

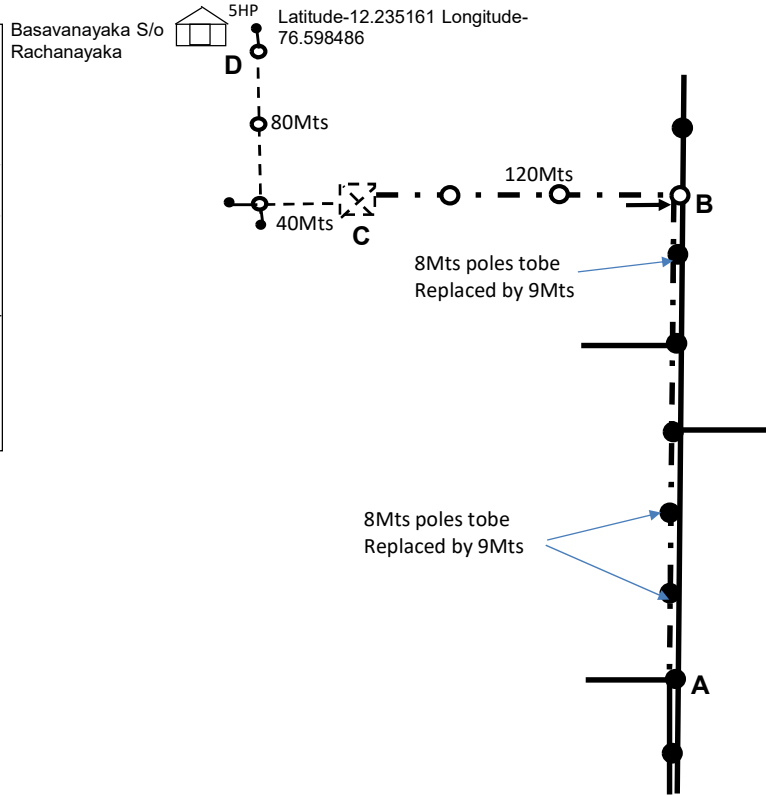


CHAMUNDESWARI ELECTRICITY SUPPLY CORPORATION LIMITED

Estimate No:-RJMSGK-09 Dated: 16.09.2022

Estimate for APS to 5HP GKIP Sets of Sri. Basavanayaka S/o Rachanayaka D.Salundi Village, Sy No.64/1, at Kenchalagud IP Limit in Jayapura Section R.K.nagar Sub-division.

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	Existing 11KV LINE
	Existing Poles
	Proposed HT Line
	Proposed Poles
	Proposed LT Line
	Proposed 25KVA DTC
	Proposed Installation
	Proposed Guy
Proposed Line Details	
HT LINE = 300Mts	
DTC= 25KVA	
LT LINE =120Mts	



Report: This estimate Amounting **Rs=364056.00** has been preparing for APS to 5HP GKIP Sets of Sri. Basavanayaka S/o Rachanayaka D.Salundi Village, Sy No.64/1, at Kenchalagud IP Limit in Jayapura Section R.K.nagar Sub-division.

For APS to the above said 5HP GKIP Set at Kenchalagud IP Limit, It is proposed to Extending the 11KV Line from point "A" to "B" at about 180Mts Double Ckt. Line with existing 11KV Danagally NJY feeder, and point "B" to "C" at about 120Mts Total =300Mts providing 25KVA DTC at "C" and Extending LT Line from "C" to "D" at about 120Mts, as shown in the Sketch. The necessary required materials are providing in the estimate. the proposed 25KVA DTC comes on 11KV Line of Udboor IP feeder emanating from 66/11KV JAYAPURA MUSS, in Jayapura Section R.K.nagar Sub-division.

Hence I am here with Submitting the estimate for your Kind needfull sanction.

Assistant Engineer(Ele)
Jayapura O & M Section,
CESC, Mysore.

Assistant Executive Engineer (Ele)
R.K.Nagar Sub-Division,
CESC, Mysore.



