



SOUTHERN POWER DISTRIBUTION COMPANY OF T.S LIMITED

Office of the
Chief General Manager,
Operation, Ranga Reddy Zone.

Memo No. CGM/Operation/RR Zone/Hyd/DE(T)/ADE -I/D.No. 4857/16-17, Dt: 7.02.2017.


Sub: Elecy - RR Zone - Estimate for extension of supply to 83 Nos. 3-Ph 5KW Domestic load making a total load of 415 KW load Pertains to M/S Modi & Modi Constructions Developers at Sy.Nos.75, 77, 78, 79, 96 & 100/2 in Rampally Village in Keesara Section of Ghatkesar Sub Division of Habsiguda Division of RR East circle - under capital works - Sanctioned.

Ref: 1. Lr.No. SE/OP/RR East/Comml/D.No. 877/16-17, Dt: 25.01.2017.
2. Lr.No. DEE/OP/HBG/Comml/D.No. 2534/16-17, Dt: 21.01.2017.

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1. The Chief General Manager/ Operation/ Ranga Reddy Zone/ TSSPDCL/ Hyderabad administratively approves the proposal of Superintending Engineer/Operation/Ranga Reddy East Circle vide reference 1st cited above, for extension of supply to 83 Nos. 3-Ph 5KW Domestic load making a total load of 415 KW load Pertains to M/S Modi & Modi Constructions Developers at Sy.Nos.75, 77, 78, 79, 96 & 100/2 in Rampally Village in Keesara Section of Ghatkesar Sub Division of Habsiguda Division of RR East circle - under capital works and sanction for an gross amount of Rs.18,35,320/- (Rupees Eighteen Lakhs Thirty Five Thousand Three Hundred and Twenty only) towards expenditure as per the detailed estimate enclosed. The estimate No is SAP E-2016-14-02-13-02-095. The estimate is technically sanctioned and registered as
CGM/Op/RR Zone/ C.R.No. 85/2016-17. (Capital)/Ranga Reddy East Circle.
2. The salient features of the scheme are as follows:
 - a. Erection of 1 Nos. 3-Ph 315 KVA DTR.
 - b. Stringing of 55sqmm line 3 conductor for a distance of 0.200 Km.
 - c. Laying of UG Cable 11KV 3 1/2 X70 Sqmm Conductor for a distance of 750 Mtrs.
 - d. Laying of the Cable LT 3 1/2 X185 Sqmm Conductor for a distance of 175 Mtrs
 - e. Effecting of supply to 83 Nos. 3-Ph 5KW Domestic load making a total load of 415 KW load.
3. The anticipated Annual Revenue at the rate basic rate works out to Rs -- /- yielding a revenue return of -- % on the capital cost of the scheme. Hence, the scheme is un-remunerative. An amount of Rs --/- per service per year as special AMG is to be collected for a period of five (5) years.
4. In exercise of the powers conferred by section 67 of the Electricity act, 2003, the Company shall have for the placing of any lines, poles, distribution of electricity or for the transmission of telegraphic or telephone communications necessary for the proper co-ordination of the work of the Company all the powers which the telegraphic authority possesses under part of the India Telegraph Act, 1885 (13 of 1885) with regard to Telegraph established or maintained. This will be without prejudice to the requirement of section 17 of I.E, Act 1910.
5. The expenditure is chargeable to: TSSPDCL-Capital receipts & expenditure- B.Expenditure- 3.Distribution system-High voltage-A/c No.14.5 &14.6 (11KV & 33KV).

6. The sanction accorded in Para 1 above is subject to instructions issued by the company on release of service and tariff as may be in force from time to time.
7. The work will be executed by Superintending Engineer /Operation/ RR East Circle.
8. Amounts to be collected from the consumers by SE /Op/ RR East Circle.
 - I. Service Line Charges : Rs.11,03,440/-
 - II. Development Charges : Rs.5,59,854/-
 - III. Security Deposit : Rs.83,000/-
9. Against the lump sum provision made in the estimate, detailed working estimate should be got sanctioned by the competent authority.
10. The Superintending Engineer /Operation/Ranga Reddy East Circle is requested to release the supply after duly obtaining the Occupancy Certificate from the concerned authority.
11. The concerned officers are responsible for any wrong or excessive estimation.


Chief General Manager,
Operation, RR Zone, Hyderabad.

To: The Superintending Engineer /Operation/RR East Circle.
Copy to: The Divisional Engineer/Operation/Habsiguda.



SOUTHERN POWER DISTRIBUTION COMPANY OF TS LIMITED

83X5KW,M/S Modi & Modi Constructions

Estimate for extension of supply to 83 Nos 3-Ph 5KW Domestic load making a total load of 415 KW load Pertains to M/S Modi & Modi Constructions Developers at Sy.Nos.75,77,78,79,96 & 100/2 in Rampally Village in Keesara Section of Ghatkesar Sub Division of Habsiguda Division of RR East circle - Under Capital Works.

