



CENTRAL POWER DISTRIBUTION COMPANY OF A.P. LIMITED

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

Memo No. CGM/Operation/RR Zone/Hyd/DE(T)/ADE -I/D.No. 5054 /12-13, Dt: 03.03.2013.

Sub: Eley - RR Zone - Estimate for extension of supply to 44 Nos. 3-Ph of each 5 KW Domestic loads and 1 No 3-Ph 20 KW Domestic load over and above the existing 1 No 5 KW Non-domestic load (Sc.No.2209-04747) to M/s. Mehta and Modi Homes, at Sy.No: 74 & 75, Cherlapally (V) in Cherlapally Section of Sainikpuri Sub-Division in Sainikpuri Division of Ranga Reddy East Circle under Capital Works - Sanctioned.

Ref: 1. Lr.No. SE/OP/RR East/ Coml/D.No.344/12, Dt: 02.03.2013.
2. Lr.No. DE/OP/SRNR/Coml./ D.No. 2259/12, Dt: 19.02.2013

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1. The Chief General Manager/ Operation/ Ranga Reddy Zone/ APCPDCL/ Hyderabad administratively approves the proposal of Superintending Engineer/Operation/Ranga Reddy East Circle vide reference 1st cited above, for extension of supply to 44 Nos. 3-Ph of each 5 KW Domestic loads and 1 No 3-Ph 20 KW Domestic load over and above the existing 1 No 5 KW Non-domestic load (Sc.No.2209-04747) to M/s. Mehta and Modi Homes, at Sy.No: 74 & 75, Cherlapally (V) in Cherlapally Section of Sainikpuri Sub-Division in Sainikpuri Division of Ranga Reddy East Circle under capital works and sanction for an amount of Rs. 7,80,760/- (Rupees Seven Lakhs Eighty Thousand Seven Hundred and Sixty only) towards expenditure as per the detailed estimate enclosed.

The estimate No is SAP E-2012-14-03-11-04-197. The estimate is technically sanctioned and registered as

CGM/Op/RR Zone/ C.R.No. 258 /2012-13. (Capital)/Ranga Reddy East Circle.

2. The salient features of the scheme are as follows:

- Erection of 11 KV line with 55 Sqmm AAAC over 9.1 Mt PSCC Poles for a distance of 0.28 KM.
- Erection of 1 No. 160 KVA DTR with necessary switchgear, plinth and fencing around.
- Laying of LT 3 1/2 x 185 Sq mm XLPE UG Cable for a distance of 20 Mt.
- Laying of LT 3 1/2 x 70 Sq mm XLPE UG Cable for a distance of 480 Mt.
- Laying of LT 1x120 Sq mm XLPE UG Cable for a distance of 40 Mt.
- Erection of 4 Nos. feeder pillar boxes and 2 Nos. Control panels.
- To effect release of supply to 44 Nos. 3-Ph of each 5 KW Domestic loads and 1 No 3-Ph 20 KW Domestic load over and above the existing 1 No 5 KW Non-domestic load (Sc.No.2209-04747).

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: APCPDCL-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.

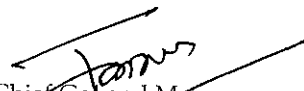
7. The work will be executed by Superintending Engineer /Operation/ RR East Circle.

8. Amounts to be collected from the consumers by SE /op/ RR East Circle.

I. Service Line charges	Rs. 5,11,730/-
II. Development Charges	Rs. 2,40,000/-
III. Security Deposit	Rs. 48,000/-

9. Against the lump sum provision made in the estimate, detailed working estimate should be got sanctioned by the competent authority.

10. The concerned officers are responsible for any wrong or excessive estimation.


Chief General Manager,
Operation, RR Zone, Hyderabad.

To
The Superintending Engineer /Operation/Ranga Reddy East Circle.



CENTRAL POWER DISTRIBUTION COMPANY OF AP LIMITED

E/S to 1 No 20kw & 44 Nos 5kw to Mehta & Modi Homes at Cherlapally (V).

Estimate for extension of supply to 44 Nos 3-Ph each 5KW Domestic Loads and 1 No 3-Ph 20KW Domestic Load over and above the existing 1 No 5KW Non Domestic Load (Sc.No.2209-04747) to M/S Mehta and Modi Homes at Sy No 74 & 75, Cherlapally (V) in Cherlapally Section of Sainikpuri Sub-division in Sainikpuri Division of RR East circle under Capital Works.

