

BILLING DPR							
State	Odisha	District	Mayurbhanj	Block	Kaptipada	Gram Panchayat	Notto
<b>Work Code</b>	OD/365/3497/120207/391217/00048997 (Const of Haldiasahi High School Gate (CR-A/10/25-26))						
<b>Project Category</b>	Other Infrastructure						
<b>Financial Year</b>	2025-26	<b>Execution Level</b>		PS			
<b>Executing Agency</b>	Panchayat Samiti, Kaptipada	<b>Bill Status</b>		Final Bill			
<b>Proposal Date</b>	-	<b>Date of Commencement</b>		19-08-2025			
<b>Date of Completion</b>	20-09-2025	<b>Scheme Name</b>		SFC Devolution of Fund			
<b>Scheme Component Name</b>	5TH SFC DEVOLUTION GRANT TO PANCHAYAT SAMITI	<b>Project Sub-Category</b>		Boundary Wall			
<b>Project Type</b>	New Work	<b>Name of Executant</b>					

### Administrative Approval Details

<b>Approval No.</b>	OD/365/3497/120207/391217/00048997/AS
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### Technical Sanction Details

<b>Technical Sanction No.</b>	OD/365/3497/120207/391217/00048997/TS
<b>Fund Sanction No.</b>	
<b>Fund Sanction Amount (in Rs.)</b>	230000

### ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
1	<b>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 -</b> 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	2.722713	9230.4522362	6063.8696421183
2	<b>Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift -</b> Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per the direction of the Engineer-in-charge	Cum	4.608	240.77592	6063.8696421183

3	<b>Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed -</b> Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T & P required for the work etc. complete and as per direction of Engineer-in charge.	Cum	2.0733	1083.016132	6063.8696421183
4	<b>Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal -</b> Cement concrete (1:3:6) with 4 cm. hard granite(Crusher Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge.	Cum	0.828	6741.4499088	6063.8696421183
5	<b>Plastering (AR1027) : 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping (Inside) -</b> 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside including chipping with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc comp. and as per the direction of the Engineer-in-charge.	Sqm	4.56	198.396159814	6063.8696421183
6	<b>R.C.C. Work (AR0404Aa) : Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite chips -</b> 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 foundation, footing bases of column, mass concrete, pre-cast slabs etc.)	Cum	1.0575	7415.9948563329	6063.8696421183
7	<b>R.C.C. Work (AR0404Ab) : Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite chips -</b> 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)	Cum	0.462	8177.7860721522	6063.8696421183
8	<b>R.C.C. Work (AR0404Ac) : Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite chips -</b> 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 Beams, Column, Girder & Bressmer etc)	Cum	1.70775	15507.17344187	6063.8696421183
9	<b>Plastering (AR1004) : 12mm thick cement plster (1:6) over Brick work in inside -</b> 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.	Sqm	19.64	181.604625196	6063.8696421183

10	<b>Masonry Brick Work (AR0603b) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth</b> - Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth having crushing strength not less than 75.00 Kg/cm2 with dimensional tolerance ±8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.	Cum	0.5775	5405.53218464	6063.8696421183
11	<b>Masonry Brick Work (AR0603bi) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure</b> - 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.	Cum	1.72625	5438.86218464	6063.8696421183
12	<b>Painting (AR0918h) : Finishing wall with two coats weather coat paint of approved shade including one coat of water bound primer in the outer surface of old work(Outside).</b> - Finishing wall with two coats weather coat paint of approved shade including one coat of water bound primer in the outer surface of old work to give an even shade including all costs of labour, Paint, Brushes, and putty required for the work, etc. complete and as per direction of Engineer-in-charge. (Outside)	Sqm	25.34	160.77994275032	6063.8696421183
13	<b>Flooring (AR0816) : Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor</b> - Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1 (1cement: 1sand) jointed with neat cement slurry mixed with pigment to match the shades of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.	Sqm	4.86	1247.709802905	6063.8696421183
<b>Total Amount (in Rs.): 99291.59818284</b>					

## LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	<b>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</b> - 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.	-	2.722713	Qntl
i	Un-Skilled		2.1781704	-
ii	Highly-Skilled		0.8168139	-

iii	Semi-Skilled	0.044	0.119799372	-
2	<b>Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift</b> - Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per the direction of the Engineer-in-charge	-	4.608	Cum
i	Un-Skilled	0.516	2.377728	-
3	<b>Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed</b> - Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T & P required for the work etc. complete and as per direction of Engineer-in charge.	-	2.0733	Cum
i	Un-Skilled	0.1236	0.25625988	-
4	<b>Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal</b> - Cement concrete (1:3:6) with 4 cm. hard granite(Crusher Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge.	-	0.828	Cum
i	Skilled	0.18	0.14904	-
ii	Un-Skilled	3.9	3.2292	-
5	<b>Plastering (AR1027) : 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping (Inside)</b> - 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside including chipping with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc comp. and as per the direction of the Engineer-in-charge.	-	4.56	Sqm
i	Un-Skilled	0.17	0.7752	-
ii	Skilled	0.14	0.6384	-
6	<b>R.C.C. Work (AR0404Aa) : Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite chips</b> - 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 foundation, footing bases of column, mass concrete, pre-cast slabs etc.)	-	1.0575	Cum
i	Un-Skilled	1.3333	1.40996475	-
ii	Skilled	0.175	0.1850625	-
iii	Semi-Skilled	0.1323	0.13990725	-

7	<b>R.C.C. Work (AR0404Ab) : Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite chips</b> - 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)	-	0.462	Cum
i	Un-Skilled	1.3333	0.6159846	-
ii	Skilled	0.35	0.1617	-
iii	Semi-Skilled	0.3073	0.1419726	-
8	<b>R.C.C. Work (AR0404Ac) : Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite chips</b> - 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 Beams, Column, Girder & Bressmer etc)	-	1.70775	Cum
i	Un-Skilled	1.3333	2.276943075	-
ii	Skilled	5.33875	9.1172503125	-
iii	Semi-Skilled	5.29605	9.0443293875	-
9	<b>Plastering (AR1004) : 12mm thick cement plster (1:6) over Brick work in inside</b> - 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.	-	19.64	Sqm
i	Un-Skilled	0.12	2.3568	-
ii	Skilled	0.14	2.7496	-
10	<b>Masonry Brick Work (AR0603b) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth</b> - Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth having crushing strength not less than 75.00 Kg/cm2 with dimensional tolerance $\pm 8$ percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.	-	0.5775	Cum
i	Un-Skilled	2.96	1.7094	-
ii	Skilled	1.05	0.606375	-
iii	Highly-Skilled	0.35	0.202125	-

11	<b>Masonry Brick Work (AR0603bi) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure</b> - 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.	-	1.72625	Cum
i	Un-Skilled	2.96	5.1097	-
ii	Skilled	1.05	1.8125625	-
iii	Highly-Skilled	0.35	0.6041875	-
12	<b>Painting (AR0918h) : Finishing wall with two coats weather coat paint of approved shade including one coat of water bound primer in the outer surface of old work(Outside).</b> - Finishing wall with two coats weather coat paint of approved shade including one coat of water bound primer in the outer surface of old work to give an even shade including all costs of labour, Paint, Brushes, and putty required for the work, etc. complete and as per direction of Engineer-in-charge. (Outside)	-	25.34	Sqm
i	Un-Skilled	0.11776344086022	2.9841255913978	-
ii	Highly-Skilled	0.10776344086022	2.7307255913978	-
13	<b>Flooring (AR0816) : Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor</b> - Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1 (1cement: 1sand) jointed with neat cement slurry mixed with pigment to match the shades of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.	-	4.86	Sqm
i	Un-Skilled	0.216	1.04976	-
ii	Highly-Skilled	0.216	1.04976	-
iii	Semi-Skilled	0.55	2.673	-

Sl.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	26.329236296398	462	12164.107168936
2	Highly-Skilled	5.4036119913978	612	3307.0105387355
3	Semi-Skilled	12.1190086095	512	6204.932408064
4	Skilled	15.4199903125	562	8666.034555625
<b>Total:</b>				<b>30342.08467136</b>

## MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
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1	<b>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</b> - 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.	-	<b>2.722713</b>	Qntl
i)	<b>BRM162</b> : Binding Wire.	0.8	2.1781704	1 Kg.
ii)	<b>BRM341</b> : Steel	1.05	2.85884865	1 Qntl.
2	<b>Earth Work (AR0102aa) :.Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift</b> - Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per the direction of the Engineer-in-charge	-	<b>4.608</b>	Cum
3	<b>Earth Work (AR0115) :.Filling foundation and plinth with sand well watered and rammed</b> - Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T & P required for the work etc. complete and as per direction of Engineer-in charge.	-	<b>2.0733</b>	Cum
i)	<b>BRM029</b> : Sand for filling and road blinding	1	2.0733	1 Cum
4	<b>Concrete (AR0303) :.Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal</b> - Cement concrete (1:3:6) with 4 cm. hard granite(Crusher Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge.	-	<b>0.828</b>	Cum
i)	<b>BRM340</b> : Cement	2.29	1.89612	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	0.39744	1 Cum
iii)	<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	0.79488	1 Cum.
5	<b>Plastering (AR1027) :.6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping (Inside)</b> - 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside including chipping with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc comp. and as per the direction of the Engineer-in-charge.	-	<b>4.56</b>	Sqm
i)	<b>BRM340</b> : Cement	0.0372	0.169632	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.0075	0.0342	1 Cum

