

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Boudh	<b>Block</b>	Boudh	<b>Gram Panchayat</b>	Brahmanipali

<b>Work Code</b>	OD/349/3329/116780/418473/00015026 ( Construction of VSS Building at Tarabha)
<b>Project Category</b>	Building

<b>Financial Year</b>	2023-24	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Boudh	<b>Proposal Date</b>	-
<b>Date of Commencement</b>	-	<b>Date of Completion</b>	-
<b>Scheme Name</b>	Construction of Vana Suraksha Samiti Building	<b>Scheme Component Name</b>	Construction of Buildings for Vana Suraksha Samiti
<b>Project Sub-Category</b>	Vana Suraksha Samiti Building	<b>Project Type</b>	New Work
<b>Name of Executant</b>			

### Administrative Approval Details

<b>Approval No.</b>	
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### Technical Sanction Details

<b>Technical Sanction No.</b>	
<b>Fund Sanction No.</b>	18342
<b>Fund Sanction Amount (in Rs.)</b>	850000

### ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
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1	<p><b>Earth Work (AR0102a) : Earth work in hard soil or gravelly soil within 50m. Initial lead and 1.5m initial lift</b> - Earth work in hard soil or gravelly soil within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per the direction of the Engineer-in-charge</p>	Cum	29.9609442	196.3036	13641.93896832
2	<p><b>Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed</b> - Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T &amp; P required for the work etc. complete and as per direction of Engineer-in charge.</p>	Cum	24.35020814112	514.258872	13641.93896832

3	<p><b>Concrete (AR0303) :</b>  <b>Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal -</b> Cement concrete (1:3:6) with 4 cm. hard granite(Crusher Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&amp;P required for the work etc. complete and as per direction of Engineer-in charge.</p>	Cum	7.9998184150848	5172.0835884	13641.93896832
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4	<p><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 &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 foundation, footing bases of column, mass concrete, pre-cast slabs etc.)</p>	Cum	4.805219376	5785.9803152201	13641.93896832
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5	<p><b>R.C.C. Work (AR0404Ab) :</b>  <b>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 &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 Plinth band)</p>	Cum	2.2068770854176	6539.8195615482	13641.93896832
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6	<p><b>R.C.C. Work (AR0404Ad) :</b>  <b>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 &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 Lintels)</p>	Cum	1.32944402736	12412.159997233	13641.93896832
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7	<p><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 &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)</p>	Cum	3.21661291584	13741.362085675	13641.93896832
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8	<p><b>R.C.C. Work (AR0404Ae) :</b>  <b>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 &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 Stairs excluding landing but including railing)</p>	Cum	1.13196408	13630.977378262	13641.93896832
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9	<p><b>R.C.C. Work (AR0404Ag) :</b>  <b>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 &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 Roof slab, landing, balcony, sun shade)</p>	Cum	4.6843448110464	12033.521620637	13641.93896832
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10	<p><b>R.C.C. Work (AR0409) :</b>  <b>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.</p>	Qntl	17.36	8777.6852851	13641.93896832
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11	<p><b>Masonry Brick Work (AR0603b) :</b>  <b>Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth -</b> Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth having crushing strength not less than 75.00 Kg/cm<sup>2</sup> with dimensional tolerance <math>\pm 8</math> percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&amp;P required for the work, etc. complete and as per direction of Engineer-in-charge.</p>	Cum	10.81843344	4882.68215972	13641.93896832
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12	<p><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/cm<sup>2</sup> with dimensional tolerance <math>\pm 8</math> percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&amp;P required for the work, etc. complete and as per direction of Engineer-in-charge.</p>	Cum	25.73360841504	4916.01215972	13641.93896832
13	<p><b>Plastering (AR1017) : 20mm thick cement Plaster in CM (1:4) over masonry work in inside. -</b> 20mm thick cement Plaster in CM (1:4) over stone work in inside including racking out joints finishing smooth with proper plumb and line, curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T &amp; P required for the work etc comp.and as per direction of Engineer-in-charge.</p>	Sqm	43.4930597068	261.394357344	13641.93896832

14	<b>Plastering (AR1004i) : 12mm thick cement plaster (1:6) over Brick work in outside. - 12mm thick cement plaster (1:6) over Brick work in outside including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T &amp; P required for the work etc. comp.and as per direction of Engineer-in-charge.</b>	Sqm	82.560573525	165.235516008	13641.93896832
<b>Total Amount (in Rs.): 591236.91978007</b>					

#### LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	<b>Earth Work (AR0102a) : Earth work in hard soil or gravelly soil within 50m. Initial lead and 1.5m initial lift - Earth work in hard soil or gravelly soil within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per the direction of the Engineer-in-charge</b>	-	29.9609442	Cum
i	Un-Skilled	0.43	12.883206006	-

2	<p><b>Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed -</b> Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T &amp; P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	24.35020814112	Cum
i	Un-Skilled	0.1236	3.0096857262424	-
3	<p><b>Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal -</b> Cement concrete (1:3:6) with 4 cm. hard granite(Crusher Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&amp;P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	7.9998184150848	Cum
i	Skilled	0.18	1.4399673147153	-
ii	Un-Skilled	3.9	31.199291818831	-

4	<b>R.C.C. Work (AR0404Aa) :</b> <b>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.)	-	4.805219376	Cum
i	Un-Skilled	1.3333	6.4067989940208	-
ii	Skilled	0.175	0.8409133908	-
iii	Semi-Skilled	0.1323	0.6357305234448	-

5	<b>R.C.C. Work (AR0404Ab) :</b> <b>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)	-	2.2068770854176	Cum
i	Un-Skilled	1.3333	2.9424292179873	-
ii	Skilled	0.35	0.77240697989616	-
iii	Semi-Skilled	0.3073	0.67817332834883	-

6	<b>R.C.C. Work (AR0404Ad) :</b> <b>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 Lintels)	-	1.32944402736	Cum
i	Un-Skilled	1.3333	1.7725477216791	-
ii	Skilled	2.34375	3.115884439125	-
iii	Semi-Skilled	2.30105	3.0591171791567	-

7	<b>R.C.C. Work (AR0404Ac) :</b> <b>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)	-	3.21661291584	Cum
i	Un-Skilled	1.3333	4.2887100006895	-
ii	Skilled	5.33875	17.172692204441	-
iii	Semi-Skilled	5.29605	17.035342832934	-

8	<b>R.C.C. Work (AR0404Ae) :</b> <b>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 Stairs excluding landing but including railing)	-	1.13196408	Cum
i	Un-Skilled	1.3333	1.509247707864	-
ii	Skilled	5.05	5.716418604	-
iii	Semi-Skilled	5.0073	5.668083737784	-

9	<b>R.C.C. Work (AR0404Ag) :</b> <b>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 Roof slab, landing, balcony, sun shade)	-	4.6843448110464	Cum
i	Un-Skilled	1.3333	6.2456369365682	-
ii	Skilled	3.15525	14.780278965054	-
iii	Semi-Skilled	3.11255	14.580257441622	-

10	<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.	-	17.36	Qntl
i	Un-Skilled	0.8	13.888	-
ii	Highly-Skilled	0.3	5.208	-
iii	Semi-Skilled	0.044	0.76384	-

11	<b>Masonry Brick Work (AR0603b) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth</b> - Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth having crushing strength not less than 75.00 Kg/cm <sup>2</sup> with dimensional tolerance ±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.	-	10.81843344	Cum
i	Un-Skilled	2.82	30.5079823008	-
ii	Skilled	1.05	11.359355112	-
iii	Highly-Skilled	0.35	3.786451704	-

12	<p><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/cm<sup>2</sup> 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&amp;P required for the work, etc. complete and as per direction of Engineer-in-charge.</p>	-	25.73360841504	Cum
	i Un-Skilled	2.82	72.568775730413	-
	ii Skilled	1.05	27.020288835792	-
	iii Highly-Skilled	0.35	9.006762945264	-
13	<p><b>Plastering (AR1017) : 20mm thick cement Plaster in CM (1:4) over masonry work in inside. -</b> 20mm thick cement Plaster in CM (1:4) over stone work in inside including racking out joints finishing smooth with proper plumb and line, curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T &amp; P required for the work etc comp.and as per direction of Engineer-in-charge.</p>	-	43.4930597068	Sqm

	i	Un-Skilled	0.24	10.438334329632	-
	ii	Skilled	0.16	6.958889553088	-
14		<b>Plastering (AR1004i) : 12mm thick cement plaster (1:6) over Brick work in outside.</b> - 12mm thick cement plster (1:6) over Brick work in outside including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc. comp.and as per direction of Engineer-in- charge.	-	82.560573525	Sqm
	i	Un-Skilled	0.12	9.907268823	-
	ii	Skilled	0.14	11.5584802935	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	207.56791531373	452	93820.697721804
1	Skilled	100.73557569241	552	55606.037782211
2	Semi-Skilled	42.420545043291	502	21295.113611732
3	Highly-Skilled	18.001214649264	602	10836.731218857
<b>Total:</b>				<b>181558.5803346</b>

## MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Measurement Qty)	Unit
1	<b>Earth Work (AR0102a) :-Earth work in hard soil or gravelly soil within 50m. Initial lead and 1.5m initial lift -</b> Earth work in hard soil or gravelly soil within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per the direction of the Engineer-in-charge	-	<b>29.9609442</b>	Cum
2	<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>24.35020814112</b>	Cum
i)	<b>BRM029 : Sand for filling and road blinding</b>	1	24.35020814112	1 Cum
3	<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>7.9998184150848</b>	Cum
i)	<b>BRM340 : Cement</b>	2.29	18.319584170544	1 Qntl.

ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	3.8399128392407	1 Cum
iii)	<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	7.6798256784814	1 Cum.
4	<b>R.C.C. Work (AR0404Aa)</b> :.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 foundation, footing bases of column, mass concrete, pre-cast slabs etc.)	-	<b>4.805219376</b>	Cum
i)	<b>BRM340</b> : Cement	3.4733	16.689968458661	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	2.1623487192	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	1.72987897536	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	2.59481846304	1 Cum.

v)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.004005	0.01924490360088	1Cum.
vi)	<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.189	0.908186462064	1Mtr.
5	<b>R.C.C. Work (AR0404Ab)</b> :.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)	-	<b>2.2068770854176</b>	Cum
i)	<b>BRM340</b> : Cement	3.4733	7.665146180781	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	0.99309468843792	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	0.79447575075034	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	1.1917136261255	1 Cum.

v)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.01335	0.029461809090325	1Cum.
vi)	<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.63	1.3903325638131	1Mtr.
6	<b>R.C.C. Work (AR0404Ad)</b> :.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 Lintels)	-	<b>1.32944402736</b>	Cum
i)	<b>BRM340</b> : Cement	3.4733	4.6175579402295	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	0.598249812312	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	0.4785998498496	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	0.7178997747744	1 Cum.
v)	<b>BRM094</b> : Non-sal bullahs 125mm. mean dia of any length.	3.7695	5.0113392611335	1Mtr.

vi)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0741335	0.098556338802293	1Cum.
7	<b>R.C.C. Work (AR0404Ac)</b> :.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 Beams, Column, Girder & Bressmer etc)	-	<b>3.21661291584</b>	Cum
i)	<b>BRM340</b> : Cement	3.4733	11.172261640587	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	1.447475812128	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	1.1579806497024	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	1.7369709745536	1 Cum.
v)	<b>BRM084</b> : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	4.4196	14.216142442846	1Mtr

vi)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.041529	0.13358271778192	1Cum.
8	<b>R.C.C. Work (AR0404Ae)</b> :.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 Stairs excluding landing but including railing)	-	<b>1.13196408</b>	Cum
i)	<b>BRM340</b> : Cement	3.4733	3.931650839064	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	0.509383836	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	0.4075070688	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	0.6112606032	1 Cum.
v)	<b>BRM094</b> : Non-sal bullahs 125mm. mean dia of any length.	1.17	1.3243979736	1Mtr.

vi)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.04806	0.0544021936848	1Cum.
9	<b>R.C.C. Work (AR0404Ag)</b> :.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)	-	<b>4.6843448110464</b>	Cum
i)	<b>BRM340</b> : Cement	3.4733	16.270134832207	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	2.1079551649709	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	1.6863641319767	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	2.5295461979651	1 Cum.
v)	<b>BRM084</b> : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	6.2216	29.144119676406	1Mtr

vi)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0502172	0.23523468024528	1Cum.
10	<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>17.36</b>	Qntl
i)	<b>BRM162</b> : Binding Wire.	0.8	13.888	1 Kg.
ii)	<b>BRM341</b> : Steel	1.05	18.228	1 Qntl.
11	<b>Masonry Brick Work (AR0603b) :.Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth</b> - Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth having crushing strength not less than 75.00 Kg/cm <sup>2</sup> with dimensional tolerance ±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>10.81843344</b>	Cum
i)	<b>BRM340</b> : Cement	0.672	7.26998727168	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.28	3.0291613632	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	3786.451704	1000 Nos
12	<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>25.73360841504</b>	Cum
i)	<b>BRMMR0025</b> : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK	1	25.73360841504	1 Cum
ii)	<b>BRM340</b> : Cement	0.672	17.292984854907	1 Qntl.
iii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.28	7.2054103562112	1 Cum
iv)	<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	9006.762945264	1000 Nos

