

Estimate Cost Calculation Sheet

: E-2017-65-01-12-01-017
 WBS Desc. : 50X5KW, 1X20 KW M/S Modi Farm House
 : CONSUMER
 : NO
 : 9,07,235.27

CSC Registration Number	Applicant Name	HT / LT	Cat.	Sub-cat. / Volt.	Con. load	Cat.	Con. load	BI_ Mont hly	All Doc. Receiv ed	No of Shifts	Exst. load	Exst. Cat	Exst. SD
LTM172640009	MODI FARM HOUSE	LT	01		270,000	02			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
LTM172640009	01	270,000	0200	1200	02				1		54,000	324,000
Total	00	0									54,000	324,000

DC Calculation:

New DTR Cost : 1,95,724.92
 Old DTR Cost : 47,915.00
 Final DTR Cost : 1,47,810.00
 DC as per Load : 3,24,000.00
 Final Dev. Charges : 3,24,000.00

Materials to be issued by TSSPDCL:

Sl. No.	Material	Material Description
1	DTC30125	3-PH 160 KVA DTR with BIS EE Level-2
2	MTE30015	LT Trivect Meter 100/5A in P.P. Box 4CTs
3	MTE30038	3ph 10-40A Electronic IRDA port in PPBox

Incidental Charges Calculation :

Gross Cost of the Estimate : 9,07,235.27
 18% GST on Services : 17,208.00
 Total (Gross cost - 18% GST) : 8,90,027.27
 Incidental Charges : 89,003.00

Incidental charges : 89,003.00
 Development charges / Cost of the DTR : 3,24,000.00
 Security deposit charges : 54,000.00
 6% of DTR/PTR : 11,744.00
 Application Fee : 0.00
 PTR Cost : 0.00
Total Amount : 4,78,747.00

SOUTHERN POWER DISTRIBUTION COMPANY OF T.S LIMITED

From,
THE SUPERINTENDING ENGINEER
OPERATION
CYBERCITY CIRCLE
TSSPDCL
CYBERCITY

To,
MODI FARM HOUSE
SY.NO.33.43 .44&46
YENKEPALLY
YENKEPALLY

LR.NO. SE/OP/CCC/COML./DR.NO.46/17-18/D.NO.763/17,DT.04.12.2017.

Sub:- Estimate for extension of supply to 50 Nos 3-Ph 5 KW and 1 No. 20 KW Domestic Loads a total load of 270 KW load pertains to M/s Modi Farms House at Sy.Nos. 33, 34, 78, 44 & 46 in Yenkepally village of Operation Section Chevella of Chevella Sub-Division of Capital Works. Ibrahimbagh Division of Cybercity Circle under

Ref no:DEE/Op/Ibrahimbagh/D.No.782/17,Dt:28.11.2017.

Ref No: MEMO.NO.SE/OP/CCC/COML./DR.NO.46/17-18/D.NO.762/17,DT.04.12.2017
Estimate Number: E-2017-65-01-12-01-017

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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. 89,003.00
B. Development charges / cost of the DTR	Rs. 3,24,000.00
C. Security deposit charges	Rs. 54,000.00
D. Cost of Materials	Rs. 0.00
E. 6% of DTR cost	Rs. 11,744.00
F. Application Fee	Rs. 0.00
G. PTR Cost	Rs. 0.00
Total Amount	Rs. 4,78,747.00
13. You are requested to pay an Amount Rs. 4,78,747.00 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 04-03-2018 , If not received existing registration will be cancelled.
16. Work must be completed before 02-06-2018 , If not completed you have to forfeit the already paid amount.



SOUTHERN POWER DISTRIBUTION COMPANY OF T.S. LIMITED

Office of
THE SUPERINTENDING ENGINEER
OPERATION
CYBERCITY CIRCLE
TSSPDCL
CYBERCITY

MEMO.NO.SE/OP/CCC/COML./DR.NO.46/17-18/D.NO.762/17.DT.04.12.2017

Sub:- Estimate for extension of supply to 50 Nos 3-Ph 5 KW and 1 No. 20 KW Domestic Loads a total load of 270 KW load pertains to M/s Modi Farms House at Sy.Nos. 33, 34, 78, 44 & 46 in Yenkepally village of Operation Section Chevella of Chevella Sub-Division of Capital Works. Ibrahimbagh Division of Cybercity Circle under

Ref no:DEE/Op/Ibrahimbagh/D.No.782/17,Dt:28.11.2017.

Ref : Estimate Number: E-2017-65-01-12-01-017

The above estimate is administratively approved and technically sanctioned and registered as E-2017-65-01-12-01-017

The sanction accords is subject to the follwing conditions:

1. TSSPDCL after careful examination of the above proposal hereby accords approval for the scheme at a cost of 9,07,235.27
2. In excercise 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. 5,98,816.00
B. Development charges	Rs. 3,24,000.00
C. Initial Consumption Deposit	Rs. 54,000.00
D. Application Fee	Rs. 0.00
E. PTR Cost	Rs. 0.00

Total Amount

Rs. 9,76,816.00



SOUTHERN POWER DISTRIBUTION COMPANY OF TS LIMITED

50X5KW, 1X20 KW M/S Modi Farm House

Estimate for extension of supply to 50 Nos 3-Ph 5KW and 1 No 20 KW Domestic loads a total load of 270 KW load Pertains to M/S Modi Farm House at Sy.Nos.33,43,78,44&46 in Yenkepally Village in Chevella Section of Chevella Sub Division of Ibrahimbagh Division of Cybercity circle - Under Capital Works.

