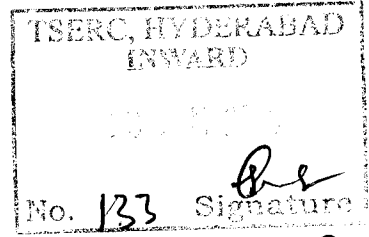


గ్రామీణ శాసన సమితి సెకరటరీ తెలంగాణ రాష్ట్ర
చిట్టూరు నరసరావుపేట మండల గ్రామీణ విభాగం
వారానాది పనులు.



గ్రామీణ!

ఆమె రాసిన గ్రామీణ కమిషన్ గారితో

విన్నవించుకుంటున్నాను.

కోర్కె!

నేను అనగా మాది. పెంటారెడ్డి కంట్రాక్టర్ కి గ్రామీణ
(కామరాట్) GP అప్లైమెంట్ మండలం ఎయిస్ నాబాద్ జిల్లా రంగారెడ్డి
గారితో నా యొక్క ట్రాన్స్ ఫార్మర్ వలస బిల్డ్ అగ్డ్ కారణంగా
సంబంధిత అవకాశాలను సంప్రదించగా వారు (A&L) {100KV DTR} {25KV DTR}
Estimate copy మాకు ఇచ్చారు అయితే ADE గారు DE గారు
దగ్గరకు వెళ్ళమని మాతో చెప్పి పంపినారు. అయితే మేము
DE గారి దగ్గరకు వెళ్ళగా మా దగ్గర ఉన్న Estimate copy
ను ఆసూయించి మా పై కింపంగా మాట్లాడి మరి వెళ్ళండి వేస
మొనుకుంటానని మంతుల్ని పంపించినారు. అయితే మంతుల్ని
రెండు ADE గారు మేము సంప్రదించగా ADE గారు అంగీకరింప
మేము వాటి మాకు ఇచ్చారు అట్లాంటి కారణం వలన
పంపినారు అనే ADE గారు నా పని అయిపోయింది వలన
విషయం చెప్పి అనే అంటున్నాను, ఈ రెండు పనుల్ని
పై అనే చెప్పి అసూయించి మాకు స్వయం చేతులు
మా యొక్క పనులు
(Not వాటి సంబంధించి Estimate copy మాకు)
జాబ్ పంపించి రిజిస్టర్

Copy to the CAMRAC TSPDC (M) Moinsal R-2 Dist

M. వెంకటేశ్
9390084314
(గౌ. కామరాట్)
GP Amudapur
Hyderabad
R-2 Dist

SOUTHERN POWER DISTRIBUTION COMPANY OF TELANGANA STATE LIMITED

From:
Asst. Divisional Engineer,
Operation, T.S.S.P.D.C.L.,
Ibrahimbagh.

To:
The Divisional Engineer,
Operation, T.S.S.P.D.C.L.,
Ibrahimbagh.

Lr. No. ADE/OP/Ibrahimbagh/F. No. /D. No. 1539, Dt: 24/10/2017.

Sir,

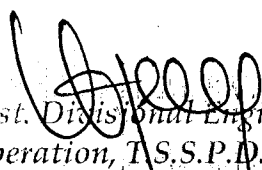
Sub. Electricity - Operation Sub-Division Ibrahimbagh - Submission of 1Nos. estimate
- Requested - Reg.

>>>>><<<<<<

I am herewith submitting 1 Nos. estimate for erection of additional 25 KVA DTR at
Amdapur Village of Operation Section Moinabad of Operation Sub-Division Ibrahimbagh and
the same was entered in SAP vide W B S Element No: T-1703-65-01-11-03-034.

This is submitted for favor of information and taking further necessary action please.

Yours faithfully


Asst. Divisional Engineer,
Operation, T.S.S.P.D.C.L.,
Ibrahimbagh.



SOUTHERN POWER DISTRIBUTION COMPANY OF TS LIMITED

Erec of 25KVA DTR at Amdapur Village

Erection of additional 1 No. 25 KVA DTR at Amdapur Village of Operation Section Moinabad of Operation Sub-Division Ibrahimbagh under Improvement Works.

Report to accompany the estimate

General

Erection of additional 1 No. 25 KVA DTR at Amdapur Village of Operation Section Moinabad of Operation Sub-Division Ibrahimbagh under Improvement Works.

The existing 100KV DTR at Amdapur village is feeding to 150Nos. 1KW Domestic loads on the DTR which is fully overloaded.

