

ESTIMATION DPR							
State	Odisha	District	Jagatsinghpur	Block	Jagatsinghpur	Gram Panchayat	Balarampur

Work Code	OD/355/3389/118120/397985/00016934 (Construction of Singipur Laxmi Mandir to Swain Sahi, Vill-Singipur, GP-Balarampur)						
Project Category	Road						

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Jagatsinghpur	Proposal Date	-
Date of Commencement	-	Date of Completion	
Scheme Name	SFC Devolution of Fund	Scheme Component Name	5TH SFC DEVOLUTION GRANT TO ZILLA PARISHAD
Project Sub-Category	CC Road	Project Type	New Work
Name of Executant			

Administrative Approval Details

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

Technical Sanction Details

Technical Sanction No.	
Fund Sanction No.	
Fund Sanction Amount (in Rs.)	150000

ACTIVITY STATEMENT

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

1	<p style="text-align: center;">Earth Work (AR0101aa) : Earthwork in ordinary soil in foundation and plinth within 50m, initial lead and 1.5m, initial lift - Earthwork in ordinary soil in foundation and 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 direction of the Engineer-in-charge per 100 cum</p>	Cum	1.5686	179.18208	281.065010688
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	4.3307	544.049832	2356.1166074424

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	12.5829	6379.70263462	80275.16028116
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	7.6725	7871.36944494	60393.082066302

5	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	15.345	216.23489289764	3318.1244315143
Total Amount (in Rs.): 146623.54839711					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	Earth Work (AR0101aa) : Earthwork in ordinary soil in foundation and plinth within 50m, initial lead and 1.5m, initial lift - Earthwork in ordinary soil in foundation and 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 direction of the Engineer-in-charge per 100 cum	-	1.5686	Cum
i	Un-Skilled	0.384	0.6023424	-

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.	-	4.3307	Cum
i	Un-Skilled	0.1236	0.53527452	-
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.	-	12.5829	Cum
i	Skilled	0.18	2.264922	-
ii	Un-Skilled	3.9	49.07331	-

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>	-	7.6725	Cum
i	Un-Skilled	4.6	35.2935	-
ii	Skilled	0.68	5.2173	-
5	<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>	-	15.345	Sqm
i	Semi-Skilled	0.05	0.76725	-
ii	Skilled	0.05	0.76725	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	85.50442692	462	39503.04523704
2	Skilled	8.249472	562	4636.203264
3	Semi-Skilled	0.76725	512	392.832
Total: 44532.08050104				

MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Earth Work (AR0101aa) :.Earthwork in ordinary soil in foundation and plinth within 50m, initial lead and 1.5m, initial lift - Earthwork in ordinary soil in foundation and 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 direction of the Engineer-in-charge per 100 cum	-	1.5686	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.	-	4.3307	Cum
i)	BRM029 : Sand for filling and road blinding	1	4.3307	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>	-	12.5829	Cum
i)	BRM340 : Cement	2.29	28.814841	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	6.039792	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	12.079584	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>	-	7.6725	Cum
i)	BRM340 : Cement	3.23	24.782175	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	3.452625	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	6.90525	1 Cum.
5	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	-	15.345	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.04097115	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	1.93347	1Mtr.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	4.3307	1 Cum	404.31	1750.945317
2	BRM340	53.597016	1 Qntl.	588.347	31533.643572552
3	BRM028	9.492417	1 Cum	412.82	3918.65958594
4	BRM044	12.079584	1 Cum.	2262.51	27330.17959584
5	BRM056	6.90525	1 Cum.	2708.31	18701.5576275
6	BRM104	0.04097115	1Cum.	58573.086	2399.8066924689
7	BRM092	1.93347	1Mtr.	229.106	442.96957782
Total: 86077.761969121					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	4.3307	1 Cum	77.25	334.546575
2	BRM028	9.492417	1 Cum	77.25	733.28921325
3	BRM044	12.079584	1 Cum.	444.5	5369.375088

4	BRM056	6.90525	1 Cum.	444.5	3069.383625
Total: 9506.59450125					

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 1500	Rs. 1500
2	Display Citizen Board @ Rs. 1876	Rs. 1876
Total Addition Component Amount (in Rs.): 3376		

Total Net Amount (in Rs.): 149999.54839711