

ESTIMATION DPR

State	Odisha	District	Balangir	Block	Agalpur	Gram Panchayat	Nagaon(B)
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Work Code	OD/345/3284/115770/419928/00102665 (Mordenization and Expansion of Balbatika Nagoan B Primary School)						
Project Category	Building						

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Agalpur	Proposal Date	-
Date of Commencement	-	Date of Completion	
Scheme Name	Bikashita Gaon Bikashita Odisha	Scheme Component Name	Viksit Gaon Vikshit Odisha (VGVO)
Project Sub-Category	Elementary School	Project Type	Upgradation or Improvement
Name of Executant			

Administrative Approval Details

Approval No.	
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Technical Sanction Details

Technical Sanction No.	
Fund Sanction No.	1023
Fund Sanction Amount (in Rs.)	500000

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 (AR0102aa) : Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift - Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per the direction of the Engineer-in-charge</p>	Cum	0.955692	240.77592	230.10762053664
2	<p style="text-align: center;">Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed - Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T & P required for the work etc. complete and as per direction of Engineer-in charge.</p>	Cum	0.389356	589.338232	229.46237665859

3	<p style="text-align: center;">Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal - Cement concrete (1:3:6) with 4 cm. hard granite(Crusher Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge.</p>	Cum	0.389356	5063.31808826	1971.4332775726
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4	<p style="text-align: center;">Masonry Brick Work (AR0603c) : Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth - Brickwork with Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth having crushing strength not less than 75.00 Kg/cm² with dimensional tolerance ±8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in- charge.</p>	Cum	1.168068	4883.865743168	5704.6872908908
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5	<p style="text-align: center;">Masonry Brick Work (AR0603ci) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure - Brickwork with Flyash Bricks of size (23cm x 11cm 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.</p>	Cum	0.212376	4917.195743168	1044.294363151
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6	<p style="text-align: center;">R.C.C. Work (AR0404Ad) :</p> <p>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)</p>	Cum	1.4096457	12206.197781817	17206.414216488
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7	<p style="text-align: center;">R.C.C. Work (AR0404Ag) :</p> <p>Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, landing, balcony, sun shade)</p>	Cum	4.73492292	11843.797957677	56079.470409654
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8	<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 - 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	4.291	8408.3256995	36080.125576554
9	<p>Plastering (AR1004) : 12mm thick cement plster (1:6) over Brick work in inside - 12mm thick cement plster (1:6) over Brick work in inside including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc. comp.and as per direction of Engineer-in- charge.</p>	Sqm	60.096628125	165.9188150652	9971.161327914

10	<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	60.944368	239.382174742	14588.995350117
11	<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,e tc.complete. and as per the direction of Engineer in Charge.</p>	Sqm	103.12233	79.21834	8169.1797995322

12	<p style="text-align: center;">Painting (AR0920a) : Finishing wall surface with two coats with plastic emulsion paint of approved shades above one coat oil bound Primer on new work (Inside) - Finishing wall surface with two coats with plastic emulsion paint of approved shades above one coat oil bound Primer on new work to give an even shade including all costs of labor, Paint, Primer, Brushes and putty required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)</p>	Sqm	103.12233	163.74043271701	16885.294936986
13	<p style="text-align: center;">Painting (AR0918cb) : Finishing wall two coats with weather coat with one coat waterbound Primer - Finishing wall two coats with weather coat with one coat waterbound Primer including all costs of labour, Paint, Primer, Brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)</p>	Sqm	43.234733625	160.71529806685	6948.4831013827

