

ESTIMATION DPR							
State	Odisha	District	Bargarh	Block	Attabira	Gram Panchayat	Kultatukura

Work Code	OD/347/3311/116356/380924/00065590 (Installation of solar water supply at Gandhi tikira under Kultatukura GP of Attabira Block)						
Project Category	Rural Electrification						

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Attabira	Proposal Date	11-09-2025
Date of Commencement	-	Date of Completion	
Scheme Name	SFC Devolution of Fund	Scheme Component Name	5TH SFC DEVOLUTION GRANT TO ZILLA PARISHAD
Project Sub-Category	LED Street Lighting	Project Type	New Work
Name of Executant			

Administrative Approval Details

Approval No.	
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Technical Sanction Details

Technical Sanction No.	OD/347/3311/116356/380924/00065590/TS
Fund Sanction No.	4190
Fund Sanction Amount (in Rs.)	364291

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	0.408375	240.77592	98.32686633
2	<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	0.408375	5754.43232346	2349.966300093

3	<p style="text-align: center;">R.C.C. Work (AR0404A) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section 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. (excluding centring and shuttering)</p>	Cum	1.07925	5932.8056160842	6402.9804611589
4	<p style="text-align: center;">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>	Sqm	6.18	216.70813962884	1339.2563029062

5	miscellaneous (ARM097) : Labour for fitting and fixing flat iron wind ties including drilling holes and supplying bolts and nuts. (Iron works) and as directed by Engineer-in-Charge. - Labour for fitting and fixing flat iron wind ties including drilling holes and supplying bolts and nuts. (Iron works) and as directed by Engineer-in-Charge.	Qntl	7	278.02	1946.14
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Total Amount (in Rs.): 12136.669930488

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement 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	-	0.408375	Cum
i	Un-Skilled	0.516	0.2107215	-

2	<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>	-	0.408375	Cum
i	Skilled	0.18	0.0735075	-
ii	Un-Skilled	3.9	1.5926625	-
3	<p>R.C.C. Work (AR0404A) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section 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. (excluding centring and shuttering)</p>	-	1.07925	Cum

	i	Un-Skilled	1.3333	1.438964025	-
	ii	Skilled	0.1	0.107925	-
	iii	Semi-Skilled	0.0573	0.061841025	-
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	-	6.18	Sqm
	i	Semi-Skilled	0.05	0.309	-
	ii	Skilled	0.05	0.309	-
5		miscellaneous (ARM097) : Labour for fitting and fixing flat iron wind ties including drilling holes and supplying bolts and nuts. (Iron works) and as directed by Engineer-in-Charge. - Labour for fitting and fixing flat iron wind ties including drilling holes and supplying bolts and nuts. (Iron works) and as directed by Engineer-in-Charge.	-	7	Qntl

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	3.242348025	462	1497.96478755
2	Skilled	0.4904325	562	275.623065
3	Semi-Skilled	0.370841025	512	189.8706048
Total: 1963.45845735				

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	-	0.408375	Cum
2	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.	-	0.408375	Cum
i)	BRM340 : Cement	2.29	0.93517875	1 Qntl.

ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	0.19602	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	0.39204	1 Cum.
3	R.C.C. Work (AR0404A) :Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section 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. (excluding centring and shuttering)	-	1.07925	Cum
i)	BRM340 : Cement	3.4733	3.748559025	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	0.4856625	1 Cum
iii)	BRM060 : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	0.38853	1 Cum.
iv)	BRM052 : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	0.582795	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	-	6.18	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.0165006	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	0.77868	1Mtr.
5	miscellaneous(ARM097) :.Labour for fitting and fixing flat iron wind ties including drilling holes and supplying bolts and nuts. (Iron works) and as directed by Engineer-in-Charge. - Labour for fitting and fixing flat iron wind ties including drilling holes and supplying bolts and nuts. (Iron works) and as directed by Engineer-in-Charge.	-	7	Qntl
i)	BRMM097 : Labour for fitting and fixing flat iron wind ties including drilling holes and supplying bolts and nuts. (Iron works)	1	7	Qtl.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM340	4.683737775	1 Qntl.	642.957	3011.4419886007
2	BRM028	0.6816825	1 Cum	539.24	367.5904713
3	BRM044	0.39204	1 Cum.	1549.69	607.5404676
4	BRM060	0.38853	1 Cum.	2011.16	781.3959948
5	BRM052	0.582795	1 Cum.	1943.05	1132.39982475
6	BRM104	0.0165006	1Cum.	58715.766	968.8453684596

7	BRM092	0.77868	1Mtr.	371.786	289.50232248
8	BRMM097	7	Qtl.	278.02	1946.14
Total: 9104.8564379903					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	0.6816825	1 Cum	80.5	54.87544125
2	BRM044	0.39204	1 Cum.	299	117.21996
3	BRM060	0.38853	1 Cum.	169	65.66157
4	BRM052	0.582795	1 Cum.	169	98.492355
Total: 336.24932625					

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Display Citizen Board @ Rs. 1500	Rs. 1500
2	Any Other Lumpsum @ Rs. 350654	Rs. 350654
Total Addition Component Amount (in Rs.): 352154		

Total Net Amount (in Rs.): 364290.66993049