

ESTIMATION DPR							
State	Odisha	District	Malkangiri	Block	Mathili	Gram Panchayat	Salimi

Work Code	OD/364/3485/120024/430362/00038432 (Development of Rural Haats at Kangrabeda)
Project Category	Other Infrastructure

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Mathili	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	Upgradation or Improvement
Name of Executant			

Administrative Approval Details

Approval No.	
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Technical Sanction Details

Technical Sanction No.	
Fund Sanction No.	26763
Fund Sanction Amount (in Rs.)	1000000

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
1	Earth Work (AR0122Ai) : Earth work in all kinds of soil within 50m, initial lead and 1.5m, initial lift - Earth work in all kinds of soil 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.	Cum	45.30688	220.96043508	9139.2013935135

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>	Cum	67.9036864	678.319232	9139.2013935135
3	<p>Concrete (AR0304) : Cement concrete (1:4:8) with 4 cm. hard granite(Crusher Broken) metal - Cement concrete (1:4:8) 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	26.334624	5567.7192532	9139.2013935135

4	<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>	Cum	52.4993472	5953.8360619	9139.2013935135
5	<p>Plastering (AR1027) : 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping (Inside) - 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.</p>	Sqm	56.856636	188.683660252	9139.2013935135

6	<p>Iron Work (AR1703) : Iron work wrought and put up in trusses and record racks - Iron work wrought and put up in trusses and record racks including all cost of labour, material, machinery and T & P required for the work etc. as per direction of Engineer-in-Charge.</p>	Qntl	17.68	13227.931106252	9139.2013935135
7	<p>Flooring (AR0802i) : 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher broken chips - 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher broken chips including punning incl. cost, conveyance & royalty of materials as per direction of Engineer-in-charge.</p>	Sqm	198.069196	375.527350378	9139.2013935135
8	<p>Roofing (AR1135i) : G.C.I. Sheet (0.40mm thick) in walling - Supplying, fitting & fixing of G.C.I. Sheet (0.40mm thick) in walling including cost of nuts and bolts, fitting, labour and material etc. complete as per direction of Engineer-in-Charge.</p>	Sqm	249.723264	540.97316583945	9139.2013935135

9	Painting (AR0918cb) : Finishing wall two coats with weather coat with one coat waterbound Primer - Finishing wall two coats with weather coat with one coat waterbound Primer including all costs of labour, Paint, Primer, Brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)	Sqm	56.856636	160.74115594024	9139.2013935135
Total Amount (in Rs.): 978478.63059925					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	Earth Work (AR0122Ai) : Earth work in all kinds of soil within 50m, initial lead and 1.5m, initial lift - Earth work in all kinds of soil 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.	-	45.30688	Cum
i	Un-Skilled	0.473534	21.45434811392	-

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.	-	67.9036864	Cum
i	Un-Skilled	0.1236	8.39289563904	-
3	Concrete (AR0304) : Cement concrete (1:4:8) with 4 cm. hard granite(Crusher Broken) metal - Cement concrete (1:4:8) 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.	-	26.334624	Cum
i	Un-Skilled	3.9	102.7050336	-
ii	Skilled	0.18	4.74023232	-

4	<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>	-	52.4993472	Cum
	i Skilled	0.18	9.449882496	-
	ii Un-Skilled	3.9	204.74745408	-
5	<p>Plastering (AR1027) : 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping (Inside) - 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.</p>	-	56.856636	Sqm
	i Un-Skilled	0.17	9.66562812	-
	ii Skilled	0.14	7.95992904	-

6	Iron Work (AR1703) : Iron work wrought and put up in trusses and record racks - Iron work wrought and put up in trusses and record racks including all cost of labour, material, machinery and T & P required for the work etc. as per direction of Engineer-in-Charge.	-	17.68	Qntl
i	Un-Skilled	4.9212598425197	87.007874015748	-
ii	Semi-Skilled	1.9685039370079	34.803149606299	-
iii	Skilled	4.4291338582677	78.307086614173	-
7	Flooring (AR0802i) : 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher broken chips - 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher broken chips including punning incl. cost, conveyance & royalty of materials as per direction of Engineer-in-charge.	-	198.069196	Sqm
i	Un-Skilled	0.36	71.30491056	-
ii	Highly-Skilled	0.13	25.74899548	-

