

ESTIMATION DPR							
State	Odisha	District	Gajapati	Block	Gumma	Gram Panchayat	Jhami

Work Code	OD/353/3358/117466/414626/00041744 (Improvement of Road from RD Road to Nukalama Temple at Jhami)
Project Category	Road

Financial Year	2023-24	Execution Level	PS
Executing Agency	Panchayat Samiti, Gumma	Proposal Date	-
Date of Commencement	10-11-2025	Date of Completion	-
Scheme Name	Kandhamal O Gajapati Bikas Yojana	Scheme Component Name	Self/Personal Deposit
Project Sub-Category	CC Road	Project Type	Upgradation or Improvement
Name of Executant	PRASANT KUMAR MISHRA		

Administrative Approval Details

Approval No.	OD/353/3358/117466/414626/00041744/AS
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Technical Sanction Details

Technical Sanction No.	OD/353/3358/117466/414626/00041744/TS
Fund Sanction No.	
Fund Sanction Amount (in Rs.)	200000

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
1	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.	Cum	5.742	954.150232	3116.0540420358

2	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.	Cum	13.968	6527.6852268	3116.0540420358
3	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.	Cum	11.484	8303.1368356	3116.0540420358

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	Sqm	14.4	216.39264180804	3116.0540420358
Total Amount (in Rs.): 195126.71534215					

LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	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.	-	5.742	Cum
i	Un-Skilled	0.1236	0.7097112	-

2	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.	-	13.968	Cum
i	Skilled	0.18	2.51424	-
ii	Un-Skilled	3.9	54.4752	-
3	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.	-	11.484	Cum
i	Un-Skilled	4.6	52.8264	-

ii	Skilled	0.68	7.80912	-
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	-	14.4	Sqm
i	Semi-Skilled	0.05	0.72	-
ii	Skilled	0.05	0.72	-

Sl.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	108.0113112	462	49901.2257744
1	Skilled	11.04336	562	6206.36832
2	Semi-Skilled	0.72	512	368.64
				Total: 56476.2340944

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
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1	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.	-	5.742	Cum
i)	BRM029 : Sand for filling and road blinding	1	5.742	1 Cum
2	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.	-	13.968	Cum
i)	BRM340 : Cement	2.29	31.98672	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	6.70464	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	13.40928	1 Cum.

3	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.	-	11.484	Cum
i)	BRM340 : Cement	3.23	37.09332	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	5.1678	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	10.3356	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	-	14.4	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.038448	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	1.8144	1Mtr.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	5.742	1 Cum	608.35	3493.1457
2	BRM340	69.08004	1 Qntl.	783.732	54140.23790928
3	BRM028	11.87244	1 Cum	613.29	7281.2487276
4	BRM044	13.40928	1 Cum.	1661.86	22284.3460608
5	BRM056	10.3356	1 Cum.	2063.23	21324.719988
6	BRM104	0.038448	1Cum.	58620.646	2253.846597408
7	BRM092	1.8144	1Mtr.	276.666	501.9827904
					Total: 111279.52777349

ROYALTY STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	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.	-	5.742	Cum
i)	BRM029 : Sand for filling and road blinding	1	5.742	1 Cum
2	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.	-	13.968	Cum
i)	BRM340 : Cement	2.29	31.98672	1 Qntl.

ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	6.70464	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	13.40928	1 Cum.
3	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.	-	11.484	Cum
i)	BRM340 : Cement	3.23	37.09332	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	5.1678	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	10.3356	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	-	14.4	Sqm

i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.038448	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.000614	0.0088416	1Mtr.

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	5.742	1 Cum	279.25	1603.4535
2	BRM028	11.87244	1 Cum	279.25	3315.37887
3	BRM044	13.40928	1 Cum.	269.5	3613.80096
4	BRM056	10.3356	1 Cum.	269.5	2785.4442
					Total: 11318.07753

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ 1%	Rs. 1951.2671534215
2	Display Citizen Board @ Rs. 2922	Rs. 2922
		Total Addition Component Amount (in Rs.): 4873.2671534215

Total Net Amount (in Rs.): 199999.98249557