



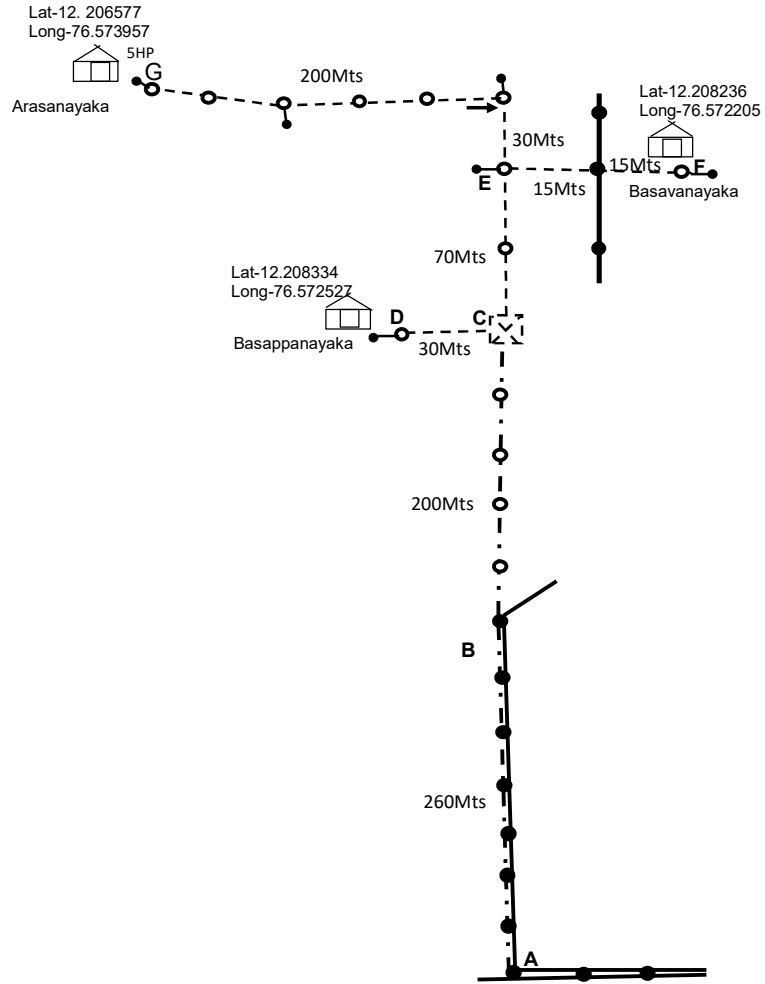
CHAMUNDESWARI ELECTRICITY SUPPLY CORPORATION LIMITED

Estimate No:-RJMSGK-10 Dated: 16.09.2022

Estimate for APS to 3Nos of 5HP GKIP Sets of 1)Sri.Basappanayaka, 2)Basavanayaka, and 3)Arasanayaka at D.Salundi Village in Jayapura Section R.K.nagar Sub-division.

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●	Existing Poles
- · - ·	Proposed HT Line
○	Proposed Poles
→	Proposed Stud pole
- - - -	Proposed LT Line
↙ ↘	Proposed 25KVA DTC
🏠	Proposed Installation
—●—	Proposed Guy

Proposed Line Details
HT LINE = 30Mts
DTC= 25KVA
LT LINE =90Mts



Report: This estimate Amounting **Rs=569025.00** has been preparing for APS to 3Nos of 5HP GKIP Sets of 1)Sri.Basappanayaka, 2)Basavanayaka, and 3)Arasanayaka at D.Salundi Village in Jayapura Section R.K.nagar Sub-division.

For APS to the above said 3Nos of 5HP GKIP Sets at D.Salundi IP Limit, It is proposed to Extending the 11KV Line from point "A" to "B" at about 260Mts with Existing 11KV line of Danagally NJY Feedr, and "B" to "C" at about 200Mts, Total =460Mts, and providing 25KVA DTC at "C" and Extending LT Line from "C" to "D" at about 30Mts, for 5HP GKIP set of Sri.Basappanayaka, and from "C" - "E" - "F" at about 100Mts, for 5HP GKIP set of Sri.Basavanayaka, and from "E" - "G" at about 230Mts, for 5HP GKIP set of Sri.Arasanayaka, 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 = Extension 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.	3	4276.00	12828.00	1341.00	4023.00
3	Spiral Earth Electrode	Set	4	248.00	992.00	70.00	280.00
4	Guy Set	Set	1	1209.00	1209.00	448.00	448.00
5	Guy Concrete Materials	Set	1	0.00	0.00	200.00	200.00
6	11KV Horizontal Crass arms with HTST Support	Set	20	668.00	13360.00	122.00	2440.00
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	11 kV, 45 KN Polymeric Insulator	No.	33	202.00	6666.00	0.00	0.00
9	Rabbit Conductor +1.5% Sag	Kms	1.401	61515.00	86182.52	3299.00	4621.90
10	Conductor Accessories @ 3%				2585.48	0.00	0.00
9	Releasing & Re-Stringing of Rabbit Conductor	Kms	0.780	(0.78 X 3299 X1.9)			4889.12
11	Miscelaneous Materials	L/S			383.01		56.98
12	Total Cost				136000.00		18300.00
13	Total Labour Cost				18300.00		
14	GST @18% on LC				3294.00		
15	PF and ESI Charges @ 17.75% on LC				3248.25		
16	Transportation Charges @2% on Materials				2720.00		
17	Contengency @ 2% on Total Materials +Labour Charges				3086.00		
18	ESCOM Establishment cost @ 20% on labour charges				3660.00		
19	Grand Totals Rs=				170308.25		

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	Miscelaneous 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.	6	5306.00	31836.00	1072.00	6432.00
2	PSC Pole 8Mts long	No.	4	3578.00	14312.00	1072.00	4288.00
3	R.C.C. Stud pole pole 8mtrs long	Nos.	1	5828.00	5828.00	1316.00	1316.00
4	Guy Set	Set	6	1179.00	7074.00	448.00	2688.00
5	Guy Concrete Materials	Set	6	0.00	0.00	200.00	1200.00
6	4Pin Crass Arms	Set	15	439.00	6585.00	122.00	1830.00
7	1.1KV Polymeric Pin Insulator	No.	28	81.00	2268.00	0.00	0.00
8	No.8 Strain Insulator	No.	32	25.00	800.00	0.00	0.00
9	Rabbit Conductor +1.5% Sag	Kms	1.462	61515.00	89934.93	3299.00	4823.14
10	Conductor Accessories @ 3%				2698.05	0.00	0.00
11	Loading & Unloading of 8Mts pole	No.	11	0.00	0.00	79.00	869.00
12	Miscelaneous Materials	L/S			64.02		53.86
13	Total Cost				161400.00		23500.00
14	Total Labour Cost				23500.00		
15	GST @18% on LC				4230.00		
16	PF and ESI Charges @ 17.75% on LC				4171.25		
17	Transportation Charges @2% on Materials				3228.00		
18	Contengency @ 2% on Total Materials +Labour Charges				3698.00		
19	ESCOM Establishment cost @ 20% on labour charges				4700.00		
20	Grand Totals Rs=				204927.24		

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ABSTRACT		
1	Part-A = Extention of 11KV Line	170308.25
2	Part-B = Errection of 25KVA DTC	193790.00
3	Part-C = Extention of LT Line	204927.24
4	Grand Total Rs=	569025.49
Say Rs=569025.00		

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