

ESTIMATION DPR							
State	Odisha	District	Mayurbhanj	Block	Suliapada	Gram Panchayat	Jhalimara

Work Code	OD/365/3509/275358/389706/00018944 (Development of Rural Haat at Jhalimara Weekly Haat)						
Project Category	Other Infrastructure						

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Suliapada	Proposal Date	-
Date of Commencement	-	Date of Completion	
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	Development of Rural Haat
Project Sub-Category	Rural Haat	Project Type	New Work
Name of Executant			

Administrative Approval Details

Approval No.	
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Technical Sanction Details

Technical Sanction No.	
Fund Sanction No.	29137
Fund Sanction Amount (in Rs.)	500000

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	28.90862112	240.77592	6960.4998460994
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	28.17380016	1314.346532	37030.136533557

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	51.847777632	6335.4567243	328479.35143867
4	<p style="text-align: center;">Flooring (AR0802ii) : 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG Hand broken chips - 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG Hand broken chips including punning incl. cost, conveyance & royalty of materials as per direction of Engineer-in- charge.</p>	Sqm	150.038345	380.432139446	57079.408587287

5	Plastering (AR1027) : Fourth Floor - 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.	Sqm	73.95543315	216.61466617328	16019.831463488
6	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	218.2198567	216.23489289764	47186.747341663
Total Amount (in Rs.): 492755.97521076					

LABOUR STATEMENT

Sl.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>	-	28.90862112	Cum
i	Un-Skilled	0.516	14.91684849792	-
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>	-	28.17380016	Cum
i	Un-Skilled	0.1236	3.482281699776	-

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>	-	51.847777632	Cum
	i Skilled	0.18	9.33259997376	-
	ii Un-Skilled	3.9	202.2063327648	-
4	<p>Flooring (AR0802ii) : 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG Hand broken chips - 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG Hand broken chips including punning incl. cost, conveyance & royalty of materials as per direction of Engineer-in-charge.</p>	-	150.038345	Sqm
	i Un-Skilled	0.36	54.0138042	-
	ii Highly-Skilled	0.13	19.50498485	-

5	Plastering (AR1027) : Fourth Floor - 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.	-	73.95543315	Sqm
i	Un-Skilled	0.1913364977	14.150373564807	-
ii	Skilled	0.1575712334	11.653248818077	-
6	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	-	218.2198567	Sqm
i	Semi-Skilled	0.05	10.910992835	-
ii	Skilled	0.05	10.910992835	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	288.7696407273	462	133411.57401601

2	Skilled	31.896841626837	562	17926.024994282
3	Highly-Skilled	19.50498485	612	11937.0507282
4	Semi-Skilled	10.910992835	512	5586.42833152
				Total: 168861.07807002

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	-	28.90862112	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.	-	28.17380016	Cum
i)	BRM029 : Sand for filling and road blinding	1	28.17380016	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>	-	51.847777632	Cum
i)	BRM340 : Cement	2.29	118.73141077728	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	24.88693326336	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	49.77386652672	1 Cum.
4	<p>Flooring (AR0802ii) :.2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG Hand broken chips - 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG Hand broken chips including punning incl. cost, conveyance & royalty of materials as per direction of Engineer-in-charge.</p>	-	150.038345	Sqm
i)	BRM340 : Cement	0.0858	12.873290001	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.012	1.80046014	1 Cum
iii)	BRM057 : 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)(Hand broken)	0.023	3.450881935	1 Cum.

5	Plastering (AR1027) :.Fourth Floor - 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.	-	73.95543315	Sqm
i)	BRM340 : Cement	0.0372	2.75114211318	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.0075	0.554665748625	1 Cum
6	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	-	218.2198567	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.582647017389	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	27.4957019442	1Mtr.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	28.17380016	1 Cum	687.98	19383.011034077
2	BRM340	134.35584289146	1 Qntl.	644.787	86630.900870456
3	BRM028	27.242059151985	1 Cum	694.4	18916.885875138
4	BRM044	49.77386652672	1 Cum.	1570.72	78180.80763085
5	BRM057	3.450881935	1 Cum.	1660.66	5730.7415941771
6	BRM104	0.582647017389	1Cum.	58573.086	34127.433857169

7	BRM092	27.4957019442	1Mtr.	229.106	6299.4302896279
					Total: 249269.2111515

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	28.17380016	1 Cum	556.25	15671.676339
2	BRM028	27.242059151985	1 Cum	556.25	15153.395403292
3	BRM044	49.77386652672	1 Cum.	551.5	27450.287389486
4	BRM057	3.450881935	1 Cum.	551.5	1903.1613871525
					Total: 60178.52051893

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 5000	Rs. 5000
2	Display Citizen Board @ Rs. 2244	Rs. 2244
		Total Addition Component Amount (in Rs.): 7244

Total Net Amount (in Rs.): 499999.97521076