14	<p style="text-align: center;">Other Building Items. (AR1901B) : Vitrified Tile 600mmx600mm Plain Ivory -</p> <p>Supplying, fitting & fixing Vitrified Tile 600mmx600mm Plain Ivory in floors of size 600mm x 600 mm of approved make conforming IS:13755 laid on 20 mm thick cement mortar(1:4)and filling joints with white cement of approved quality including cost of all materials, taxes, labour, T&P , etc. required for the work all complete as per direction of Engineer-in-charge(for new work only)</p>	Sqm	29.61283125	995.7590644986	29487.245142655
15	<p style="text-align: center;">Other Building Items. (AR1907) : aluminum sliding window (sliding type) -</p> <p>Supplying, fitting, fixing up window (sliding type) made up aluminum Section 9778,as windows frame, section No. 4095,4096 and 9777, 3994 as shutter frame with 5mm thick black glass as panel fitted with rubber beading including locking arrangement including all fitting including cost of materials all taxes labour, T&P etc. complete as per direction of Engineer-incharge.</p>	Sqm	3.901926	4152.7950064027	16203.898808153

16	<p align="center">Other Building Items. (AR1909) : Al. door with OEL anodized Al. door section of 9202 as vertical member -</p> <p>Providing fitting, fixing of Al. door with OEL anodized Al. door section of 9202 as vertical member, 9201 as top member and 9200 as bottom and middle member and 12mm thick pre-laminated board fixed on door frame by means of tapered clip No. 4660 and the frame to be completed by means of jointing angle No.1855 including all cost of labour,T&P , hire charges of drilling machine, labour charges etc. complete. and as per direction of Engineer in Charge</p>	Sqm	2.2761235	6754.6533798472	15374.425292225
Total Amount (in Rs.): 236174.67889047					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
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1	<p>Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift - Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per the direction of the Engineer-in-charge</p>	-	0.955692	Cum
i	Un-Skilled	0.516	0.493137072	-
2	<p>Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed - Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T & P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	0.389356	Cum
i	Un-Skilled	0.1236	0.0481244016	-

3	<p>Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal - Cement concrete (1:3:6) with 4 cm. hard granite(Crusher Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	0.389356	Cum
i	Skilled	0.18	0.07008408	-
ii	Un-Skilled	3.9	1.5184884	-
4	<p>Masonry Brick Work (AR0603c) : Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth - Brickwork with Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth having crushing strength not less than 75.00 Kg/cm² with dimensional tolerance ±8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.</p>	-	1.168068	Cum
i	Un-Skilled	2.96	3.45748128	-

	ii	Skilled	1.05	1.2264714	-
	iii	Highly-Skilled	0.35	0.4088238	-
5		Masonry Brick Work (AR0603ci) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure - Brickwork with Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm ² with dimensional tolerance ±8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.	-	0.212376	Cum
	i	Un-Skilled	2.96	0.62863296	-
	ii	Skilled	1.05	0.2229948	-
	iii	Highly-Skilled	0.35	0.0743316	-

6	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 centring and shuttering) complete and as per direction of Engineer-in charge (RCC Lintels)	-	1.4096457	Cum
i	Un-Skilled	1.3333	1.87948061181	-
ii	Skilled	2.34375	3.303857109375	-
iii	Semi-Skilled	2.30105	3.243665237985	-

7	R.C.C. Work (AR0404Ag) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, landing, balcony, sun shade)	-	4.73492292	Cum
i	Un-Skilled	1.3333	6.313072729236	-
ii	Skilled	3.15525	14.93986554333	-
iii	Semi-Skilled	3.11255	14.737684334646	-

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>	-	4.291	Qntl
i	Un-Skilled	0.8	3.4328	-
ii	Highly-Skilled	0.3	1.2873	-
iii	Semi-Skilled	0.044	0.188804	-
9	<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>	-	60.096628125	Sqm
i	Un-Skilled	0.12	7.211595375	-

	ii	Skilled	0.14	8.4135279375	-
10		Plastering (AR1014) : 16mm thick cement Plaster in CM (1:6) over brick work in inside. - 16mm thick cement Plaster in CM (1:6) over brick work in inside including racking out joints finishing smooth with proper plumb and line, curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc comp.and as per direction of Engineer-in-charge.	-	60.944368	Sqm
	i	Un-Skilled	0.24	14.62664832	-
	ii	Skilled	0.16	9.75109888	-
11		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.co mplete. and as per the direction of Engineer in Charge.	-	103.12233	Sqm
	i	Un-Skilled	0.057	5.87797281	-
	ii	Skilled	0.05	5.1561165	-

