

TPNODL

Division Letter Head

ESTIMATE CUM BILL OF MATERIALS

Division: Jajpur

Sub-Division: Jajpur Road

Section: Chorda

Name of Work:

Estimate cum bill of materials for Temporary power supply to **10KW LT-GPS** load in favour of **M/S.MUKTA HOME PVT LTD** ,At: Dhabalgiri ,under **Chorda** Electrical Section, Jajpur Road Division, Dist:-Jajpur ,against deposit of funding in 6% Supervision Scheme .
(FG No:-3309012500991)

This is a provisional estimate. The final estimate will be done as per actual material utilization at the site just after work completion. Before charging, the balance amount, if any, will be paid by the applicant and then only the installation would be charged.

Name of the Scheme :

6% Supervision Scheme

Sanction Estimate Order No.:- JRED / NEG / 949 / 24-25

RIGHT OF WAY IS THE SOLE RESPONSIBILITY OF THE APPLICANT

THE SAID ESTIMATE WILL BE ESCALATED FURTHER (IF THE WORK IS NOT COMPLETED IN THIS FY 2024-25)

Summary of the Estimate

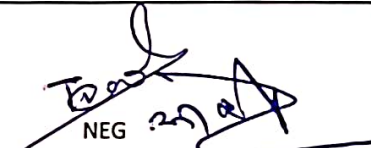
Sl No.	Head of Estimate	Cost of Estimate	Chargeable to Party
1	Line Part	80,972.00	4,581.00
2	Sub Station Part	4,68,668.00	26,501.00
3	Metering Part		
Grand Total Capital Cost of Estimate		5,49,640.00	31,082.00

N.B.:- Inspection fee as applicable will be deposited by the party in Govt. Treasury in specified Head of A/C.

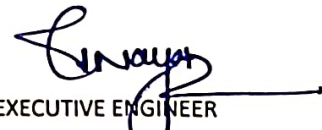
Sanctioned Estimated Amount :- Rs. 5,49,640.00 (Rupees Five Lakhs Fourty Nine Thousand Six Hundred Fourty Only)

Chargeable To Party : Rs. 31,082.00 (Rupees Thirty One Thousand Eighty Two Only)

PRE AUDITED:


NEG
JRED


DY.MANAGER
(COM.,JRED)


EXECUTIVE ENGINEER
JRED

TPNODL

Corporate Office: Januganj, Balasore – 756019, Odisha

Sanction Estimate Order No.:- JRED / NEG / 346/24-25

Scope of Work :

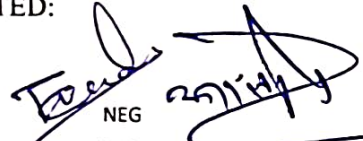
- 1) Installation of 25 KVA, 11/0.4 KV DP mounted S/S (On 9 mtr PSC Pole)= 1 No.
- 2) Construction of 11kv 3p 3w 100 sqmm Insulated conductor=0.03km.
- 3) Erection of 11 kv interposing pole with 9 mtr psc pole=1 no.

