

# SOUTHERN POWER DISTRIBUTION COMPANY OF T.S LIMITED



From,  
THE DIVISIONAL ENGINEER  
OPERATION  
VIKARABAD DIVISION  
TSSPDCL  
VIKARABAD

To,  
MODI FARM HOUSE  
SY.NO.44  
YENKEPALLY  
CHEVELLA

LR NO DEE/OP/VKB/COMML/F.NO. / D.NO 1173 / 14. DT. 27/8/15

Sub:- Sub: - Eley - Operation Division Vikarabad- E/s to 1No. 5KW Commercial load to  
M/s. Modi Farm House, at Sy.No.44, Yenkepally(vg) of Chevella Section of Chevella Sub-  
Division - TURNKEY PERMISSION - Reg.

Ref No: MEMO NO. DEE / OP / VKB / COMML. / F.NO. / D.NO. / DATED.  
Estimate Number: E-2015-06-03-33-01-012

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The permission accorded is subjected to the following conditions:

1. The work should be executed by a Licensed Contractor as per the standards of TSSPDCL under supervision THE ASSISTANT DIVISIONAL ENGINEER OPERATION CHEVELLA SUB-DIVISION
2. The material used in the work should confirm to TSSPDCL specifications.
3. If unforeseen calamities/ accidents occur during the execution of work, the TSSPDCL authorities are not held responsible for such incidents and consequential losses or damages. It is the responsibility of the consumer for any loss of material utilised in completing the work till all the services contemplated in the proposal are released.
4. Major materials like AB Switches, HG Fuse sets, Conductor, Structure steel and other materials should be purchased as per TSSPDCL specifications along with test certificate from TSSPDCL vendor. The bills/voucher of materials purchased along with test certificate should be produced to concerned CSC/ICSC before execution of work.
5. The work will be executed as per the sketch enclosed. The work executed by consumer shall be taken over by the TSSPDCL after statutory TSSPDCL after statutory inspection of TSSPDCL officials. The installation shall be deemed to the property of TSSPDCL after such takeover.
6. The consumer should provide sealing arrangement for control panel and meeting equipment.
7. The consumer shall clear off the dues of UDC/Bill stopped services if any existing in the premises or found at a later date and no court cases pending. If any legal disputes arise electricity supply will be disconnected to the premises.
8. There should not be any 11 KV /LT lines passing through from other source of supply in the proposed premises.
9. Distribution Transformer will be provided by the TSSPDCL by collecting the cost of DTR/Development charges whichever is higher.
10. Obtaining CEIG/CEA approval for electrical installing. Obtaining NOC as per requirement of A.P Fire Services act 1999, Multi-storied building regulations.
11. No service connection shall be released for Multi-storied buildings / Complexes greater than 10Mtrs in height unless occupancy certificate from concerned authorities.

12. You are requested to pay the following charges through a single DD in the Customer Service center / Integrated Customer Service center	
A. Incidental charges i.e.	Rs. 17,282.00
B. Development charges / cost of the DTR	Rs. 65,524.00
C. Security deposit charges	Rs. 4,000.00
D. Cost of Materials	Rs. 2,073.00
E. 6% of DTR cost	Rs. 3,931.00
F. Application Fee	Rs. 0.00
<b>Total Amount</b>	<b>Rs. 92,810.00</b>

13. You are requested to pay an Amount Rs. 92,810.00 in shape of Demand Draft in favour of  
DIVISIONAL ENGINEER/OPERATION/TSSPDCL Payable at VIKARABAD  
and handed over to In charge of C.S.Center/Integrated C.S.Center.

14. D.D must be received to concerned CSC within 60 days from D.D issue date.

15. Payments must be received before 20-11-2015 , If not received existing registration will be cancelled.

16. Work must be completed before 18-02-2016 , If not completed you have to forfeit the already paid amount.

*AE/OP/KV*





# SOUTHERN POWER DISTRIBUTION COMPANY OF T.S LIMITED

Office of  
THE DIVISIONAL ENGINEER  
OPERATION  
VIKARABAD DIVISION  
TSSPDCL  
VIKARABAD

MEMO NO. DEE / OP / VKB / COMML. / F.NO. / D.NO. 1172 / DATED. 27/8/2015

Sub:- Sub: - Etecy - Operation Division Vikarabad- E/s to 1No. 5KW Commercial load to  
M/s. Modi Farm House, at Sy.No.44, Yenkepally(vg) of Chevella Section of Chevella Sub-  
Division - Estimate Sanction - Reg.  
Ref: - Lr.No. ADE / OP / CVL/F.No. / D. No 1441, Date:17-08-2015