The long tester readings and tail end voltages during peak load hours are as follows:

Date	Time	R in	B in	Y in	R-Y	Y-B	B-Y
		Amps	Amps	Amps	Volts	Volts	Volts
18-09-17	18:00	115	115	125	125	135	125
19-09-17	19:00	120	110	115	125	135	120
20-09-17	20:00	105	120	110	125	120	120

The number of interruptions in supply due to over load and frequent blowing of HT & LT fuses. On order to maintain satisfactory supply and to safeguard the equipment erection of now proposed additional transformer is very much essential

Point of supply

The proposed transformer will be connected to 11 KV Bakaram feeder emanating from 33/11KV Amdapur Sub-Station

Main features:

- To effect with 55Sqmm AAA Conductor with an average span of 50 Mts over now proposed 9 Nos. 9.1 Mts PSCC poles for a distance of 1350 Mts
- Erection of additional 3-Phi 25 KVA DTR on plinth along with necessary Switch gear.
- To effect 2N: 8Mt PSCC pole with 55Sqmm AAA Conductor with an average span of 50 Mts making a total of 2200 Mts.

Power Transformer Capacity:

The existing PTR capacity at 33/11 KV Amdapur Sub-Station is having the following load particulars:

Existing Load	-	6225 KVA
Sanctioned load	-	
Already proposed loads	-	
Now proposed loads	-	25 KVA
Total	-	6250 KVA


Hence the capacity of the existing power transformer is quite adequate to cater the proposed load along with the already sanctioned and proposed loads.

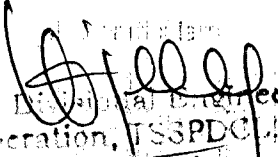
Capital cost and revenue returns:

The total cost of the estimate is Rs _____

HT/ LT Regulation

The tail end HT/ LT regulation of the feeder has been found to be with in the permissible limits.


 Adul Engineer
 OP, TS SPDCCL
 Moinabad



 Asst. Divisional Engineer
 Operation, TS SPDCCL
 Ibrahimbagh

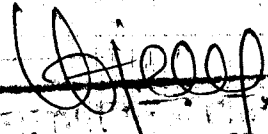


SOUTHERN POWER DISTRIBUTION COMPANY OF TS LIMITED

Division : SE/OP/GHYD EAST	Section : AE OP MOINABAD
Project Type : T&D Improvements to original works	Cost Center : 165111301
Estimate No. : T-1703-65-01-11-03-034	Estimate Description : Erec of 25KVA DTR at Amdapur Village
Network No. : 510000164190	Estimate Created Date : 21.10.2017
Reservation No. : 8001354337	Plant : 1060
User Status : FAPR NBGD	System Status : CRTD AVAC
Estimate Approved date :	Estimate Sanctioned By :

Estimate Cost (Gross) :	320973.7
Less Credits :	0.0
Estimate Cost (Net) :	320973.7
SL.No. Proposals involves	Total in Rs.
10 - DATA-I	320973.7


