

ESTIMATION DPR							
State	Odisha	District	Malkangiri	Block	Malkangiri	Panchayat	Sindrimal
Work Code	OD/364/3484/120004/430239/00015282 (Const. of VSS building at Nua Simagudi)						
Project Category	Building						
Financial Year	2023-24	Execution Level		Sindrimal, G.P			
Executing Agency	Panchayat Samiti, Malkangiri	Proposal Date		-			
Date of Commencement	-	Date of Completion					
Scheme Name	Construction of Vana Suraksha Samiti Building	Scheme Component Name		Construction of Buildings for Vana Suraksha Samiti			
Project Sub-Category	Vana Suraksha Samiti Building	Project Type		New Work			
Name of Executant	Er. SUDIPTA SAHOO						

Administrative Approval Details

Approval No.	
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Technical Sanction Details

Technical Sanction No.	
Fund Sanction No.	
Fund Sanction Amount (in Rs.)	850000

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
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1	<p style="text-align: center;">Earth Work (AR0102a3) : Earthwork in hard soil or gravelly soil within 100m to 125m lead and 1.5m, initial lift -</p> <p>Earthwork in hard soil or gravelly soil within 100m to 125m lead and 1.5m, initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per direction of the Engineer-in-charge.</p>	Cum	35.5704	244.2382	8687.65046928
2	<p style="text-align: center;">Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed -</p> <p>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	16.9194	580.009872	9813.4190283168

3	<p style="text-align: center;">R.C.C.</p> <p>Work (AR0404Aa) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips -</p> <p>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 centering 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	3.9852	6525.6279819451	26005.932633648
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4	<p style="text-align: center;">R.C.C.</p> <p>Work (AR0404Ab) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips -</p> <p>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 centering and shuttering) complete and as per direction of Engineer-in charge (RCC Plinth band)</p>	Cum	2.18523	7280.0193494596	15908.51668302
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5	<p style="text-align: center;">R.C.C.</p> <p>Work (AR0404Ac) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips -</p> <p>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 centering and shuttering) complete and as per direction of Engineer-in charge. (RCC Beams, Column, Girder & Bresher etc)</p>	Cum	4.424768	14484.945885535	64092.525036047
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6	<p style="text-align: center;">R.C.C.</p> <p>Work (AR0404Ad) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips -</p> <p>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 centering and shuttering) complete and as per direction of Engineer-in charge (RCC Lintels)</p>	Cum	1.092615	13157.51186744	14376.094829043
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7	<p style="text-align: center;">R.C.C.</p> <p>Work (AR0404Ag) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips -</p> <p>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 centering and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, landing, balcony, sun shade)</p>	Cum	8.0133	12779.027238389	102402.17896938
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8	<p>Concrete (AR0304) : Cement concrete (1:4:8) with 4 cm. hard granite(Crusher Broken) metal - Cement concrete (1:4:8) 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	13.28625	5268.17476216	69994.286933748
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9	<p style="text-align: center;">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 -</p> <p>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	19.6	8710.1454337	170718.85050052
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10	<p style="text-align: center;">Masonry</p> <p>Brick Work (AR0603di) : C.B. Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure - Brickwork with C.B. 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 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	20.105003	4747.632847416	95451.172640197
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11	<p style="text-align: center;">Flooring (AR0817aa) :</p> <p>Fixing Vitrified floor tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm -</p> <p>Fixing Vitrified floor 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 tiles including rubbing and polishing complete including cost of precast tiles.</p>	Sqm	47.2785	1654.463664966	78220.560384095
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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	137.847	171.4032874924	23627.428970965
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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	109.2	251.001529054	27409.366972697
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14	<p style="text-align: center;">Other Building Items. (AR1902) : cement based wall putty (water based) -</p> <p>Finishing surface of walls with cement based wall putty (water based) of approved make and finished smooth and even surface to receive painting including cost of scaffolding staging charges with cost of all materials taxes,labour,T&P, etc.complete. and as per the direction of Engineer in Charge.</p>	Sqm	268.801	78.13764	21003.47576964
15	<p style="text-align: center;">Painting (AR0918f) : Finishing wall with two coat weather coat paint of approved shade in the outer surface of old work(Outside) -</p> <p>Finishing wall with two coat weather coat paint of approved shade 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)</p>	Sqm	137.847	86.6889022125	11949.805103286

