



# SOUTHERN POWER DISTRIBUTION COMPANY OF T.S LIMITED

Office of  
THE CHIEF GENERAL MANAGER  
COMMERCIAL  
CORPORATE OFFICE  
TSSPDCL  
HYDERABAD

SP.O.O(COMML)MS.NO.323/2015-16, DATE:01.04.2015

Sub:- Estimate for extension of supply to 56Nos 3-Ph each 5KW Domestic loads under LT Cat-I & 1No 3-Ph 20KW Domestic load under LT Cat-I over and above existing 1No 3-Ph 5KW Non-domestic load (2014-04859) to M/s. Paramount Estates, Sy.No.233, Nagaram(V) in Nagaram Section of Ghatkesar Sub-division of Ranga Reddy East Circle under Capital Works - Sanction - Reg

Ref : Estimate Number: E-2014-14-02-13-04-087

The above estimate is administratively approved and technically sanctioned and registered as 1408/2014-15,DATE:31.03.2014

**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 13,09,786.24
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 GHATKESAR 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. 6,34,788.00
B. Development charges	Rs. 5,67,400.00
C. Initial Consumption Deposit	Rs. 1,80,000.00
<b>Total Amount</b>	<b>Rs. 13,82,188.00</b>

SD/-  
DIRECTOR COMMERCIAL

*(Signature)*  
Divisional Engineer (Commercial)  
TSSPDCL, Corporate Office,  
Mint Compound, Hyderabad-500 063.



# SOUTHERN POWER DISTRIBUTION COMPANY OF T.S LIMITED

From,  
THE CHIEF GENERAL MANAGER  
COMMERCIAL  
CORPORATE OFFICE  
TSSPDCL  
HYDERABAD

To,  
PARAMOUNT ESTATES  
SY NO:233 (P)  
NAGARAM  
NAGARAM  
NAGARAM

LR.NO.CGM(COMML)/SE(C)/DE(C)/ADE-I/D.NO.2728/2015-16, DATE:04.04.2015

Sub:- Estimate for extension of supply to 56Nos 3-Ph each 5KW Domestic loads under LT Cat-I & 1No 3-Ph 20KW Domestic load under LT Cat-I over and above existing 1No 3-Ph 5KW Non-domestic load (2014-04859) to M/s. Paramount Estates, Sy.No.233, Nagaram(V) in Nagaram Section of Ghatkesar Sub-division of Ranga Reddy East Circle under Capital Works - Sanction - Turnkey approval - Reg

Ref No: SP.O.O(COMML)MS.NO.323/2015-16, DATE:01.04.2015  
Estimate Number: E-2014-14-02-13-04-087

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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 GHATKESAR 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. 1,29,398.00
B. Development charges / cost of the DTR	Rs. 5,67,400.00
C. Security deposit charges	Rs. 1,80,000.00
D. Cost of Materials	Rs. 0.00
E. 6% of DTR cost	Rs. 34,044.00
<b>Total Amount</b>	<b>Rs. 9,10,842.00</b>
13. You are requested to pay an Amount Rs. 9,10,842.00 in shape of Demand Draft in favour of TSSPDCL Payable at HYDERABAD 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 03-07-2015 , If not received existing registration will be cancelled.
16. Work must be completed before 01-10-2015 , If not completed you have to forfeit the already paid amount.

SD/-

DIRECTOR COMMERCIAL

*(Signature)*  
07/04/15  
Divisional Engineer (Commercial)  
TSSPDCL, Corporate Office,  
Mint Compound, Hyderabad-500 063.

