigment to match the shades of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.</p>	-	1.44	Sqm
i)	BRMMR0027 : Wax Polish	1	1.44	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	1.44	1 Sqm.
iii)	BRM340 : Cement	0.2737	0.394128	1 Qntl.
iv)	BRM028 : Screened and washed sharp sand for mortar	0.013	0.01872	1 Cum

10	R.C.C. Work (AR0404Ab) :.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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Plinth band)	-	0.214774	Cum
i)	BRM340 : Cement	3.4733	0.7459745342	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.0966483	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	0.07731864	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	0.11597796	1 Cum.
v)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.01335	0.0028672329	1Cum.
vi)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.63	0.13530762	1Mtr.

11	<p>R.C.C. Work (AR0404Ag) :.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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, landing, balcony, sun shade)</p>	-	0.493725	Cum
i)	BRM340 : Cement	3.4733	1.7148550425	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.22217625	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	0.177741	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	0.2666115	1 Cum.
v)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	6.2216	3.07175946	1Mtr
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0502172	0.02479348707	1Cum.

12	Plastering (AR1004) :.12mm thick cement plaster (1:6) over Brick work in inside - 12mm thick cement plaster (1:6) over Brick work in inside including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc. comp.and as per direction of Engineer-in-charge.	-	9.3885	Sqm
i)	BRM340 : Cement	0.0358	0.3361083	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.1408275	1 Cum
13	Plastering (AR1014) :.16mm thick cement Plaster in CM (1:6) over brick work in inside. - 16mm thick cement Plaster in CM (1:6) over brick work in inside including racking out joints finishing smooth with proper plumb and line, curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc comp. and as per direction of Engineer-in-charge.	-	15.504	Sqm
i)	BRM340 : Cement	0.043	0.666672	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	0.279072	1 Cum

14	<p>Masonry Brick Work (AR0603c) :.Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth - Brickwork with Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth having crushing strength not less than 75.00 Kg/cm2 with dimensional tolerance ±8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.</p>	-	3.010066	Cum
i)	<p>BRM006 : Fly ash bricks of 23 Cm. x 11 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm2 with dimensional tolerance ± 2 %</p>	400	1204.0264	1000 Nos
ii)	<p>BRM340 : Cement</p>	0.672	2.022764352	1 Qntl.
iii)	<p>BRM028 : Screened and washed sharp sand for mortar</p>	0.28	0.84281848	1 Cum
15	<p>Painting(AR0920) :.Finishing wall two coats with plastic emulsion paint of approved shades on new work (Inside) - Finishing wall two coats with plastic emulsion paint of approved shades on new work to give an even shade including all costs of labor, Paint and Brushes required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)</p>	-	144.2534	Sqm
i)	<p>BRM140 : Plastic Emulsion paint</p>	0.125	18.031675	1 Litre

16	Painting(AR0903i) :.Painting two coats of enamel paint in outer surface paint (outer surface) - Painting two coats of enamel paint in outer surface paint including all costs of labour, Paint and brushes required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)	-	24.288	Sqm
i)	BRM141 : Enamel paint	0.125	3.036	1 Litre
17	Other Building Items. (AR1909) :.Al. door with OEL anodized Al. door section of 9202 as vertical member - Providing fitting, fixing of Al. door with OEL anodized Al. door section of 9202 as vertical member, 9201 as top member and 9200 as bottom and middle member and 12mm thick pre-laminated board fixed on door frame by means of tapered clip No. 4660 and the frame to be completed by means of jointing angle No.1855 including all cost of labour,T&P , hire charges of drilling machine, labour charges etc. complete. and as per direction of Engineer in Charge	-	1.188	Sqm
i)	BRM281 : Prelaminated particle board (standard type) (I.S.I.) 12mm	1.1018518518519	1.309	Sqm
ii)	BRMMR0008 : Hire charges of drills machine	0.694444444444444	0.825	Day
iii)	BRMMR0018 : 6-Level mortice lock	0.46296296296296	0.55	Each
iv)	BRMMR0017 : Handle	0.92592592592593	1.1	Each
v)	BRMMR0016 : Door Stopper	0.46296296296296	0.55	Each
vi)	BRMMR0011 : U rubber beading	8.4675925925926	10.0595	Mtr
vii)	BRMMR0015 : 4 Anodised Al. Hinges	1.8518518518519	2.2	Each

