

ESTIMATION DPR							
State	Odisha	District	Koraput	Block	Nandapur	Gram Panchayat	Thuba

Work Code	OD/363/3476/119889/429626/00068344 (Construction of Market Shed at Thuba Rural Haat)						
Project Category	Other Infrastructure						

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Nandapur	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	Rural Haat	Project Type	Upgradation or Improvement
Name of Executant			

Administrative Approval Details

Approval No.	
---------------------	--

Technical Sanction Details

Technical Sanction No.	OD/363/3476/119889/429626/00068344/TS
Fund Sanction No.	5463
Fund Sanction Amount (in Rs.)	345242

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
-----	----------------	------	----------	---------------------	----------------

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	10.395	240.77592	2502.8656884
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	19.725	848.302232	16732.7615262

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	23.118	5852.0166893	135286.92182324
4	<p style="text-align: center;">Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum - 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&P required for the work etc. complete as per specifcaion and direction of Engineer-in charge.</p>	Cum	2.55	7315.5456551	18654.641420505

5	<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	40.32	189.956291764	7659.0376839245
6	<p>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.</p>	Qntl	8	13239.603272252	105916.82617802

7	Roofing (AR1132a) : Labour for fixing G.C.I. Sheet in roof - Labour for fixing G.C.I. Sheet in roof drilling hole in wind ties including fixing of ridges valleys wind ties etc. excluding cost of fitting and as per direction of Engineer-in-charge.	Sqm	60	191.9	11514
Total Amount (in Rs.): 298267.05432028					

LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement 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	-	10.395	Cum
i	Un-Skilled	0.516	5.36382	-

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.	-	19.725	Cum
i	Un-Skilled	0.1236	2.43801	-
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.	-	23.118	Cum
i	Skilled	0.18	4.16124	-
ii	Un-Skilled	3.9	90.1602	-

4	<p>Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum - 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&P required for the work etc. complete as per specifaion and direction of Engineer-in charge.</p>	-	2.55	Cum
i	Un-Skilled	4.6	11.73	-
ii	Skilled	0.68	1.734	-
5	<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>	-	40.32	Sqm
i	Un-Skilled	0.17	6.8544	-
ii	Skilled	0.14	5.6448	-

6	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.	-	8	Qntl
i	Un-Skilled	4.9212598425197	39.370078740157	-
ii	Semi-Skilled	1.9685039370079	15.748031496063	-
iii	Skilled	4.4291338582677	35.433070866142	-
7	Roofing (AR1132a) : Labour for fixing G.C.I. Sheet in roof - Labour for fixing G.C.I. Sheet in roof drilling hole in wind ties including fixing of ridges valleys wind ties etc. excluding cost of fitting and as per direction of Engineer-in charge.	-	60	Sqm
i	Un-Skilled	0.21505376344086	12.903225806452	-
ii	Skilled	0.16129032258065	9.6774193548387	-

Sl.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	168.81973454661	462	77994.717360533
2	Skilled	56.65053022098	562	31837.597984191

3	Semi-Skilled	15.748031496063	512	8062.9921259843
				Total: 117895.30747071

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	-	10.395	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.	-	19.725	Cum
i)	BRM029 : Sand for filling and road blinding	1	19.725	1 Cum

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>	-	23.118	Cum
i)	BRM340 : Cement	2.29	52.94022	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	11.09664	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	22.19328	1 Cum.
4	<p>Concrete (AR0307) :.Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum - 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&P required for the work etc. complete as per specificaion and direction of Engineer-in charge.</p>	-	2.55	Cum
i)	BRM340 : Cement	3.23	8.2365	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	1.1475	1 Cum

iii)	BRM056 : 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	2.295	1 Cum.
5	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.	-	40.32	Sqm
i)	BRM340 : Cement	0.0372	1.499904	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.0075	0.3024	1 Cum
6	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.	-	8	Qntl
i)	BRM341 : Steel	1	8	1 Qntl.
7	Roofing (AR1132a) :.Labour for fixing G.C.I. Sheet in roof - Labour for fixing G.C.I. Sheet in roof drilling hole in wind ties including fixing of ridges valleys wind ties etc. excluding cost of fitting and as per direction of Engineer-in charge.	-	60	Sqm

Sl.No.	Material Name	Qty	Unit	Rate	Amount
--------	---------------	-----	------	------	--------

1	BRM029	19.725	1 Cum	738.55	14567.89875
2	BRM340	62.676624	1 Qntl.	572.287	35869.017119088
3	BRM028	12.54654	1 Cum	742.47	9315.4295538
4	BRM044	22.19328	1 Cum.	1857.16	41216.4718848
5	BRM056	2.295	1 Cum.	2258.53	5183.32635
6	BRM341	8	1 Qntl.	6222.297	49778.376
Total: 155930.51965769					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	19.725	1 Cum	44.25	872.83125
2	BRM028	12.54654	1 Cum	44.25	555.184395
3	BRM044	22.19328	1 Cum.	202.5	4494.1392
4	BRM056	2.295	1 Cum.	202.5	464.7375
Total: 6386.892345					

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ 1%	Rs. 2982.6705432028
2	Display Citizen Board @ Rs. 5000	Rs. 5000
3	Any Other Lumpsum @ Rs. 38992	Rs. 38992
Total Addition Component Amount (in Rs.): 46974.670543203		

Total Net Amount (in Rs.): 345241.72486349