## Estimate Cost Calculation Sheet

WBS Element : E-2014-14-02-13-04-087      WBS Desc.: M/s.Paramount Estates,56Nos5KW& 1No.20KW  
 Work Executed by : CONSUMER  
 Service Connection Estimate : NO  
 Estimate Plan Cost : 13,09,786.24

CSC Registration Number	Applicant Name	HT / LT	Cat.	Sub-cat. / Volt.	Con. load	Cat.	Con. load	BL Monthly	All Doc. Received	No of Shifts	Exst. load	Exst. Cat	Exst. SD
LTM156400006	PARAMOUNT ESTATES	LT	01		300,000	02							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
LTM156400006	01	300,000	0200	1200	02				3		180,000	360,000
<b>Total</b>	<b>00</b>	<b>0</b>									<b>180,000</b>	<b>360,000</b>

### DC Calculation:

New DTR/PTR Cost : 5,67,400.00  
 Final DTR/PTR Cost : 5,67,400.00  
 DC as per Load : 3,60,000.00  
**Final Dev. Charges : 5,67,400.00**

### Materials to be issued by TGSPDCL:

Sl. No.	Material	Material Description
1	DTC30009	3-PH 315KVA DTR CRGO CSP
2	MTE30022	LT Tri Meter 100/5A in P.P.Box 4CTs 0.5S
3	MTE30026	LT TVR Meters (4 CTs-0.5S)-DLMS protocol
4	MTE30028	3Ph10-40A W/O PP Box with trivectr featr
5	TLE10045	Sim Card
6	CAH00008	GSM MODEMS (3DB)

### Incidental Charges Calculation:

Gross Cost of the Estimate : 13,09,786.24  
 12.36% Service Tax on Services : 15,806.37  
 Total (Gross cost - 12.36% ST) : 12,93,979.87  
**Incidental Charges : 1,29,398.00**

Incidental charges : 1,29,398.00  
 Development charges / Cost of the DTR : 5,67,400.00  
 Security deposit charges : 1,80,000.00  
 6% of DTR/PTR : 34,044.00  
**Total Amount : 9,10,842.00**

*Comins*  
*outputs*  
**Divisional Engineer (Commercial)**  
 TSSPDCL, Corporate Office,  
 Mint Compound, Hyderabad-500 063.



## SOUTHERN POWER DISTRIBUTION COMPANY OF TS LIMITED

M/s.Paramount Estates,56Nos5KW& 1No.20KW Nagaram(V)

Estimate for extension of supply to 56Nos.3-Ph each 5KW domestic loads & 1No.3-Ph 20KW domestic loads over and above the existing 1No.3-Ph 5KW Non domestic load of Sc.No.2014-04859 making a total load of 305KW to M/s.Paramount Estates, at Sy.No.233,Nagaram(V) in Nagaram section of Ghatkesar sub-division of RR East circle-under capital works.

### REPORT TO ACCOMPANY THE ESTIMATE

General: Estimate for extension of supply to 56Nos.3-Ph each 5KW domestic loads & 1No.3-Ph 20KW domestic loads over and above the existing 1No.3-Ph 5KW Non domestic load of Sc.No.2014-04859 making a total load of 305KW to M/s.Paramount Estates, at Sy.No.233,Nagaram(V) in Nagaram section of Ghatkesar sub-division of RR East circle-under capital works.

Point of supply: Supply to be proposed loads will be extended as shown in the sketch.

Main Features: The proposal involves erection of the following.

- a) Erection of 1No.315 KVA DTR.
- b) Erection of 2No.RS Joist box poles.
- c) Laying of 11KV XLPE 95sqmm cable for a distance of 70mts.
- d) Laying of LT 31/2x185sqmm XLPE cable for a distance of 50mts.
- g) Effecting of 56Nos.3-Ph each 5KW domestic loads& 1No.3-Ph 20KW domestic loads over and above the existing 1No.3-Ph 5KW Non domestic load of Sc.No.2014-04859 making a total load of 305KW.

Power transformer capacity: The existing power transformer capacity at 33/11KV Nagaram SS is having 2x5MVA power transformer.

a) Existing loads	10606KVA
b) Already proposed loads	KVA
c) Already proposed loads	KVA
d) Now proposed loads	160KVA

Total 10706KVA

Demand on the sub-station with D.F of 1.5 will be 5353KVA. Hence the power transformer capacity is quite adequate to cater the now proposed loads together with the existing loads.

HT Regulation: The HT regulation of the feeder is calculated and found with in the permissible limits

Cost of the estimate: The total cost of the estimate is as per detailed enclosed.

List of materials: The list of materials are as per detailed estimate enclosed.