viii)	BRM304 : Aluminium extruded section	11.821805555556	14.044305	kg
18	Concrete (AR0307) :Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum - 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&P required for the work etc. complete as per specificaion and direction of Engineer-in charge.	-	1.3078	Cum
i)	BRM340 : Cement	3.23	4.224194	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.58851	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)	0.9	1.17702	1 Cum.
19	Other Building Items. (AR1901B) :.Vitrified Tile 600mmx600mm Plain Ivory - Supplying, fitting & fixing Vitrified Tile 600mmx600mm Plain Ivory in floors of size 600mm x 600 mm of approved make conforming IS:13755 laid on 20 mm thick cement mortar(1:4)and filling joints with white cement of approved quality including cost of all materials, taxes, labour, T&P , etc. required for the work all complete as per direction of Engineer-in-charge(for new work only)	-	52.7818	Sqm
i)	BRM174 : White Cement.	0.0076	0.40114168	1Qntl

ii)	BRM340 : Cement	0.1074	5.66876532	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.021	1.1084178	1 Cum
iv)	BRM131 : Tiles up to Polished Vitrified floor tiles of premium grade having thickness 8 mm to 10mm confirming to IS 15622:2006 (Group-B la) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)	1	52.7818	1 Sqm.
20	miscellaneous(ARM287) :.Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC - Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018. (New miscellaneous items) and as directed by Engineer-in-Charge.	-	22.8	Sqm
i)	BRM029 : Sand for filling and road blinding	0.03	0.684	1 Cum
ii)	BRMM287 : Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018. (New miscellaneous items)	1	22.8	1 Sqm

21	<p>miscellaneous(ARM29 5) :.Supplying, fitting and fixing of 5.5mm thick hexagoanal Aluminum jally in windows as single groove, double groove and tapered clip as horizontal and vertical members for fixing of aluminum jally and jointing angle conforming to standard Aluminium sections - Supplying, fitting and fixing of 5.5mm thick hexagoanal Aluminum jally in windows as single groove, double groove and tapered clip as horizontal and vertical members for fixing of aluminum jally and jointing angle conforming to standard Aluminium sections etc. complete. (New miscellaneous items) and as directed by Engineer-in-Charge.</p>	-	2.2448	Sqm
i)	<p>BRMM295 : Supplying, fitting and fixing of 5.5mm thick hexagoanal Aluminum jally in windows as single groove, double groove and tapered clip as horizontal and vertical members for fixing of aluminum jally and jointing angle conforming to standard Aluminium sections etc. complete. (New miscellaneous items)</p>	1	2.2448	1 Sqm

22	Painting(AR0918c) :.Finishing wall with two coat water proofing cement paint including one coat cement wash on the outer surface of approved shade on new work (Outside) - Finishing wall with two coat water proofing cement paint including one coat cement wash on the outer surface of approved shade on new 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)	-	104.72	Sqm
i)	BRM143 : Cement paint	0.25	26.18	1 Kg.
ii)	BRM340 : Cement	0.010763440860215	1.1271475268817	1 Qntl.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	2.448	1 Cum	534.17	1307.64816
2	BRM340	19.551806575582	1 Qntl.	598.962	11710.789170124
3	BRM028	3.69206533	1 Cum	537.54	1984.6327974882
4	BRM044	0.44064	1 Cum.	1336.36	588.8536704
5	BRM129	6.075	1 Sqm.	416.4375001	2529.8578131075
6	BRM131	58.3438	1 Sqm.	662.3175001	38642.119762334
7	BRMMR0027	7.002	1 Sqm	8.5	59.517
8	BRM130	1.44	1 Sqm.	461.3175001	664.297200144
9	BRM060	0.25505964	1 Cum.	1748.88	446.0687032032
10	BRM052	0.38258946	1 Cum.	1723.4	659.354675364
11	BRM104	0.02766071997	1Cum.	58620.646	1621.4892734665
12	BRM092	0.13530762	1Mtr.	276.666	37.43501799492
13	BRM084	3.07175946	1Mtr	297.726	914.54265698796
14	BRM006	1204.0264	1000 Nos	5.36398	6458.373529072
15	BRM140	18.031675	1 Litre	249.64732	4501.559338861
16	BRM141	3.036	1 Litre	205.64732	624.34526352
17	BRM281	1.309	Sqm	710.82	930.46338
18	BRMMR0008	0.825	Day	100	82.5

19	BRMMR0018	0.55	Each	600	330
20	BRMMR0017	1.1	Each	62.5	68.75
21	BRMMR0016	0.55	Each	25	13.75
22	BRMMR0011	10.0595	Mtr	15	150.8925
23	BRMMR0015	2.2	Each	39	85.8
24	BRM304	14.044305	kg	297.97	4184.78156085
25	BRM056	1.17702	1 Cum.	1737.73	2045.3429646
26	BRM174	0.40114168	1Qntl	2047.912	821.50286017216
27	BRMM287	22.8	1 Sqm	608.4	13871.52
28	BRMM295	2.2448	1 Sqm	1841	4132.6768
29	BRM143	26.18	1 Kg.	48.13732	1260.2350376
Total: 100729.09913529					

