

ESTIMATION DPR							
State	Odisha	District	Sambalpur	Block	Rengali	Gram Panchayat	Salad

Work Code	OD/371/3566/121422/381695/00074841 (Beautification and Colouring of Samalie Mandap at Mangalpur.)						
Project Category	Other Infrastructure						

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Rengali	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	Crematorium	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.	2646
Fund Sanction Amount (in Rs.)	547843

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;">Painting (AR0901d) : Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface) - Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.</p>	Sqm	331.756613	71.83753306751	23832.576656753
2	<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	22.4269056	240.77592	5399.8588285932

3	<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	16.8201792	645.049832	10849.85376717
4	<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	9.344544	5406.8829748	50524.855860869

5	<p style="text-align: center;">Flooring (AR0817aa) : Fixing Vitrified 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) - Fixing Vitrified 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 Vitrified tiles including rubbing and polishing complete including cost of precast tiles.</p>	Sqm	111.4836	1527.933302601	170339.50513385
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6	<p style="text-align: center;">Flooring (AR0816e) : Fixing Granite Tiles Up to 0.10 Sqm. 10mm thick in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1 - Fixing Granite Tiles Up to 0.10 Sqm. 10mm thick in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1 (1cement: 1sand) jointed with neat cement slurry mixed with pigment to match the shades of the Granite tiles including rubbing and polishing, cost of precast tiles complete as per direction of Enginer-in-charge.</p>	Sqm	18.5806	1945.376493905	36146.262482651
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7	<p align="center">Other Building Items. (AR1911) :</p> <p>Stainless steel of 304 grade in hand railing using 50mm dia of 2mm - Supplying, fitting and fixing of Stainless steel of 304 grade in hand railing using 50mm dia of 2mm thick circular pipe with Balustrade of size 32mm x 32mm x 2mm @ 0.90mtr. C/C and stainless square pipe bracing of size 32mm x 32mm x 2mm in 3 rows in staircase as per approved design and specification, buffing, polishing etc with cost, conveyance, taxes of all materials, labour, T&P etc. required for the complete in all respect. and as per direction of Engineer in Charge</p>	Rmt	18.287999414784	3129.0244276074	57223.596900929
8	<p align="center">Roofing (AR1132i) :</p> <p>Supplying, fitting & 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</p>	Sqm	100	537.51755491832	53751.755491832

9	<p align="center">Iron Work (AR1703) : Iron work wrought and put up in trusses and record racks</p> <p>- 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.</p>	Qntl	2.5	13492.584436252	33731.46109063
10	<p align="center">Painting (AR0918ca) : Finishing wall two coats with weather coat with one coat oilbound Primer</p> <p>- Finishing wall surface two coats with weather coat with one coat oilbound 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	603.8695	156.86604451751	94726.619869767
Total Amount (in Rs.): 536526.34608304					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
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1	<p>Painting (AR0901d) : Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface) - Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.</p>	-	331.756613	Sqm
i	Highly-Skilled	0.053763440860215	17.836377043011	-
ii	Un-Skilled	0.053763440860215	17.836377043011	-
2	<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>	-	22.4269056	Cum
i	Un-Skilled	0.516	11.5722832896	-

3	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.	-	16.8201792	Cum
	i Un-Skilled	0.1236	2.07897414912	-
4	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.	-	9.344544	Cum
	i Skilled	0.18	1.68201792	-
	ii Un-Skilled	3.9	36.4437216	-

5	<p>Flooring (AR0817aa) : Fixing Vitrified 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) - Fixing Vitrified 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 Vitrified tiles including rubbing and polishing complete including cost of precast tiles.</p>	-	111.4836	Sqm
i	Highly-Skilled	0.325	36.23217	-
ii	Un-Skilled	0.325	36.23217	-
iii	Semi-Skilled	0.76	84.727536	-