REPORT TO ACCOMPANY THE ESTIMATE

GENERAL : The estimate is for extension of supply to 50 Nos 3-Ph 5KW and 1 No 20 KW Domestic loads a total load of 270 KW load Pertains to M/S Modi Farm House at Sy.Nos.33,43,78,44&46 in Yenkepally Village in Chevella Section of Chevella Sub Division of Ibrahimbagh Division of Cybercity circle - Under Capital Works.

Main Features: The proposal envisages the following.

1. Efecting: 50 Nos 3-Ph 5KW and 1 No 20 KW Domestic loads a total load of 270 KW
2. Erection: of 1No 3-Ph 160 KVA DTR.
3. Laying: of LT 3 1/2- Core 95 Sqmm XLPE UG Cable for a distance of 150mts(multiple laying to feeder boxes)
4. Dismantling of 25 KVA DTR Vide Not.
- 8.33/11KV Sub Station and Feeder: The proposal loads are on 11KV Yenkepally 24 Hours feeder Whose emanating from 33/11KV SS Earlaply Sub-Station with existing Power Transformer Capacity 1X5MVA. Which is capable of feeding the proposed loads.
9. Capital Cost of the Estimate : The total cost of the estimate is as per the estimate. and it is self remunerative.
10. List of Materials : The required materials are as per the detailed estimate.

Division	: SE/OP/GHYD EAST	Section	: AE OP CHEVELLA
Project Type	: SC-Extension of Supply (LT)	Cost Center	: 165112101
Estimate No.	: E-2017-65-01-12-01-017	Estimate Description	: 50X5KW, 1X20 KW M/S Modi Farm House
Network No.	: 520000196299	Estimate Created Date	: 03.11.2017
Reservation No.	: 8001361033	Plant	: 1060
User Status	: DE 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
LTM172640009	MODI FARM HOUSE	LT	01	000	270.00	02	00	0.00		X		0.00

Estimate Cost (Gross) :											907235.27
Less Credits :											0.00
Estimate Cost (Net) :											907235.27
10% Incidental Charges to be collected :											88658.567
SL.No.	Proposals involves										Total in Rs.
1	10 - DATA.										907235.27

Less Credits (Optional):

S.No	Materials Code	Materials Text	Item Catagory	Quantity	Unit	Rate in Rs.	Amount in Rs.
			Text item				

Activity No : 10

Activity Description : DATA.

S.No	Materials Code	Materials Text	Item Category	Quantity	Unit	Rate in Rs.	Amount in Rs.
1	DTC30125	3-PH 160 KVA DTR with BIS EE Level-2	Stock item	1	EA	195,724.92	195,724.92
2	BXS00047	LT Distribution Boxes (SMC)	Stock item	1	EA	7,935.69	7,935.69
3	CBX00013	LT XLPE Cable 3 1/2 Core 95 Sq. mm	Stock item	300.000	M	244.44	73,332.00
4	CBX00015	LT XLPE Cable 3 1/2 Core 185 Sq. mm	Stock item	20.000	M	481.06	9,621.20
5	MTE30038	3ph 10-40A Electronic IRDA port in PPBox	Stock item	50	EA	2,134.36	106,718.00
6	FBR00016	LT/11KV M.S. Back Clamps	Stock item	10	SET	128.00	1,280.00
7	OTH10147	Control Panel	Stock item	1	EA	10,000.00	10,000.00
8	MIS80055	FEEDER PILLAR BOX	Stock item	4	EA	3,373.34	13,493.36
9	MTE30015	LT Trivect Meter 100/5A in P.P. Box 4CTs	Stock item	1	EA	5,976.00	5,976.00
10	CBX00013	LT XLPE Cable 3 1/2 Core 95 Sq. mm	Stock item	1,000.000	M	244.44	244,440.00
Material Cost							668,521.17
S.No	Services Code	Services Text	Item Category	Quantity	Unit	Rate in Rs.	Amount in Rs.
1	SWR20117	Erection of LT Distribution box w/o box	-	1	EA	1,653.00	1,653.00
2	SWR20499	Other miscellaneous items not covered	-	1	LS	5,000.00	5,000.00
3	SWR11013	Laying of UG Cable LT 3 1/2 x 95 Sqmm	-	100.000	M	157.00	15,700.00
4	SWR20478	Supply and erection of MCBs	-	50	LS	1,100.00	55,000.00
5	SWR10003	Labour and Transport Charges	-	1	LS	5,000.00	5,000.00
6	SWR20096	ERECTION OF Three Phase DTRs	-	1	EA	1,820.00	1,820.00
7	SWR20604	Fixing of 3Ph meters in the box	-	50	EA	67.00	3,350.00
8	SWR10336	Erection of CT meter on LV side of DTRs	-	1	EA	1,225.00	1,225.00
9		Erection of meter box incl box cost	-	1	EA	6,500.00	6,500.00
10		Dismatling of 25 KVA DTR	-	1	EA	822.00	822.00
11	SWR11474	Laying-4 core cable	-	1,000	RMT	13.00	13,000.00
12	SWR20057	Erection of Capacitor units	-	1	LS	550.00	550.00
13	SWR10489	Release of 3Ph service	-	50	EA	102.00	5,100.00
Service Cost							114,720.00
18% GST on Labour & Transport :							20,649.60
3 % S & H Charges :							16436.74
3 % Contingencies on materials:							20055.64
10 % Estt. & General Charges :							66852.17



SOUTHERN POWER DISTRIBUTION COMPANY
LIMITED

	Total :	907285.23
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