Ref : Estimate Number: E-2015-06-03-33-01-012

The above estimate is administratively approved and technically sanctioned and registered as  
SDR NO: /15-16

**The sanction accords is subject to the following conditions:**

1. TSSPDCL after careful examination of the above proposal hereby accords approval for the scheme at a cost of 1,78,433.57
2. In exercise of the powers conferred under section 42.1 of the Electricity Act,2003 Central Act. No.36 of 2003 it system in his area of supply and to supply electricity in accordance with the provisions contained in this act.
3. The sanction accorded in para-1 above is subject to instructions issued already on release of service and tariff as may be in force from time to time.
4. The expenditure is chargeable to TSSPDCL-Capital Receipts and Expenditure- B, Expenditure-2 Transmission Lines (Including Sub-Stations) 3 Distribution System (Including Sub-Stations) capital works in progress Transmission plant (Extra High Voltage A/C. No.0204) Distribution System (High Voltage A/C. No.0204) Distribution System Medium Voltage (A/C. No.0206) Street Lighting.
5. The work will be executed by THE ASSISTANT DIVISIONAL ENGINEER OPERATION CHEVELLA SUB-DIVISION and all necessary approvals and payments must be ensured before release of supply.
6. Consumer has to pay the following charges through a single DD in the Customer Service Center / Integrated Customer Service Center.

A. Serviceline charges	Rs. 1,10,969.00
B. Development charges	Rs. 65,524.00
C. Initial Consumption Deposit	Rs. 4,000.00
D. Application Fee	Rs. Project cost0.00

**Total Amount Rs. 1,80,493.00**





## SOUTHERN POWER DISTRIBUTION COMPANY OF TS LIMITED

Estimate for Extension of 1No.5 KW Commercial load to M/s.Modi Farm House at Sy.No.44 at Yenkepally(V), Chevella(M) of Chevella Section of Chevella Sub-Division under Capital Works.

REPORT TO ACCOMPANY TO THE ESTIMATE

GENERAL:- The proposal is for Extension of 1No.5 KW Commercial load to M/s.Modi Farm House at Sy.No.44 at Yenkepally(V), Chevella(M) of Chevella Section of Chevella Sub-Division under Capital Works.

POINT OF SUPPLY:- The 11 KV supply is tapped from the existing 11KV Veerannapet feeder(24Hrs.) emanating from 33/11KV Prgathi Sub-Station. Station as shown in the Sketch.

MAIN FUTURE OF THE SCHEME:-The proposals involves the following

- 1.Erection of 0.060 KM 11KV line with 55 sqmm AAA conductor over 1No.9.1 Mtrs PSCC poles at span of 60Mtrs at span of 60Mtrs
- 2.Erection of 1No. 3- Ø 25 KVA DTRs
- 3.Releasing 1 No 5 KW Commercial
- 4.Erection of LT 3-ph meter.

POWER TRANSFORMER CAPACITY: The power transformer capacity at 33/11KV Pragathi SS Chevella at 2X5 MVA. The Power Transformer capacity is quite adequate to cater the proposed as well as existing loads.

HT REGULATION:-The tail end HT regulation has calculated and to be with In Permissible limits.

COST OF THE ESTIMATE:- The total cost of the estimate Rs.

CERTIFICATES:- Certified that

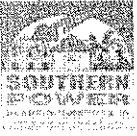
1. There is no any UDC/OSL services,
2. There is no Court case pending,
3. There is no HT/LT line passing over the consumer premises.

Division : DE/OP/VIKARABAD	Section : AE CHEVELLA
Project Type : SC-Extension of Supply (LT)	Cost Center : 106333101
Estimate No. : E-2015-06-03-33-01-012	Estimate Description : Estimate for Extension of 1No.5 KW Comme
Network No. : 520000153502	Estimate Created Date : 04.07.2015
Reservation No. : 8000987064	Plant : 1060
User Status : ADE NBGD	System Status : CRTD AVAC
Estimate Approved date :	Estimate Sanctioned By :

Work to be executed by : CONSUMER

CSC Ren no.	Appl. Name	HT/ LT	Cat. 1	Sub. Cat.1	C.L1	Cat. 2	Sub_ cat.2	C.L2	Bi-Mon.	Doc. Rec.	Ser. Con.	Exst. Load
NR151151481404	MODI FARM HOUSE	LT	02	000	5.00	00	00	0.00		X		0.00