Report to Accompany the Estimate:

1. General: The proposal is for extension of supply to 44 Nos 3-Ph each 5KW Domestic Loads and 1 No 3-Ph 20KW Domestic Load over and above the existing 1 No 5KW Non Domestic Load (Sc.No.2209-04747) to M/S Mehta and Modi Homes at Sy No 74 & 75, Cherlapally (V) in Cherlapally Section of Sainikpuri Sub-division in Sainikpuri Division of RR East circle under Capital Works.

2. Main Features: The Proposal envisages the following.

- Erection of 11 KV line with 55 Sq mm AAA conductor over 9.1 Mt PSCC poles for a distance of 0.28 KM.
 - Erection of 1 No 160 KVA DTR CSP with necessary switchgear, plinth and fencing around.
 - Laying of LT 31/2 x 185 Sq mm XLPE UG Cable for a distance of 20 Mt.
 - Laying of LT 31/2 x 70 Sq mm XLPE UG Cable for a distance of 480 Mt.
 - Laying of LT 1 x 120 Sq mm XLPE UG Cable for a distance of 40 Mt.
 - Erection of 4 No feeder pillar boxes and 2 No control panels.
 - Effecting of supply to 44 Nos 3-Ph each 5KW Domestic Loads and 1 No 3-Ph 20KW Domestic Load over and above the existing 1 No 5KW Non Domestic Load (Sc.No.2209-04747).
3. 33/11 KV Substation and Feeder The proposed loads are on 11 KV Phase-IV Feeder emanating from 33/11 KV Cherlapally SS with existing PTR Capacity 1 X 8 + 1 X 5 MVA is capable of feeding proposed loads, already proposed loads and existing loads.
4. H.T. Regulation :- The H.T. Regulation of the feeder is calculated and found within permissible limits.
5. Cost of the Estimate : The total cost of the estimate is as per the detailed estimate enclosed.
6. List of materials: The list of materials are as per the detailed estimate enclosed.

Division	: SE/O/RR East	Section	: AE CHERLAPALLY
Profit Center	: 114000001	Cost Center	: 114311401
Estimate No.	: E-2012-14-03-11-04-197	Estimate Description	: E/S to 1 No 20kw & 44 Nos 5kw to Mehta (>&<)
Project Code	: E-2012-14-03	Project Description	: ESC for 2012-13 in Sainikpuri Division
Network No.	: 520000110330	Estimate Created Date	: 07.02.2013
Reservation No.	: 8000564472	Plant	: 1060
PR Number	:	Project Type	: SC-Extension of Supply (LT)
User Status	: SE NBGD	System Status	: CRTD AVAC
Estimate Approved date	:	Estimate Sanctioned By	:

SL.No.	Proposals involves	Total in Rs.
1	10 - Detailed Estimate Material	622774.69
2	20 - Labour	157984.45216
Estimate Cost (Gross) :		780759.14
Less Credits :		0.00
Estimate Cost (Net) :		780759.14
10% Incidental Charges to be collected :		76338.029

[Signature]
 Chief General Manager
 Operation, Ranganadray & Co.,
 ACPDCL, Muzil Compound, Uda.