Qty/Unit (B)	Total Qty (A*B)	Qty/Unit (B)	Total Qty (A*B)	Qty/Unit (B)	Total Qty (A*B)	Qty/Unit (B)	Total Qty (A*B)
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1	<p>Earth Work (AR01 02a3) : Earthwork in hard soil or gravelly soil within 100m to 125m lead and 1.5m, initial lift - Earthwork in hard soil or gravelly soil within 100m to 125m lead and 1.5m, initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per direction of the Engine</p>	35.5704	Cubic Meter	0.535	19.030164	-	-	-	-	-	-
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2	<p>Earth Work (AR01 15) : 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>	16.9194	Cubic Meter	0.1236	2.09123784	-	-	-	-	-	-
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3	R.C.C. Work (AR04 04Aa) : 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	3.9852	Cubic Meter	1.3333	5.3134 6716	0.1323	0.5272 4196	0.175	0.6974 1	-	-
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4	R.C.C. Work (AR04 04Ab) : 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	2.18523	Cubic Meter	1.3333	2.913567159	0.3073	0.671521179	0.35	0.7648305	-	-
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5	R.C.C. Work (AR0404Ac) : 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	4.424768	Cubic Meter	1.3333	5.8995431744	5.29605	23.4337925664	5.33875	23.62273016	-	-
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6	R.C.C. Work (AR04 04Ad) : 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	1.0926 15	Cubic Meter	1.3333	1.4567 835795	2.3010 5	2.5141 617457 5	2.3437 5	2.5608 164062 5	-	-
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7	R.C.C. Work (AR04 04Ag) : 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	8.0133	Cubic Meter	1.3333	10.684 13289	3.1125 5	24.941 796915	3.1552 5	25.283 964825	-	-
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8	<p>Concrete (AR0304) : Cement concrete (1:4:8) with 4 cm. hard granite (Crusher Broken) metal -</p> <p>Cement concrete (1:4:8) 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</p>	13.28625	Cubic Meter	3.9	51.816375	-	-	0.18	2.391525	-	-
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9	R.C.C. Work (AR04 09) : Supplying, fitting, and placing uncoated HYSB bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position - Supplying, fitting, and placing uncoated HYSB bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing	19.6	Quintal	0.8	15.68	0.044	0.8624	-	-	0.3	5.88
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10	<p>Masonry Brick Work (AR06 03di) : C.B. Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure</p> <p>- Brickwork with C.B. 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 immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and</p>	20.105003	Cubic Meter	2.82	56.69610846	-	-	1.05	21.11025315	0.35	7.03675105
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11	<p>Flooring (AR08 17aa) : Fixing Vitrified floor tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mm x600mm - Fixing Vitrified floor tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mm x600mm plain (Ivory) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement</p>	47.2785	Square Meter	0.325	15.3655125	0.76	35.93166	-	-	0.325	15.3655125
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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	137.847	Square Meter	0.12	16.54164	-	-	0.14	19.29858	-	-
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13	<p>Plastering (AR10 14) : 16mm thick cement Plaster in CM (1:6) over brick work in inside.</p> <p>- 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</p>	109.2	Square Meter	0.24	26.208	-	-	0.16	17.472	-	-
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14	Other Building Items. (AR1902) : cement based wall putty (water based) - Finishing surface of walls with cement based wall putty (water based) of approved make and finished smooth and even surface to receive painting including cost of scaffolding staging charges with cost of all materials taxes, labour, T & P, etc. complete. and as per the direction of Engineer in Charge.	268.801	Square Meter	0.057	15.321657	-	-	0.05	13.44005	-	-
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15	<p>Painting (AR09 18f) : Finishing wall with two coat weather coat paint of approved shade in the outer surface of old work(Outside) - Finishing wall with two coat weather coat paint of approved shade 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</p>	137.847	Square Meter	0.064	8.822208	-	-	-	-	0.054	7.443738
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16	Painting (AR09 20) : 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)	158.321	Square Meter	0.064	10.132544	-	-	-	-	0.054	8.549334
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17	Painting (AR09 03i) : 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)	34.2225	Square Meter	0.11827956989247	4.0478225806452	-	-	-	-	0.13440860215054	4.5997983870968
Total Qty				268.02076334355	88.88257436615	126.64216004125	48.875133937097				
Rate Per Man Day				452	502	552	602				
Total Amount				121145.38503128	44619.052331807	69906.47234277	29422.830630132				

