

Block A.
Central Power Distribution Company of Andhra Pradesh Ltd.

CENTRAL POWER DISTRIBUTION COMPANY OF A.P. LIMITED

Office of
 The Superintending Engineer
 Operation RR Circle North,
 Guinrock, Secunderabad.

Sanction Memo No. SE/O/RR(CN) Coml/DR. No.945/7-08/D. No.4086 /07, date.03-12-07

Sub - Electricity, Operation, Ranga Reddy Circle (North) - Extension of supply to Nos. 3-Φ each 10 KW Common load, 35 Nos. 3-Φ each 3 KW Domestic load, & 36 Nos. 1-Φ each 2 KW Domestic loads to M/s. Modi Ventures at Sy. No. 93, 94 & 95, Block-A, Mallapur in Nacharam Section of Habsiguda Sub-division of Habsiguda Division - Estimate Sanctioned - Reg.

- Ref - 1) Memo No. CGM/Comml/DE(CY)AD/ WF-Multistoried/D.No.4156/06, Dt.04-02-06.
 2) Memo No. CMD/Comml/DE(CY)F-Multistoried/D.No.1384/06, Dt.27-10-06.
 3) Lt. No. DEE/OP/Habsiguda/AE.Comml/D. No.413/07, date 29-11-07

The Superintending Engineer, Operation, Ranga Reddy Circle North administrative approves the proposal for extension of supply to 2 Nos. 3-Φ each 10 KW Common load, 35 Nos. 3-Φ each 3 KW Domestic load, & 36 Nos. 1-Φ each 2 KW Domestic loads to M/s. Modi Ventures at Sy. No. 93, 94 & 95, Block-A, Mallapur in Nacharam Section of Habsiguda Sub-division of Habsiguda Division and accords sanction for an amount of

Rs. 488,650 Rupees Four Lakh Eighty Eight thousand Six hundred Fifty Only
 towards expenditure as per the detailed estimate enclosed.

The estimate is technically sanctioned and registered as D.R. No.945 of 2007-2008.

CHARGEABLE TO CAPITAL :

		Rs.	
A.	A.P.C.P.D.C.L.'s Side	Rs.	213,180
B.	Consumer's Side	Rs.	275,470
C.	TOTAL	Rs.	488,650

The classification of expenditure is given below :

A.P.C.P.D.C.L. - Capital out lay on electricity scheme - B. Arrears (B) Expenditure (C) Distribution System (Excluding S.S.) F. Distribution Plant (High Voltage) D. Distribution Plant. (Medium and Low voltage).

A.P.C.P.D.C.L. - Capital out lay on Electricity Scheme - E.H. Arrears B-12 suspense stock.

The sanction accorded now is subject to the following conditions.

1. Supply is liable to be staggered, restricted, reduced out of altogether, if so warranted by Power fuel shortage or water position or any other emergency.
2. Supply is liable to be disconnected, if used without permission of A.P.C.P.D.C.L. for purpose other than those for which it specifically sanctioned.
3. The proposed power to the premises should not have second service and no arrears pending and no court cases pending.

- 4 The proposed Distribution Transformer should be in side of consumer premises only with necessary clearances and that equipment should not be in traffic movement area. The proposed DTR and its equipments should be erected by maintaining proper horizontal clearances minimum of four feet distance from the building structure.
- 5 In case of non - availability / non provision of space after due inspection and duly satisfying the contentions of the builder / developer the local Divisional Engineer / Operation may permit the developer / builder to provide space for erection of DTR in a closed room subject to providing of fire proof indoor dry type transformer by the builder with necessary cabling etc., at his cost. Access to such room should be provided by the builder separately to the staff of CPDCL.
- 6 There should not be any 11 KV/LT lines passing through from other source of supply in the proposed premises.
- 7 The LT Panel Boards are to be standardized with required protection and housing for meters with sealing arrangements.
- 8 The existing services if any in this premises to be provided in control panel only or that services to be dismantled and properly accounted for.
- 9 The Divisional Engineers (OP) are requested to follow the guide lines given in the Memo. No. CGM/ Comm/DE (C)/AE - 1/F-Release of Services/D. No. 2883/03, dt : 28-11-03 before releasing the services sanctioned in this estimate.
- 10 Furnish approval of CEIG for your electrical installation if multistoried complex height is more than 15 Mts.
- 11 The Divisional Engineers (OP) are requested to release the services of Multi-storied buildings which are greater than Ten Meters (10 Mt) in height, only after receipt of i). the occupancy certificate issued from concerned municipality and ii). No-objection Certificate from A.P.Fire Services Dept. Any Violation of these clause lies with total responsibility of DE/OP.
- 12 The following amounts are to be collected from the consumer.
 - a) Rs. 275,470 Rupees Two Lakh Seventy Five thousand Four hundred Seventy Only towards non-refundable service line charges.
 - b) Rs. 197000 Rupees One Lakh Ninety Seven thousand Only towards non-refundable load development charges.
 - c) Rs. 39,400 Rupees Thirty Nine Thousand Four hundred Only towards Security Deposit Charges