REPORT TO ACCOMPANY THE ESTIMATE

GENERAL : The estimate is for extension of supply to 83Nos 3-Ph 5KW Domestic load making a total load of 415KWS load Pertains to M/S Modi & Modi Constructions Developers at Sy.Nos.75,77,78,79,96 & 100/2 in Rampally Village in Keesara Section of Ghatkesar Sub Division of Habsiguda Division under Capital Works.

Main Features . The proposal envisages the following.

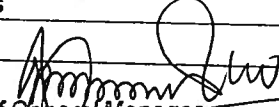
- 1.Efecting : 83Nos 3-Ph 5KW Domestic load making a total load of 415KW load
- 2.Erection: of 1No 3-Ph 315 KVA DTR .
- 3.Erection : of 5Nos 9.1Mtrs PSCC poles
4. Stringing : of 11 KV 3-wire line with 55 Sq mm conductor for a distance of 600Mtrs..
5. Laying : of of HT 3-Core 95Sqmm XLPE UG Cable for a distance of 100X2 Runs=200mts
6. Laying : of of LT 3 1/2-Core X 185Sqmm XLPE UG Cable for a distance of 175X2 Runs=350mts
7. Laying : of LT 3 1/2- Core 70Sqmm XLPE UG Cable for a distance of 750mts(mutiple laying to feeder boxes)
- 8.33/11KV Sub Station and Feeder: The proposal loads are on 11KV Rampally feeder Whose emanating from 33/11KV SS-I Cherlapally Sub-Station with existing Power Transformer Capacity 3X8MVA. 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/O/RR East	Section : AE KEESARA
Project Type : SC-Extension of Supply (LT)	Cost Center : 114213201
Estimate No. : E-2016-14-02-13-02-095	Estimate Description : 83X5KW,M/S Modi & Modi Constructions
Network No. : 520000180550	Estimate Created Date : 03.01.2017
Reservation No. : 8001229717	Plant : 1060
User Status : SE 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
LTM162210038	M/S MODI & MODI CONSTRUCTIONS	LT	01	000	415.00	02	00	0.00		X		0.00

Estimate Cost (Gross) :		1835315.36
Less Credits :		0.00
Estimate Cost (Net) :		1835315.36
10% Incidental Charges to be collected :		178920.777
SL.No.	Proposals involves	Total in Rs.
1	10 - MATERIAL	1835315.3625


 Chief General Manager
 Operation, Rangaswamy Zone,
 TSSPDCL, Mint Compound, Hyd.



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Activity No : 10


Activity Description : MATERIAL

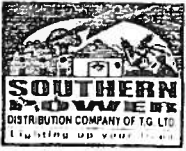
S.No	Materials Code	Materials Text	Item Category	Quantity	Unit	Rate in Rs.	Amount in Rs.
1	PLS00004	PSCC Poles 9.1 Mts 280Kgs	Stock item	5	EA	3,478.25	17,391.25
2	DTC30009	3-PH 315KVA DTR CRGO CSP	Stock item	1	EA	559,853.85	559,853.85
3	ABS10002	11KV 200A TT AB SWITCH WITH INSULATORS	Stock item	2	EA	7,610.00	15,220.00
4	HGF10002	11KV HG Fuse Sets with Insulators	Stock item	2	EA	1,842.75	3,685.50
5	EMT00008	CI Earth Pipe 80 mm Dia 2 Mts Long	Stock item	3	EA	2,200.00	6,600.00
6	BXS00047	LT Distribution Boxes (SMC)	Stock item	1	EA	6,590.00	6,590.00
7	MST00032	RS Joist 175x85mm	Stock item	450.000	KG	39.90	17,955.00
8	CDR00003	AAA conductor 55 Sq. mm	Stock item	600.000	M	23.37	14,022.00
9	FBR10006	11KV Horizontal Cross Arms	Stock item	10	EA	485.51	4,855.10
10	INS10001	11KV Pin Insulators	Stock item	15	EA	51.03	765.45
11	HWR00001	11KV GI Pins	Stock item	15	EA	63.49	952.35
12	INS10002	11KV Disc Insulators(C&T)	Stock item	9	EA	192.00	1,728.00
13	HWR00002	11KV Metal parts(C&T)	Stock item	9	SET	77.00	693.00
14	CBX10005	11KV XLPE Cable 3 Core 95 Sq. mm	Stock item	200.000	M	521.05	104,210.00
15	CBX00012	LT XLPE Cable 3 1/2 Core 70 Sq. mm	Stock item	750.000	M	178.27	133,702.50
16	CBX00015	LT XLPE Cable 3 1/2 Core 185 Sq. mm	Stock item	350.000	M	491.10	171,885.00
17	MTE30038	3ph 10-40A Electronic IRDA port in PPBox	Stock item	83	EA	2,072.55	172,021.65
18	FBR00016	LT/11KV M.S. Back Clamps	Stock item	10	SET	128.00	1,280.00
19	OTH10147	Control Panel	Stock item	1	EA	10,000.00	10,000.00
20	MIS80055	FEEDER PILLAR BOX	Stock item	11	EA	3,373.34	37,106.74
Material Cost							1,280,517.39
S.No	Services Code	Services Text	Item Category	Quantity	Unit	Rate in Rs.	Amount in Rs.
1	SWR10838	Layin11KV95sqmm D.Run AR in HG/NS/CC/BT	-	100.000	M	407.00	40,700.00
2		Laying LT 3½ core 185 SQmm-Double run	-	175.000	M	488.00	85,400.00
3	SWR10343	ERECTION OF LINES-Erection of 9.1M Pole	-	5	EA	1,610.00	8,050.00
4	SMR11488	S-GI Bolts & Nuts,Washers etc.	-	5.000	KG	90.00	450.00
5	SWR20604	Fixing of 3Ph meters in the box	-	83	EA	67.00	5,561.00
6	SWR21843	Column type DTR Plinth topslab 4'x4'x6"	-	1	EA	23,144.00	23,144.00
7	SWR10395	Erect. of 11kv HG Fuseset incl earthing	-	2	SET	660.00	1,320.00
8	SWR10393	Erection of 11kv ABSwitch incl earthing	-	2	EA	1,641.20	3,282.40
9	SWR10365	Stringing of 55sqmm 33/11kv Line 3 Cond	-	0.200	KM	6,790.00	1,358.00



