

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Koraput	<b>Block</b>	Kotpad	<b>Gram Panchayat</b>	Bobeya

<b>Work Code</b>	OD/363/3472/119814/428190/00069067 (Construction of Market Shed at Bobeya Haat)
<b>Project Category</b>	Building

<b>Financial Year</b>	2025-26	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Kotpad	<b>Proposal Date</b>	-
<b>Date of Commencement</b>	-	<b>Date of Completion</b>	
<b>Scheme Name</b>	Bikashita Gaon Bikashita Odisha	<b>Scheme Component Name</b>	Viksit Gaon Vikshit Odisha (VGVO)
<b>Project Sub-Category</b>	Market Complex	<b>Project Type</b>	New Work
<b>Name of Executant</b>			

### Administrative Approval Details

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

<b>Technical Sanction No.</b>	
<b>Fund Sanction No.</b>	5436
<b>Fund Sanction Amount (in Rs.)</b>	543750

### ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
1	<p><b>Earth Work (AR0115) :</b>  <b>Filling foundation and plinth with sand well watered and rammed -</b>            Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T &amp; P required for the work etc. complete and as per direction of Engineer-in charge.</p>	Cum	56.4761	647.009232	36540.558087355

2	<p style="text-align: center;"><b>Concrete (AR0303) :</b>  <b>Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal</b> - Cement concrete (1:3:6) with 4 cm. hard granite(Crusher Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&amp;P required for the work etc. complete and as per direction of Engineer-in charge.</p>	Cum	12.82192	5619.0159008	72046.572358786
3	<p style="text-align: center;"><b>Concrete (AR0307) :</b>  <b>Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum</b> - Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&amp;P required for the work etc. complete as per specifcaion and direction of Engineer-in charge.</p>	Cum	8.47294	7116.6181256	60298.678381121

4	<p style="text-align: center;"><b>Masonry Brick Work (AR0603c) :</b> <b>Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth -</b> 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/cm<sup>2</sup> with dimensional tolerance ±8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&amp;P required for the work, etc. complete and as per direction of Engineer-in- charge.</p>	Cum	15.7054	5089.32251584	79929.845840274
5	<p style="text-align: center;"><b>Iron Work (AR1703) : Iron work wrought and put up in trusses and record racks</b> - Iron work wrought and put up in trusses and record racks including all cost of labour, material, machinery and T &amp; P required for the work etc. as per direction of Engineer-in- Charge.</p>	Qntl	11.777706	13257.616622252	156144.3108376

6	<p style="text-align: center;"><b>Roofing (AR1132i) :</b>  <b>Supplying, feeting &amp; fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties -</b>  Supplying, fitting &amp;  fixing of G.C.I.  Sheet (0.40mm  thick) in roof drilling  hole in wind ties  including fixing of  ridges valleys wind  ties etc. including  cost of fitting,  Labour and  material etc.  complete as per  direction of  Engineer-in-  Charge</p>	Sqm	134.7	537.91264772832	72456.833649005
7	<p><b>Plastering (AR1014) : 16mm thick cement Plaster in CM (1:6) over brick work in inside. -</b>  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 &amp; P required  for the work etc  comp.and as per  direction of  Engineer-in-  charge.</p>	Sqm	37.587	243.39632056	9148.5375008887

8	<p style="text-align: center;"><b>Painting (AR0917h) : Finishing wall with one coat weather coat paint of approved shade including one coat of water bound primer in the outer surface of old work (Outside) -</b></p> <p>Finishing wall with one coat 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	37.587	129.97048576694	4885.200648522
9	<p style="text-align: center;"><b>Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift -</b></p> <p>Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per the direction of the Engineer-in-charge</p>	Cum	16.7778	240.77592	4039.690230576

10	<b>Flooring (AR0802i) : 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher broken chips - 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher broken chips including punning incl. cost, conveyance &amp; royalty of materials as per direction of Engineer-in-charge.</b>	Sqm	93.696	368.051259476	34484.930807863
<b>Total Amount (in Rs.): 529975.15834199</b>					

### LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	<b>Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed - Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T &amp; P required for the work etc. complete and as per direction of Engineer-in charge.</b>	-	56.4761	Cum
i	Un-Skilled	0.1236	6.98044596	-