6	<b>R.C.C. Work (AR0404Aa) :.Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite chips</b> - 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 foundation, footing bases of column, mass concrete, pre-cast slabs etc.)	-	<b>1.0575</b>	Cum
i)	<b>BRM340</b> : Cement	3.4733	3.67301475	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	0.475875	1 Cum
iii)	<b>BRM060</b> : 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	0.3807	1 Cum.
iv)	<b>BRM052</b> : 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	0.57105	1 Cum.
v)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.004005	0.0042352875	1Cum.
vi)	<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.189	0.1998675	1Mtr.
7	<b>R.C.C. Work (AR0404Ab) :.Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite chips</b> - 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)	-	<b>0.462</b>	Cum
i)	<b>BRM340</b> : Cement	3.4733	1.6046646	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	0.2079	1 Cum
iii)	<b>BRM060</b> : 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	0.16632	1 Cum.
iv)	<b>BRM052</b> : 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	0.24948	1 Cum.
v)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.01335	0.0061677	1Cum.
vi)	<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.63	0.29106	1Mtr.

8	<b>R.C.C. Work (AR0404Ac) :.Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-20 grade with 20mm &amp; 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&amp;P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge. (RCC Beams, Column, Girder &amp; Bressmer etc)</b>	-	<b>1.70775</b>	Cum
i)	<b>BRM340 : Cement</b>	3.4733	5.931528075	1 Qntl.
ii)	<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.45	0.7684875	1 Cum
iii)	<b>BRM060 : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve &amp; retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)</b>	0.36	0.61479	1 Cum.
iv)	<b>BRM052 : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve &amp; retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)</b>	0.54	0.922185	1 Cum.
v)	<b>BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.</b>	4.4196	7.5475719	1Mtr
vi)	<b>BRM104 : Non Sal wood scantling &amp; plants(Tentera, Kasi, Gamhari, Kuruma)</b>	0.041529	0.07092114975	1Cum.
9	<b>Plastering (AR1004) :.12mm thick cement plster (1:6) over Brick work in inside - 12mm thick cement plster (1:6) over Brick work in inside including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T &amp; P required for the work etc. comp.and as per direction of Engineer-in-charge.</b>	-	<b>19.64</b>	Sqm
i)	<b>BRM340 : Cement</b>	0.0358	0.703112	1 Qntl.
ii)	<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.015	0.2946	1 Cum
10	<b>Masonry Brick Work (AR0603b) :.Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth - Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth having crushing strength not less than 75.00 Kg/cm2 with dimensional tolerance <math>\pm 8</math> percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&amp;P required for the work, etc. complete and as per direction of Engineer-in-charge.</b>	-	<b>0.5775</b>	Cum
i)	<b>BRM340 : Cement</b>	0.672	0.38808	1 Qntl.
ii)	<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.28	0.1617	1 Cum
iii)	<b>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 <math>\pm 2</math> %</b>	350	202.125	1000 Nos

11	<b>Masonry Brick Work (AR0603bi) :.Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure -</b> 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.	-	1.72625	Cum
i)	<b>BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK</b>	1	1.72625	1 Cum
ii)	<b>BRM340 : Cement</b>	0.672	1.16004	1 Qntl.
iii)	<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.28	0.48335	1 Cum
iv)	<b>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 %</b>	350	604.1875	1000 Nos
12	<b>Painting(AR0918h) :.Finishing wall with two coats weather coat paint of approved shade including one coat of water bound primer in the outer surface of old work(Outside). -</b> Finishing wall with two coats weather coat paint of approved shade including one coat of water bound primer in the outer surface of old work to give an even shade including all costs of labour, Paint, Brushes, and putty required for the work, etc. complete and as per direction of Engineer-in-charge. (Outside)	-	25.34	Sqm
i)	<b>BRM255 : Weather Coat (I.S.I.)</b>	0.125	3.1675	1 Ltr
ii)	<b>BRM253 : Wall cement primer (I.S.I.) Water bound</b>	0.090322580645161	2.2887741935484	1 Ltr
13	<b>Flooring (AR0816) :.Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor -</b> Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1 (1cement: 1sand) jointed with neat cement slurry mixed with pigment to match the shades of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.	-	4.86	Sqm
i)	<b>BRMMR0027 : Wax Polish</b>	1	4.86	1 Sqm
ii)	<b>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</b>	1	4.86	1 Sqm.
iii)	<b>BRM340 : Cement</b>	0.2737	1.330182	1 Qntl.
iv)	<b>BRM028 : Screened and washed sharp sand for mortar</b>	0.013	0.06318	1 Cum