**SOUTHERN POWER DISTRIBUTION COMPANY OF TS
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10	SWR20096	ERECTION OF Three Phase DTRs	--	1	EA	1,733.00	1,733.00
11	SWR20117	Erection of LT Distribution box w/o box	--	1	EA	1,653.00	1,653.00
12	SWR20499	Other miscellaneous items not covered	--	1	LS	5,000.00	5,000.00
13	SWR21681	Erec of SP Stru RS Joist welded baktobak	--	1	EA	7,164.00	7,164.00
14	SWR11014	Laying of UG Cable LT 3 1/2 x 70 Sqmm	--	750.000	M	110.00	82,500.00
15	SWR22730	Mass conceting of pole location	--	1.010	M3	5,405.00	5,459.05
16	SWR20304	Fencing around the transformer	--	1	LS	5,775.00	5,775.00
17	SWR20478	Supply and erection of MCBs	--	1	LS	1,100.00	1,100.00
18		FIXING OF FEEDER PILLAR BOX	--	11	LS	773.00	8,503.00
19	SWR10357	ERECT OF LINES-Providing of earthing	--	3	EA	1,359.00	4,077.00
20	SWR20193	Supply & fixing of Cable jointing kit	--	4	EA	1,500.00	6,000.00
21	SMR11480	S-GI pipe earthing 40mm dia 2m long	--	2	EA	566.00	1,332.00
22	SWR10357	ERECT OF LINES-Providing of earthing	--	2	EA	1,359.00	2,718.00
23	SWR10003	Labour and Transport Charges	--	1	LS	5,000.00	5,000.00
24	SWR10107	EXCAVATION OF PIT (2.6" x 2.6" x 6.0")	--	5	EA	377.30	1,886.50
Service Cost							309,165.95
15% Service Tax on Labour & Transport :							46,107.59
3 % S & H Charges :							33057.17
3 % Contingencies on materials:							38415.52
10 % Estt. & General Charges :							128051.74
Total :							1835315.36


 Chief General Manager
 Operation/Rangareddy Zone,
 TSSPDCL, Mint Compound, Hyd.



SOUTHERN POWER DISTRIBUTION COMPANY OF T.S. LIMITED

Office of
THE CHIEF GENERAL MANAGER
OPERATION
RANGA REDDY ZONE
TSSPDCL
HYDERABAD

MEMO.NO.CGM(OP)/RR ZONE/HYD/DE(T)/ADE(I)/F.NO. /D.NO. /16-17, DT

Sub:- Estimate for extension of supply to 83 Nos. 3-Ph 5KW Domestic load making a total load of 415 KW load Pertains to M/S Modi & Modi Constructions Developers at Sy.Nos.75, 77, 78, 79, 96 & 100/2 in Rampally Village in Keesara Section of Ghatkesar S ub Division of Habsiguda Division of RR East circle - Under Capital Works

Ref : Estimate Number: E-2016-14-02-13-02-095


The above estimate is administratively approved and technically sanctioned and registered as CGM/OP/RR ZONE/CR NO. /2016-17. (CAPITAL) / RANGA REDDY EAST CIRCLE

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 18,35,315.36
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 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. 11,03,440.00
B. Development charges	Rs. 5,59,854.00
C. Initial Consumption Deposit	Rs. 83,000.00
D. Application Fee	Rs. 0.00
E. PTR Cost	Rs. 0.00

Total Amount Rs. 17,46,294.00


Chief General Manager
Operation, Rangareddy Zone,
TSSPDCL, Mint Compound, Hyd.



