

ESTIMATION DPR							
State	Odisha	District	Jagatsinghpur	Block	Balikuda	Gram Panchayat	Tandikula

Work Code	OD/355/3386/118067/398208/00073238 (Construction of Similigosein CRC)						
Project Category	Building						

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Balikuda	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	Community Centre	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.)	100000

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	11.8512	240.77592	2853.483583104
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	1.4508	741.302832	1075.4821486656

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	1.9752	6462.13193228	12764.002992639
---	---	-----	--------	---------------	-----------------

4	<p style="text-align: center;">R.C.C.</p> <p>Work (AR0404Bg) : Reinforced cement concrete work of M-20 grade with 20mm & downgrade size black hard crusher broken granite chips(RCC Roof slab, lending, balcony, sun shed)(Nominal mix as per IS-456, Table-9). -</p> <p>Reinforced cement concrete work of M-20 grade with 20mm & downgrade size black hard crusher broken granite 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, lending, balcony, sun shed)(Nominal mix as per IS-456, Table-9).</p>	Cum	3.8275	13280.394572072	50830.710224606
---	--	-----	--------	-----------------	-----------------

5	<p>R.C.C. Work (AR0409) : Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position - Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.</p>	Qntl	3.5	8421.1581636	29474.0535726
Total Amount (in Rs.): 96997.732521615					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
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>	-	11.8512	Cum

	i	Un-Skilled	0.516	6.1152192	-
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.	-	1.4508	Cum
	i	Un-Skilled	0.1236	0.17931888	-
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.	-	1.9752	Cum
	i	Skilled	0.18	0.355536	-
	ii	Un-Skilled	3.9	7.70328	-

4	R.C.C. Work (AR0404Bg) : Reinforced cement concrete work of M-20 grade with 20mm & downgrade size black hard crusher broken granite chips(RCC Roof slab, lending, balcony, sun shed)(Nominal mix as per IS-456, Table-9). - Reinforced cement concrete work of M-20 grade with 20mm & downgrade size black hard crusher broken granite 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, lending, balcony, sun shed)(Nominal mix as per IS-456, Table-9).	-	3.8275	Cum
i	Un-Skilled	1.3333	5.10320575	-
ii	Skilled	3.15525	12.076719375	-
iii	Semi-Skilled	3.11255	11.913285125	-

5	R.C.C. Work (AR0409) : Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position - Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.	-	3.5	Qntl
i	Un-Skilled	0.8	2.8	-
ii	Highly-Skilled	0.3	1.05	-
iii	Semi-Skilled	0.044	0.154	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	21.90102383	462	10118.27300946
2	Skilled	12.432255375	562	6986.92752075
3	Semi-Skilled	12.067285125	512	6178.449984
4	Highly-Skilled	1.05	612	642.6
Total: 23926.25051421				

MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
--------	------------------------	---	---------------------------	------

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>	-	11.8512	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>	-	1.4508	Cum
i)	<p>BRM029 : Sand for filling and road blinding</p>	1	1.4508	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>	-	1.9752	Cum
i)	<p>BRM340 : Cement</p>	2.29	4.523208	1 Qntl.
ii)	<p>BRM028 : Screened and washed sharp sand for mortar</p>	0.48	0.948096	1 Cum

iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1.896192	1 Cum.
4	R.C.C. Work (AR0404Bg) :.Reinforced cement concrete work of M-20 grade with 20mm & downgrade size black hard crusher broken granite chips(RCC Roof slab, lending, balcony, sun shed)(Nominal mix as per IS-456, Table-9). - Reinforced cement concrete work of M-20 grade with 20mm & downgrade size black hard crusher broken granite 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, lending, balcony, sun shed)(Nominal mix as per IS-456, Table-9).	-	3.8275	Cum
i)	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)	0.36	1.3779	1 Cum.
ii)	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)	0.54	2.06685	1 Cum.
iii)	BRM340 : Cement	3.4733	13.29405575	1 Qntl.
iv)	BRM028 : Screened and washed sharp sand for mortar	0.45	1.722375	1 Cum

v)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	6.2216	23.813174	1Mtr
vi)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0502172	0.192206333	1Cum.
5	R.C.C. Work (AR0409) :.Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position - Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.	-	3.5	Qntl
i)	BRM162 : Binding Wire.	0.8	2.8	1 Kg.
ii)	BRM341 : Steel	1.05	3.675	1 Qntl.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	1.4508	1 Cum	599.61	869.914188
2	BRM340	17.81726375	1 Qntl.	603.877	10759.435781559
3	BRM028	2.670471	1 Cum	608.12	1623.96682452
4	BRM044	1.896192	1 Cum.	2501.16	4742.67958272
5	BRM060	1.3779	1 Cum.	2924.58	4029.778782
6	BRM052	2.06685	1 Cum.	2888.2	5969.47617
7	BRM084	23.813174	1Mtr	250.166	5957.246486884
8	BRM104	0.192206333	1Cum.	58573.086	11258.118072554
9	BRM162	2.8	1 Kg.	90.1	252.28
10	BRM341	3.675	1 Qntl.	6210.377	22823.135475

Total: 68286.031363236

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
-----	---------------	-----	------	--------------	--------

1	BRM029	1.4508	1 Cum	77.25	112.0743
2	BRM028	2.670471	1 Cum	77.25	206.29388475
3	BRM044	1.896192	1 Cum.	149.5	283.480704
4	BRM060	1.3779	1 Cum.	149.5	205.99605
5	BRM052	2.06685	1 Cum.	149.5	308.994075
Total: 1116.83901375					

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 1000	Rs. 1000
2	Display Citizen Board @ Rs. 1500	Rs. 1500
3	Any Other Lumpsum @ Rs. 502	Rs. 502
Total Addition Component Amount (in Rs.): 3002		

Total Net Amount (in Rs.): 99999.732521615