12	<p>Painting (AR0920a) : Finishing wall surface with two coats with plastic emulsion paint of approved shades above one coat oil bound Primer on new work (Inside) - Finishing wall surface with two coats with plastic emulsion paint of approved shades above one coat oil bound Primer on new work to give an even shade including all costs of labor, Paint, Primer, Brushes and putty required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)</p>	-	103.12233	Sqm
i	Highly-Skilled	0.10776344086022	11.112817110323	-
ii	Un-Skilled	0.11776344086022	12.144040410323	-
13	<p>Painting (AR0918cb) : Finishing wall two coats with weather coat with one coat waterbound Primer - Finishing wall two coats with weather coat with one coat waterbound Primer including all costs of labour, Paint, Primer, Brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)</p>	-	43.234733625	Sqm
i	Un-Skilled	0.11776344086022	5.0914709963548	-
ii	Highly-Skilled	0.10776344086022	4.6591236601048	-

14	<p>Other Building Items. (AR1901B) : Vitrified Tile 600mmx600mm Plain Ivory - Supplying, fitting & fixing Vitrified Tile 600mmx600mm Plain Ivory in floors of size 600mm x 600 mm of approved make conforming IS:13755 laid on 20 mm thick cement mortar(1:4)and filling joints with white cement of approved quality including cost of all materials, taxes, labour, T&P , etc. required for the work all complete as per direction of Engineer-in-charge(for new work only)</p>	-	29.61283125	Sqm
i	Un-Skilled	0.216	6.39637155	-
ii	Highly-Skilled	0.216	6.39637155	-
15	<p>Other Building Items. (AR1907) : aluminum sliding window (sliding type) - Supplying, fitting, fixing up window (sliding type) made up aluminum Section 9778,as windows frame, section No. 4095,4096 and 9777, 3994 as shutter frame with 5mm thick black glass as panel fitted with rubber beading including locking arrangement including all fitting including cost of materials all taxes labour, T&P etc. complete as per direction of Engineer-incharge.</p>	-	3.901926	Sqm
i	Un-Skilled	1.006711409396	3.9281134228188	-

	ii	Semi-Skilled	1.006711409396	3.9281134228188	-
	iii	Skilled	0.33557046979866	1.3093711409396	-
	iv	Highly-Skilled	0.33557046979866	1.3093711409396	-
16		<p>Other Building Items. (AR1909) : Al. door with OEL anodized Al. door section of 9202 as vertical member - Providing fitting, fixing of Al. door with OEL anodized Al. door section of 9202 as vertical member, 9201 as top member and 9200 as bottom and middle member and 12mm thick pre-laminated board fixed on door frame by means of tapered clip No. 4660 and the frame to be completed by means of jointing angle No.1855 including all cost of labour,T&P , hire charges of drilling machine, labour charges etc. complete. and as per direction of Engineer in Charge</p>	-	2.2761235	Sqm
	i	Un-Skilled	1.3888888888889	3.1612826388889	-
	ii	Semi-Skilled	1.0648148148148	2.4236500231481	-
	iii	Skilled	0.77777777777778	1.7703182777778	-
	iv	Highly-Skilled	0.19444444444444	0.44257956944444	-

v		0.46296296296296	1.0537608796296	-
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SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	76.208712978031	462	35208.42539585
2	Skilled	46.163705668922	562	25944.002585934
3	Highly-Skilled	25.690718430811	612	15722.719679657
4	Semi-Skilled	24.521917018598	512	12555.221513522
5		1.0537608796296	50	52.688043981481
				Total: 89483.057218945

MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Earth Work (AR0102aa) :.Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift - Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per the direction of the Engineer-in-charge	-	0.955692	Cum

2	Earth Work (AR0115) :.Filling foundation and plinth with sand well watered and rammed - Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T & P required for the work etc. complete and as per direction of Engineer-in charge.	-	0.389356	Cum
i)	BRM029 : Sand for filling and road blinding	1	0.389356	1 Cum
3	Concrete (AR0303) :.Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal - Cement concrete (1:3:6) with 4 cm. hard granite(Crusher Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge.	-	0.389356	Cum
i)	BRM340 : Cement	2.29	0.89162524	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	0.18689088	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	0.37378176	1 Cum.