Addl. Asst. Engineer
OP/TS SPDCL
Moinabad


Addl. Asst. Engineer
Operation
Moinabad



SOUTHERN POWER DISTRIBUTION COMPANY OF TS LIMITED

Activity No : 10


Activity Description : DATA-I

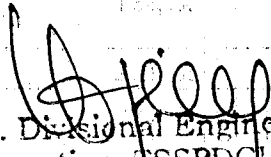
S.No	Materials Code	Materials Text	Item Category	Quantity	Unit	Rate in Rs.	Amount in Rs.
1	PLS00004	PSCC Poles 9.1 Mts 280Kgs	Stock item	9	EA	3,478.25	31,304.25
2	HWR00002	11KV Metal parts(C&T)	Stock item	24	SET	77.00	1,848.00
3	FBR00016	LT/11KV M.S. Back Clamps	Stock item	11	SET	128.00	1,408.00
4	CDR00003	AAA conductor 55 Sq. mm	Stock item	1,350,000	M	23.37	31,549.50
5	ABS10002	11KV 200A TT AB SWITCH WITH INSULATORS	Stock item	1	EA	7,610.00	7,610.00
6	HGF10002	11KV HG Fuse Sets with Insulators	Stock item	1	EA	1,842.75	1,842.75
7	EMT00017	GI Earth Flat 25 mm x 3 mm	Stock item	20,000	KG	30.00	600.00
8	WRS00006	GI Wire 4 mm (No 8)	Stock item	12,500	KG	57.37	717.13
9	BXS00047	LT Distribution Boxes (SMC)	Stock item	1	EA	6,590.00	6,590.00
10	INS10003	11KV Polymer Insulators (C&T)	Stock item	6	EA	145.00	870.00
11	FBR10006	11KV Horizontal Cross Arms	Stock item	10	EA	485.51	4,855.10
12	EMT00007	CI Earth pipe 50MM Dia 2 Mts long	Stock item	3	EA	1,173.00	3,519.00
13	DTR00126	3-PH 25kVA DTR with BIS EE Level-2	Stock item	1	EA	55,704.09	55,704.09
14	INS10009	11KV Polymer Pin Insulators with GI pins	Stock item	3	EA	184.58	553.74
15	PLS00001	PSCC Poles 8 Mts 140Kgs	Stock item	2	EA	1,585.19	3,170.38
16	FBR00008	LT 3 Ph. 4 Wire Cross Arms	Stock item	11	EA	348.00	3,828.00
17	HWR00015	LT GI Pins	Stock item	27	EA	31.21	842.67
18	INS00001	LT Pin Insulators	Stock item	27	EA	18.75	506.25
19	HWR00016	LT Metal parts	Stock item	12	SET	32.80	393.60
20	INS00001	LT Shackles	Stock item	12	EA	16.00	192.00
21	CDR00003	AAA conductor 55 Sq. mm	Stock item	2,200,000	M	23.37	51,414.00
Material Cost							209,310.44
S.No	Services Code	Services Text	Item Category	Quantity	Unit	Rate in Rs.	Amount in Rs.
1	SWR10340	ERECTION OF LINES-Erection of 9.1M Pole	-	9	EA	1,544.00	13,896.00
2	SWR10100	EXCAVATION OF PIT (2.6" x 2.6" x 5.0)	-	9	EA	331.00	2,979.00
3	SWR10365	Stringing of 55sqmm 33/11kv Line 3 Cond	-	0.450	KM	6,180.00	2,781.00
4	SWR20096	ERECTION OF Three Phase DTRs	-	1	EA	1,820.00	1,820.00
5	SWR20102	Erection of 11kv TT type AB switch	-	1	EA	1,311.00	1,311.00
6	SWR10391	Erect of 11kv HG Fuseset incl earthing	-	1	SET	600.00	600.00
7	SWR21844	Column type DTR Plinth topslab 5'x5'x6"	-	1	EA	24,429.00	24,429.00
8	SWR10357	ERECT OF LINES-Providing of earthing	-	3	EA	1,000.00	3,000.00
9	SWR20304	Fencing around the transformer	-	1	LS	5,775.00	5,775.00



SOUTHERN POWER DISTRIBUTION COMPANY OF TS LIMITED

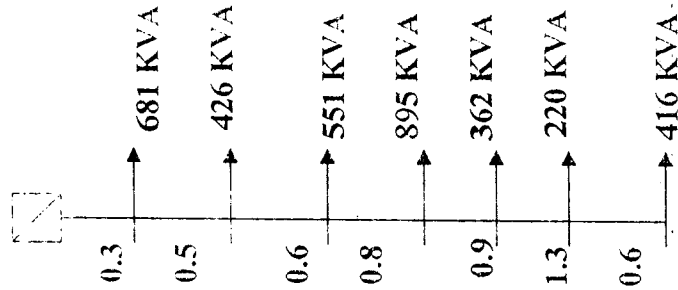
10	SWR20117	Erection of LT Distribution box w/o box	-	1	EA	1,653.00	1,653.00
11	SWR10003	Labour and Transport Charges	-	1	LS	2,000.00	2,000.00
12	SWR10342	ERECTION OF LINES-Erection of 8M Pole	-	2	EA	851.00	1,702.00
13	SWR10105	EXCAVATION OF PIT (2.6" x 2.6" x 5.0')	-	2	EA	331.00	662.00
14	SWR10368	Stringing of LT 3ph line 4 condu(34sqmm)	-	0.550	KM	6,910.00	3,800.50
Service Cost							66,408.50
18% GST on Labour & Transport :							11,953.50
3 % S & H Charges :							6081.80
3 % Contingencies on materials:							6279.50
10 % Estt. & General Charges :							20931.90
Total :							320973.70


Addl. Asst. Engineer
OP, TS SPDCL
Moinabad


Asst. Divisional Engineer
Operation, TSSPDCL,
Ibrahimbagh.

HT REGULATION OF 11 KV BAKARAM FEEDER EMANATING FROM 33/11 KV AVIDANUR SUB STATION.

