

ESTIMATION DPR							
State	Odisha	District	Malkangiri	Block	Khairaput	Gram Panchayat	Kadamguda

Work Code	OD/364/3481/119953/430521/00040610 (DEVELOPMENT OF RURAL HAAT AT AMLIPUT)
Project Category	Other Infrastructure

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Khairaput	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.	OD/364/3481/119953/430521/00040610/TS
Fund Sanction No.	26763
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>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	22.9824	240.77592	20226.042983284
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	33.88861	650.544232	20226.042983284

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>	Cum	39.86966	5409.4541419	20226.042983284
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>	Sqm	111.4166	367.959531478	20226.042983284

5	<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	129.25	540.97316583945	20226.042983284
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	6.8	13227.931106252	20226.042983284
7	<p>Plastering (AR1008) : 20mm thick cement Plaster in CM (1:6) over brick work in inside. - 20mm thick cement Plaster in CM (1:6) for stone work in inside including racking out joints finishing smooth with proper plumb and line, curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc comp.and as per direction of Engineer-in-charge.</p>	Sqm	36.872	253.97472827	20226.042983284

8	Iron Work (AR1701) : Labour for hoisting joints, trusses and placing in position - Labour for hoisting joints, trusses and placing in position with all cost of labour and machinery and T & P required for the work etc. as per direction of Engineer-in-Charge.	Qntl	5.3	1174.1051181102	20226.042983284
9	Painting (AR0903b) : Painting two coats of enamel paint with a coat of red oxide primer over iron surface - Painting two coats of enamel paint with a coat of red oxide primer over iron surface including all costs of labour, Paint, Primer, brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.	Sqm	87.8	230.36495425153	20226.042983284
Total Amount (in Rs.): 479933.61512512					

LABOUR STATEMENT

SI.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>	-	22.9824	Cum
i	Un-Skilled	0.516	11.8589184	-
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>	-	33.88861	Cum
i	Un-Skilled	0.1236	4.188632196	-

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>	-	39.86966	Cum
i	Skilled	0.18	7.1765388	-
ii	Un-Skilled	3.9	155.491674	-
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>	-	111.4166	Sqm
i	Un-Skilled	0.36	40.109976	-
ii	Highly-Skilled	0.13	14.484158	-

5	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.	-	129.25	Sqm
i	Un-Skilled	0.21505376344086	27.795698924731	-
ii	Highly-Skilled	0.16129032258065	20.846774193548	-
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.	-	6.8	Qntl
i	Un-Skilled	4.9212598425197	33.464566929134	-
ii	Semi-Skilled	1.9685039370079	13.385826771654	-
iii	Skilled	4.4291338582677	30.11811023622	-

7	<p>Plastering (AR1008) : 20mm thick cement Plaster in CM (1:6) over brick work in inside. - 20mm thick cement Plaster in CM (1:6) for stone work in inside including racking out joints finishing smooth with proper plumb and line, curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc comp.and as per direction of Engineer-in-charge.</p>	-	36.872	Sqm
i	Un-Skilled	0.24	8.84928	-
ii	Skilled	0.16	5.89952	-
8	<p>Iron Work (AR1701) : Labour for hoisting joints, trusses and placing in position - Labour for hoisting joints, trusses and placing in position with all cost of labour and machinery and T & P required for the work etc. as per direction of Engineer-in-Charge.</p>	-	5.3	Qntl
i	Un-Skilled	0.33464566929134	1.7736220472441	-
ii	Semi-Skilled	1.9685039370079	10.433070866142	-

9	Painting (AR0903b) : Painting two coats of enamel paint with a coat of red oxide primer over iron surface - Painting two coats of enamel paint with a coat of red oxide primer over iron surface including all costs of labour, Paint, Primer, brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.	-	87.8	Sqm
i	Highly-Skilled	0.18817204301075	16.521505376344	-
ii	Un-Skilled	0.17204301075269	15.105376344086	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	298.6377448412	462	137970.63811663
1	Skilled	43.19416903622	562	24275.122998356
2	Highly-Skilled	51.852437569892	612	31733.691792774
3	Semi-Skilled	23.818897637795	512	12195.275590551
Total:				206174.72849831

MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement 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>	-	22.9824	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>	-	33.88861	Cum
i)	BRM029 : Sand for filling and road blinding	1	33.88861	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>	-	39.86966	Cum
i)	BRM340 : Cement	2.29	91.3015214	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	19.1374368	1 Cum

iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	38.2748736	1 Cum.
4	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.	-	111.4166	Sqm
i)	BRM340 : Cement	0.0858	9.55954428	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.012	1.3369992	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	2.5625818	1 Cum.
5	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.	-	129.25	Sqm
i)	BRMMR0036 : Add for cost of Bolts & Nuts in GI Sheet walling	0.10752688172043	13.897849462366	L.S.
ii)	BRM150 : G.C.I. Sheet 0.40mm thick	1	129.25	1 Sqm.