4	<p>Masonry Brick Work (AR0603c) :.Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth - Brickwork with Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth having crushing strength not less than 75.00 Kg/cm2 with dimensional tolerance ± 8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.</p>	-	1.168068	Cum
i)	<p>BRM006 : Fly ash bricks of 23 Cm. x 11 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm2 with dimensional tolerance ± 2 %</p>	400	467.2272	1000 Nos
ii)	<p>BRM340 : Cement</p>	0.672	0.784941696	1 Qntl.
iii)	<p>BRM028 : Screened and washed sharp sand for mortar</p>	0.28	0.32705904	1 Cum
5	<p>Masonry Brick Work (AR0603ci) :.Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure - Brickwork with Flyash Bricks of size (23cm x 11cm 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.</p>	-	0.212376	Cum

i)	BRMMR0025 : SCAFFOLDING CHARGES FOR BRICK MASONRY WORK	1	0.212376	1 Cum
ii)	BRM006 : Fly ash bricks of 23 Cm. x 11 Cm. x 8 Cm. size having crushing strength not less than 75 Kg./Cm² with dimensional tolerance \pm 2 %	400	84.9504	1000 Nos
iii)	BRM340 : Cement	0.672	0.142716672	1 Qntl.
iv)	BRM028 : Screened and washed sharp sand for mortar	0.28	0.05946528	1 Cum
6	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 centring and shuttering) complete and as per direction of Engineer-in charge (RCC Lintels)	-	1.4096457	Cum
i)	BRM340 : Cement	3.4733	4.89612240981	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.634340565	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	0.507472452	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	0.761208678	1 Cum.
v)	BRM094 : Non-sal bullahs 125mm. mean dia of any length.	3.7695	5.31365946615	1Mtr.
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0741335	0.10450196950095	1Cum.
7	R.C.C. Work (AR0404Ag) :Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, landing, balcony, sun shade)	-	4.73492292	Cum
i)	BRM340 : Cement	3.4733	16.445807778036	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	2.130715314	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	1.7045722512	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	2.5568583768	1 Cum.
v)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	6.2216	29.458796439072	1Mtr
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0502172	0.23777457125822	1Cum.
8	R.C.C. Work (AR0409) :.Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position - Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.	-	4.291	Qntl
i)	BRM162 : Binding Wire.	0.8	3.4328	1 Kg.
ii)	BRM341 : Steel	1.05	4.50555	1 Qntl.
9	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.	-	60.096628125	Sqm

i)	BRM340 : Cement	0.0358	2.151459286875	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.015	0.901449421875	1 Cum
10	Plastering (AR1014) :.16mm thick cement Plaster in CM (1:6) over brick work in inside. - 16mm thick cement Plaster in CM (1:6) over brick work in inside including racking out joints finishing smooth with proper plumb and line, curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc comp.and as per direction of Engineer-in-charge.	-	60.944368	Sqm
i)	BRM340 : Cement	0.043	2.620607824	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.018	1.096998624	1 Cum
11	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.	-	103.12233	Sqm
i)	BRMMR0038 : Cement based putty	0.8	82.497864	kg