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	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.	-	16.9194	Cum
i)	BRM029 : Sand for filling and road blinding	1	16.9194	1 Cum

2	R.C.C. Work (AR0404Aa) :.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 centering and shuttering) complete and as per direction of Engineer-in charge (RCC foundation, footing bases of column, mass concrete, pre-cast slabs etc.)	-	3.9852	Cum
i)	BRM340 : Cement	3.4733	13.84179516	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	1.79334	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	1.434672	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	2.152008	1 Cum.
v)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.004005	0.015960726	1Cum.
vi)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.189	0.7532028	1Mtr.
3	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 centering and shuttering) complete and as per direction of Engineer-in charge (RCC Plinth band)	-	2.18523	Cum
i)	BRM340 : Cement	3.4733	7.589959359	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.9833535	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	0.7866828	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	1.1800242	1 Cum.
v)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.01335	0.0291728205	1Cum.
vi)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.63	1.3766949	1Mtr.

4	<p>R.C.C. Work (AR0404Ac) :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 centering and shuttering) complete and as per direction of Engineer-in charge. (RCC Beams, Column, Girder & Bresher etc)</p>	-	4.424768	Cum
i)	BRM340 : Cement	3.4733	15.3685466944	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	1.9911456	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	1.59291648	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	2.38937472	1 Cum.
v)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	4.4196	19.5557046528	1Mtr
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.041529	0.183756190272	1Cum.
5	R.C.C. Work (AR0404Ad) :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 centering and shuttering) complete and as per direction of Engineer-in charge (RCC Lintels)	-	1.092615	Cum
i)	BRM340 : Cement	3.4733	3.7949796795	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.49167675	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	0.3933414	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	0.5900121	1 Cum.
v)	BRM094 : Non-sal bullahs 125mm. mean dia of any length.	3.7695	4.1186122425	1Mtr.
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0741335	0.0809993741025	1Cum.

6	<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 centering and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, landing, balcony, sun shade)</p>	-	8.0133	Cum
i)	BRM340 : Cement	3.4733	27.83259489	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	3.605985	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	2.884788	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	4.327182	1 Cum.
v)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	6.2216	49.85554728	1Mtr
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0502172	0.40240548876	1Cum.
7	Concrete (AR0304) :.Cement concrete (1:4:8) with 4 cm. hard granite(Crusher Broken) metal - Cement concrete (1:4:8) 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.	-	13.28625	Cum
i)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	12.7548	1 Cum.
ii)	BRM340 : Cement	1.72	22.85235	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.48	6.3774	1 Cum

8	<p>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.</p>	-	19.6	Qntl
i)	BRM162 : Binding Wire.	0.8	15.68	1 Kg.
ii)	BRM341 : Steel	1.05	20.58	1 Qntl.
9	<p>Masonry Brick Work (AR0603di) :.C.B. Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure - Brickwork with C.B. 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 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>	-	20.105003	Cum

i)	BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK	1	20.105003	1 Cum
ii)	BRM001 : Well burnt clamp burnt bricks (25 Cm. x 12Cm. x 8Cm.) having crushing strength not less than 35 Kg./Cm2 with dimensional tolerance ± 8 percent.	350	7036.75105	1000 Nos
iii)	BRM340 : Cement	0.672	13.510562016	1 Qntl.
iv)	BRM028 : Screened and washed sharp sand for mortar	0.28	5.62940084	1 Cum
10	Flooring (AR0817aa) :.Fixing Vitrified floor tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm - Fixing Vitrified floor 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 tiles including rubbing and polishing complete including cost of precast tiles.	-	47.2785	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 1a) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)	1	47.2785	1 Sqm.