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM162</b>	2.1781704	1 Kg.	90	196.035336
2	<b>BRM341</b>	2.85884865	1 Qntl.	6861.692	19616.538910916
3	<b>BRM029</b>	2.0733	1 Cum	661.94	1372.400202
4	<b>BRM340</b>	16.856373425	1 Qntl.	674.512	11369.826151644
5	<b>BRM028</b>	2.8867325	1 Cum	668.36	1929.3765337

6	<b>BRM044</b>	0.79488	1 Cum.	1857.16	1476.2193408
7	<b>BRM060</b>	1.16181	1 Cum.	2241.91	2604.6734571
8	<b>BRM052</b>	1.742715	1 Cum.	2244.2	3911.001003
9	<b>BRM104</b>	0.08132413725	1Cum.	59001.126	4798.2156687285
10	<b>BRM092</b>	0.4909275	1Mtr.	657.146	322.611042915
11	<b>BRM084</b>	7.5475719	1Mtr	678.206	5118.8085480114
12	<b>BRM005</b>	806.3125	1000 Nos	6.60035	5321.944709375
13	<b>BRMMR0025</b>	1.72625	1 Cum	33	56.96625
14	<b>BRM255</b>	3.1675	1 Ltr	195.33512	618.7239926
15	<b>BRM253</b>	2.2887741935484	1 Ltr	159.57512	365.23141658839
16	<b>BRMMR0027</b>	4.86	1 Sqm	8.5	41.31
17	<b>BRM130</b>	4.86	1 Sqm.	467.8630561	2273.814452646
<b>Total: 61393.697016024</b>					

## ROYALTY STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Measurement Qty)	Unit
1	<b>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.</b>	-	<b>2.722713</b>	Qntl
i)	<b>BRM341 : Steel</b>	1.05	2.85884865	1 Qntl.
2	<b>Earth Work (AR0102aa) :.Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift - Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per the direction of the Engineer-in-charge</b>	-	<b>4.608</b>	Cum
3	<b>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 &amp; P required for the work etc. complete and as per direction of Engineer-in charge.</b>	-	<b>2.0733</b>	Cum
i)	<b>BRM029 : Sand for filling and road blinding</b>	1	2.0733	1 Cum
4	<b>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&amp;P required for the work etc. complete and as per direction of Engineer-in charge.</b>	-	<b>0.828</b>	Cum

i)	<b>BRM340</b> : Cement	2.29	1.89612	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	0.39744	1 Cum
iii)	<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	0.79488	1 Cum.
5	<b>Plastering (AR1027) :.6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping (Inside) -</b> 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside including chipping with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc comp. and as per the direction of the Engineer-in-charge.	-	<b>4.56</b>	Sqm
i)	<b>BRM340</b> : Cement	0.0372	0.169632	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.0075	0.0342	1 Cum
6	<b>R.C.C. Work (AR0404Aa) :.Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite chips -</b> 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 foundation, footing bases of column, mass concrete, pre-cast slabs etc.)	-	<b>1.0575</b>	Cum
i)	<b>BRM340</b> : Cement	3.4733	3.67301475	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	0.475875	1 Cum
iii)	<b>BRM060</b> : 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	0.3807	1 Cum.
iv)	<b>BRM052</b> : 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	0.57105	1 Cum.
v)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.004005	0.0042352875	1Cum.
vi)	<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.000921	0.0009739575	1Mtr.
7	<b>R.C.C. Work (AR0404Ab) :.Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite chips -</b> 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)	-	<b>0.462</b>	Cum
i)	<b>BRM340</b> : Cement	3.4733	1.6046646	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	0.2079	1 Cum
iii)	<b>BRM060</b> : 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	0.16632	1 Cum.

