

ESTIMATION DPR							
State	Odisha	District	Gajapati	Block	Nuagada	Gram Panchayat	Parimala

Work Code	OD/353/3361/117530/414108/00070855 (Construction of play field with sports infrastructure at Parimala)						
Project Category	Other Infrastructure						

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Nuagada	Proposal Date	10-06-2025
Date of Commencement	-	Date of Completion	
Scheme Name	Bikashita Gaon Bikashita Odisha	Scheme Component Name	Viksit Gaon Vikshit Odisha (VGVO)
Project Sub-Category	Play Field	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.	3942
Fund Sanction Amount (in Rs.)	600000

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;">Site Clearance (AR1403ii) : Clearing and grubbing road land including uprooting rank vegetation, grass, bushes, shrubs, saplings and trees girth up to 300 mm, removal of stumps of trees cut earlier and disposal of unserviceable materials - Clearing and grubbing road land including uprooting rank vegetation, grass, bushes, shrubs, saplings and trees girth up to 300 mm, removal of stumps of trees cut earlier and disposal of unserviceable materials and stacking of serviceable material to be used or auctioned, up to a lead of 1000 meters including removal and disposal of top organic soil not exceeding 150 mm in thickness and as per direction of Engineer-in-Charge (in area of thorny jungle)</p>	Sqm	3721	9.8183211	36533.9728131
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2	<p style="text-align: center;">Earth Work (AR0103a) : Earth work in stoney earth and gravels mixed with stone and boulder not exceeding 0.014cum in volume within 50m. Initial lead and 1.5m initial lift - Earth work in stoney earth and gravels mixed with stone and boulder not exceeding 0.014cum in volume within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layer not exceeding 0.3m in depth and as per specification approved by the department</p>	Cum	16.2	312.915372	5069.2290264
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3	<p style="text-align: center;">Special items for irrigation works (AR0216) :</p> <p>Excavation, loading, unloading, and carriage by mechanical means of all kinds of soil, including stoney earth, gravel, and moorum etc interspread with boulders upto 1/2 cum within an initial lead of 1km from the place of excavation. -</p> <p>Excavation, loading, unloading, and carriage by mechanical means of all kinds of soil, including stoney earth, gravel, and moorum etc interspread with boulders upto 1/2 cum size with all lifts and delifts including trimming of slopes and bed to design section and depositing the the excavated materials away from work site as per the specification and as directed by the Engineer-in-charge within an initial lead of 1km from the place of excavation complete. Per 1 cum.</p>	Cum	900	67.165	60448.5
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4	<p>miscellaneous (ARM308) : Excavation, loading & carriage by mechanical means in medium hard rock (can not be scapped or peeled with knife, hanheld specimen can be broken with single moderate blow with pick, crushing strength between 100 to 250 kg/sqcm) in canal, foundation & cut-o - Excavation, loading & carriage by mechanical means in medium hard rock (can not be scapped or peeled with knife, hanheld specimen can be broken with single moderate blow with pick, crushing strength between 100 to 250 kg/sqcm) in canal, foundation & cut-off trenches of earth dam & other deep cutting by means of Rock Breaker with all lifts, delifts including trimming the bed & slopes to designed finished section loading into & transportation by transport vehicle within 1 KM lead & depositing the excavated materials neatly in specific dump yard as directed by the Engineer-in-charge etc. complete. (Special Items for Irrigation works) .</p>	Cum	700	597.8	418460
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5	<p style="text-align: center;">Earth Work (AR0120) : Excavation of foundation in laterite rock or any hard rock (other than granite or disintegrated rock) removed by chiselling including dressing and levelling the bed not exceeding 1.5m in depth and depositing the soil within initial lead of 50m - Excavation of foundation in laterite rock or any hard rock (other than granite or disintegrated rock) removed by chiselling including dressing and levelling the bed not exceeding 1.5m in depth and depositing the soil within initial lead of 50m and as per specification approved by the Department</p>	Cum	31.464	2094.19056	65891.61177984
Total Amount (in Rs.): 586403.31361934					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
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1	<p>Site Clearance (AR1403ii) : Clearing and grubbing road land including uprooting rank vegetation, grass, bushes, shrubs, saplings and trees girth up to 300 mm, removal of stumps of trees cut earlier and disposal of unserviceable materials - Clearing and grubbing road land including uprooting rank vegetation, grass, bushes, shrubs, saplings and trees girth up to 300 mm, removal of stumps of trees cut earlier and disposal of unserviceable materials and stacking of serviceable material to be used or auctioned, up to a lead of 1000 meters including removal and disposal of top organic soil not exceeding 150 mm in thickness and as per direction of Engineer-in-Charge (in area of thorny jungle)</p>	-	3721	Sqm
i	Un-Skilled	0.02	74.42	-
ii	Semi-Skilled	0.0008	2.9768	-