ii)	BRMMR0027 : Wax Polish	1	47.2785	1 Sqm
iii)	BRM340 : Cement	0.1375	6.50079375	1 Qntl.
iv)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.7091775	1 Cum
11	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.	-	137.847	Sqm
i)	BRM340 : Cement	0.0358	4.9349226	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.015	2.067705	1 Cum
12	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.	-	109.2	Sqm
i)	BRM340 : Cement	0.043	4.6956	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	1.9656	1 Cum

13	<p>Other Building Items. (AR1902) :.cement based wall putty (water based) - Finishing surface of walls with cement based wall putty (water based) of approved make and finished smooth and even surface to receive painting including cost of scaffolding staging charges with cost of all materials taxes,labour,T&P,etc. complete. and as per the direction of Engineer in Charge.</p>	-	268.801	Sqm
i)	<p>BRMMR0038 : Cement based putty</p>	0.8	215.0408	kg
14	<p>Painting(AR0918f) :.Finishing wall with two coat weather coat paint of approved shade in the outer surface of old work(Outside) - Finishing wall with two coat weather coat paint of approved shade 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)</p>	-	137.847	Sqm
i)	<p>BRM255 : Weather Coat (I.S.I.)</p>	0.125	17.230875	1 Ltr

15	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)	-	158.321	Sqm
i)	BRM140 : Plastic Emulsion paint	0.125	19.790125	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)	-	34.2225	Sqm
i)	BRM141 : Enamel paint	0.125	4.2778125	1 Litre

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	16.9194	1 Cum	478.15	8090.01111
2	BRM340	13.84179516	1 Qntl.	670.037	9274.5149036209
3	BRM028	1.79334	1 Cum	808.59	1450.0767906
4	BRM060	1.434672	1 Cum.	1824.88	2618.10423936
5	BRM052	2.152008	1 Cum.	1788.5	3848.866308
6	BRM104	0.015960726	1Cum.	58668.206	936.38716087756
7	BRM092	0.7532028	1Mtr.	324.226	244.2079310328
8	BRM340	7.589959359	1 Qntl.	670.037	5085.5535990263
9	BRM028	0.9833535	1 Cum	808.59	795.129806565

10	BRM060	0.7866828	1 Cum.	1824.88	1435.601708064
11	BRM052	1.1800242	1 Cum.	1788.5	2110.4732817
12	BRM104	0.0291728205	1Cum.	58668.206	1711.517042695
13	BRM092	1.3766949	1Mtr.	324.226	446.3602806474
14	BRM340	15.3685466944	1 Qntl.	670.037	10297.494921476
15	BRM028	1.9911456	1 Cum	808.59	1610.020420704
16	BRM060	1.59291648	1 Cum.	1824.88	2906.8814260224
17	BRM052	2.38937472	1 Cum.	1788.5	4273.39668672
18	BRM084	19.5557046528	1Mtr	345.286	6752.3110367467
19	BRM104	0.183756190272	1Cum.	58668.206	10780.646024653
20	BRM340	3.7949796795	1 Qntl.	670.037	2542.7767995131
21	BRM028	0.49167675	1 Cum	808.59	397.5649032825
22	BRM060	0.3933414	1 Cum.	1824.88	717.800854032
23	BRM052	0.5900121	1 Cum.	1788.5	1055.23664085
24	BRM094	4.1186122425	1Mtr.	335.226	1380.6659076043
25	BRM104	0.0809993741025	1Cum.	58668.206	4752.0879657165
26	BRM340	27.83259489	1 Qntl.	670.037	18648.868382311
27	BRM028	3.605985	1 Cum	808.59	2915.76341115
28	BRM060	2.884788	1 Cum.	1824.88	5264.39192544
29	BRM052	4.327182	1 Cum.	1788.5	7739.165007
30	BRM084	49.85554728	1Mtr	345.286	17214.422498122
31	BRM104	0.40240548876	1Cum.	58668.206	23608.408110102
32	BRM044	12.7548	1 Cum.	1401.46	17875.342008
33	BRM340	22.85235	1 Qntl.	670.037	15311.92003695
34	BRM028	6.3774	1 Cum	808.59	5156.701866
35	BRM162	15.68	1 Kg.	90.1	1412.768
36	BRM341	20.58	1 Qntl.	6452.357	132789.50706
37	BRMMR0025	20.105003	1 Cum	33	663.465099
38	BRM001	7036.75105	1000 Nos	5.39061	37932.380577641
39	BRM340	13.510562016	1 Qntl.	670.037	9052.5764415146
40	BRM028	5.62940084	1 Cum	483.09	2719.5072517956
41	BRM131	47.2785	1 Sqm.	663.9538891	31390.743945814
42	BRMMR0027	47.2785	1 Sqm	8.5	401.86725