13	<b>Plastering (AR1017) :.20mm thick cement Plaster in CM (1:4) over masonry work in inside.</b> - 20mm thick cement Plaster in CM (1:4) over stone work in inside including racking out joints finishing smooth with proper plumb and line, curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc comp.and as per direction of Engineer-in-charge.	-	<b>43.4930597068</b>	Sqm
i)	<b>BRM340</b> : Cement	0.0744	3.2358836421859	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.021	0.9133542538428	1 Cum
14	<b>Plastering (AR1004i) :.12mm thick cement plaster (1:6) over Brick work in outside.</b> - 12mm thick cement plster (1:6) over Brick work in outside including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc. comp.and as per direction of Engineer-in- charge.	-	<b>82.560573525</b>	Sqm
i)	<b>BRM340</b> : Cement	0.0358	2.955668532195	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.015	1.238408602875	1 Cum

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM029</b>	24.35020814112	1 Cum	413.05	10057.85347269
2	<b>BRM340</b>	109.42082836304	1 Qntl.	556.782	60923.547657631
3	<b>BRM028</b>	24.044755448419	1 Cum	417.99	10050.467329884
4	<b>BRM044</b>	7.6798256784814	1 Cum.	1336.36	10263.011843695
5	<b>BRM060</b>	6.254806426439	1 Cum.	1759.78	11007.083253119
6	<b>BRM052</b>	9.3822096396586	1 Cum.	1723.4	16169.300092988
7	<b>BRM104</b>	0.5704826432055	1Cum.	58620.646	33442.061076494

8	<b>BRM092</b>	2.2985190258771	1Mtr.	276.666	635.92206481331
9	<b>BRM094</b>	6.3357372347335	1Mtr.	287.666	1822.5761873669
10	<b>BRM084</b>	43.360262119253	1Mtr	297.726	12909.477399717
11	<b>BRM162</b>	13.888	1 Kg.	90.1	1251.3088
12	<b>BRM341</b>	18.228	1 Qntl.	6505.422	118580.832216
13	<b>BRM005</b>	12793.214649264	1000 Nos	6.1539	78728.163630106
14	<b>BRMMR0025</b>	25.73360841504	1 Cum	33	849.20907769632
<b>Total: 366690.8141022</b>					

## ROYALTY STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	<b>Earth Work (AR0102a) :.Earth work in hard soil or gravelly soil within 50m. Initial lead and 1.5m initial lift - Earth work in hard soil or gravelly soil within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per the direction of the Engineer-in-charge</b>	-	<b>29.9609442</b>	Cum
2	<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>24.35020814112</b>	Cum
i)	<b>BRM029 : Sand for filling and road blinding</b>	1	24.35020814112	1 Cum

3	<p><b>Concrete (AR0303)</b>  <b>:.Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal -</b>  Cement concrete (1:3:6) with 4 cm. hard granite(Crusher Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&amp;P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	<b>7.9998184150848</b>	Cum
i)	<b>BRM340</b> : Cement	2.29	18.319584170544	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	3.8399128392407	1 Cum
iii)	<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	7.6798256784814	1 Cum.
4	<p><b>R.C.C. Work (AR0404Aa)</b>  <b>:.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 &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 foundation, footing bases of column, mass concrete, pre-cast slabs etc.)</p>	-	<b>4.805219376</b>	Cum

i)	<b>BRM340</b> : Cement	3.4733	16.689968458661	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	2.1623487192	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	1.72987897536	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	2.59481846304	1 Cum.
v)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.004005	0.01924490360088	1Cum.
vi)	<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.000921	0.004425607045296	1Mtr.
5	<b>R.C.C. Work (AR0404Ab)</b> :.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)	-	<b>2.2068770854176</b>	Cum
i)	<b>BRM340</b> : Cement	3.4733	7.665146180781	1 Qntl.

ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	0.99309468843792	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	0.79447575075034	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	1.1917136261255	1 Cum.
v)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.01335	0.029461809090325	1Cum.
vi)	<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.00307	0.006775112652232	1Mtr.
6	<b>R.C.C. Work (AR0404Ad)</b> :.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 Lintels)	-	<b>1.32944402736</b>	Cum
i)	<b>BRM340</b> : Cement	3.4733	4.6175579402295	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	0.598249812312	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	0.4785998498496	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	0.7178997747744	1 Cum.
v)	<b>BRM094</b> : Non-sal bullahs 125mm. mean dia of any length.	0.049542	0.065863316003469	1Mtr.
vi)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0741335	0.098556338802293	1Cum.
7	<b>R.C.C. Work (AR0404Ac)</b> :.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 Beams, Column, Girder & Bressmer etc)	-	<b>3.21661291584</b>	Cum
i)	<b>BRM340</b> : Cement	3.4733	11.172261640587	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	1.447475812128	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	1.1579806497024	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	1.7369709745536	1 Cum.
v)	<b>BRM084</b> : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.045339	0.14583801299127	1Mtr
vi)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.041529	0.13358271778192	1Cum.
8	<b>R.C.C. Work (AR0404Ae)</b> :.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 Stairs excluding landing but including railing)	-	<b>1.13196408</b>	Cum
i)	<b>BRM340</b> : Cement	3.4733	3.931650839064	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	0.509383836	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	0.4075070688	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	0.6112606032	1 Cum.
v)	<b>BRM094</b> : Non-sal bullahs 125mm. mean dia of any length.	0.01494	0.0169115433552	1Mtr.
vi)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.04806	0.0544021936848	1Cum.
9	<b>R.C.C. Work (AR0404Ag)</b> :.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)	-	<b>4.6843448110464</b>	Cum
i)	<b>BRM340</b> : Cement	3.4733	16.270134832207	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	2.1079551649709	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	1.6863641319767	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	2.5295461979651	1 Cum.
v)	<b>BRM084</b> : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.076659	0.35909718887001	1Mtr
vi)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0502172	0.23523468024528	1Cum.
10	<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>17.36</b>	Qntl
i)	<b>BRM341</b> : Steel	1.05	18.228	1 Qntl.

11	<p><b>Masonry Brick Work (AR0603b) :.Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth</b>  - Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth having crushing strength not less than 75.00 Kg/cm<sup>2</sup> with dimensional tolerance ±8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&amp;P required for the work, etc. complete and as per direction of Engineer-in-charge.</p>	-	<b>10.81843344</b>	Cum
i)	<b>BRM340</b> : Cement	0.672	7.26998727168	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.28	3.0291613632	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./Cm <sup>2</sup> with dimensional tolerance ± 2 %	350	3786.451704	1000 Nos
12	<p><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/cm<sup>2</sup> 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&amp;P required for the work, etc. complete and as per direction of Engineer-in-charge.</p>	-	<b>25.73360841504</b>	Cum
i)	<b>BRM340</b> : Cement	0.672	17.292984854907	1 Qntl.

ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.28	7.2054103562112	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	9006.762945264	1000 Nos
13	<b>Plastering (AR1017) : .20mm thick cement Plaster in CM (1:4) over masonry work in inside.</b> - 20mm thick cement Plaster in CM (1:4) over stone work in inside including racking out joints finishing smooth with proper plumb and line, curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc comp.and as per direction of Engineer-in-charge.	-	<b>43.4930597068</b>	Sqm
i)	<b>BRM340</b> : Cement	0.0744	3.2358836421859	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.021	0.9133542538428	1 Cum
14	<b>Plastering (AR1004i) : .12mm thick cement plaster (1:6) over Brick work in outside.</b> - 12mm thick cement plaster (1:6) over Brick work in outside including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc. comp.and as per direction of Engineer-in-charge.	-	<b>82.560573525</b>	Sqm
i)	<b>BRM340</b> : Cement	0.0358	2.955668532195	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.015	1.238408602875	1 Cum

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
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1	<b>BRM029</b>	24.35020814112	1 Cum	40.25	980.09587768008
2	<b>BRM028</b>	24.044755448419	1 Cum	40.25	967.80140679884
3	<b>BRM044</b>	7.6798256784814	1 Cum.	149.5	1148.133938933
4	<b>BRM060</b>	6.254806426439	1 Cum.	149.5	935.09356075264
5	<b>BRM052</b>	9.3822096396586	1 Cum.	149.5	1402.640341129
6	<b>BRM005</b>	12793.214649264	1000 Nos	0.04025	514.92688963288
<b>Total: 5948.6920149264</b>					

#### **ADDITION COMPONENT**

<b>Sl.No.</b>	<b>Item Name</b>	<b>Amount (in Rs.)</b>
1	Provision for PH Work @ 10%	Rs. 59123.691978007
2	Provision for Contingency @ 1%	Rs. 5912.3691978007
3	Display Citizen Board @ Rs. 5000	Rs. 5000
<b>Total Addition Component Amount (in Rs.): 70036.061175808</b>		

**Total Net Amount (in Rs.): 661272.98095588**