ROYALTY STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Earth Work (AR0102aa) :.Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift - 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	-	1.296	Cum
2	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.	-	1.764	Cum

i)	BRM029 : Sand for filling and road blinding	1	1.764	1 Cum
3	Concrete (AR0303) :.Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal - Cement concrete (1:3:6) with 4 cm. hard granite(Crusher Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge.	-	0.459	Cum
i)	BRM340 : Cement	2.29	1.05111	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	0.22032	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	0.44064	1 Cum.
4	Earth Work (AR0114) :.Filling of foundation with escalated earth - Filling in foundation and plinth with excavated materials in ordinary soil including watering and ramming as directed by the Engineer-in-charge.	-	0.496125	Cum
5	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.	-	1.104	Sqm

6	<p>Dismantling (AR1603) :.Dismantling brick or stone masonry under 3m. - Dismantling brick or stone masonry in lime or cement mortar under 3m. height including stacking the useful materials for reuse and removing the debris within 50m. Lead and as per direction of Engineer-in-Charge.</p>	-	0.44436	Cum
7	<p>Flooring (AR0817b) :.Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) - Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) in wall cladding on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.</p>	-	6.075	Sqm
i)	<p>BRM129 : Tiles up to 20cmx30cm / 20cm x 20cm special plain /printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753</p>	1	6.075	1 Sqm.
ii)	<p>BRM340 : Cement</p>	0.1375	0.8353125	1 Qntl.
iii)	<p>BRM028 : Screened and washed sharp sand for mortar</p>	0.015	0.091125	1 Cum

8	<p>Flooring (AR0817aa) :.Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) - Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the Vitrified tiles including rubbing and polishing complete including cost of precast tiles.</p>	-	5.562	Sqm
i)	<p>BRM131 : Tiles up to Polished Vitrified floor tiles of premium grade having thickness 8 mm to 10mm confirming to IS 15622:2006 (Group-B la) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)</p>	1	5.562	1 Sqm.
ii)	<p>BRM340 : Cement</p>	0.1375	0.764775	1 Qntl.
iii)	<p>BRM028 : Screened and washed sharp sand for mortar</p>	0.015	0.08343	1 Cum

9	<p>Flooring (AR0816) :.Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor - Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1 (1cement: 1sand) jointed with neat cement slurry mixed with pigment to match the shades of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.</p>	-	1.44	Sqm
i)	<p>BRM130 : Tiles up to 30cm x 30cm / 40cm x 40cm special plain / printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755</p>	1	1.44	1 Sqm.
ii)	<p>BRM340 : Cement</p>	0.2737	0.394128	1 Qntl.
iii)	<p>BRM028 : Screened and washed sharp sand for mortar</p>	0.013	0.01872	1 Cum

10	R.C.C. Work (AR0404Ab) :.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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Plinth band)	-	0.214774	Cum
i)	BRM340 : Cement	3.4733	0.7459745342	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.0966483	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	0.07731864	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	0.11597796	1 Cum.
v)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.01335	0.0028672329	1Cum.
vi)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.00307	0.00065935618	1Mtr.

11	<p>R.C.C. Work (AR0404Ag) :.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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, landing, balcony, sun shade)</p>	-	0.493725	Cum
i)	BRM340 : Cement	3.4733	1.7148550425	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.22217625	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	0.177741	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	0.2666115	1 Cum.
v)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.076659	0.037848464775	1Mtr
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0502172	0.02479348707	1Cum.

12	Plastering (AR1004) ::12mm thick cement plaster (1:6) over Brick work in inside - 12mm thick cement plaster (1:6) over Brick work in inside including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc. comp.and as per direction of Engineer-in-charge.	-	9.3885	Sqm
i)	BRM340 : Cement	0.0358	0.3361083	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.1408275	1 Cum
13	Plastering (AR1014) ::16mm thick cement Plaster in CM (1:6) over brick work in inside. - 16mm thick cement Plaster in CM (1:6) over brick work in inside including racking out joints finishing smooth with proper plumb and line, curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc comp. and as per direction of Engineer-in-charge.	-	15.504	Sqm
i)	BRM340 : Cement	0.043	0.666672	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	0.279072	1 Cum

14	<p>Masonry Brick Work (AR0603c) :.Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth - Brickwork with Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth having crushing strength not less than 75.00 Kg/cm² with dimensional tolerance ±8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.</p>	-	3.010066	Cum
i)	<p>BRM006 : Fly ash bricks of 23 Cm. x 11 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm² with dimensional tolerance ± 2 %</p>	400	1204.0264	1000 Nos
ii)	<p>BRM340 : Cement</p>	0.672	2.022764352	1 Qntl.
iii)	<p>BRM028 : Screened and washed sharp sand for mortar</p>	0.28	0.84281848	1 Cum
15	<p>Painting(AR0920) :.Finishing wall two coats with plastic emulsion paint of approved shades on new work (Inside) - Finishing wall two coats with plastic emulsion paint of approved shades on new work to give an even shade including all costs of labor, Paint and Brushes required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)</p>	-	144.2534	Sqm
i)	<p>BRM140 : Plastic Emulsion paint</p>	0.125	18.031675	1 Litre

