

ESTIMATION DPR							
State	Odisha	District	Jajpur	Block	Dharmasala	Gram Panchayat	Samparu

Work Code	OD/356/3397/118361/401463/00072551 (Const Of Bhogamandap At Harijana Sahi Astaprahari Gadi)						
Project Category	Building						

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Dharmasala	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	Community Centre	Project Type	New Work
Name of Executant			

Administrative Approval Details

Approval No.	
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Technical Sanction Details

Technical Sanction No.	
Fund Sanction No.	3645
Fund Sanction Amount (in Rs.)	550000

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	20.736	240.77592	4992.72947712
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	2.592	721.547232	1870.250425344

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	10.360016	5605.75221316	58075.682620373
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4	<p style="text-align: center;">R.C.C. Work (AR0404Aa) :</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 foundation, footing bases of column, mass concrete, pre-cast slabs etc.)</p>	Cum	5.4	6192.2651957597	33438.232057102
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5	<p style="text-align: center;">R.C.C. Work (AR0404Ac) :</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 Beams, Column, Girder & Bressmer etc)</p>	Cum	5.448	14248.01858308	77623.20524062
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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	1.4115	12856.54942429	18147.019512385
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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	10.40325	12494.14960015	129979.76182776
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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	19.21	8429.867838	161937.76116798
9	<p>Plastering (AR1027) : 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping (Inside) - 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside including chipping with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc comp. and as per the direction of the Engineer-in- charge.</p>	Sqm	163.2165	190.5092248288	31094.24889427

10	<p align="center">Painting (AR0918h) : Finishing wall with two coats weather coat paint of approved shade including one coat of water bound primer in the outer surface of old work(Outside). -</p> <p>Finishing wall with two coats weather coat paint of approved shade including one coat of water bound primer in the outer surface of old work to give an even shade including all costs of labour, Paint, Brushes, and putty required for the work, etc. complete and as per direction of Engineer-in-charge. (Outside)</p>	Sqm	163.2165	160.17640605073	26143.432378179
Total Amount (in Rs.): 543302.32360113					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	<p>Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift -</p> <p>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>	-	20.736	Cum

	i	Un-Skilled	0.516	10.699776	-
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.	-	2.592	Cum
	i	Un-Skilled	0.1236	0.3203712	-
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.	-	10.360016	Cum
	i	Skilled	0.18	1.86480288	-
	ii	Un-Skilled	3.9	40.4040624	-

4	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 centring and shuttering) complete and as per direction of Engineer-in charge (RCC foundation, footing bases of column, mass concrete, pre-cast slabs etc.)	-	5.4	Cum
i	Un-Skilled	1.3333	7.19982	-
ii	Skilled	0.175	0.945	-
iii	Semi-Skilled	0.1323	0.71442	-

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 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)	-	5.448	Cum
i	Un-Skilled	1.3333	7.2638184	-
ii	Skilled	5.33875	29.08551	-
iii	Semi-Skilled	5.29605	28.8528804	-

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)	-	1.4115	Cum
i	Un-Skilled	1.3333	1.88195295	-
ii	Skilled	2.34375	3.308203125	-
iii	Semi-Skilled	2.30105	3.247932075	-

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)	-	10.40325	Cum
i	Un-Skilled	1.3333	13.870653225	-
ii	Skilled	3.15525	32.8248545625	-
iii	Semi-Skilled	3.11255	32.3806357875	-

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>	-	19.21	Qntl
i	Un-Skilled	0.8	15.368	-
ii	Highly-Skilled	0.3	5.763	-
iii	Semi-Skilled	0.044	0.84524	-
9	<p>Plastering (AR1027) : 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping (Inside) - 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside including chipping with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc comp. and as per the direction of the Engineer-in-charge.</p>	-	163.2165	Sqm
i	Un-Skilled	0.17	27.746805	-

	ii	Skilled	0.14	22.85031	-
10		Painting (AR0918h) : Finishing wall with two coats weather coat paint of approved shade including one coat of water bound primer in the outer surface of old work(Outside). - Finishing wall with two coats weather coat paint of approved shade including one coat of water bound primer in the outer surface of old work to give an even shade including all costs of labour, Paint, Brushes, and putty required for the work, etc. complete and as per direction of Engineer-in-charge. (Outside)	-	163.2165	Sqm
	i	Un-Skilled	0.11776344086022	19.220936645161	-
	ii	Highly-Skilled	0.10776344086022	17.588771645161	-

Sl.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	143.97619582016	462	66517.002468915
2	Skilled	90.8786805675	562	51073.818478935
3	Semi-Skilled	66.0411082625	512	33813.0474304
4	Highly-Skilled	23.351771645161	612	14291.284246839
				Total: 165695.15262509

MATERIAL STATEMENT

Sl.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	-	20.736	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.	-	2.592	Cum
i)	BRM029 : Sand for filling and road blinding	1	2.592	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.	-	10.360016	Cum
i)	BRM340 : Cement	2.29	23.72443664	1 Qntl.

ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	4.97280768	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	9.94561536	1 Cum.
4	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 centring and shuttering) complete and as per direction of Engineer-in charge (RCC foundation, footing bases of column, mass concrete, pre-cast slabs etc.)	-	5.4	Cum
i)	BRM340 : Cement	3.4733	18.75582	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	2.43	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	1.944	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	2.916	1 Cum.

v)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.004005	0.021627	1Cum.
vi)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.189	1.0206	1Mtr.
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 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)	-	5.448	Cum
i)	BRM340 : Cement	3.4733	18.9225384	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	2.4516	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	1.96128	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	2.94192	1 Cum.

v)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	4.4196	24.0779808	1Mtr
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.041529	0.226249992	1Cum.
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)	-	1.4115	Cum
i)	BRM340 : Cement	3.4733	4.90256295	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.635175	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	0.50814	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	0.76221	1 Cum.

v)	BRM094 : Non-sal bullahs 125mm. mean dia of any length.	3.7695	5.32064925	1Mtr.
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0741335	0.10463943525	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)	-	10.40325	Cum
i)	BRM340 : Cement	3.4733	36.133608225	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	4.6814625	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	3.74517	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	5.617755	1 Cum.

v)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	6.2216	64.7248602	1Mtr
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0502172	0.5224220859	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.	-	19.21	Qntl
i)	BRM162 : Binding Wire.	0.8	15.368	1 Kg.
ii)	BRM341 : Steel	1.05	20.1705	1 Qntl.
9	Plastering (AR1027) :.6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping (Inside) - 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside including chipping with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc comp. and as per the direction of the Engineer-in-charge.	-	163.2165	Sqm
i)	BRM340 : Cement	0.0372	6.0716538	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.0075	1.22412375	1 Cum

10	Painting(AR0918h) :.Finishing wall with two coats weather coat paint of approved shade including one coat of water bound primer in the outer surface of old work(Outside). - Finishing wall with two coats weather coat paint of approved shade including one coat of water bound primer in the outer surface of old work to give an even shade including all costs of labour, Paint, Brushes, and putty required for the work, etc. complete and as per direction of Engineer-in-charge. (Outside)	-	163.2165	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.125	20.4020625	1 Ltr
ii)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.090322580645161	14.742135483871	1 Ltr

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	2.592	1 Cum	347.95	901.8864
2	BRM340	108.510620015	1 Qntl.	586.502	63641.695660038
3	BRM028	16.39516893	1 Cum	483.09	7920.3421583937
4	BRM044	9.94561536	1 Cum.	1281.71	12747.394663066
5	BRM060	8.15859	1 Cum.	1756.21	14328.1973439
6	BRM052	12.237885	1 Cum.	1723.4	21090.771009
7	BRM104	0.87493851315	1Cum.	58573.086	51247.848775447
8	BRM092	1.0206	1Mtr.	229.106	233.8255836
9	BRM084	88.802841	1Mtr	250.166	22215.451521606
10	BRM094	5.32064925	1Mtr.	240.106	1277.5198088205
11	BRM162	15.368	1 Kg.	90.1	1384.6568
12	BRM341	20.1705	1 Qntl.	6217.337	125406.7959585
13	BRM255	20.4020625	1 Ltr	193.24787	3942.6551217319
14	BRM253	14.742135483871	1 Ltr	155.84787	2297.5304144127

Total: 328636.57121851

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
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1	BRM029	2.592	1 Cum	309.35	801.8352
2	BRM028	16.39516893	1 Cum	309.35	5071.8455084955
3	BRM044	9.94561536	1 Cum.	488.75	4860.9195072
4	BRM060	8.15859	1 Cum.	488.75	3987.5108625
5	BRM052	12.237885	1 Cum.	488.75	5981.26629375
Total: 20703.377371945					

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 5500	Rs. 5500
2	Display Citizen Board @ Rs. 1197.67	Rs. 1197.67
Total Addition Component Amount (in Rs.): 6697.67		

Total Net Amount (in Rs.): 549999.99360113