CENTRAL POWER DISTRIBUTION COMPANY OF AP LIMITED

Activity No : 10

Activity Description : Detailed Estimate Material

S.No	Materials Code	Materials Text	Item Category	Quantity	Unit	Rate in Rs.	Amount in Rs.
1	MTE30027	3Ph10-40A in PP Box with trivector featr	Stock item	44	EA	1,836.00	80,784.00
2	MTE30026	LT TVR Meters (4 CTs-0.5S)-DLMS protocol	Stock item	1	EA	6,525.00	6,525.00
3	MTE30025	LT Trivect Meter 200/5Ain PPBox3CT's0.5S	Stock item	1	EA	5,526.00	5,526.00
4	SFU10059	MCB 3Ph 40Amps	Stock item	45	EA	1,000.00	45,000.00
5	EMT00008	CI Earth Pipe 80 mm Dia 2 Mts Long	Stock item	1	EA	2,200.00	2,200.00
6	EMT00020	GI Earth Pipe 40 mm	Stock item	2	EA	550.00	1,100.00
7	EMT00017	GI Earth Flat 25 mm x 3 mm	Stock item	20.000	KG	30.00	600.00
8	PLS00004	PSCC Poles 9.1 Mts 280Kgs	Stock item	7	EA	2,950.00	20,650.00
9	PLS00001	PSCC Poles 8 Mts 140Kgs	Stock item	2	EA	1,430.00	2,860.00
10	CDR00003	AAA conductor 55 Sq. mm	Stock item	840.000	M	23.19	19,479.60
11	FBR10003	11KV "V"Cross Arms	Stock item	4	EA	586.00	2,344.00
12	INS10002	11KV Disc Insulators(C&T)	Stock item	21	EA	192.00	4,032.00
13	HWR00001	11KV GI Pins	Stock item	15	EA	57.00	855.00
14	INS10001	11KV Pin Insulators	Stock item	15	EA	29.70	445.50
15	HWR00002	11KV Metal parts(C&T)	Stock item	21	SET	77.77	1,633.17
16	BXS00047	LT Distribution Boxes (SMC)	Stock item	1	EA	5,630.00	5,630.00
17	FBR10002	11KV "V"X Arms with MSChannel 75x40	Stock item	6	EA	345.78	2,074.68
18	FBR00016	LT/11KV M.S. Back Clamps	Stock item	12	SET	136.00	1,632.00
19	CBX00012	LT XLPE Cable 3 1/2 Core 70 Sq. mm	Stock item	480.000	M	178.27	85,569.60
20	MIS80055	FEEDER PILLAR BOX	Stock item	4	EA	3,373.34	13,493.36
21	OTH10147	Control Panel	Stock item	2	EA	10,000.00	20,000.00
22	CAH00178	GPRS Modem	Stock item	1	EA	3,824.00	3,824.00
23	TLE10045	Sim Card	Stock item	1	EA	533.00	533.00
24	CBX00004	LT XLPE Cable 1 Core 120 Sq. mm	Stock item	40.000	M	72.20	2,888.00
25	CBX00015	LT XLPE Cable 3 1/2 Core 185 Sq. mm	Stock item	20.000	M	322.54	6,450.80
26	MST00032	RS Joist 175x85mm	Stock item	450.000	KG	49.91	22,459.50
27	DTC30007	3-PH 160KVA DTR CRGO CSP	Stock item	1	EA	171,842.11	171,842.11
28	HGF10002	11KV HG Fuse Sets with Insulators	Stock item	1	EA	1,375.92	1,375.92
29	ABS10002	11KV 200A TT AB SWITCH WITH INSULATORS	Stock item	1	EA	7,614.00	7,614.00
Material Cost							539,421.24
12.36% Service Tax on Labour & Transport (As per D.No:90/2012,Dt;03.04.2012) :							0.00
3 % S & H Charges :							13228.69
3 % Contingencies on materials:							16182.64

Statement for Service Line Charges and Development Charges.

Estimate for extension of supply to 44 Nos. 3-Ph of each 5 KW Domestic loads and 1 No 3-Ph 20 KW Domestic load over and above the existing 1 No 5 KW Non-domestic load (Sc.No.2209-04747) to M/s. Mehta and Modi Homes, at Sy.No: 74 & 75, Cherlapally (V) in Cherlapally Section of Sainikpuri Sub-Division in Sainikpuri Division of Ranga Reddy East Circle.

SAP E-2012-14-03-11-04-197

Sl. No.	Description	Units	Qty	Rate	Amount in Rs.
I	Total Cost of the Estimate				780760
a)	Less Cost of 3-Ph 160KVA DTR CRGO CSP	Nos.	1	171842.11	171842.11
b)	Less Cost of 3-Ph 10-40A Electr meter without PP Box	Nos.	44	1836	80784.00
c)	Less Cost of LT Trivect Meter 200/5A in PP box 3 CTs 0.5S	Nos.	1	5526	5526.00
d)	Less Cost of LT TVR Meters (4 CTs-0.5S)-DLMS protocol	Nos.	1	6525	6525.00
e)	Less cost of Sim Card	Nos.	1	533	533.00
f)	Less cost of GPRS Modem	Nos.	1	3824	3824.00
III	Total Expenditure chargeable to CPDCPL				269034.11
III	Service line charges to be collected				511725.89
				Or Say	511730.00
IV	Development charges to be collected	Services	No	Load in KW	Dev. Charges
a)	Domestic Load @ Rs.1000/- per KW	3 phase	44	5	220000
b)	Domestic Load @ Rs.1000/- per KW	3 phase	1	20	20000
				Total	240000
V	Security deposit charges to be collected	Services	No	Load in KW	SD. Charges
a)	Domestic Load @ Rs.200/- per KW	3 phase	44	5	44000
b)	Domestic Load @ Rs.200/- per KW	3 phase	1	20	4000
				Total	48000
VI	Total charges to be collected				799730

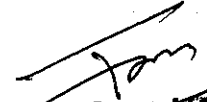

 Chief General Manager

Operation, Ranga Reddy Zone Hyderabad.