SOUTHERN POWER DISTRIBUTION COMPANY OF T.S LIMITED

From,
THE CHIEF GENERAL MANAGER
OPERATION
RANGA REDDY ZONE
TSSPDCL
HYDERABAD

To,
M/S MODI & MODI CONSTRUCTIONS
SY NO:75.77.78.79.96&100/2
RAMPALLY
RAMPALLY
KEESARA

LR.NO.CGM(OP)/RR ZONE/HYD/DE(T)/ADE(I)/F.NO. /D.NO. /16-17, DT

Sub:- Estimate for extension of supply to 83 Nos. 3-Ph 5KW Domestic load making a total load of 415 KW load Pertains to M/S Modi & Modi Constructions Developers at Sy.Nos.75, 77, 78, 79, 96 & 100/2 in Rampally Village in Keesara Section of Ghatkesar S ub Division of Habsiguda Division of RR East circle - Under Capital Works

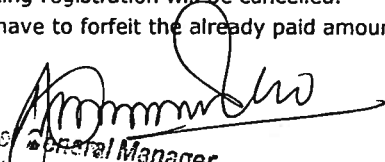
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Estimate Number: E-2016-14-02-13-02-095

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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. 1,78,921.00
B. Development charges / cost of the DTR	Rs. 5,59,854.00
C. Security deposit charges	Rs. 83,000.00
D. Cost of Materials	Rs. 19,250.00
E. 6% of DTR cost	Rs. 33,591.00
F. Application Fee	Rs. 0.00
G. PTR Cost	Rs. 0.00
Total Amount	Rs. 8,74,616.00
13. You are requested to pay an Amount Rs. 8,74,616.00 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 08-05-2017 , If not received existing registration will be cancelled.
16. Work must be completed before 06-08-2017 , If not completed you have to forfeit the already paid amount.


Chief General Manager
Operation, Rangareddy Zone,
TSSPDCL, Mint Compound, Hyd.

Estimate Cost Calculation Sheet

WBS Element : E-2016-14-02-13-02-095 WBS Desc. : 83X5KW,M/S Modi & Modi Constructions
 Work Executed by : CONSUMER
 Service Connection Estimate : NO
 Estimate Plan Cost : 18,35,315.36

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
LTM162210038	M/S MODI & MODI CONSTRUCTIONS	LT	01		415,000	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
LTM162210038	01	415,000	0200	1200	02				1		83,000	498,000
Total	00	0									83,000	498,000

DC Calculation:

New DTR Cost : 5,59,853.85
 Final DTR Cost : 5,59,854.00
 DC as per Load : 4,98,000.00
 Final Dev. Charges : 5,59,854.00

Materials to be issued by TSSPDCL:

Sl No.	Material	Material Description
1	DTC30009	3-PH 315KVA DTR CRGO CSP
2	MTE30038	3ph 10-40A Electronic IRDA port in PPBox

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	15	63.49	952.35
2	HWR00002	11KV Metal parts(C&T)	9	77.00	693.00
3	INS10001	11KV Pin Insulators	15	51.03	765.45
4	INS10002	11KV Disc Insulators(C&T)	9	192.00	1,728.00
5	CDR00003	AAA conductor 55 Sq. mm	600	23.37	14,022.00
	Total				18,160.80
	3% S&H Ch.	3% Storage & Handling Charges			544.82
	3% Contgs.	3% Contingencies			544.82
	G.Total				19,250.00

Incidental Charges Calculation :

Gross Cost of the Estimate : 18,35,315.36
 15% Service Tax on Services : 46,107.59
 Total (Gross cost - 15% ST) : 17,89,207.77
 Incidental Charges : 1,78,921.00

Incidental charges : 1,78,921.00
 Development charges / Cost of the DTR : 5,59,854.00
 Security deposit charges : 83,000.00
 Cost of Materials : 19,250.00
 6% of DTR/PTR : 33,591.00
 Application Fee : 0.00
 PTR Cost : 0.00
Total Amount : 8,74,616.00


 Chief General Manager
 Operation, Rangareddy Zone,
 TSSPDCL, Mint Compound, Hyderabad.