Line Part

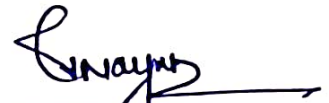
Sl.no	Name of materials	Unit	Rate 2018-19	Qty.	Amount(Rs.)	Chargeable to party
1	9Mtr long 300kg PSC pole	No	3540.00	1	3,540.00	
2	11KV V cross arm	No	955.80	1	955.80	
3	11KV F CLAMP	No	283.20	1	283.20	
4	Back clamp for V cross arm	No	94.40	1	94.40	
5	11kv Pin Insulator (Polymer)	No	236.00	6	1,416.00	
6	H W fitting(T&C)45KN	Set	153.40	3	460.20	
7	Disc insulator (T&C)45 KN polymer	No	1014.80	3	3,044.40	
8	HT stay set(complete)	set	1239.00	1	1,239.00	
9	HT Stay insulator	No	59.00	1	59.00	
10	HT stay clamp(1.95kg/ pair)	Pair	147.50	1	147.50	
11	7/10 SWG Stay wire 10kg/stay	kg	88.50	10	885.00	
12	11kv 1core, 100mm ² XLPE insulated AAA conductor (Unarmoured)	Km	106200.00	0.093	9,844.74	
13	100 x 50 x 6 mm G I Channel (each 2.8 Mtr. Long (9.2kg/mtr.) * 2 no.	kg	88.50	26	2,279.76	
14	75 x 40 x 6 mm G I Channel (each 2.8 Mtr. Long 6.8kg/mtr.) with side angle	kg	88.50	19	1,685.04	
15	50 x 50 x 6 mm G I Angle (each 2.8 Mtr. Long 4.5kg/mtr.) with side angle	kg	88.50	13	1,115.10	
16	PG clamp for 100 mm ² conductor	No	684.40	3	2,053.20	
17	GI Nuts & Bolts of Assorted Size	kg	92.04	6	547.64	
18	Earthing support (coil type)	No	195.88	1	195.88	
19	Danger plate	No	94.40	1	94.40	
20	Guarding for Road Crossing	No.	13016.58	0	-	
21	Anti Climbing Device made of GI barbed wire, Clamping arrangement etc.(2kg Per Support)	Kg	94.40	2	188.80	
22	Sundries (Survey, Tree cutting, insulation tape, Small Size nut bolt, clamp, Binding wire, Sockets etc.)	LS	3540.00	1	3,540.00	
A1	Total landed Cost of material				33,669.06	
A2	Total Material Cost (2019 - 20) @ 6% escalation				35,689.20	
A3	Total Material Cost (2020 - 21) @ 6% escalation				37,830.55	
A4	Total Material Cost (2021 - 22) @ 6% escalation				40,100.39	
A5	Total Material Cost (2022 - 23) @ 6% escalation				42,506.41	
A6	Total Material Cost (2023 - 24) @ 6% escalation				45,056.79	
A7	Total Material Cost (2024 - 25) @ 6% escalation				47,760.20	
B	Stock, Storage & insurance @ 3% of A7 (B)				1,432.81	
C	Sub-Total C=(A7+B)				49,193.01	
D	T & P charges @ 2% of C (D)				983.86	

E	Contingency @ 3% of C (E)				1,475.79
F	Transportation @ 7.5% of C (F)				3,689.48
G1	G1= 5% of(1.03 of (1.06*1.06*1.06*1.06*1.06*1.06) of (sl1))	Erection Charges @5% for Joist Pole			-
G2	G2= 20% of (1.03 of (1.06*1.06*1.06*1.06*1.06*1.06) of (sl_))	Erection Charges @20% for PSC Pole			1,034.44
G3	G3= 10% of (C-(1.03 of((1.06*1.06*1.06*1.06*1.06*1.06) of (sl1))	Erection Charges @10% for other material			4,402.08
G4	G4 = Labour charges + transportation charges				
1	Total (C+D+E+F+G1+G2+G3+G4)				60,778.66
2	Salvage Value of Dismantled Material to be returned to Store				
G5	Total G5 = (1-2)				60,778.66
	Civil works				
1	Material cost for Concreting of 9Mtr PSC Pole 1.8mtrx0.45mtrx0.45mtr =0.36cum (PCC 1:3:6) @6500	No.	2795.72	1	2,795.72
2	Material cost for Concreting of Stay (1.65mtrx0.30mtrx0.30mtr=0.15 cum - PCC 1:3:6)@6500	No.	1138.70	1	1,138.70
H	Total 1 to 2				3,934.42
I	Sub Total I=(G5+H)				64,713.07
J	O.H Charges 6% of I (J)				3,882.78
K1	Total cost of the work estimated K1 = (I+J)				68,595.85
L	GST 18% of K1 (L)				12,347.25
M	BOCW CESS @ 1% of H (M)				39.34
O	Inclusive Cost of the Work Estimated -O=(K+L+M+N))(To be Invoiced)				80,982.00

PRE AUDITED:


NEG
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(COM.,JRED)