SL.No.	Proposals involves	Total in Rs.
1	10 - Data	178433.5688
	<b>Estimate Cost (Gross) :</b>	178433.57
	<b>Less Credits :</b>	0.00
	<b>Estimate Cost (Net) :</b>	178433.57
	<b>10% Incidental Charges to be collected :</b>	17282.252



# SOUTHERN POWER DISTRIBUTION COMPANY OF TS LIMITED

Activity No : 10

Activity Description : Data

S.No	Materials Code	Materials Text	Item Catagory	Quantity	Unit	Rate in Rs.	Amount in Rs.
1	PLS00004	PSCC Poles 9.1 Mts 280Kgs	Stock item	2	EA	3,254.90	6,509.80
2	FBR10003	11KV "V"Cross Arms	Stock item	1	EA	544.00	544.00
3	FBR10006	11KV Horizontal Cross Arms	Stock item	2	EA	485.51	971.02
4	INS10001	11KV Pin Insulators	Stock item	3	EA	39.40	118.20
5	HWR00001	11KV GI Pins	Stock item	3	EA	63.49	190.47
6	INS10002	11KV Disc Insulators(C&T)	Stock item	6	EA	192.00	1,152.00
7	HWR00002	11KV Metal parts(C&T)	Stock item	6	SET	77.00	462.00
8	FBR00016	LT/11KV M.S. Back Clamps	Stock item	3	SET	128.00	384.00
9	FBR00015	LT/11KV Top Cleat with Clamps	Stock item	1	SET	337.00	337.00
10	FBR00012	LT/11kv MS Stay Sets with Base Plate	Stock item	1	SET	955.00	955.00
11	WRS00007	G.I.Stay Wire 7/2.5mm (12SWG)	Stock item	12,000	KG	64.00	768.00
12	FBR00017	LT/11KV M.S. Stay Clamps	Stock item	2	SET	81.50	163.00
13	INS10005	11KV Guy Insulators (HT)	Stock item	1	EA	32.75	32.75
14	DTC30011	3-PH 25KVA DTR CRGO CSP Copper	Stock item	1	EA	65,524.04	65,524.04
15	ABS10002	11KV 200A TT AB SWITCH WITH INSULATORS	Stock item	1	EA	7,610.00	7,610.00
16	HGF10002	11KV HG Fuse Sets with Insulators	Stock item	1	EA	2,420.00	2,420.00
17	EMT00008	CI Earth Pipe 80 mm Dia 2 Mts Long	Stock item	2	EA	2,200.00	4,400.00
18	EMT00017	GI Earth Flat 25 mm x 3 mm	Stock item	20,000	KG	30.00	600.00
19	WRS00005	G.I. Wire 4mm ( No.8)	Stock item	10,000	KG	57.30	573.00
20	CDR00003	AAA conductor 55 Sq. mm	Stock item	360,000	M	26.91	9,687.60
21	MTE30001	3Ph 10-40A Electronic meter with PP box	Stock item	1	EA	1,941.00	1,941.00
22	BXS00038	DISTRIBUTION BOX A TYPE	Stock item	1	EA	3,621.00	3,621.00
23	CBX00012	LT XLPE Cable 3 1/2 Core 70 Sq. mm	Stock item	30,000	M	178.27	5,348.10
24	BNT00021	MS BOLTS & NUTS 3/8 x 1"	Stock item	10,000	KG	26.60	266.00
<b>Material Cost</b>							<b>114,577.98</b>
S.No	Services Code	Services Text	Item Catagory	Quantity	Unit	Rate in Rs.	Amount in Rs.
1	SWR20972	Excavation 9.1M pole pit 0.9X 0.9X1.65M	-	2	EA	315.00	630.00
2	SWR20092	Erection of 9.1Mt PSCC Pole	-	2	EA	1,396.00	2,792.00
3	SWR20973	Excavation Stay pit 0.75X 0.75X1.35M	-	1	EA	230.00	230.00
4	SWR20107	Erection of LT /11kv Stay set	-	1	EA	411.00	411.00
5	SWR21027	Mass concreting of 9.1mt PSCC Poles	-	0.540	M3	4,914.00	2,653.56
6	SWR20819	Mass concreting of stay locations	-	0.260	EA	4,914.00	1,277.64
7	SWR20905	E/r 3ph DTR inclu L&Un-L,T&C	-	1	EA	1,650.00	1,650.00