The work order approval will be issued by Divisional Engineers, Concerned subject to budget provision and in accordance with the policy laid down by the A.P.C.P.D.C.L, from time to time.

Work order should be issued only on receipt of a certificate along with W.D. application from the concerned Asst. Divisional Engineer to the effect that necessary payments has been collected.

Against the lump-sum provisions made in the estimate, detailed working estimate should be got approved by the competent authority.

The prospective consumer should give an under taking along with LT Power requisition, in the event of connecting up additional connected load in the premises, in excess of the contracted load.

Encl. : Estimate in the full shape.

Superintending Engineer
Operation Ranga Reddy Circle (North)

To :

The Divisional Engineer/Operation/Habsiguda

Copy to : The Accounts Officer, Expenditure, RR Circle North.

Copy to : The Asst. Divisional Engineers/Operation/Malkajgiri

Copy to : The Asst. Engineer/Operation/Neredmet

Copy submitted to the Chief General Manager/Comm/APCPDCL.

Copy submitted to the Chief General Manager/Operation/Ranga Reddy Zone.

FORWARDED BY ORDER

Asst. Divisional Engineer/Comm.

Operation/RRC (North) Habsiguda

Central Power Distribution Company of Andhra Pradesh

Superintending Engineer
Operation RR Circle North,
Gunrock, Secunderabad - 15.

To

M/s. Modi Ventures
Sy. No. 93, 94 & 95, Block-A, Mallapur
R.R. Dist.

LT. No. SE/O/RRC (N)/Comml./DR. No.945/2007-2008/D.No.4087/07, dt.03-12-07.

Sir,

Sub:- Extension of supply to 2 Nos. 3- Φ each 10 KW Common load, 35 No. 3- Φ each 3 KW Domestic load, & 36 Nos. 1- Φ each 2 KW Domestic loads to M/s. Modi Ventures at Sy. No. 93, 94 & 95, Block-A, Mallapur in Nacharam Section of Habsiguda Sub-division of Habsiguda Division - Estimate sanctioned - Permission for supply of materials and for execution of works by your self on turnkey basis - Accorded - Regarding.

Ref:- 1. Sanction Memo No. SE/O/RRCN/Comml./D. No.4085/07, Dt.03-12-07
3. Representation of Consumer dated

Under the circumstances explained in reference (2) cited, you are permitted to supply the materials COMPLETELY & EXECUTE the works in respect of the scheme sanctioned under reference 2nd cited with the following details.:

- a) Erection of 11 KV Line with 100 Sq mm AAA Conductor over 9.1 Mts PSCC Poles for a distance of 0.01 KM.
- b) Erection of 1 No. 11 KV/433 V 160 KVA CSP DTR with necessary switch gear, SP Structure with Box poles, Plinth & Fencing around.
- c) Erection of 4 No. Metering Panel & 1 No. LT Control Panel.
- d) Laying of LT 3 1/2 Core 120 Sq mm XLPE UG Cable for a distance of 100 Mts.
- e) Effecting of 2 Nos. 3- Φ each 10 KW Common load, 35 No. 3- Φ each 3 KW Domestic load, & 36 Nos. 1- Φ each 2 KW Domestic loads.