EXECUTIVE ENGINEER
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TPNODL

Sanction Estimate Order no.: JRED /NEG / 349 / 24-25

Sub-station Part

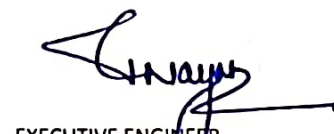
Sl.no	Name of materials	Unit	Rate 2018-19	Qty.	Amount(Rs.)	Chargeable to party
1	9Mtr long 300kg PSC pole	No	3540.00	2	7,080.00	
2	11kv Pin Insulator (Polymer)	No	236.00	3	708.00	
3	H W fitting(T&C)45KN	Set	153.40	3	460.20	
4	Disc insulator (T&C)45 KN polymer	No	1014.80	3	3,044.40	
5	100 x 50 x 6 mm G I Channel (each 2.8 Mtr. Long (9.2kg/mtr.) * 2 no.	kg	88.50	103.04	9,119.04	
6	75 x 40 x 6 mm G I Channel (each 2.8 Mtr. Long 6.8kg/mtr.) with side angle	kg	88.50	76.16	6,740.16	
7	50 x 50 x 6 mm G I Angle (each 2.8 Mtr. Long 4.5kg/mtr.) with side angle	kg	88.50	50.4	4,460.40	
8	HT Stay Set(Complete)	Set	1239.00	2	2,478.00	
9	HT Stay Insulator	No.	59.00	2	118.00	
10	HT Stay Clamp	pair	147.50	2	295.00	
11	7/10 SWG Stay wire	Kg.	88.50	20	1,770.00	
12	Fish Plate	kg	88.50	4	354.00	
13	55mm ² insulated conductor	KM	89586.00	0.04	3,583.44	
14	25 KVA, 11/0.4KV(AL)Transformer BIS Energy level-II with LT bushing cover	No	63,484.00	1	63,484.00	
15	LT Distribution Box with MCCB, Aluminium Busbar of single Bay with kit kat fuse for 25 KVA S/S	No	17,617.40	1	17,617.40	
16	AB Switch (11KV.200A.3pole,50Hz)	Set	8673.00	1	8,673.00	
17	H.G.Fuse(11KV.200A.3Pole)with PI	Set	7221.60	1	7,221.60	
18	11KV LA 12KV-10KA	No.	4189.00	3	12,567.00	
19	PG clamp for 55 mm ² AAA conductor	No	566.40	3	1,699.20	
20	GI Pipe Earthing 40 Dia Medium gage 3 mtrs. Long	No.	1239.00	5	6,195.00	
21	Earthing Materials	LS	2230.20	5	11,151.00	
22	25x6mm GI Flat for earthing	Kg.	88.50	12	1,062.00	
23	No-6/8 G I wire (Dia 4.6mm)	K.G	88.50	8	708.00	
24	GI Nut,Bolt & Washer of Different Sizes	Kg.	92.04	20	1,840.80	
25	3.5 Cx 50 mm ² LT PVC Cable(un armoured)	Mtr	239.54	30	7,186.20	
26	Earthing support (coil type)	No	195.88	2	391.76	
27	Danger plate	No	94.40	2	188.80	
28	All Cable Sockets	No	61.36	12	736.32	
29	Anti Climbing Device made of GI barbed wire, Clamping arrangement etc.(2kg Per Support)	Kg	94.40	4	377.60	
30	Sundries for survey, PVC tape, Ampire Tape, Danger Board, small size nut & bolt preparation of drawing cable socket etc.	LS	2360.00	1	2,360.00	
A1	Total landed Cost of material				1,83,670.32	
A2	Total Material Cost (2019 - 20) @ 6% escalation				1,94,690.54	
A3	Total Material Cost (2020 - 21) @ 6% escalation				2,06,371.97	
A4	Total Material Cost (2021 - 22) @ 6% escalation				2,18,754.29	

