

ESTIMATION DPR							
State	Odisha	District	Kendujhar	Block	Hatadihi	Gram Panchayat	Samana

Work Code	OD/361/3449/119408/387210/00017583 (Renovation of Hanuman Tank at Chapundia Village)						
Project Category	Water Body						

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Hatadihi	Proposal Date	07-12-2024
Date of Commencement	08-10-2025	Date of Completion	-
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	Maintenance of Capital Assets
Project Sub-Category	Tank	Project Type	New Work
Name of Executant	KSHETRAMOHAN MARNDI		

Administrative Approval Details

Approval No.	OD/361/3449/119408/387210/00017583/AS
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Technical Sanction Details

Technical Sanction No.	OD/361/3449/119408/387210/00017583/TS
Fund Sanction No.	28960
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	55.35	240.77592	40781.900800495
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	14.76	1049.706332	40781.900800495

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.	Cum	68.429	6039.36696654	40781.900800495
4	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	188.6	216.23489289764	40781.900800495
Total Amount (in Rs.): 482870.35558618					

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>	-	55.35	Cum
i	Un-Skilled	0.516	28.5606	-
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>	-	14.76	Cum
i	Un-Skilled	0.1236	1.824336	-

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>	-	68.429	Cum
i	Skilled	0.18	12.31722	-
ii	Un-Skilled	3.9	266.8731	-
4	<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>	-	188.6	Sqm
i	Semi-Skilled	0.05	9.43	-
ii	Skilled	0.05	9.43	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	297.258036	462	137333.212632
1	Skilled	21.74722	562	12221.93764
2	Semi-Skilled	9.43	512	4828.16
Total: 154383.310272				

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	-	55.35	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.	-	14.76	Cum
i)	BRM029 : Sand for filling and road blinding	1	14.76	1 Cum

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.	-		68.429	Cum
i)	BRM340 : Cement	2.29		156.70241	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48		32.84592	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96		65.69184	1 Cum.
4	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	-		188.6	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267		0.503562	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126		23.7636	1Mtr.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	14.76	1 Cum	786.71	11611.8396

2	BRM340	156.70241	1 Qntl.	592.307	92815.93435987
3	BRM028	32.84592	1 Cum	731.61	24030.4035312
4	BRM044	65.69184	1 Cum.	1726.96	113447.1800064
5	BRM104	0.503562	1Cum.	58573.086	29495.180332332
6	BRM092	23.7636	1Mtr.	229.106	5444.3833416
Total: 276844.9211714					

ROYALTY 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	-	55.35	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.	-	14.76	Cum
i)	BRM029 : Sand for filling and road blinding	1	14.76	1 Cum

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.	-		68.429	Cum
i)	BRM340 : Cement	2.29		156.70241	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48		32.84592	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96		65.69184	1 Cum.
4	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	-		188.6	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267		0.503562	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.000614		0.1158004	1Mtr.

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	14.76	1 Cum	195.5	2885.58

2	BRM028	32.84592	1 Cum	195.5	6421.37736
3	BRM044	65.69184	1 Cum.	264	17342.64576
					Total: 26649.60312

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Display Citizen Board @ Rs. 5000	Rs. 5000
2	Any Other Lumpsum @ Rs. 7300.94	Rs. 7300.94
3	Provision for Contingency @ 1%	Rs. 4828.7035558618
		Total Addition Component Amount (in Rs.): 17129.643555862

Total Net Amount (in Rs.): 499999.99914204