iv)	<b>BRM052</b> : 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	0.24948	1 Cum.
v)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.01335	0.0061677	1Cum.
vi)	<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.00307	0.00141834	1Mtr.
8	<b>R.C.C. Work (AR0404Ac) :.Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite chips</b> - 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 Beams, Column, Girder & Bressmer etc)	-	<b>1.70775</b>	Cum
i)	<b>BRM340</b> : Cement	3.4733	5.931528075	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	0.7684875	1 Cum
iii)	<b>BRM060</b> : 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	0.61479	1 Cum.
iv)	<b>BRM052</b> : 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	0.922185	1 Cum.
v)	<b>BRM084</b> : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.045339	0.07742767725	1Mtr
vi)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.041529	0.07092114975	1Cum.
9	<b>Plastering (AR1004) :.12mm thick cement plster (1:6) over Brick work in inside</b> - 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.	-	<b>19.64</b>	Sqm
i)	<b>BRM340</b> : Cement	0.0358	0.703112	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.015	0.2946	1 Cum
10	<b>Masonry Brick Work (AR0603b) :.Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth</b> - Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth having crushing strength not less than 75.00 Kg/cm2 with dimensional tolerance ±8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.	-	<b>0.5775</b>	Cum
i)	<b>BRM340</b> : Cement	0.672	0.38808	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.28	0.1617	1 Cum

iii)	<b>BRM005</b> : Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm2 with dimensional tolerance $\pm 2\%$	350	202.125	1000 Nos
11	<b>Masonry Brick Work (AR0603bi) :.Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure</b> - 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 $\pm 8$ percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.	-	<b>1.72625</b>	Cum
i)	<b>BRM340</b> : Cement	0.672	1.16004	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.28	0.48335	1 Cum
iii)	<b>BRM005</b> : Fly ash bricks of 25 Cm. x 12 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm2 with dimensional tolerance $\pm 2\%$	350	604.1875	1000 Nos
12	<b>Painting(AR0918h) :.Finishing wall with two coats weather coat paint of approved shade including one coat of water bound primer in the outer surface of old work(Outside).</b> - Finishing wall with two coats weather coat paint of approved shade including one coat of water bound primer in the outer surface of old work to give an even shade including all costs of labour, Paint, Brushes, and putty required for the work, etc. complete and as per direction of Engineer-in-charge. (Outside)	-	<b>25.34</b>	Sqm
i)	<b>BRM255</b> : Weather Coat (I.S.I.)	0.125	3.1675	1 Ltr
ii)	<b>BRM253</b> : Wall cement primer (I.S.I.) Water bound	0.090322580645161	2.2887741935484	1 Ltr
13	<b>Flooring (AR0816) :.Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor</b> - Fixing ceramic Tiles (30cmx30cm / 40cmx40cm special plain/printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755) in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1 (1cement: 1sand) jointed with neat cement slurry mixed with pigment to match the shades of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.	-	<b>4.86</b>	Sqm
i)	<b>BRM130</b> : Tiles up to 30cm x 30cm / 40cm x 40cm special plain / printed series ceramic floor tiles of premium grade having thickness 7mm to 8mm confirming to IS 13755	1	4.86	1 Sqm.
ii)	<b>BRM340</b> : Cement	0.2737	1.330182	1 Qntl.
iii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.013	0.06318	1 Cum

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	<b>BRM029</b>	2.0733	1 Cum	353.25	732.393225
2	<b>BRM028</b>	2.8867325	1 Cum	353.25	1019.738255625
3	<b>BRM044</b>	0.79488	1 Cum.	579.5	460.63296
4	<b>BRM060</b>	1.16181	1 Cum.	579.5	673.268895
5	<b>BRM052</b>	1.742715	1 Cum.	579.5	1009.9033425
6	<b>BRM005</b>	806.3125	1000 Nos	0.04025	32.454078125

Total: 3928.39075625

#### ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Display Citizen Board @ Rs. 3000	Rs. 3000
2	Any Other Lumpsum @ Rs. 125407	Rs. 125407
3	Contingency @ Rs. 2300	Rs. 2300
<b>Total Addition Component Amount (in Rs.): 130707</b>		

#### DEDUCTION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Contingency @ Rs. 2300	Rs. 2300
2	Royalty @ Rs. 682.744725	Rs. 682.744725
3	Additional Royalty @ Rs. 3143.2343225	Rs. 3143.2343225
4	EMF @ Rs. 34.13723625	Rs. 34.13723625
5	DMF @ Rs. 68.2744725	Rs. 68.2744725
6	Empty Gunny Bag (Cement x Gunny Bag Rate : 3 x 3.945) @ 149.91	Rs. 149.91
7	Labour Cess @ Rs. 2300	Rs. 2300
<b>Total Deduction Component Amount (in Rs.): 8678.30075625</b>		

**Total Net Amount (in Rs.): 221320.29742659**