The permission now accorded is subject to the following conditions:

1. A licensed electrical contractor under the supervision of the APCPDCL's Officials, should execute the works.
2. The materials used in the works should conform to APCPDCL's Specification.
3. Major materials like distribution transformers, A.B. Switches, H.G. Fuse sets, conductor, structural steel and other materials should be purchased from standard vendors of standard quality and as per latest ISI. The bills/ vouchers of materials purchased should be produced to Divisional Engineer, Operation, Habsiguda.
4. You should hand over all the works executed by you to the APCPDCL's Officials after completion in full shape. The work executed by you shall be taken over by the APCPDCL after statutory inspection of APCPDCL's officials. The installation shall be deemed to be the property of APCPDCL's after such take over. The proposed Distribution Transformer, LT Lines should be in side of consumer premises only.
5. The consumer should provide the LT Panel Boards are to be standardized with required protection and housing for meters with sealing arrangements.
6. The proposed power in the premises should not have 2nd service, arrears to be paid and no court case pending.

Central Power Distribution Company of Andhra Pradesh

The proposed Distribution Transformer should be in side of consumer premises only with necessary clearances and that equipment should not be in traffic movement area. The proposed DTR and its equipments should be erected by maintaining proper horizontal clearances minimum of four feet distance from the building structure.

In case of non-availability / non provision of space after due inspection and duly satisfying the contentions of the builder / developer the local Divisional Engineer / Operation may permit the developer / builder to provide space for erection of DTR in a closed room subject to providing of fire proof indoor dry type transformer by the builder with necessary cabling etc., at his cost. Access to such room should be provided by the builder separately to the staff of CPDCL.

There should not be any 11 KV / LT Lines passing through from other source of supply in the proposed premises.

The existing services if any in this premises to be provided in the meter panel only or that services to be dismantled and properly accounted for.

Furnish approval of CEIG for your electrical installation if multistoried complex height is more than 15 Mts.

You are requested to obtain i). the occupancy certificate issued from concerned municipality and ii). No-objection Certificate from A.P. Fire Services Dept. and submit the same to concerned Asst. Divisional Engineer/Operation for release of services of multi-storied building.

As the existing Power Transformer capacity and DTR Capacity and connected lines and equipment needs enhancement to cater the proposed loads. Hence development charges are being collected.

160 KVA CSP Transformer procured by you should be tested by Divisional Engineer /MRT/Ranga Reddy Circle (North).

i) To pay an amount of Rs. 150010

Rupees One Lakh Fifty thousand Ten Only

Towards 10% Supervision Charges on estimate cost, Balance Development Charges Transformer testing charges and Security Deposit by Demand Draft in favour of Divisional Engineer/Operation/Habsiguda/APCPDCL and handed over to Divisional Engineer/Operation/Habsiguda

DETAILS.		Rs.	
i)	10% of Total estimate cost towards Supervision charges	Rs.	12855
ii)	Balance Development Charges (197,000-133757)	Rs.	63243
iii)	160 KVA CSP Transformer testing charges	Rs.	500
iv)	Security Deposit at the rate of Rs. 200/- KW for domestic, Rs. 800/- KW for non domestic.	Rs.	39400
Total AMOUNT TO BE PAID BY CONSUMER.		Rs.	150008
		Or say	150010

You may contact Divisional Engineer, Operation, Habsiguda for further action in this matter

Yours faithfully,

Superintending Engineer
Operation : RR Circle North

Copy to : The Divisional Engineer/Operation/Habsiguda
Copy to : The Accounts Officer, Expenditure, RR Circle North
Copy to : The Asst. Divisional Engineers/Operation/Malkajiri
Copy to : The Asst. Engineer/Operation/Neredmet
Copy submitted to the Chief General Manager/Conant./APCPDCL.
Copy submitted to the Chief General Manager/Operation/Ranga Reddy Zone.

They are requested to ensure that the works shall be carried out as per the standards set by CPDCL.