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		on plinth					
8	SWR20102	Erection of 11kv TT type AB switch	-	1	EA	1,311.00	1,311.00
9	SWR20101	Erection of 11kv HG Fuse Set	-	1	EA	600.00	600.00
10	SWR21133	Const DTR plinth 4'x3'x7' 25 KVA	-	1	EA	10,885.00	10,885.00
11	SWR20116	Earthing of DTR neutral and structure	-	2.000	M	1,246.00	2,492.00
12	SWR10702	Stringing of 55sqmm 33/11kv Line 3 Cond	-	0.120	KM	5,881.00	705.72
13	SWR20604	Fixing of 3Ph meters in the box	-	1	EA	67.00	67.00
14	SWR20117	Erection of LT Distribution box w/o box	-	1	EA	1,574.00	1,574.00
15	SWR21259	Laying LT 3½ core 120sqmm cable at DTR	-	30.000	M	110.00	3,300.00
16	SWR10003	Labour and Transport Charges	-	1	LS	2,000.00	2,000.00
17	SWR20304	Fencing around the transformer	-	1	LS	5,500.00	5,500.00
18	SWR20499	Other miscellaneous items not covered	-	1	LS	2,000.00	2,000.00
<b>Service Cost</b>							40,078.92
<b>14% Service Tax on Labour &amp; Transport :</b>							5,611.05
<b>3 % S &amp; H Charges :</b>							3270.48
<b>3 % Contingencies on materials:</b>							3437.34
<b>10 % Estt. &amp; General Charges :</b>							11457.80
<b>Total :</b>							<b>178433.57</b>

## Estimate Cost Calculation Sheet

WBS Element : E-2015-06-03-33-01-012      WBS Desc. : Estimate for Extension of 1No.5 KW Comme  
 Work Executed by : CONSUMER  
 Service Connection Estimate : NO  
 Estimate Plan Cost : 1,78,433.57

CSC Registration Number	Applicant Name	HT / LT	Cat.	Sub-cat. / Volt.	Con. load	Cat.	Con. load	BL Mont hly	All Doc. Receiv ed	No of Shifts	Exst. load	Exst. Cat	Exst. SD
NR151151481404	MODI FARM HOUSE	LT	02		5,000				X				0

### SD Calculation:

CSC Registration Number	Cat.	Cont. load	Tariff S.D	Tariff D.C	Cat.	Cont. load	Tariff S.D	Tariff D.C	No. of Times S.D	No of Shifts	S.D Charges	Development Charges
NR151151481404	02	5,000	0800	1200							4,000	6,000
Total	00	0									4,000	6,000

### DC Calculation:

New DTR/PTR Cost : 65,524.04  
 Final DTR/PTR Cost : 65,524.00  
 DC as per Load : 6,000.00  
 Final Dev. Charges : 65,524.00

### Materials to be issued by TSSPDCL:

Sl. No.	Material	Material Description
1	DTC30011	3-PH 25KVA DTR CRGO CSP Copper
2	MTE30001	3Ph 10-40A Electronic meter with PP box

### Materials issued from Stores as per the payments to be made by the Customer (including 6%):

Sl. No	Material	Material Description	Quantity	Unit Price	Total Price
1	HWR00001	11KV GI Pins	3	63.49	190.47
2	HWR00002	11KV Metal parts(C&T)	6	77.00	462.00
3	INS10001	11KV Pin Insulators	3	39.40	118.20
4	INS10002	11KV Disc Insulators(C&T)	6	192.00	1,152.00
5	INS10005	11KV Guy Insulators (HT)	1	32.75	32.75
	Total				1,955.42
	3% S&H Ch.	3% Storage & Handling Charges			58.66
	3% Contgs.	3% Contingencies			58.66
	G.Total				2,073.00

### Incidental Charges Calculation :

Gross Cost of the Estimate : 1,78,433.57  
 14% Service Tax on Services : 5,611.05  
 Total (Gross cost - 14% ST) : 1,72,822.52  
 Incidental Charges : 17,282.00

Incidental charges : 17,282.00  
 Development charges / Cost of the DTR : 65,524.00  
 Security deposit charges : 4,000.00  
 Cost of Materials : 2,073.00  
 6% of DTR/PTR : 3,931.00  
 Application Fee : 0.00  
**Total Amount : 92,810.00**