2	<p><b>Concrete (AR0303) :</b>  <b>Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal -</b>  Cement concrete (1:3:6) with 4 cm. hard granite(Crusher Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&amp;P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	12.82192	Cum
i	Skilled	0.18	2.3079456	-
ii	Un-Skilled	3.9	50.005488	-
3	<p><b>Concrete (AR0307) :</b>  <b>Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum -</b>  Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&amp;P required for the work etc. complete as per specificaion and direction of Engineer-in charge.</p>	-	8.47294	Cum
i	Un-Skilled	4.6	38.975524	-

	ii	Skilled	0.68	5.7615992	-
4		<p><b>Masonry Brick Work (AR0603c) : Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth</b>  - 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/cm<sup>2</sup> with dimensional tolerance ±8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&amp;P required for the work, etc. complete and as per direction of Engineer-in-charge.</p>	-	15.7054	Cum
	i	Un-Skilled	2.96	46.487984	-
	ii	Skilled	1.05	16.49067	-
	iii	Highly-Skilled	0.35	5.49689	-
5		<p><b>Iron Work (AR1703) : Iron work wrought and put up in trusses and record racks -</b>  Iron work wrought and put up in trusses and record racks including all cost of labour, material, machinery and T &amp; P required for the work etc. as per direction of Engineer-in-Charge.</p>	-	11.777706	Qntl
	i	Un-Skilled	4.9212598425197	57.961151574803	-

	ii	Semi-Skilled	1.9685039370079	23.184460629921	-
	iii	Skilled	4.4291338582677	52.165036417323	-
6		<b>Roofing (AR1132i) : Supplying, feeting &amp; fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties -</b> Supplying, fitting & fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties including fixing of ridges valleys wind ties etc. including cost of fitting, Labour and material etc. complete as per direction of Engineer-in-Charge	-	134.7	Sqm
	i	Un-Skilled	0.21505376344086	28.967741935484	-
	ii	Highly-Skilled	0.16129032258065	21.725806451613	-
7		<b>Plastering (AR1014) : 16mm thick cement Plaster in CM (1:6) over brick work in inside. -</b> 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.	-	37.587	Sqm
	i	Un-Skilled	0.24	9.02088	-

	ii	Skilled	0.16	6.01392	-
8		<b>Painting (AR0917h) : Finishing wall with one coat weather coat paint of approved shade including one coat of water bound primer in the outer surface of old work (Outside) -</b> Finishing wall with one coat 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)	-	37.587	Sqm
	i	Highly-Skilled	0.089763440860215	3.3739384516129	-
	ii	Un-Skilled	0.096763440860215	3.6370474516129	-
9		<b>Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift -</b> Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per the direction of the Engineer-in-charge	-	16.7778	Cum

	i	Un-Skilled	0.516	8.6573448	-
10		<b>Flooring (AR0802i) :</b> <b>2.5 cm thick A.S.</b> <b>flooring in C.C (1:2:4)</b> <b>with 12 mm size HG</b> <b>crusher broken chips</b> - 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher broken chips including punning incl. cost, conveyance & royalty of materials as per direction of Engineer-in-charge.	-	93.696	Sqm
	i	Un-Skilled	0.36	33.73056	-
	ii	Highly-Skilled	0.13	12.18048	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	284.4241677219	462	131403.96548752
2	Skilled	82.739171217323	562	46499.414224135
3	Highly-Skilled	42.777114903226	612	26179.594320774
4	Semi-Skilled	23.184460629921	512	11870.44384252
				<b>Total: 215953.41787495</b>

## MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
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1	<b>Earth Work (AR0115)</b> :.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.	-	56.4761	Cum
i)	<b>BRM029</b> : Sand for filling and road blinding	1	56.4761	1 Cum
2	<b>Concrete (AR0303)</b> :.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.	-	12.82192	Cum
i)	<b>BRM340</b> : Cement	2.29	29.3621968	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	6.1545216	1 Cum
iii)	<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	12.3090432	1 Cum.