6	Flooring (AR0816e) : Fixing Granite Tiles Up to 0.10 Sqm. 10mm thick in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1 - Fixing Granite Tiles Up to 0.10 Sqm. 10mm thick in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1 (1cement: 1sand) jointed with neat cement slurry mixed with pigment to match the shades of the Granite tiles including rubbing and polishing, cost of precast tiles complete as per direction of Enginer-in- charge.	-	18.5806	Sqm
i	Un-Skilled	0.216	4.0134096	-
ii	Highly-Skilled	0.216	4.0134096	-
iii	Semi-Skilled	0.55	10.21933	-

7	<p>Other Building Items. (AR1911) : Stainless steel of 304 grade in hand railing using 50mm dia of 2mm - Supplying, fitting and fixing of Stainless steel of 304 grade in hand railing using 50mm dia of 2mm thick circular pipe with Balustrade of size 32mm x 32mm x 2mm @ 0.90mtr. C/C and stainless square pipe bracing of size 32mm x 32mm x 2mm in 3 rows in staircase as per approved design and specification, buffing, polishing etc with cost, conveyance, taxes of all materials, labour, T&P etc. required for the complete in all respect. and as per direction of Engineer in Charge</p>	-	18.287999414784	Rmt	
	i	Semi-Skilled	0.27300613496933	4.9927360365515	-
	ii	Highly-Skilled	0.27300613496933	4.9927360365515	-
8	<p>Roofing (AR1132i) : 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</p>	-	100	Sqm	
	i	Un-Skilled	0.21505376344086	21.505376344086	-

	ii	Highly-Skilled	0.16129032258065	16.129032258065	-
9		Iron Work (AR1703) : 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.	-	2.5	Qntl
	i	Un-Skilled	4.9212598425197	12.303149606299	-
	ii	Semi-Skilled	1.9685039370079	4.9212598425197	-
	iii	Skilled	4.4291338582677	11.072834645669	-
10		Painting (AR0918ca) : Finishing wall two coats with weather coat with one coat oilbound Primer - Finishing wall surface two coats with weather coat with one coat oilbound 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)	-	603.8695	Sqm
	i	Un-Skilled	0.11776344086022	71.113750150538	-
	ii	Highly-Skilled	0.10776344086022	65.075055150538	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
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1	Highly-Skilled	144.27878008816	612	88298.613413957
2	Un-Skilled	213.09921178265	462	98451.835843586
3	Skilled	12.754852565669	562	7168.2271419061
4	Semi-Skilled	104.86086187907	512	53688.761282084
				Total: 247607.43768153

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Painting(AR0901d) :.Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface) - Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.	-	331.756613	Sqm
i)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.084	27.867555492	1 Ltr

2	<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>	-	22.4269056	Cum
3	<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>	-	16.8201792	Cum
i)	BRM029 : Sand for filling and road blinding	1	16.8201792	1 Cum
4	<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>	-	9.344544	Cum
i)	BRM340 : Cement	2.29	21.39900576	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	4.48538112	1 Cum

iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	8.97076224	1 Cum.
5	Flooring (AR0817aa) :.Fixing Vitrified 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) - Fixing Vitrified 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 Vitrified tiles including rubbing and polishing complete including cost of precast tiles.	-	111.4836	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 la) of sizes Vitrified Tile 600mmx600mm Plain (Ivory)	1	111.4836	1 Sqm.
ii)	BRMMR0027 : Wax Polish	1	111.4836	1 Sqm
iii)	BRM340 : Cement	0.1375	15.328995	1 Qntl.
iv)	BRM028 : Screened and washed sharp sand for mortar	0.015	1.672254	1 Cum