8	Roofing (AR1135i) : G.C.I. Sheet (0.40mm thick) in walling - Supplying, fitting & fixing of G.C.I. Sheet (0.40mm thick) in walling including cost of nuts and bolts, fitting, labour and material etc. complete as per direction of Engineer-in-Charge.	-	249.723264	Sqm
i	Un-Skilled	0.21505376344086	53.703927741935	-
ii	Highly-Skilled	0.16129032258065	40.277945806452	-
9	Painting (AR0918cb) : Finishing wall two coats with weather coat with one coat waterbound Primer - Finishing wall two coats with weather coat with one coat waterbound Primer including all costs of labour, Paint, Primer, Brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)	-	56.856636	Sqm
i	Un-Skilled	0.11776344086022	6.6956330910968	-
ii	Highly-Skilled	0.10776344086022	6.1270667310968	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	565.67770496174	462	261343.09969232
1	Skilled	100.45713047017	562	56456.907324237
2	Semi-Skilled	34.803149606299	512	17819.212598425

3	Highly-Skilled	72.154008017548	612	44158.25290674
				Total: 379777.47252173

MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Earth Work (AR0122Ai) :.Earth work in all kinds of soil within 50m, initial lead and 1.5m, initial lift - Earth work in all kinds of soil 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.	-	45.30688	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.	-	67.9036864	Cum
i)	BRM029 : Sand for filling and road blinding	1	67.9036864	1 Cum

3	<p>Concrete (AR0304) :.Cement concrete (1:4:8) with 4 cm. hard granite(Crusher Broken) metal - Cement concrete (1:4:8) 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>	-	26.334624	Cum
i)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	25.28123904	1 Cum.
ii)	BRM340 : Cement	1.72	45.29555328	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.48	12.64061952	1 Cum
4	<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>	-	52.4993472	Cum
i)	BRM340 : Cement	2.29	120.223505088	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	25.199686656	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	50.399373312	1 Cum.

5	Plastering (AR1027) :.6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping (Inside) - 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.	-	56.856636	Sqm
i)	BRM340 : Cement	0.0372	2.1150668592	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.0075	0.42642477	1 Cum
6	Iron Work(AR1703) :.Iron work wrought and put up in trusses and record racks - Iron work wrought and put up in trusses and record racks including all cost of labour, material, machinery and T & P required for the work etc. as per direction of Engineer-in-Charge.	-	17.68	Qntl
i)	BRM341 : Steel	1	17.68	1 Qntl.
7	Flooring (AR0802i) :.2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher broken chips - 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher broken chips including punning incl. cost, conveyance & royalty of materials as per direction of Engineer-in-charge.	-	198.069196	Sqm
i)	BRM340 : Cement	0.0858	16.9943370168	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.012	2.376830352	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)	0.023	4.555591508	1 Cum.
8	Roofing (AR1135i) :G.C.I. Sheet (0.40mm thick) in walling - Supplying, fitting & fixing of G.C.I. Sheet (0.40mm thick) in walling including cost of nuts and bolts, fitting, labour and material etc. complete as per direction of Engineer-in-Charge.	-	249.723264	Sqm
i)	BRMMR0036 : Add for cost of Bolts & Nuts in GI Sheet walling	0.10752688172043	26.851963870968	L.S.
ii)	BRM150 : G.C.I. Sheet 0.40mm thick	1	249.723264	1 Sqm.
9	Painting(AR0918cb) :Finishing wall two coats with weather coat with one coat waterbound Primer - Finishing wall two coats with weather coat with one coat waterbound Primer including all costs of labour, Paint, Primer, Brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)	-	56.856636	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.125	7.1070795	1 Ltr
ii)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.090322580645161	5.1354380903226	1 Ltr