STATEMENT FOR SERVICE LINE CHARGES AND DEVELOPMENT CHARGES

Extension of supply to 2 Nos. 3-Φ each 10 KW Common load, 35 No. 3-Φ each 3 KW Domestic load, & 36 Nos. 1-Φ each 2 KW Domestic loads to M/s. Modi Ventures at Sy. No. 93, 94 & 95, Block-A, Mallapur in Nacharam Section of Habsiguda Sub-division of Habsiguda Division in RRC (N) Under Capital Works.

Sl. No.	Description	Units	Qty	Rate	Amount in Rs.
I	Total Cost of the Estimate				488650
ii a)	Less cost of 1st 10 Mts. 11 KV Line @ Rs. 120/- per Metre.	Mts.	10	120	1200
b)	Less cost of 1 No. 160 KVA CSP DTR Distribution Transformer	Nos.	1	135757	135757
c)	Less cost of				
	i) Energy Meters				
	Single Phase Meters	Nos.	36	553	19908
e)	Less cost of				
	ii) 3 Phase 10 - 40 A Energy Meters	Nos.	37	1522	56314
II	Total Expenditure chargeable to CPDCL				213179
				orsay	213180
III	Service line charges to be collected				275470
IV	Development charges to be collected	Services	Nos.	Load in KW	Dev. Charges
a)	Domestic @ Rs. 1000/- per KW	1-Phase	36	2	72000
		3-phase	35	3	105000
		3 phase Common	2	10	20000
				Total	197000
V	Security deposit charges to be collected	Services	Nos.	Load in KW	SD. Charges
a)	Domestic @ Rs. 200/- per KW	1-Phase	36	2	14400
		3-phase	35	3	21000
		3 phase Common	2	10	4000
				Total	39400
VI	Total charges to be collected				511570

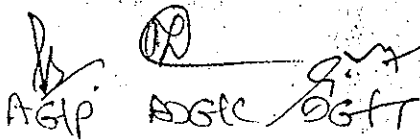
Superintending Engineer
Operation Ranga Reddy Circle (North)

Central Power Distribution Company of Andhra Pradesh I.

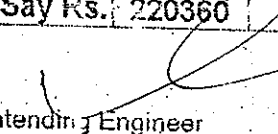
CENTRAL POWER DISTRIBUTION COMPANY OF A.P. LIMITED Operation Ranga Reddy Circle (North) DETAILED ESTIMATE FOR H.T. SYSTEM

Extension of supply to 2 Nos. 3- Φ each 10 KW Common load, 35 No. 3- Φ each 3 KW Domestic load, & 36 Nos. 1- Φ each 2 KW Domestic loads to M/s. Modi Ventures at Sy. No. 93, 94 & 95, Block-A, Mallapur in Nacharam Section of Habsiguda Sub-division of Habsiguda Division in RRC (N) Under Capital Works.

Sl. No.	Particulars	Qty.	Rate		Per	Amount		
			Material	Labour		Material	Labour	
O.H. Lines								
1	11 KV Channel 'X' arms	1	Nos.	329	-	Each	329	-
2	Back Clamps	1	Nos.	73	-	Each	73	-
3	55 Sq. mm. AAA Conductor	0.06	KM.	28769	3287	KM.	1726	66
4	11 KV Disc insulators B & S	3	Nos.	257	-	Each	771	-
Distribution Transformer switch gear.								
1	100 KVA CSP Distribution Transformer 11 KV/433 Volts.	1	No.	136757	2300	Each	136757	2300
2	Single Pole structure with Box Pole (175 X 85 MM (450 Kgs.) of R.S. Joists welded Back to Back. (Including Mass concreting (0.85 Cumt) and pit excavation etc.) 0.85 Cumt	1	No.	14010	2644	Each	14010	2644
3	Construction of Plinth of size 5' X 4' x 8' (4.5 Cumt.).	1	No.	-	8100	Each	-	8100
4	Fencing around Transformer with Size 4.5 Mtr X 4 Mtrs	1	No.	-	5500	Each	-	5500
5	Earthing for Transformer (1Nos. Cast Iron and 2 Nos GI Pipes)	1	No.	-	4730	Each	-	4730
6	11 KV H.G. Fuse set	1	No.	1123	280	Each	1123	280
7	11 KV AB Switch 200 Amps.	1	No.	5911	756	Each	5911	756
8	Supply and erection of A Type Distn. Box LT/HG fuse set including Cable connection for 100 KVA Distribution Transformer and above.	1	No.	5725	600	Each	5725	600
Sub Total Rs.							165425	24976
3% Contingencies							4963	
3% S & H Charges							4963	
Labour & Transport							24976	
10% Estt. General Charges							20033	
Grand Total : Rs.							220359	
Or Say Rs.							220360	