*Chinnivas  
04/04/15*



**SOUTHERN POWER DISTRIBUTION COMPANY OF TS LIMITED**

Division : SE/O/RR East	Section : AE NAGARAM
Project Type : SC-Extension of Supply (LT)	Cost Center : 114213401
Estimate No. : E-2014-14-02-13-04-087	Estimate Description : M/s.Paramount Estates,56Nos5KW& 1No.20KW
Network No. : 520000147290	Estimate Created Date : 21.02.2015
Reservation No. : 8000928620	Plant : 1060
User Status : CGMZ NBGD	System Status : CRTD AVAC NTUP
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
LTM156400006	PARAMOUNT ESTATES	LT	01	000	300.00	02	00	0.00				0.00

SL.No.	Proposals involves	Total in Rs.
1	10 - material	934172.304864
2	30 - material	375613.9436
	<b>Estimate Cost (Gross) :</b>	<b>1309786.24</b>
	<b>Less Credits :</b>	<b>0.00</b>
	<b>Estimate Cost (Net) :</b>	<b>1309786.24</b>
	<b>10% Incidental Charges to be collected :</b>	<b>129397.988</b>



# SOUTHERN POWER DISTRIBUTION COMPANY OF TS LIMITED

Activity No : 10

Activity Description : material

S.No	Materials Code	Materials Text	Item Category	Quantity	Unit	Rate in Rs.	Amount in Rs.
1	ABS10002	11KV 200A TT AB SWITCH WITH INSULATORS	Stock item	2	EA	7,614.00	15,228.00
2	HGF10002	11KV HG Fuse Sets with Insulators	Stock item	2	EA	2,420.00	4,840.00
3	BXS00047	LT Distribution Boxes (SMC)	Stock item	1	EA	5,730.91	5,730.91
4	EMT00008	CI Earth Pipe 80 mm Dia 2 Mts Long	Stock item	3	EA	2,200.00	6,600.00
5	EMT00017	GI Earth Flat 25 mm x 3 mm	Stock item	20.000	KG	30.00	600.00
6	CBX00004	LT XLPE Cable 1 Core 120 Sq. mm	Stock item	50.000	M	73.53	3,676.50
7	MST00032	RS Joist 175x85mm	Stock item	900.000	KG	56.40	50,760.00
8	CBX10005	11KV XLPE Cable 3 Core 95 Sq. mm	Stock item	70.000	M	558.60	39,102.00
9	CBX00015	LT XLPE Cable 3 1/2 Core 185 Sq. mm	Stock item	50.000	M	400.82	20,041.00
10	CDR00003	AAA conductor 55 Sq. mm	Stock item	120.000	M	27.02	3,242.40
11	DTC30009	3-PH 315KVA DTR CRGO CSP	Stock item	1	EA	567,400.00	567,400.00
<b>Material Cost</b>							<b>717,220.81</b>
S.No	Services Code	Services Text	Item Category	Quantity	Unit	Rate in Rs.	Amount in Rs.
1	SWR20304	Fencing around the transformer	-	1	LS	5,500.00	5,500.00
2	SWR21299	Earthing arrangement labour	-	3	LS	1,235.00	3,705.00
3	SWR20065	Erection of 11kv AB switch	-	2	LS	1,311.20	2,622.40
4	SWR21283	Erection of 11 KV HG Fuse set	-	2	EA	599.50	1,199.00
5	SWR10674	Erection of LT distribution box	-	1	EA	1,431.00	1,431.00
6	SWR21681	Erec of SP Stru RS Joist welded baktobak	-	2	EA	6,203.00	12,406.00
7	SWR10463	Erection of Three Phase DTRs	-	1	EA	1,500.00	1,500.00
8	SWR20186	Supply of GI Bolts, Nuts and Washers etc	-	10.000	KG	85.00	850.00
9	SWR21843	Column type DTR Plinth top slab 4'x4'x6"	-	1	EA	23,630.00	23,630.00
10	SWR20193	Supply & fixing of Cable jointing kit	-	2	EA	825.00	1,650.00
11	SWR20499	Other miscellaneous items not covered	-	1	LS	3,000.00	3,000.00
12	SWR10431	Laying of UG Cable 11 KV 3x95 Sqmm	-	70.000	M	300.00	21,000.00
13	SWR11126	Laying of the cable LT 3 1/2 x 185 Sqmm	-	50.000	M	244.00	12,200.00
14	SWR22356	Laying of 1Core XLPE 120Sqmm Cable	-	1.000	M	200.00	200.00
15	SWR10365	Stringing of 55sqmm 33/11kv Line 3 Cond	-	0.040	KM	5,346.00	213.84
<b>Service Cost</b>							<b>91,107.24</b>
<b>12.36% Service Tax on Labour &amp; Transport (As per D.No:90/2012,Dt:03.04.2012) :</b>							<b>11,260.85</b>