2	<p>Earth Work (AR0103a) : Earth work in stoney earth and gravels mixed with stone and boulder not exceeding 0.014cum in volume within 50m. Initial lead and 1.5m initial lift - Earth work in stoney earth and gravels mixed with stone and boulder not exceeding 0.014cum in volume within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layer not exceeding 0.3m in depth and as per specification approved by the department</p>	-	16.2	Cum
i	Un-Skilled	0.6706	10.86372	-

3	<p>Special items for irrigation works (AR0216) : Excavation, loading, unloading, and carriage by mechanical means of all kinds of soil, including stoney earth, gravel, and moorum etc interspread with boulders upto 1/2 cum within an initial lead of 1km from the place of excavation. - Excavation, loading, unloading, and carriage by mechanical means of all kinds of soil, including stoney earth, gravel, and moorum etc interspread with boulders upto 1/2 cum size with all lifts and delifts including trimming of slopes and bed to design section and depositing the the excavated materials away from work site as per the specification and as directed by the Engineer-in-charge within an initial lead of 1km from the place of excavation complete. Per 1 cum.</p>	-	900	Cum
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4	<p>miscellaneous (ARM308) : Excavation, loading & carriage by mechanical means in medium hard rock (can not be scapped or peeled with knife, hanheld specimen can be broken with single moderate blow with pick, crushing strength between 100 to 250 kg/sqcm) in canal, foundation & cut-o - Excavation, loading & carriage by mechanical means in medium hard rock (can not be scapped or peeled with knife, hanheld specimen can be broken with single moderate blow with pick, crushing strength between 100 to 250 kg/sqcm) in canal, foundation & cut-off trenches of earth dam & other deep cutting by means of Rock Breaker with all lifts, delifts including trimming the bed & slopes to designed finished section loading into & transportation by transport vehicle within 1 KM lead & depositing the excavated materials neatly in specific dump yard as directed by the Engineer-in-charge etc. complete. (Special Items for Irrigation works) .</p>	-	700	Cum
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5	<p>Earth Work (AR0120) : Excavation of foundation in laterite rock or any hard rock (other than granite or disintegrated rock) removed by chiselling including dressing and levelling the bed not exceeding 1.5m in depth and depositing the soil within initial lead of 50m -</p> <p>Excavation of foundation in laterite rock or any hard rock (other than granite or disintegrated rock) removed by chiselling including dressing and levelling the bed not exceeding 1.5m in depth and depositing the soil within initial lead of 50m and as per specification approved by the Department</p>	-	31.464	Cum
i	Un-Skilled	4.488	141.210432	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	226.494152	462	104640.298224
2	Semi-Skilled	2.9768	512	1524.1216
Total: 106164.419824				

MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
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1	<p>Site Clearance (AR1403ii) :.Clearing and grubbing road land including uprooting rank vegetation, grass, bushes, shrubs, saplings and trees girth up to 300 mm, removal of stumps of trees cut earlier and disposal of unserviceable materials - Clearing and grubbing road land including uprooting rank vegetation, grass, bushes, shrubs, saplings and trees girth up to 300 mm, removal of stumps of trees cut earlier and disposal of unserviceable materials and stacking of serviceable material to be used or auctioned, up to a lead of 1000 meters including removal and disposal of top organic soil not exceeding 150 mm in thickness and as per direction of Engineer-in-Charge (in area of thorny jungle)</p>	-	3721	Sqm
2	<p>Earth Work (AR0103a) :.Earth work in stoney earth and gravels mixed with stone and boulder not exceeding 0.014cum in volume within 50m. Initial lead and 1.5m initial lift - Earth work in stoney earth and gravels mixed with stone and boulder not exceeding 0.014cum in volume within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layer not exceeding 0.3m in depth and as per specification approved by the department</p>	-	16.2	Cum

