

CHAMUNDESHWARI ELECTRICITY SUPPLY CORPORATION LIMITED

Estimate No : DL : 83

Date : 20.06.2022

Estimate for arranging power supply to 7.5HP Ganga Kalyana IP set of Sri Rangegowda S/O Huchegowda (D.Devaraja Arasu Backward Class Development Corporation Ltd,Hassan) at Ullavally village in Didaga Section,Nuggehally Sub-Division.

PART : A : EXTENSION OF 11kV LINE.

Sl No.	PARTICULARS	UNIT	QTY	RATE	AMOUNT	LABOUR CHARGES	
						RATE	AMOUNT
1	RCC Pole 9.00 mtr long 145 kg WL	No	2	7153.00	14306.00	1341.00	2682.00
2	PSC Pole 9.00 mtr long 200 kg WL	No	9	4276.00	38484.00	1341.00	12069.00
3	Spiral earth electrode	No	11	248.00	2728.00	70.00	770.00
4	11 kV Horizontal X arm with clamp, HTST,B&N	Set	14	668.00	9352.00	122.00	1708.00
5	11kV,5KN Composite/Polymeric Pin insulator	No	33	221.00	7293.00	0.00	0.00
6	11kV 45kN Polymeric insulator	No	9	202.00	1818.00	0.00	0.00
7	Guy set complete for HT Line	Set	3	1209.00	3627.00	448.00	1344.00
8	Rabbit ACSR Conductor with sag	Km	1.695	61515.00	104267.93	3299.00	5591.81
9	Guy Concreting without cement	Set	3	0.00	0.00	200.00	600.00
SUB TOTAL : A : Rs.					181875.93	Rs.	24764.81

PART : B : ERRECTION OF 1 X 25kVA DTC

1	9 Mtr RCC DP Transformer Structure (Using 9 Mtr RCC Poles)	No	1	32533.00	32533.00	5205.00	5205.00
2	11kV,5KN Composite/Polymeric Pin insulator	Set	3	221.00	663.00	0.00	0.00
3	11kV 45kN Polymeric insulator	Set	3	202.00	606.00	0.00	0.00
4	Guy Set Complete for Transformer	No	2	1209.00	2418.00	448.00	896.00
5	25kVA, 3 Phase Dist.Tra.BEE - 4 Star Rated	No	1	87950.00	87950.00	863.00	863.00
6	Earthing materials pipe type for grounding	No	3	1733.00	5199.00	725.00	2175.00
7	Caution/Danger Board as per Drawing	No	1	146.00	146.00	61.00	61.00
8	Anti Climbing Device	Kg	2	93.00	186.00	32.00	64.00
9	Concreting for Guy set without cement	No	2	0.00	0.00	200.00	400.00
10	GI Wire 8 SWG	Kg	5	77.850	389.25	0.00	0.00
11	Guy wire 7/10 SWG	Kg	10	80.119	801.19	0.00	0.00
12	11kV Lightning Arester, Metal oxide,9kV, 5kA	Set	1	1736.00	1736.00	90.00	90.00
13	LT Protection Kit	No	1	1915.00	1915.00	260.00	260.00
14	LT Wiring Kit SINGLE CIRCUIT	No	1				
15	Al Lead Wire - 50 Sqmm	Mtr	25	79.46	1986.50		
16	Copper lugs - 50 Sqmm	No	6	60.00	360.00		
17	PG Clamps - Rabbit to 50 Sqmm	No	4	116.00	464.00	719.00	719.00
18	Spacers for DTC Wiring	No	5	41.00	205.00		
19	Fish Plate with necessary clamps,bolt & nut	No	2	229.00	458.00		
20	11kV Solid Core Type HG Fuse Unit	Set	1	1032.00	1032.00	178.00	178.00
21	11kV, 200Amps, Single Break GOS	No	1	9125.00	9125.00	805.00	805.00
22	H-Frame for mounting GOS	No	1	4134.00	4134.00	242.00	242.00
23	Alkhathin tube	Coil	1	504.00	504.00	0.00	0.00
SUB TOTAL : B : Rs.					152811.00	Rs.	11958.00

CHAMUNDESHWARI ELECTRICITY SUPPLY CORPORATION LIMITED

Estimate No : DL :

Date : 20.06.2022

Estimate for arranging power supply to 7.5HP Ganga Kalyana IP set of Sri Rangegowda S/O Huchegowda (D.Devaraja Arasu Backward Class Development Corporation Ltd,Hassan) at Ullavally village in Didaga Section,Nuggehally Sub-Division.

PART: C : EXTENSION OF LT LINE.

1	RCC Pole 8.00 mtr long 115 kg WL	No	1	5306.00	5306.00	1072.00	1072.00
2	PSC Pole 8.00 mtr long 200 kg WL	No	0	3578.00	0.00	1072.00	0.00
3	4 Pin X arm with Pole clamp,bolt & nut	Set	2	439.00	878.00	122.00	244.00
4	1.1kV Pin insulator with GI Pin	No	0	65.00	0.00	0.00	0.00
5	No.8 kV Strain insulator	No	8	25.00	200.00	0.00	0.00
6	Guy set complete for LT Line	Set	1	1179.00	1179.00	448.00	448.00
7	Rabbit ACSR Conductor with sag	Km	0.203	61515.00	12487.55	3299.00	669.70
8	Guy Concreting without cement	Set	1	0.00	0.00	200.00	200.00
SUB TOTAL : C : Rs.				20050.55	Rs.	2633.70	

PART : D : LOADING & UN LOADING.