# SOUTHERN POWER DISTRIBUTION COMPANY OF TS LIMITED

3 % S & H Charges :	21344.70
3 % Contingencies on materials:	21516.62
10 % Estt. & General Charges :	71722.08
Total :	934172.30



## SOUTHERN POWER DISTRIBUTION COMPANY OF TS LIMITED

Activity No : 30

Activity Description : material

S.No	Materials Code	Materials Text	Item Category	Quantity	Unit	Rate in Rs.	Amount in Rs.
1	OTH10147	Control Panel	Stock item	3	EA	10,000.00	30,000.00
2	OTH10166	Metering Panel-Three Phase(One Meter)#	Stock item	56	EA	1,500.00	84,000.00
3	CBX00013	LT XLPE Cable 3 1/2 Core 95 Sq. mm	Stock item	50.000	M	244.44	12,222.00
4	MTE30022	LT Tri Meter 100/5A in P.P.Box 4CTs 0.5S	Stock item	1	EA	5,526.00	5,526.00
5	SFU10059	MCB 3Ph 40Amps	Stock item	57	EA	1,000.00	57,000.00
6	MTE30028	3Ph10-40A W/O PP Box with Irivectr featr	Stock item	56	EA	1,605.61	89,914.16
7	CAH00008	GSM MODEMS (3DB)	Stock item	1	EA	5,100.00	5,100.00
8	TLE10045	Sim Card	Stock item	1	EA	533.00	533.00
9	MTE30026	LT TVR Meters (4 CTs-0.5S)-DLMS protocol	Stock item	1	EA	6,525.00	6,525.00
<b>Material Cost</b>							<b>290,820.16</b>
S.No	Services Code	Services Text	Item Category	Quantity	Unit	Rate in Rs.	Amount in Rs.
1	SWR20476	Erection of control panel.	-	3	LS	1,100.00	3,300.00
2	SWR20477	Erection of metering panel	-	56	LS	150.00	8,400.00
3	SWR20193	Supply & fixing of Cable jointing kit	-	3	EA	825.00	2,475.00
4	SWR20667	Laying of 3 1/2 core, 95 sq.mm LT XLPE	-	50.000	KM	157.00	7,850.00
5	SWR21137	Fixing of 3Ph meters without box	-	56	EA	102.00	5,712.00
6	SWR20478	Supply and erection of MCBs	-	57	LS	22.00	1,254.00
7	SWR11107	Er. of CT Meters on LV Side of DTR#s	-	1	EA	1,000.00	1,000.00
8	SWR10003	Labour and Transport Charges	-	1	LS	5,000.00	5,000.00
9	SWR21528	Supply of GSM MODEMs with SIM Cards	-	1	EA	1,185.00	1,185.00
10	SWR20541	Erection of 11 KV CT including earthing	-	1	SET	600.00	600.00
<b>Service Cost</b>							<b>36,776.00</b>
<b>12.36% Service Tax on Labour &amp; Transport (As per D.No:90/2012,Dt:03.04.2012) :</b>							<b>4,545.51</b>
<b>3 % S &amp; H Charges :</b>							<b>5665.65</b>
<b>3 % Contingencies on materials:</b>							<b>8724.60</b>
<b>10 % Estt. &amp; General Charges :</b>							<b>29082.02</b>
<b>Total :</b>							<b>375613.94</b>