

ESTIMATION DPR							
State	Odisha	District	Koraput	Block	Borigumma	Gram Panchayat	Ranaspur

Work Code	OD/363/3468/119756/428351/00068999 (CONTRUCTION OF DRAIN AT CHANDALGUDA)
Project Category	CD Work

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Borigumma	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	Drain Masonry or Cement Concrete	Project Type	New Work
Name of Executant			

Administrative Approval Details

Approval No.	
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Technical Sanction Details

Technical Sanction No.	OD/363/3468/119756/428351/00068999/TS
Fund Sanction No.	4023
Fund Sanction Amount (in Rs.)	300000

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	81	240.77592	19502.84952
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	10.8	816.083232	8813.6989056

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	37.8	5526.74680944	208911.02939683
4	<p style="text-align: center;">R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc - Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. foundation, plinth band and footings bases of columns mass concrete precast slabs, etc</p>	Sqm	90	216.23489289764	19461.140360788

5	<p align="center">Bridge Works (AR2001A) : Plain Cement Concrete PCC Grade M15 in Open Foundation using 40 mm down hard granite(Crusher Broken) - Plain Cement Concrete PCC Grade M15 in Open Foundation using 40 mm down 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	5.4	5017.8340707867	27096.303982248
Total Amount (in Rs.): 283785.02216547					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
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1	<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>	-	81	Cum
i	Un-Skilled	0.516	41.796	-
2	<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>	-	10.8	Cum
i	Un-Skilled	0.1236	1.33488	-

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>	-	37.8	Cum
i	Skilled	0.18	6.804	-
ii	Un-Skilled	3.9	147.42	-
4	<p>R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc - Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. foundation, plinth band and footings bases of columns mass concrete precast slabs, etc</p>	-	90	Sqm
i	Semi-Skilled	0.05	4.5	-
ii	Skilled	0.05	4.5	-

5	Bridge Works (AR2001A) : Plain Cement Concrete PCC Grade M15 in Open Foundation using 40 mm down hard granite(Crusher Broken) - Plain Cement Concrete PCC Grade M15 in Open Foundation using 40 mm down 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.	-	5.4	Cum
i	Un-Skilled	1.33333333333333	7.2	-
ii	Skilled	0.1	0.54	-
iii	Semi-Skilled	0.0573333333333333	0.3096	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	197.75088	462	91360.90656
2	Skilled	11.844	562	6656.328
3	Semi-Skilled	4.8096	512	2462.5152
Total: 100479.74976				

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>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>	-	81	Cum
2	<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>	-	10.8	Cum
i)	<p>BRM029 : Sand for filling and road blinding</p>	1	10.8	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>	-	37.8	Cum
i)	<p>BRM340 : Cement</p>	2.29	86.562	1 Qntl.
ii)	<p>BRM028 : Screened and washed sharp sand for mortar</p>	0.48	18.144	1 Cum

iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	36.288	1 Cum.
4	R.C.C. Work (AR0410c) :R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc - Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. foundation, plinth band and footings bases of columns mass concrete precast slabs, etc	-	90	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.2403	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	11.34	1Mtr.
5	Bridge Works(AR2001A) :Plain Cement Concrete PCC Grade M15 in Open Foundation using 40 mm down hard granite(Crusher Broken) - Plain Cement Concrete PCC Grade M15 in Open Foundation using 40 mm down 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.	-	5.4	Cum
i)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.54	2.916	1 Cum.

ii)	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)	0.09	0.486	1 Cum.
iii)	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)	0.27	1.458	1 Cum.
iv)	BRM028 : Screened and washed sharp sand for mortar	0.45	2.43	1 Cum
v)	BRM340 : Cement	2.75333333333333	14.868	1 Qntl.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	10.8	1 Cum	478.15	5164.02
2	BRM340	101.43	1 Qntl.	583.047	59138.45721
3	BRM028	20.574	1 Cum	482.07	9918.10818
4	BRM044	39.204	1 Cum.	1466.56	57495.01824
5	BRM104	0.2403	1Cum.	58573.086	14075.1125658
6	BRM092	11.34	1Mtr.	229.106	2598.06204
7	BRM060	0.486	1 Cum.	1824.88	886.89168
8	BRM052	1.458	1 Cum.	1788.5	2607.633
Total: 151883.3029158					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	10.8	1 Cum	272.75	2945.7
2	BRM028	20.574	1 Cum	272.75	5611.5585
3	BRM044	39.204	1 Cum.	248.4	9738.2736
4	BRM060	0.486	1 Cum.	248.4	120.7224
5	BRM052	1.458	1 Cum.	248.4	362.1672
Total: 18778.4217					

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
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1	Provision for Contingency @ 1%	Rs. 2837.8502216547
2	Display Citizen Board @ Rs. 3000	Rs. 3000
3	Any Other Lumpsum @ Rs. 7877	Rs. 7877
4	Provision for survey investigation and quality control @ Rs. 2500	Rs. 2500
Total Addition Component Amount (in Rs.): 16214.850221655		

Total Net Amount (in Rs.): 299999.87238712