

ESTIMATION DPR							
State	Odisha	District	Jagatsinghpur	Block	Tirtol	Gram Panchayat	Patilo

Work Code	OD/355/3393/118229/397729/00104910 (Installation of Solar LED Mini Mast Light near Kotian Gagan Bhoi House, Patilo, GP-Patilo)						
Project Category	Rural Electrification						

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Tirtol	Proposal Date	-
Date of Commencement	-	Date of Completion	
Scheme Name	SFC Devolution of Fund	Scheme Component Name	5TH SFC DEVOLUTION GRANT TO PANCHAYAT SAMITI
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.	
Fund Sanction No.	
Fund Sanction Amount (in Rs.)	100000

### 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;"><b>R.C.C. Work (AR0404Aa) :</b>  <b>Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite chips -</b>  Reinforced cement concrete work of M-20 grade with 20mm &amp; 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&amp;P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC foundation, footing bases of column, mass concrete, pre-cast slabs etc.)</p>	Cum	0.4864	7229.3319892945	3516.3470795928
<b>Total Amount (in Rs.): 3516.3470795928</b>					

### LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
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1	<b>R.C.C. Work (AR0404Aa) :</b> <b>Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite chips -</b> 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC foundation, footing bases of column, mass concrete, pre-cast slabs etc.)	-	0.4864	Cum
i	Un-Skilled	1.3333	0.64851712	-
ii	Skilled	0.175	0.08512	-
iii	Semi-Skilled	0.1323	0.06435072	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	0.64851712	462	299.61490944
2	Skilled	0.08512	562	47.83744
3	Semi-Skilled	0.06435072	512	32.94756864
<b>Total:</b>				<b>380.39991808</b>

## MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	<p><b>R.C.C. Work (AR0404Aa)</b>  <b>:.Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite chips -</b>  Reinforced cement concrete work of M-20 grade with 20mm &amp; 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&amp;P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC foundation, footing bases of column, mass concrete, pre-cast slabs etc.)</p>	-	<b>0.4864</b>	Cum
i)	<b>BRM340</b> : Cement	3.4733	1.68941312	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	0.21888	1 Cum
iii)	<b>BRM060</b> : 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	0.175104	1 Cum.
iv)	<b>BRM052</b> : 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	0.262656	1 Cum.

v)	<b>BRM104</b> : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.004005	0.001948032	1Cum.
vi)	<b>BRM092</b> : Non-sal bullahs 75mm. mean dia of any length.	0.189	0.0919296	1Mtr.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM340</b>	1.68941312	1 Qntl.	594.292	1004.004701911
2	<b>BRM028</b>	0.21888	1 Cum	543.02	118.8562176
3	<b>BRM060</b>	0.175104	1 Cum.	2924.58	512.10565632
4	<b>BRM052</b>	0.262656	1 Cum.	2888.2	758.6030592
5	<b>BRM104</b>	0.001948032	1Cum.	58620.646	114.19489426867
6	<b>BRM092</b>	0.0919296	1Mtr.	276.666	25.4337947136
<b>Total: 2533.1983240133</b>					

### ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	<b>BRM028</b>	0.21888	1 Cum	199.25	43.61184
2	<b>BRM060</b>	0.175104	1 Cum.	444.5	77.833728
3	<b>BRM052</b>	0.262656	1 Cum.	444.5	116.750592
<b>Total: 238.19616</b>					

### ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 1000	Rs. 1000
2	Display Citizen Board @ Rs. 300	Rs. 300
3	Any Other Lumpsum @ Rs. 95183	Rs. 95183
<b>Total Addition Component Amount (in Rs.): 96483</b>		

**Total Net Amount (in Rs.): 99999.347079593**