12	Painting(AR0920a) :.Finishing wall surface with two coats with plastic emulsion paint of approved shades above one coat oil bound Primer on new work (Inside) - Finishing wall surface with two coats with plastic emulsion paint of approved shades above one coat oil bound Primer on new work to give an even shade including all costs of labor, Paint, Primer, Brushes and putty required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)	-	103.12233	Sqm
i)	BRM140 : Plastic Emulsion paint	0.125	12.89029125	1 Litre
ii)	BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	8.66227572	1 Ltr
13	Painting(AR0918cb) :.Finishing wall two coats with weather coat with one coat waterbound Primer - Finishing wall two coats with weather coat with one coat waterbound Primer including all costs of labour, Paint, Primer, Brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)	-	43.234733625	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.125	5.404341703125	1 Ltr
ii)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.090322580645161	3.9050727145161	1 Ltr

14	<p>Other Building Items. (AR1901B) :.Vitrified Tile 600mmx600mm Plain Ivory - Supplying, fitting & fixing Vitrified Tile 600mmx600mm Plain Ivory in floors of size 600mm x 600 mm of approved make conforming IS:13755 laid on 20 mm thick cement mortar(1:4)and filling joints with white cement of approved quality including cost of all materials, taxes, labour, T&P , etc. required for the work all complete as per direction of Engineer-in-charge(for new work only)</p>	-	29.61283125	Sqm
i)	BRM174 : White Cement.	0.0076	0.2250575175	1Qntl
ii)	BRM340 : Cement	0.1074	3.18041807625	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.021	0.62186945625	1 Cum
iv)	BRM131 : Tiles up to Polished Vitrified floor tiles of premium grade having thickness 8 mm to 10mm confirming to IS 15622:2006 (Group-B la) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)	1	29.61283125	1 Sqm.
15	<p>Other Building Items. (AR1907) :.aluminum sliding window (sliding type) - Supplying, fitting, fixing up window (sliding type) made up aluminum Section 9778,as windows frame, section No. 4095,4096 and 9777, 3994 as shutter frame with 5mm thick black glass as panel fitted with rubber beading including locking arrangement including all fitting including cost of materials all taxes labour, T&P etc. complete as per direction of Engineer-incharge.</p>	-	3.901926	Sqm

i)	BRMMR0005 : Handel with lock	1.3422818791946	5.2374845637584	Each
ii)	BRM271 : Black glass (I.S.I.) 5mm	1.1006711409396	4.2947373422819	Sqm
iii)	BRMMR0008 : Hire charges of drills machine	0.67114093959732	2.6187422818792	Day
iv)	BRMMR0013 : Al. wheel runner	5.3691275167785	20.949938255034	Each
v)	BRMMR0012 : Window pile	5.0335570469799	19.640567114094	Mtr
vi)	BRMMR0011 : U rubber beading	6.5436241610738	25.532737248322	Mtr
vii)	BRMMR0010 : Al. Screws of different sizes	0.67114093959732	2.6187422818792	L.S.
viii)	BRMMR0009 : PVC Plug	5.3691275167785	20.949938255034	Each
ix)	BRM304 : Aluminium extruded section	5.1330201342282	20.028664720268	kg
16	<p>Other Building Items. (AR1909) :.Al. door with OEL anodized Al. door section of 9202 as vertical member - Providing fitting, fixing of Al. door with OEL anodized Al. door section of 9202 as vertical member, 9201 as top member and 9200 as bottom and middle member and 12mm thick pre-laminated board fixed on door frame by means of tapered clip No. 4660 and the frame to be completed by means of jointing angle No.1855 including all cost of labour, T&P , hire charges of drilling machine, labour charges etc. complete. and as per direction of Engineer in Charge</p>	-	2.2761235	Sqm
i)	BRM281 : Prelaminated particle board (standard type) (I.S.I.) 12mm	1.1018518518519	2.5079508935185	Sqm
ii)	BRMMR0008 : Hire charges of drills machine	0.6944444444444444	1.5806413194444	Day
iii)	BRMMR0018 : 6-Level mortice lock	0.46296296296296	1.0537608796296	Each

iv)	BRMMR0017 : Handle	0.92592592592593	2.1075217592593	Each
v)	BRMMR0016 : Door Stopper	0.46296296296296	1.0537608796296	Each
vi)	BRMMR0011 : U rubber beading	8.4675925925926	19.273286488426	Mtr
vii)	BRMMR0015 : 4 Anodised Al. Hinges	1.8518518518519	4.2150435185185	Each
viii)	BRM304 : Aluminium extruded section	11.821805555556	26.907889437431	kg