CENTRAL POWER DISTRIBUTION COMPANY OF AP LIMITED

	Service Cost	140,605.60
12.36% Service Tax on Labour & Transport (As per D.No:90/2012,Dt:03.04.2012) :		17,378.85
	3 % S & H Charges :	0.00
	3 % Contingencies on materials:	0.00
	10 % Estt. & General Charges :	0.00
	Total :	157984.45


Chief General Manager
Operation, Ranganreddy Zone,
APCPDCL Main Compound, Hyc.



CENTRAL POWER DISTRIBUTION COMPANY OF AP LIMITED

Activity No : 20


Activity Description : Labour

S.No	Services Code	Services Text	Item Category	Quantity	Unit	Rate in Rs.	Amount in Rs.
1	SWR10003	Labour and Transport Charges	--	1	LS	5,000.00	5,000.00
2	SWR20096	ERECTION OF Three Phase DTRs	--	1	EA	2,691.00	2,691.00
3	SWR20478	Supply and erection of MCBs	--	45	LS	22.00	990.00
4	SWR10489	Release of 3Ph service	--	44	EA	96.80	4,259.20
5	SWR22128	Erection of CTmeter & earthing	--	1	LS	825.00	825.00
6	SWR20870	Stringing 11KV SCOH line	--	0.280	KM	4,773.46	1,336.57
7	SWR21844	Column type DTR Plinth top slab 5'x5'x6"	--	1	EA	20,275.00	20,275.00
8	SWR20117	Erection of LT Distribution box w/o box	--	1	EA	1,300.75	1,300.75
9	SWR20101	Erection of 11kv HG Fuse Set	--	1	EA	545.05	545.05
10	SWR20102	Erection of 11kv TT type AB switch	--	1	EA	1,192.58	1,192.58
11	SWR20186	Supply of GI Bolts, Nuts and Washers etc	--	10.000	KG	85.00	850.00
12	SWR21299	Earthing arrangement labour	--	1	LS	3,085.50	3,085.50
13	SWR20304	Fencing around the transformer	--	1	LS	5,500.00	5,500.00
14	SWR20092	Erection of 9.1Mt PSCC Pole	--	7	EA	1,245.80	8,720.60
15	SWR21590	Erection of 8.0Mts PSCC Poles for stuts	--	2	EA	629.20	1,258.40
16	SWR21846	Laying LT 3 1/2 core 70sqmm XLPE UG cable	--	480.000	M	100.00	48,000.00
17	SWR20476	Erection of control panel.	--	2	LS	1,100.00	2,200.00
18	SWR10105	EXCAVATION OF PIT (2.6" x 2.6" x 5.0')	--	9	EA	175.28	1,577.52
19		Erection of Pillar Boxes	--	4	EA	350.00	1,400.00
20	SWR20749	Fabrication of Box pole	--	1	EA	614.68	614.68
21	SWR20585	Painting of pole/ structure with Enamel	--	1	EA	696.96	696.96
22	SWR10107	EXCAVATION OF PIT (2.6" x 2.6" x 6.0")	--	1	EA	182.56	182.56
23	SWR20587	Erection of Box Pole	--	1	EA	1,661.10	1,661.10
24	SWR20820	Mass concreting of pole locations	--	3.240	EA	3,530.78	11,439.73
25	SWR10336	Erection of CT meter on LV side of DTRs	--	1	EA	825.00	825.00
26	SWR11126	Laying of the cable LT 3 1/2 x 185 Sqmm	--	20.000	M	244.42	4,888.40
27		Laying LT1core 120sqmm cable at DTR	--	40.000	M	20.00	800.00
28	SWR21528	Supply of GSM MODEMs with SIM Cards	--	1	EA	1,290.00	1,290.00
29		Plinth for Pillar Boxes (incl. material)	--	4	EA	1,800.00	7,200.00



CENTRAL POWER DISTRIBUTION COMPANY OF AP LIMITED

	10 % Estt. & General Charges :	53942.12
	Total :	622774.69


Chief Executive Officer,
Operation, Bangalore, APCL,
of Central Power Distribution Co. Ltd.