A5	Total Material Cost (2022 - 23) @ 6% escalation	2,31,879.55	
A6	Total Material Cost (2023 - 24) @ 6% escalation	2,45,792.32	
A7	Total Material Cost (2024 - 25) @ 6% escalation	2,60,539.86	
B	Stock, Storage & insurance @ 3% of A7 (B)	7,816.20	
C	Sub-Total C=(A7+B)	2,68,356.06	
D	T & P charges @ 2% of C (D)	5,367.12	
E	Contingency @ 3% of C (E)	8,050.68	
F	Transportation @ 7.5% of C (F)	20,126.70	
G1	G1= 5% of(1.03 of (1.06*1.06*1.06*1.06*1.06*1.06) of (sl1 + sl13))	Erection Charges @5% for DTR& Joist Pole	4,637.74
G2	G2= 10% of (C-(1.03 of((1.06*1.06*1.06*1.06*1.06*1.06)of(sl1+sl13))	Erection Charges @10% for Other Material	16,525.68
G3	G3= 20% of (1.03 of (1.06*1.06*1.06*1.06*1.06*1.06) of ())	Erection Charges @20% for PSC Pole	2,068.88
	Civil works		
1	Material cost for Concreting of 9Mtr PSC Pole 1.8mtrx0.45mtrx0.45mtr =0.36cum (PCC 1:3:6) @6500	No. 2795.72 2	5,591.43
2	Material cost for Concreting of Stay (1.65mtrx0.30mtrx0.30mtr=0.15 cum - PCC 1:3:6)@6500	No. 1138.70 2	2,277.40
3	Barbed fencing with Grill gate, Metal & Sand	LS 41300.00 1	41,300.00
4	Plinth for Distribution Transformer	LS 41300.00 0	-
H	Total landed cost (1 to 4)		49,168.83
I	Sub Total I=(C+D+E+F+G1+G2+G3+H)		3,74,301.70
J	O.H Charges 6% of I (J)		22,458.10
K2	Total cost of the work estimated K2 = (I+J)		3,96,759.80
L	GST 18% of K (L)		71,416.76
M	BOCW CESS @ 1% of H (M)		491.69
O	Inclusive Cost of the Work Estimated -O=(K+L+M+N))(To be Invoiced)		4,68,668.00
			26,501.00

PRE AUDITED:


NEG
JRED


DY.MANAGER
(COM.,JRED)


EXECUTIVE ENGINEER
JRED

Application Details

Reference No:	3309012500991	Reference no. creation date.:	09-01-2025
Circle:	JAJPUR	Demand Note Issue date	17-01-2025
Division:	JED JAJPUR ROAD	Demand Note payment Due Date:	01-02-2025
Sub Division:	SDO JAJPUR ROAD	Voltage of Supply:	LT-Three Phase-3
Section:	ESO CHORDA CHHAKA	Connection Type:	TSC
Duration of supply(days):	180	Government Type:	-

Connection Details

Name:	M/S. MUKTA HOME PVT LTD	Load/Phase:	10 KW / 3 - Phase
Tariff Category:	LT-GPS - LT-GENERAL PURPOSE	Mobile no:	8114969441
Tariff Classification:	LT-GP-TS - TEMP. SUPPLY GENERAL PURPOSE < 110 KVA	E-Mail:	-
GST no:	21AAKCM2463N1ZA	PAN No:	AAKCM2463N
TAN no.:	-	Contractor Name.:	M/s Sradha Sai
Supply Address:	1384/3235/01 , RAMDAS COLONY, DHABALGIRI ,JAJPUR , 755019	Billing Address:	1384/3235/01 , RAMDAS COLONY DHABALGIRI ,JAJPUR , 755019

Charge Details

No	Description	Total Amount(₹)
	SECURITY DEPOSIT:	RS. 36077.2
	SERVICE LINE CHARGES:	RS. 3200
	Supervision Charges:	RS. 26340.88
	Central Goods and Services Tax:	RS. 2370.68
	State Goods and Services Tax:	RS. 2370.68
	Total Amount in Rupees:	RS. 70359.43999999999
	Total Amount Payable after Rounding* in Rupees	RS. 70359

Notes:

You are requested to pay the total amount Rs. 70359 within 15 days from the date of Demand Note, failing which the application will be cancelled without further notice.

Any differential amount in Demand charges will be intimated after final/revised estimate if required.