3	<p>Special items for irrigation works(AR0216) .Excavation, loading, unloading, and carriage by mechanical means of all kinds of soil, including stoney earth, gravel, and moorum etc interspread with boulders upto 1/2 cum within an initial lead of 1km from the place of excavation. - Excavation, loading, unloading, and carriage by mechanical means of all kinds of soil, including stoney earth, gravel, and moorum etc interspread with boulders upto 1/2 cum size with all lifts and delifts including trimming of slopes and bed to design section and depositing the the excavated materials away from work site as per the specification and as directed by the Engineer-in-charge within an initial lead of 1km from the place of excavation complete. Per 1 cum.</p>	-	900	Cum
i)	<p>BRMMR0065 : Add for trimming of slope and bed manually.</p>	1	900	L.S.
ii)	<p>BRMMR0102 : Cost of mechanical excavation per cum without supervision charge for item AR0216</p>	1	900	Cum
iii)	<p>BRMMR0104 : ost of transportation of loose earth within the initial lead of 1 km, excluding supervision charges - AR0216</p>	1	900	Cum

4	<p>miscellaneous(ARM30 8) :.Excavation, loading & carriage by mechanical means in medium hard rock (can not be scapped or peeled with knife, hanheld specimen can be broken with single moderate blow with pick, crushing strength between 100 to 250 kg/sqcm) in canal, foundation & cut-o - Excavation, loading & carriage by mechanical means in medium hard rock (can not be scapped or peeled with knife, hanheld specimen can be broken with single moderate blow with pick, crushing strength between 100 to 250 kg/sqcm) in canal, foundation & cut-off trenches of earth dam & other deep cutting by means of Rock Breaker with all lifts, delifts including trimming the bed & slopes to designed finished section loading into & transportation by transport vehicle within 1 KM lead & depositing the excavated materials neatly in specific dump yard as directed by the Engineer-in-charge etc. complete. (Special Items for Irrigation works) .</p>	-	700	Cum
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i)	BRMM308 : Excavation, loading & carriage by mechanical means in medium hard rock (can not be scapped or peeled with knife, hanheld specimen can be broken with single moderate blow with pick, crushing strength between 100 to 250 kg/sqcm) in canal, foundation & cut-off trenches of earth dam & other deep cutting by means of Rock Breaker with all lifts, delifts including trimming the bed & slopes to designed finished section loading into & transportation by transport vehicle within 1 KM lead & depositing the excavated materials neatly in specific dump yard as directed by the Engineer-in-charge etc. complete. (Special Items for Irrigation works)	1	700	1 Cum
5	Earth Work (AR0120) :.Excavation of founation in laterite rock or any hard rock (other than granite or disintigrated rock) removed by chiselling including dressing and levelling the bed not exceeding 1.5m in depth and depositing the soil within initial lead of 50m - Excavation of founation in laterite rock or any hard rock (other than granite or disintigrated rock) removed by chiselling including dressing and levelling the bed not exceeding 1.5m in depth and depositing the soil within initial lead of 50m and as per specification approved by the Department	-	31.464	Cum

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRMMR0065	900	L.S.	1	900
2	BRMMR0102	900	Cum	25.01	22509

3	BRMMR0104	900	Cum	40.49	36441
4	BRMM308	700	1 Cum	597.8	418460
					Total: 478310

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 6000	Rs. 6000
2	Display Citizen Board @ Rs. 5000	Rs. 5000
3	Any Other Lumpsum @ Rs. 2596.68	Rs. 2596.68
		Total Addition Component Amount (in Rs.): 13596.68

Total Net Amount (in Rs.): 599999.99361934