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	67.9036864	1 Cum	543.25	36888.6776368
2	BRM044	75.680612352	1 Cum.	1949.16	147513.62237202
3	BRM340	184.628462244	1 Qntl.	573.977	105972.49087342
4	BRM028	40.643561298	1 Cum	548.19	22280.393867951
5	BRM341	17.68	1 Qntl.	6214.317	109869.12456
6	BRM056	4.555591508	1 Cum.	2350.53	10708.054507299

7	BRMMR0036	26.851963870968	L.S.	30	805.55891612903
8	BRM150	249.723264	1 Sqm.	334.3266733	83489.148098738
9	BRM255	7.1070795	1 Ltr	195.15677	1386.9946793532
10	BRM253	5.1354380903226	1 Ltr	159.39677	818.57224413239
Total: 519732.63775585					

ROYALTY STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Earth Work (AR0122Ai) :.Earth work in all kinds of soil within 50m, initial lead and 1.5m, initial lift - Earth work in all kinds of soil 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.	-	45.30688	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.	-	67.9036864	Cum
i)	BRM029 : Sand for filling and road blinding	1	67.9036864	1 Cum

3	<p>Concrete (AR0304) :.Cement concrete (1:4:8) with 4 cm. hard granite(Crusher Broken) metal - Cement concrete (1:4:8) 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>	-	26.334624	Cum
i)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	25.28123904	1 Cum.
ii)	BRM340 : Cement	1.72	45.29555328	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.48	12.64061952	1 Cum
4	<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>	-	52.4993472	Cum
i)	BRM340 : Cement	2.29	120.223505088	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	25.199686656	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	50.399373312	1 Cum.

5	Plastering (AR1027) :.6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping (Inside) - 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.	-	56.856636	Sqm
i)	BRM340 : Cement	0.0372	2.1150668592	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.0075	0.42642477	1 Cum
6	Iron Work(AR1703) :.Iron work wrought and put up in trusses and record racks - Iron work wrought and put up in trusses and record racks including all cost of labour, material, machinery and T & P required for the work etc. as per direction of Engineer-in-Charge.	-	17.68	Qntl
i)	BRM341 : Steel	1	17.68	1 Qntl.
7	Flooring (AR0802i) :.2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher broken chips - 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher broken chips including punning incl. cost, conveyance & royalty of materials as per direction of Engineer-in-charge.	-	198.069196	Sqm
i)	BRM340 : Cement	0.0858	16.9943370168	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.012	2.376830352	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)	0.023	4.555591508	1 Cum.
8	Roofing (AR1135i) :G.C.I. Sheet (0.40mm thick) in walling - Supplying, fitting & fixing of G.C.I. Sheet (0.40mm thick) in walling including cost of nuts and bolts, fitting, labour and material etc. complete as per direction of Engineer-in-Charge.	-	249.723264	Sqm
i)	BRM150 : G.C.I. Sheet 0.40mm thick	1	249.723264	1 Sqm.
9	Painting(AR0918cb) :.Finishing wall two coats with weather coat with one coat waterbound Primer - Finishing wall two coats with weather coat with one coat waterbound Primer including all costs of labour, Paint, Primer, Brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)	-	56.856636	Sqm
i)	BRM255 : Weather Coat (I.S.I.)	0.125	7.1070795	1 Ltr
ii)	BRM253 : Wall cement primer (I.S.I.) Water bound	0.090322580645161	5.1354380903226	1 Ltr

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	67.9036864	1 Cum	71.25	4838.137656
2	BRM044	75.680612352	1 Cum.	299.5	22666.343399424
3	BRM028	40.643561298	1 Cum	71.25	2895.8537424825
4	BRM056	4.555591508	1 Cum.	299.5	1364.399656646
Total: 31764.734454553					

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
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1	Provision for Contingency @ 1%	Rs. 9784.7863059925
2	Display Citizen Board @ Rs. 5000	Rs. 5000
3	Any Other Lumpsum @ Rs. 6700	Rs. 6700
Total Addition Component Amount (in Rs.): 21484.786305993		

Total Net Amount (in Rs.): 999963.41690524