3	<p><b>Concrete (AR0307)</b>  <b>:.Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum -</b>  Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&amp;P required for the work etc. complete as per specificaion and direction of Engineer-in charge.</p>	-	8.47294	Cum
i)	<b>BRM340</b> : Cement	3.23	27.3675962	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	3.812823	1 Cum
iii)	<b>BRM056</b> : Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve & retained on 9.50mm sieve but whole should pass through 19mm sieve) (Crusher broken)	0.9	7.625646	1 Cum.
4	<p><b>Masonry Brick Work (AR0603c) :.Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth</b>  - 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&amp;P required for the work, etc. complete and as per direction of Engineer-in-charge.</p>	-	15.7054	Cum

i)	<b>BRM006</b> : 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	6282.16	1000 Nos
ii)	<b>BRM340</b> : Cement	0.672	10.5540288	1 Qntl.
iii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.28	4.397512	1 Cum
5	<b>Iron Work(AR1703)</b> :.Iron work wrought and put up in trusses and record racks - Iron work wrought and put up in trusses and record racks including all cost of labour, material, machinery and T & P required for the work etc. as per direction of Engineer-in-Charge.	-	<b>11.777706</b>	Qntl
i)	<b>BRM341</b> : Steel	1	11.777706	1 Qntl.
6	<b>Roofing (AR1132i)</b> :.Supplying, feeting & fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties - Supplying, fitting & fixing of G.C.I. Sheet (0.40mm thick) in roof drilling hole in wind ties including fixing of ridges valleys wind ties etc. including cost of fitting, Labour and material etc. complete as per direction of Engineer-in-Charge	-	<b>134.7</b>	Sqm
i)	<b>BRM150</b> : G.C.I. Sheet 0.40mm thick	1	134.7	1 Sqm.

7	<b>Plastering (AR1014)</b> :.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.	-	37.587	Sqm
i)	<b>BRM340</b> : Cement	0.043	1.616241	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.018	0.676566	1 Cum
8	<b>Painting(AR0917h)</b> :.Finishing wall with one coat weather coat paint of approved shade including one coat of water bound primer in the outer surface of old work (Outside) - Finishing wall with one coat 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)	-	37.587	Sqm
i)	<b>BRM255</b> : Weather Coat (I.S.I.)	0.075	2.819025	1 Ltr
ii)	<b>BRM253</b> : Wall cement primer (I.S.I.) Water bound	0.090322580645161	3.3949548387097	1 Ltr

9	<b>Earth Work (AR0102aa) :.Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift -</b> Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per the direction of the Engineer-in-charge	-		<b>16.7778</b>	Cum
10	<b>Flooring (AR0802i) :.2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher broken chips</b> - 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher broken chips including punning incl. cost, conveyance & royalty of materials as per direction of Engineer-in-charge.	-		<b>93.696</b>	Sqm
i)	<b>BRM340</b> : Cement	0.0858		8.0391168	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.012		1.124352	1 Cum
iii)	<b>BRM056</b> : Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve & retained on 9.50mm sieve but whole should pass through 19mm sieve) (Crusher broken)	0.023		2.155008	1 Cum.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM029</b>	56.4761	1 Cum	543.25	30680.641325
2	<b>BRM340</b>	76.9391796	1 Qntl.	590.122	45403.502543911
3	<b>BRM028</b>	16.1657746	1 Cum	547.17	8845.426887882
4	<b>BRM044</b>	12.3090432	1 Cum.	1726.96	21257.225244672
5	<b>BRM056</b>	9.780654	1 Cum.	2128.33	20816.45932782
6	<b>BRM006</b>	6282.16	1000 Nos	5.59962	35177.7087792
7	<b>BRM341</b>	11.777706	1 Qntl.	6240.132	73494.440097192

8	<b>BRM150</b>	134.7	1 Sqm.	334.5222638	45060.14893386
9	<b>BRM255</b>	2.819025	1 Ltr	195.21622	550.3194045855
10	<b>BRM253</b>	3.3949548387097	1 Ltr	159.45622	541.34666565135
<b>Total: 281827.21920977</b>					

### ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	<b>BRM029</b>	56.4761	1 Cum	40.25	2273.163025
2	<b>BRM028</b>	16.1657746	1 Cum	40.25	650.67242765
3	<b>BRM044</b>	12.3090432	1 Cum.	149.5	1840.2019584
4	<b>BRM056</b>	9.780654	1 Cum.	149.5	1462.207773
<b>Total: 6226.24518405</b>					

### ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 5450	Rs. 5450
2	Display Citizen Board @ Rs. 5000	Rs. 5000
3	Any Other Lumpsum @ Rs. 3320	Rs. 3320
<b>Total Addition Component Amount (in Rs.): 13770</b>		

**Total Net Amount (in Rs.): 543745.15834199**