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Part-A = Extention of 11KV Line

SL NO	Name of the Materials	Unit	Quantity	Materials		Labour	
				Rate	Amount	Rate	Amount
1	RCC Pole 9Mts long	No.	1	7153.00	7153.00	1341.00	1341.00
2	PSC Pole 9Mts long	No.	5	4276.00	21380.00	1341.00	6705.00
3	R.C.C. Stud pole pole 9 mtrs long	Nos.	1	7675.00	7675.00	1585.00	1585.00
4	Spiral Earth Electrode	Set	6	248.00	1488.00	70.00	420.00
5	11KV Horizontal Crass arms with HTST Support	Set	15	668.00	10020.00	122.00	1830.00
6	11 kV, 45 KN Polymeric Insulator	No.	9	202.00	1818.00	0.00	0.00
7	11 kV, 5 KN Composite/Polymeric Pin Insulator (24 mm Dia FRP Rod)	No.	21	221.00	4641.00	0.00	0.00
8	Rabbit Conductor +1.5% Sag	Kms	0.914	61515.00	56224.71	3299.00	3015.29
9	Conductor Accessories @ 3%				1686.74	0.00	0.00
10	HT / LT guarding and road guarding	Span	7	4355	30485.00	762.00	5334.00
11	Miscelanious Materials	L/S			28.55		69.71
12	Total Cost				142600.00		20300.00
13	Total Labour Cost				20300.00		
14	GST @18% on LC				3654.00		
15	PF and ESI Charges @ 17.75% on LC				3603.25		
16	Transportation Charges @2% on Materials				2852.00		
17	Contengency @ 2% on Total Materials +Labour Charges				3258.00		
18	ESCOM Establishment cost @ 20% on labour charges				4060.00		
19	Grand Totals Rs=				180327.25		

Certificate:- Certified that I have personally visited the spot and prepared this Estimate in most economical and safe way for Executing the work by using CSR.

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Part-B = Errection of 25KVA DTC

SL NO	Name of the Materials	Unit	Quantity	Materials		Labour	
				Rate	Amount	Rate	Amount
1	Erection of 3 Phase, 11kV/433V, 25kVA BEE – 4Star Rated Distribution Transformer on Double pole Structure as per CSD Sheet-24	Set	1	160203.00	160203.00	14490.00	14490.00
2	Loading & Unloading of 25KVA transformer	No.	1	0.00	0.00	410.00	410.00
3	Loading & Unloading of 9Mts pole	No.	2	0.00	0.00	106.00	212.00
4	Miscelanious Materials	L/S			97.00		88.00
5	Total Cost				160300.00		15200.00
6	Total Labour Cost				15200.00		
7	GST @18% on LC				2736.00		
8	PF and ESI Charges @ 17.75% on LC				2698.00		
9	Transportation Charges @2% on Materials				3206.00		
10	Contengency @ 2% on Total Materials +Labour Charges				3510.00		
11	ESCOM Establishment cost @ 20% on labour charges				3040.00		
12	Electrical Inspecrate Charges				3100.00		
13	Grand Totals Rs=				193790.00		

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Part-C = Extention of LT Line

SL NO	Name of the Materials	Unit	Quantity	Materials		Labour	
				Rate	Amount	Rate	Amount
1	RCC Pole 8Mts long	No.	2	5306.00	10612.00	1072.00	2144.00
2	PSC Pole 8Mts long	No.	1	3578.00	3578.00	1072.00	1072.00
3	Guy Set	Set	3	1179.00	3537.00	448.00	1344.00
4	Guy Concrete Materials	Set	3	0.00	0.00	200.00	600.00
5	4Pin Crass Arms	Set	4	439.00	1756.00	122.00	488.00
6	1.1KV Polymeric Pin Insulator	No.	4	81.00	324.00	0.00	0.00
7	No.8 Strain Insulator	No.	16	25.00	400.00	0.00	0.00
8	Rabbit Conductor +1.5% Sag	Kms	0.487	61515.00	29957.81	3299.00	1606.61
9	Conductor Accessories @ 3%				898.73	0.00	0.00
10	Loading & Unloading of 8Mts pole	No.	3	0.00	0.00	79.00	237.00
11	Miscelanious Materials	L/S			36.46		8.39
12	Total Cost				51100.00		7500.00
13	Total Labour Cost				7500.00		
14	GST @18% on LC				1350.00		
15	PF and ESI Charges @ 17.75% on LC				1331.25		
16	Transportation Charges @2% on Materials				1022.00		
17	Contengency @ 2% on Total Materials +Labour Charges				1172.00		
18	ESCOM Establishment cost @ 20% on labour charges				1500.00		
19	Grand Totals Rs=				64975.25		

Certificate:- Certified that I have personally visited the spot and prepared this Estimate in most economical and safe way for Executing the

ABSTRACT		
1	Part-A = Extention of 11KV Line	180327.25
2	Part-B = Errection of 25KVA DTC	193790.00
3	Part-C = Extention of LT Line	64975.25
4	Grand Total Rs=	439092.50
Say Rs=439093.00		

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