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.	-	6.8	Qntl
i)	BRM341 : Steel	1	6.8	1 Qntl.
7	Plastering (AR1008) :.20mm thick cement Plaster in CM (1:6) over brick work in inside. - 20mm thick cement Plaster in CM (1:6) for stone work in inside including racking out joints finishing smooth with proper plumb and line, curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc comp.and as per direction of Engineer-in-charge.	-	36.872	Sqm
i)	BRM340 : Cement	0.057	2.101704	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.021	0.774312	1 Cum
8	Iron Work(AR1701) :.Labour for hoisting joints, trusses and placing in position - Labour for hoisting joints, trusses and placing in position with all cost of labour and machinery and T & P required for the work etc. as per direction of Engineer-in-Charge.	-	5.3	Qntl

9	Painting(AR0903b) :.Painting two coats of enamel paint with a coat of red oxide primer over iron surface - Painting two coats of enamel paint with a coat of red oxide primer over iron surface including all costs of labour, Paint, Primer, brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.	-	87.8	Sqm
i)	BRM137 : Red oxide Primer	0.054	4.7412	1 Litre
ii)	BRM141 : Enamel paint	0.125	10.975	1 Litre

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	33.88861	1 Cum	543.25	18409.9873825
2	BRM340	102.96276968	1 Qntl.	573.977	59098.261652617
3	BRM028	21.248748	1 Cum	548.19	11648.35116612
4	BRM044	38.2748736	1 Cum.	1401.46	53640.704355456
5	BRM057	2.5625818	1 Cum.	2039.1	5225.36054838
6	BRMMR0036	13.897849462366	L.S.	30	416.93548387097
7	BRM150	129.25	1 Sqm.	334.3266733	43211.722524025
8	BRM341	6.8	1 Qntl.	6214.317	42257.3556
9	BRM137	4.7412	1 Litre	143.06677	678.308169924
10	BRM141	10.975	1 Litre	205.70677	2257.63180075
Total: 236844.61868364					

ROYALTY STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement 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>	-	22.9824	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>	-	33.88861	Cum
i)	BRM029 : Sand for filling and road blinding	1	33.88861	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>	-	39.86966	Cum
i)	BRM340 : Cement	2.29	91.3015214	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	19.1374368	1 Cum

iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	38.2748736	1 Cum.
4	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.	-	111.4166	Sqm
i)	BRM340 : Cement	0.0858	9.55954428	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.012	1.3369992	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	2.5625818	1 Cum.
5	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.	-	129.25	Sqm
i)	BRM150 : G.C.I. Sheet 0.40mm thick	1	129.25	1 Sqm.
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.	-	6.8	Qntl
i)	BRM341 : Steel	1	6.8	1 Qntl.

7	Plastering (AR1008) :.20mm thick cement Plaster in CM (1:6) over brick work in inside. - 20mm thick cement Plaster in CM (1:6) for stone work in inside including racking out joints finishing smooth with proper plumb and line, curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc comp.and as per direction of Engineer-in-charge.	-	36.872	Sqm
i)	BRM340 : Cement	0.057	2.101704	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.021	0.774312	1 Cum
8	Iron Work(AR1701) :.Labour for hoisting joints, trusses and placing in position - Labour for hoisting joints, trusses and placing in position with all cost of labour and machinery and T & P required for the work etc. as per direction of Engineer-in-Charge.	-	5.3	Qntl
9	Painting(AR0903b) :.Painting two coats of enamel paint with a coat of red oxide primer over iron surface - Painting two coats of enamel paint with a coat of red oxide primer over iron surface including all costs of labour, Paint, Primer, brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.	-	87.8	Sqm
i)	BRM137 : Red oxide Primer	0.054	4.7412	1 Litre
ii)	BRM141 : Enamel paint	0.125	10.975	1 Litre

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	33.88861	1 Cum	43.75	1482.6266875
2	BRM028	21.248748	1 Cum	43.75	929.632725

3	BRM044	38.2748736	1 Cum.	299.5	11463.3246432
4	BRM057	2.5625818	1 Cum.	299.5	767.4932491
					Total: 14643.0773048

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ 1%	Rs. 4799.3361512512
2	Display Citizen Board @ Rs. 5000	Rs. 5000
3	Any Other Lumpsum @ Rs. 10267	Rs. 10267
		Total Addition Component Amount (in Rs.): 20066.336151251

Total Net Amount (in Rs.): 499999.95127638