

ESTIMATION DPR							
State	Odisha	District	Malkangiri	Block	Malkangiri	Gram Panchayat	Tandiki

Work Code	OD/364/3484/119979/430227/00013429 (Renovation of Tank at Bondikiguda)
Project Category	Water Body

Financial Year	2020-21	Execution Level	PS
Executing Agency	Panchayat Samiti, Malkangiri	Proposal Date	08-06-2021
Date of Commencement	12-06-2025	Date of Completion	28-07-2025
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	Maintenance of Capital Assets
Project Sub-Category	Tank	Project Type	Renovation or Rejuvenation
Name of Executant	Er BABITA BISWAS		

Administrative Approval Details

Approval No.	OD/364/3484/119979/430227/00013429/AS
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Technical Sanction Details

Technical Sanction No.	OD/364/3484/119979/430227/00013429/TS
Fund Sanction No.	12821
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	Special items for irrigation works (AR0216) : Excavation, loading, unloading, and carriage by mechanical means of all kinds of soil, including stoney earth, gravel, and moorum etc interspread with boulders upto 1/2 cum within an initial lead of 1km from the place of excavation. - Excavation, loading, unloading, and carriage by mechanical means of all kinds of soil, including stoney earth, gravel, and moorum etc interspread with boulders upto 1/2 cum size with all lifts and delifts including trimming of slopes and bed to design section and depositing the the excavated materials away from work site as per the specification and as directed by the Engineer-in-charge within an initial lead of 1km from the place of excavation complete. Per 1 cum.	Cum	4500	67.165	188307
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2	miscellaneous (ARM308) : Excavation, loading & carriage by mechanical means in medium hard rock (can not be scapped or peeled with knife, hanheld specimen can be broken with single moderate blow with pick, crushing strength between 100 to 250 kg/sqcm) in canal, foundation & cut-o - Excavation, loading & carriage by mechanical means in medium hard rock (can not be scapped or peeled with knife, hanheld specimen can be broken with single moderate blow with pick, crushing strength between 100 to 250 kg/sqcm) in canal, foundation & cut-off trenches of earth dam & other deep cutting by means of Rock Breaker with all lifts, delifts including trimming the bed & slopes to designed finished section loading into & transportation by transport vehicle within 1 KM lead & depositing the excavated materials neatly in specific dump yard as directed by the Engineer-in-charge etc. complete. (Special Items for Irrigation works) .	Cum	315	597.8	188307
Total Amount (in Rs.): 490549.5					

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Special items for irrigation works(AR0216) :.Excavation, loading, unloading, and carriage by mechanical means of all kinds of soil, including stoney earth, gravel, and moorum etc interspread with boulders upto 1/2 cum within an initial lead of 1km from the place of excavation. - Excavation, loading, unloading, and carriage by mechanical means of all kinds of soil, including stoney earth, gravel, and moorum etc interspread with boulders upto 1/2 cum size with all lifts and delifts including trimming of slopes and bed to design section and depositing the the excavated materials away from work site as per the specification and as directed by the Engineer-in-charge within an initial lead of 1km from the place of excavation complete. Per 1 cum.	-	4500	Cum
i)	BRMMR0065 : Add for trimming of slope and bed manually.	1	4500	L.S.
ii)	BRMMR0102 : Cost of mechanical excavation per cum without supervision charge for item AR0216	1	4500	Cum
iii)	BRMMR0104 : ost of transportation of loose earth within the initial lead of 1 km, excluding supervision charges - AR0216	1	4500	Cum

2	miscellaneous(ARM308) :.Excavation, loading & carriage by mechanical means in medium hard rock (can not be scapped or peeled with knife, hanheld specimen can be broken with single moderate blow with pick, crushing strength between 100 to 250 kg/sqcm) in canal, foundation & cut-o - Excavation, loading & carriage by mechanical means in medium hard rock (can not be scapped or peeled with knife, hanheld specimen can be broken with single moderate blow with pick, crushing strength between 100 to 250 kg/sqcm) in canal, foundation & cut-off trenches of earth dam & other deep cutting by means of Rock Breaker with all lifts, delifts including trimming the bed & slopes to designed finished section loading into & transportation by transport vehicle within 1 KM lead & depositing the excavated materials neatly in specific dump yard as directed by the Engineer-in-charge etc. complete. (Special Items for Irrigation works) .	-	315	Cum
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i)	BRMM308 : Excavation, loading & carriage by mechanical means in medium hard rock (can not be scapped or peeled with knife, hanheld specimen can be broken with single moderate blow with pick, crushing strength between 100 to 250 kg/sqcm) in canal, foundation & cut-off trenches of earth dam & other deep cutting by means of Rock Breaker with all lifts, delifts including trimming the bed & slopes to designed finished section loading into & transportation by transport vehicle within 1 KM lead & depositing the excavated materials neatly in specific dump yard as directed by the Engineer-in-charge etc. complete. (Special Items for Irrigation works)	1	315	1 Cum
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Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRMMR0065	4500	L.S.	1	4500
2	BRMMR0102	4500	Cum	25.01	112545
3	BRMMR0104	4500	Cum	40.49	182205
4	BRMM308	315	1 Cum	597.8	188307
					Total: 487557

ROYALTY STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
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1	Special items for irrigation works(AR0216) :.Excavation, loading, unloading, and carriage by mechanical means of all kinds of soil, including stoney earth, gravel, and moorum etc interspread with boulders upto 1/2 cum within an initial lead of 1km from the place of excavation. - Excavation, loading, unloading, and carriage by mechanical means of all kinds of soil, including stoney earth, gravel, and moorum etc interspread with boulders upto 1/2 cum size with all lifts and delifts including trimming of slopes and bed to design section and depositing the the excavated materials away from work site as per the specification and as directed by the Engineer-in-charge within an initial lead of 1km from the place of excavation complete. Per 1 cum.	-	4500	Cum
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2	miscellaneous(ARM308) :.Excavation, loading & carriage by mechanical means in medium hard rock (can not be scapped or peeled with knife, hanheld specimen can be broken with single moderate blow with pick, crushing strength between 100 to 250 kg/sqcm) in canal, foundation & cut-o - Excavation, loading & carriage by mechanical means in medium hard rock (can not be scapped or peeled with knife, hanheld specimen can be broken with single moderate blow with pick, crushing strength between 100 to 250 kg/sqcm) in canal, foundation & cut-off trenches of earth dam & other deep cutting by means of Rock Breaker with all lifts, delifts including trimming the bed & slopes to designed finished section loading into & transportation by transport vehicle within 1 KM lead & depositing the excavated materials neatly in specific dump yard as directed by the Engineer-in-charge etc. complete. (Special Items for Irrigation works) .	-	315	Cum
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S/N	Material Name	Qty	Unit	Royalty Rate	Amount
					Total: 0

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Display Citizen Board @ Rs. 4545	Rs. 4545
2	Any Other Lumpsum @ 1%	Rs. 4905.495
Total Addition Component Amount (in Rs.): 9450.495		

Total Net Amount (in Rs.): 499999.995