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	0.389356	1 Cum	478.15	186.1705714
2	BRM340	31.113698982971	1 Qntl.	528.967	16458.120009925
3	BRM028	5.958788581125	1 Cum	483.09	2878.6311756557
4	BRM044	0.37378176	1 Cum.	1336.36	499.5069927936
5	BRM006	552.1776	1000 Nos	5.24616	2896.812038016
6	BRMMR0025	0.212376	1 Cum	33	7.008408
7	BRM060	2.2120447032	1 Cum.	1741.11	3851.4131531886
8	BRM052	3.3180670548	1 Cum.	1723.4	5718.3567622423
9	BRM094	5.31365946615	1Mtr.	240.106	1275.8415197794
10	BRM104	0.34227654075917	1Cum.	58573.086	20048.19325767
11	BRM084	29.458796439072	1Mtr	250.166	7369.5892699769
12	BRM162	3.4328	1 Kg.	90	308.952
13	BRM341	4.50555	1 Qntl.	6200.187	27935.25253785
14	BRMMR0038	82.497864	kg	30	2474.93592
15	BRM140	12.89029125	1 Litre	249.58787	3217.2603367671
16	BRM252	8.66227572	1 Ltr	125.74787	1089.2627211427
17	BRM255	5.404341703125	1 Ltr	195.03787	1054.0512945297
18	BRM253	3.9050727145161	1 Ltr	159.27787	621.99166416325
19	BRM174	0.2250575175	1Qntl	2041.967	459.56002383692
20	BRM131	29.61283125	1 Sqm.	660.6811111	19564.638253067
21	BRMMR0005	5.2374845637584	Each	40	209.49938255034
22	BRM271	4.2947373422819	Sqm	705.01	3027.8327736821
23	BRMMR0008	4.1993836013236	Day	100	419.93836013236
24	BRMMR0013	20.949938255034	Each	25	523.74845637584
25	BRMMR0012	19.640567114094	Mtr	10	196.40567114094
26	BRMMR0011	44.806023736748	Mtr	15	672.09035605122
27	BRMMR0010	2.6187422818792	L.S.	30	78.562268456376

28	BRMMR0009	20.949938255034	Each	1.5	31.42490738255
29	BRM304	46.936554157699	kg	297.97	13985.68504237
30	BRM281	2.5079508935185	Sqm	710.82	1782.7016541308
31	BRMMR0018	1.0537608796296	Each	600	632.25652777778
32	BRMMR0017	2.1075217592593	Each	62.5	131.7201099537
33	BRMMR0016	1.0537608796296	Each	25	26.344021990741
34	BRMMR0015	4.2150435185185	Each	39	164.38669722222
Total: 139798.14413922					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	0.389356	1 Cum	48.25	18.786427
2	BRM028	5.958788581125	1 Cum	48.25	287.51154903928
3	BRM044	0.37378176	1 Cum.	159.5	59.61819072
4	BRM060	2.2120447032	1 Cum.	159.5	352.8211301604
5	BRM052	3.3180670548	1 Cum.	159.5	529.2316952406
Total: 1247.9689921603					

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for EI Work @ Rs. 21500	Rs. 21500
2	Provision for Contingency @ Rs. 5000	Rs. 5000
3	Display Citizen Board @ Rs. 5000	Rs. 5000
4	Any Other Lumpsum @ Rs. 232320	Rs. 232320
Total Addition Component Amount (in Rs.): 263820		

Total Net Amount (in Rs.): 499994.67889047