Movements Taking:



Regulation:

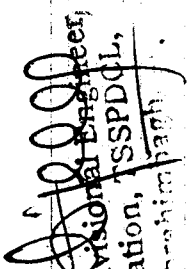
0.3X681 = 204.3 KVAKM
 0.8X426 = 340.8 KVAKM
 1.4X551 = 771.4 KVAKM
 2.2X895 = 1969.0 KVAKM
 3.1X362 = 1122.2 KVAKM
 4.4X220 = 968.0 KVAKM
 5X416 = 2080.0 KVAKM

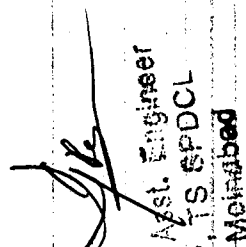
 7435.7 KVAKM

% Regulation = $\frac{7435.7 \times 0.8}{1.5 \times 900}$

= 4.40 %

Hence HT Regulation is with in the permissible limit

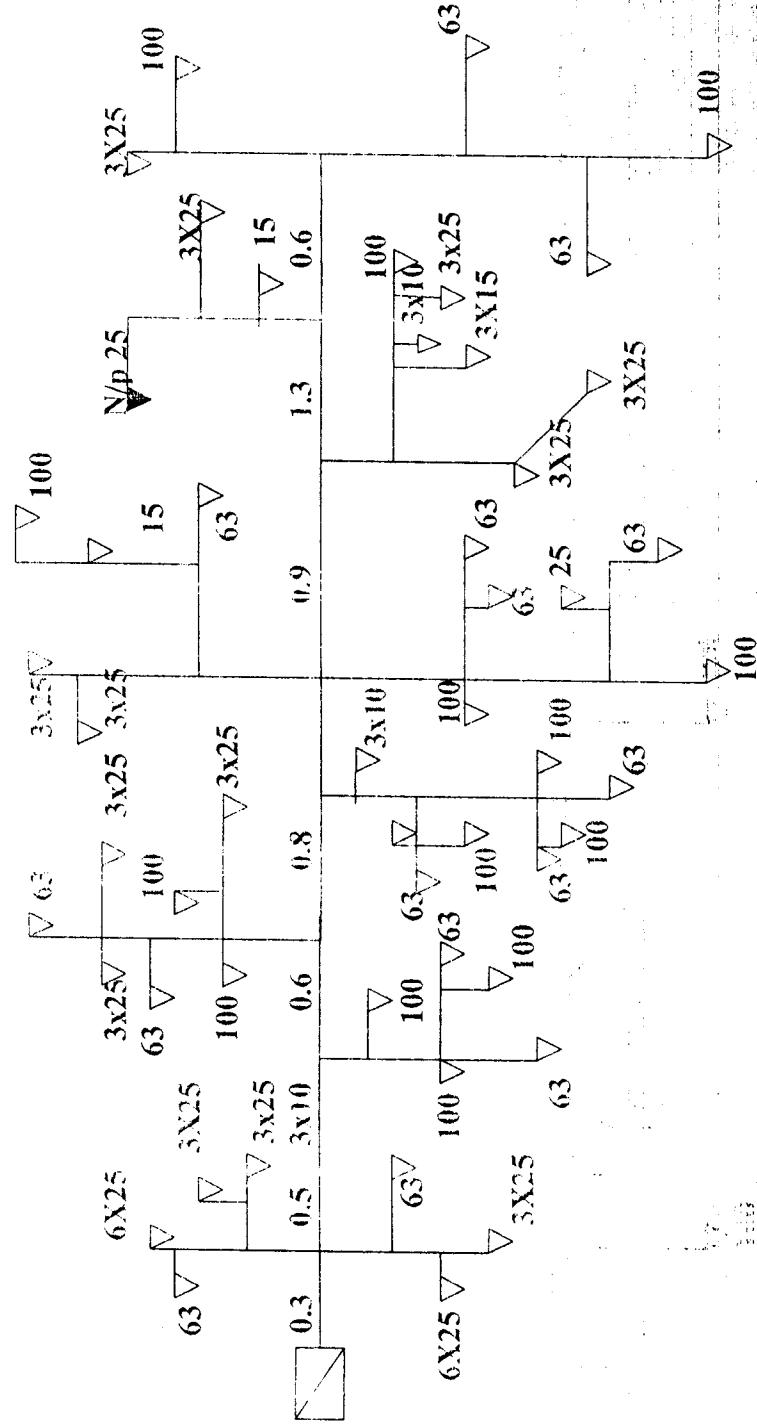

 Asst. Divisional Engineer,
 Operation, SSPDCL,
 Mahalingapuram.


 Asst. Engineer
 OP, T.S. SPDCL
 Mahalingapuram

HT LAYOUT OF 11 KV BAKARAM FEEDER, EMANATING FROM 33/11 KV AMDAPUR SUB-STATION.

REFERENCE

- 33/11 KV POLICE ACADEMY SS
- EXISTING DTR'S
- N/p 25 KVA DTR
- EXISTING 11 KV LINE
- N/P 11 KV LINE



[Handwritten Signature]

Addl. Asst. Engineer
 OP, ITS SPDCL
 Moirabed