6	<p>Flooring (AR0816e) :.Fixing Granite Tiles Up to 0.10 Sqm. 10mm thick in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1 - Fixing Granite Tiles Up to 0.10 Sqm. 10mm thick in floor , treads or steps and landing on a 25mm thick bed of cement mortar 1:1 (1cement: 1sand) jointed with neat cement slurry mixed with pigment to match the shades of the Granite tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.</p>	-	18.5806	Sqm
i)	BRM123 : Granite Tiles Up to 0.10 Sqm. (10mm thick)	1	18.5806	1 Sqm.
ii)	BRMMR0027 : Wax Polish	1	18.5806	1 Sqm
iii)	BRM340 : Cement	0.2737	5.08551022	1 Qntl.
iv)	BRM028 : Screened and washed sharp sand for mortar	0.013	0.2415478	1 Cum
7	<p>Other Building Items. (AR1911) :.Stainless steel of 304 grade in hand railing using 50mm dia of 2mm - Supplying, fitting and fixing of Stainless steel of 304 grade in hand railing using 50mm dia of 2mm thick circular pipe with Balustrade of size 32mm x 32mm x 2mm @ 0.90mtr. C/C and stainless square pipe bracing of size 32mm x 32mm x 2mm in 3 rows in staircase as per approved design and specification, buffing, polishing etc with cost, conveyance, taxes of all materials, labour, T&P etc. required for the complete in all respect. and as per direction of Engineer in Charge</p>	-	18.287999414784	Rmt
i)	BRMMR0024 : Buffing, Polishing etc.	0.30674846625767	5.6098157714061	L.S.

ii)	BRMMR0023 : Fabrication	10.478527607362	191.63130675123	kg
iii)	BRMMR0022 : Stainless steel square pipe bracing of size 32mmx32mmx2mm in 3 rows	5.101226993865	93.291236278484	kg
iv)	BRMMR0021 : Balustrade of size 30mmx32mmx2mm	1.8773006134969	34.332072521006	kg
v)	BRMMR0020 : Railing 50mm outer dia of 2mm thick	3.5	64.007997951744	kg
8	Roofing (AR1132i) :.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	-	100	Sqm
i)	BRM150 : G.C.I. Sheet 0.40mm thick	1	100	1 Sqm.
9	Iron Work(AR1703) :.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.	-	2.5	Qntl
i)	BRM341 : Steel	1	2.5	1 Qntl.

10	Painting(AR0918ca) :.Finishing wall two coats with weather coat with one coat oilbound Primer - Finishing wall surface two coats with weather coat with one coat oilbound 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)	-	603.8695	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.125	75.4836875	1 Ltr
ii)	BRM252 : Wall cement primer (I.S.I.) Oil bound	0.084	50.725038	1 Ltr

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM253	27.867555492	1 Ltr	159.33732	4440.3416070466
2	BRM029	16.8201792	1 Cum	541.31	9104.931202752
3	BRM340	41.81351098	1 Qntl.	572.732	23947.935770597
4	BRM028	6.39918292	1 Cum	808.59	5174.3153172828
5	BRM044	8.97076224	1 Cum.	1421.31	12750.234079334
6	BRM131	111.4836	1 Sqm.	661.2375001	73717.136966148
7	BRMMR0027	130.0642	1 Sqm	8.5	1105.5457
8	BRM123	18.5806	1 Sqm.	1193.0875001	22168.281604358
9	BRMMR0024	5.6098157714061	L.S.	178.42	1000.9033299343
10	BRMMR0023	191.63130675123	kg	10	1916.3130675123
11	BRMMR0022	93.291236278484	kg	256.62	23940.397053785
12	BRMMR0021	34.332072521006	kg	256.62	8810.2964503404
13	BRMMR0020	64.007997951744	kg	240.24	15377.281427927
14	BRM150	100	1 Sqm.	334.1310828	33413.10828
15	BRM341	2.5	1 Qntl.	6435.472	16088.68
16	BRM255	75.4836875	1 Ltr	195.09732	14726.665134967
17	BRM252	50.725038	1 Ltr	125.80732	6381.5810876782
Total: 274063.94807966					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
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1	BRM029	16.8201792	1 Cum	40.25	677.0122128
2	BRM028	6.39918292	1 Cum	40.25	257.56711253
3	BRM044	8.97076224	1 Cum.	149.5	1341.12895488
4	BRM123	18.5806	1 Sqm.	16.45	305.65087
Total: 2581.35915021					

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 5478	Rs. 5478
2	Display Citizen Board @ Rs. 3000	Rs. 3000
3	Any Other Lumpsum @ Rs. 2838	Rs. 2838
Total Addition Component Amount (in Rs.): 11316		

Total Net Amount (in Rs.): 547842.34608304