43	BRM340	6.50079375	1 Qntl.	670.037	4355.7723418688
44	BRM028	0.7091775	1 Cum	483.09	342.596558475
45	BRM340	4.9349226	1 Qntl.	670.037	3306.5807341362
46	BRM028	2.067705	1 Cum	483.09	998.88760845
47	BRM340	4.6956	1 Qntl.	670.037	3146.2257372
48	BRM028	1.9656	1 Cum	808.59	1589.364504
49	BRMMR0038	215.0408	kg	30	6451.224
50	BRM255	17.230875	1 Ltr	195.15677	3362.7219092738
51	BRM140	19.790125	1 Litre	249.70677	4941.7281916462
52	BRM141	4.2778125	1 Litre	205.70677	879.97499204062
Total: 444986.56319744					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	16.9194	1 Cum	40.25	681.00585
2	BRM028	1.79334	1 Cum	40.25	72.181935
3	BRM060	1.434672	1 Cum.	149.5	214.483464
4	BRM052	2.152008	1 Cum.	149.5	321.725196
5	BRM028	0.9833535	1 Cum	40.25	39.579978375
6	BRM060	0.7866828	1 Cum.	149.5	117.6090786
7	BRM052	1.1800242	1 Cum.	149.5	176.4136179
8	BRM028	1.9911456	1 Cum	40.25	80.1436104
9	BRM060	1.59291648	1 Cum.	149.5	238.14101376
10	BRM052	2.38937472	1 Cum.	149.5	357.21152064
11	BRM028	0.49167675	1 Cum	40.25	19.7899891875
12	BRM060	0.3933414	1 Cum.	149.5	58.8045393
13	BRM052	0.5900121	1 Cum.	149.5	88.20680895
14	BRM028	3.605985	1 Cum	40.25	145.14089625
15	BRM060	2.884788	1 Cum.	149.5	431.275806
16	BRM052	4.327182	1 Cum.	149.5	646.913709
17	BRM044	12.7548	1 Cum.	149.5	1906.8426
18	BRM028	6.3774	1 Cum	40.25	256.69035
19	BRM028	5.62940084	1 Cum	40.25	226.58338381

20	BRM028	0.7091775	1 Cum	40.25	28.544394375
21	BRM028	2.067705	1 Cum	40.25	83.22512625
22	BRM028	1.9656	1 Cum	40.25	79.1154
Total: 6269.6282677975					

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for PH Work @ Rs. 15000	Rs. 15000
2	Provision for EI Work @ Rs. 13823	Rs. 13823
3	Provision for Contingency @ 1%	Rs. 7610.6652238275
4	Display Citizen Board @ Rs. 2500	Rs. 2500
Total Addition Component Amount (in Rs.): 38933.665223827		

Total Net Amount (in Rs.): 800000.18760658