1	Loading and Unloading of 9 mtr pole	No	13	0.00	0.00	106.00	1378.00
2	Loading and Unloading of 8 mtr pole	No	1	0.00	0.00	79.00	79.00
3	Transportation of Pole by headload	No	14	0.00	0.00	215.00	3010.00
4	Loading of 25 kVA Transformer to Vehicle	No	1	0.00	0.00	205.00	205.00
5	Unloading of Transformer at workspot	No	1	0.00	0.00	205.00	205.00
SUB TOTAL : D : Rs.				0.00	Rs.	4877.00	
1	Total Material Charges Sub Total (A+B+C+D)			354737.00			
2	Total Labour Charges Sub Total (A+B+C+D)			44234.00			
3	CGST & SGST @ 18 % on Total labour charges			7962.12			
4	Contribution towards PF @13.00% & ESI @ 4.75% on labour charges			7851.54			
5	Transportation charges @ 2% on material cost			7094.74			
6	Contingencies @ 2 % on Material & labour			7979.42			
7	Employees cost @ 20 % on LC			8846.80			
8	EI Charges (Rs.3100 Per DTC)			3100.00			
TOTAL Rs.				441806.00			


REPORT : This estimate for **Rs.4,41,806/-** has been prepared for arranging power supply to 7.5HP Ganga Kalyana IP set of Sri Rangegowda S/O Huchegowda (D.Devaraja Arasu Backward Class Development Corporation Ltd,Hassan) at Ullavally village in Didaga Section,Nuggehally Sub-Division.


This estimate is prepared for providing new **25 kVA** Transformer near the proposed Ganga Kalyana IP Set. The propose **25 kVA** Transformer can take up the proposed load of **7.5 HP** safely.

The works involves is as follows.

- 1 Extension of 11 kV line with Rabbit conductor to a distance of **550** metre.
- 2 Providing **1*25** kVA Transformer near the Ganga Kalyana IP Set installation.
- 3 Extension of LT line with Rabbit conductor to a distance of **50** metre.
- 4 The HTVR calculation chart and station feasibility reports are enclosed in this estimate.

CERTIFICATE : Certified that I have personally inspected the spot on and prepared this estimate in a most economical and safe way of executing the work by using current SR.


 Asst.Executive Engineer (Ele),
 O&M Sub-Division, CESC,
 NUGGEHALLY.


 Junior Engineer (Ele),
 Didaga Section, CESC.
 DIDAGA.

Estimate for APS to 7.5 HP Ganga kalyana IP sets of Sri Rangegowda S/o Huchegowda (D.Devaraja Arasu Backward class Development Corporation Ltd., Hassan) at Ullavally village in Didaga Section, Nuggehally Subdivision.

ಜಾವಿಸಿನಿನಿ, ಚನ್ನರಾಯಪಟ್ಟಣ

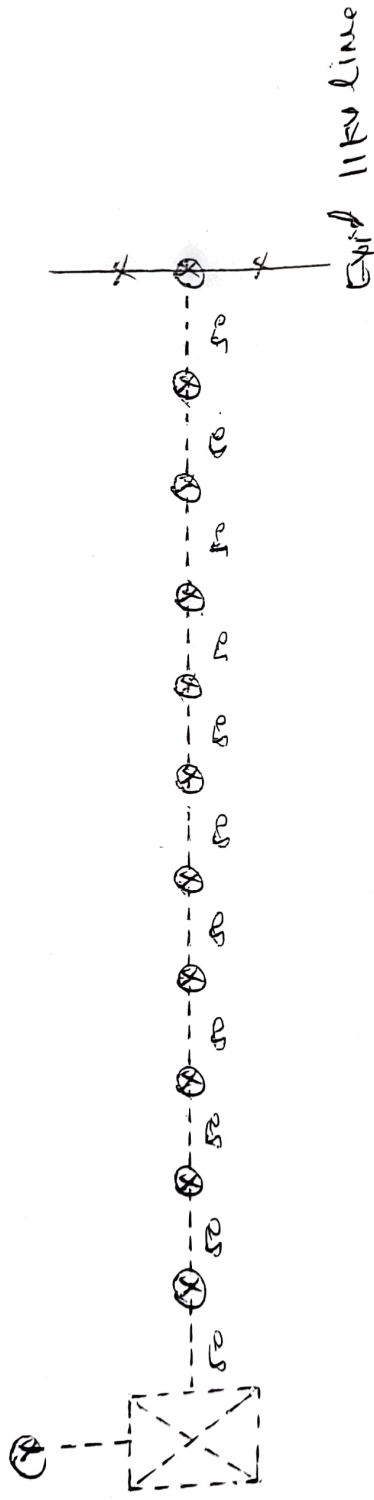
ಅಂದಾಜು ಪಟ್ಟಿ ಸಂಖ್ಯೆ:	DL-83	ದಿನಾಂಕ:	20.06.22
ಲೆಕ್ಕ ಶೀರ್ಷಿಕೆ:	14-4307		
ಕಾರ್ಯದೇಶ ಸಂಖ್ಯೆ:	<u>M-4303</u>	ದಿನಾಂಕ:	<u>26.07.22</u>
ಕಾರ್ಯದೇಶ ಮೊತ್ತ:	441806.00		
ಅಕ್ಷರಗಳಲ್ಲಿ:	Four Lakh Forty One Thousand Eight Hundred and Six only		


ಸ.ಕಾ.ನ.ಇಂ(ಕ)

ಲೆ.ಅ

ಕಾ.ನಿ.ಇಂ(ಬಿ)

EST for arranging power supply to F.S HP Nagaralyara IP Sed g-sos Ranganagoda
 Huchagoda at Ullavelli village in Disaga section



Handwritten signature and name: Srinivas