16	<p>Painting(AR0903i) :.Painting two coats of enamel paint in outer surface paint (outer surface) - Painting two coats of enamel paint in outer surface paint including all costs of labour, Paint and brushes required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)</p>	-	24.288	Sqm
i)	BRM141 : Enamel paint	0.125	3.036	1 Litre
17	<p>Other Building Items. (AR1909) :.Al. door with OEL anodized Al. door section of 9202 as vertical member - Providing fitting, fixing of Al. door with OEL anodized Al. door section of 9202 as vertical member, 9201 as top member and 9200 as bottom and middle member and 12mm thick pre-laminated board fixed on door frame by means of tapered clip No. 4660 and the frame to be completed by means of jointing angle No.1855 including all cost of labour,T&P , hire charges of drilling machine, labour charges etc. complete. and as per direction of Engineer in Charge</p>	-	1.188	Sqm

18	<p>Concrete (AR0307) :.Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum - 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&P required for the work etc. complete as per specifaion and direction of Engineer-in charge.</p>	-	1.3078	Cum
i)	BRM340 : Cement	3.23	4.224194	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.58851	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)	0.9	1.17702	1 Cum.
19	<p>Other Building Items. (AR1901B) :.Vitrified Tile 600mmx600mm Plain Ivory - Supplying, fitting & fixing Vitrified Tile 600mmx600mm Plain Ivory in floors of size 600mm x 600 mm of approved make conforming IS:13755 laid on 20 mm thick cement mortar(1:4)and filling joints with white cement of approved quality including cost of all materials, taxes, labour, T&P , etc. required for the work all complete as per direction of Engineer-in-charge(for new work only)</p>	-	52.7818	Sqm
i)	BRM174 : White Cement.	0.0076	0.40114168	1Qntl
ii)	BRM340 : Cement	0.1074	5.66876532	1 Qntl.

iii)	BRM028 : Screened and washed sharp sand for mortar	0.021	1.1084178	1 Cum
iv)	BRM131 : Tiles up to Polished Vitrified floor tiles of premium grade having thickness 8 mm to 10mm confirming to IS 15622:2006 (Group-B la) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)	1	52.7818	1 Sqm.
20	miscellaneous(ARM28 7) :.Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC - Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018. (New miscellaneous items) and as directed by Engineer-in-Charge.	-	22.8	Sqm
i)	BRM029 : Sand for filling and road blinding	0.03	0.684	1 Cum

21	<p>miscellaneous(ARM29 5) :.Supplying, fitting and fixing of 5.5mm thick hexagoanal Aluminum jally in windows as single groove, double groove and tapered clip as horizontal and vertical members for fixing of aluminum jally and jointing angle conforming to standard Aluminium sections - Supplying, fitting and fixing of 5.5mm thick hexagoanal Aluminum jally in windows as single groove, double groove and tapered clip as horizontal and vertical members for fixing of aluminum jally and jointing angle conforming to standard Aluminium sections etc. complete. (New miscellaneous items) and as directed by Engineer-in-Charge.</p>	-	2.2448	Sqm
22	<p>Painting(AR0918c) :.Finishing wall with two coat water proofing cement paint including one coat cement wash on the outer surface of approved shade on new work (Outside) - Finishing wall with two coat water proofing cement paint including one coat cement wash on the outer surface of approved shade on new 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>	-	104.72	Sqm
i)	BRM143 : Cement paint	0.25	26.18	1 Kg.
ii)	BRM340 : Cement	0.010763440860215	1.1271475268817	1 Qntl.

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	2.448	1 Cum	205.25	502.452
2	BRM028	3.69206533	1 Cum	205.25	757.7964089825

3	BRM044	0.44064	1 Cum.	269.5	118.75248
4	BRM060	0.25505964	1 Cum.	314.5	80.21625678
5	BRM052	0.38258946	1 Cum.	314.5	120.32438517
6	BRM056	1.17702	1 Cum.	269.5	317.20689
Total: 1896.7484209325					

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for PH Work @ Rs. 15500	Rs. 15500
2	Provision for Contingency @ Rs. 2000	Rs. 2000
3	Display Citizen Board @ Rs. 805	Rs. 805
4	Any Other Lumpsum @ Rs. 14000	Rs. 14000
Total Addition Component Amount (in Rs.): 32305		

Total Net Amount (in Rs.): 194199.21867034