 AGIP ADSC OGFT


 Superintending Engineer
 Operation Ranga Reddy Circle (North)

Central Power Distribution Company of Andhra Pradesh

CENTRAL POWER DISTRIBUTION COMPANY OF A.P. LIMITED

Operation Ranga Reddy Circle (North)

DETAILED ESTIMATE FOR L.T. SYSTEM

Extension of supply to 2 Nos. 3- Φ each 10 KW Common load, 35 No. 3- Φ each 3 KW Domestic load, & 36 Nos. 1- Φ each 2 KW Domestic loads to M/s. Modi Ventures at Sy. No. 93, 94 & 95, Block-A, Mallapur in Nacharam Section of Habsiguda Sub-division of Habsiguda Division in RRC (N) Under Capital Works.

S. No.	Particulars	Qty.		Rate		Per	Amount	
				Material	Labour		Material	Labour
1	Distribution Cables & Control Boards							
a)	P.V.C. Cable 120 Sq. mm. 3 1/2 Core XLPE UG Cable	100	Mts.	215	160	Mts.	21500	16000
b)	Jointing Material	1	Nos.	500	250	Each	500	250
2	L.T. Switch gear Installation							
	L.T. Control Panel with 400 A 3 Phase MCB's for incoming cables and 4 No. 100A MCB for out going cables Protection	1	No.	8000	800	Each	8000	800
2	L.T. Metering Panels							
a)	L.T. Control cum Metering Panel with MCCB for incoming protection and provision to MCCB's for out going protections to accommodating 18Nos 1 - Phase meters with proper sealing arrangements.	2	No.	18000	1800	Each	36000	3600
b)	L.T. Control cum Metering Panel with MCCB for incoming protection and provision to MCCB's for out going protections to accommodating 19 Nos 3 - Phase meters with proper sealing arrangements.	2	No.	23000	2300	Each	46000	4600
b)	3 Phase MCB's	37	Nos.	326	20	Each	12025	740
c)	Single Phase MCB's	36	Nos.	80	10	Each	2880	360
3 a)	3 Phase 10 - 40 A Energy Meter (high quality)	37	Nos.	1522	65	Each	56314	2405
b)	Single Phase 5-20 A Energy Meters (high quality)	36	Nos.	553	45	Each	19908	1620
Sub Total Rs.							203127	30875
3% Contingencies							6094	
3% S & H Charges							3807	
Labour & Transport							30875	
10% Estt. General Charges							24390	
Grand Total : Rs.							268293	
Or Say Rs.							268290	

ABSTRACT

Total of H.T.	Rs.	220360
Total of L.T.	Rs.	268290
Total Cost of Estimate Total	Rs.	488650

Prepared by: _____

D.

(Signature)

(Signature)

Draft for approval
CENTRAL POWER DISTRIBUTION COMPANY OF A.P.LTD.

From

To

Superintending Engineer
Operation RR Circle North,
Gunrock, Secunderabad - 15.

M/s. Modi Ventures,
Sy.No.93,94&95, B-Block,
Surya Nagar, Mallapur.

L. No. SE/O/RRC (N)/Coml./F. Turnkey Permission/D.No. SAW/06, dt. 31-03-07.

Sir,

Sub :- Estimate for extension of supply to 1 No.3-Ph 10 KW Non-Domestic load, 45 Nos. 3-Ph each 3 KW load and 45 Nos. 1-Ph each 2 KW domestic load to M/s. Modi Ventures, at Sy.No.93,94 & 95, B-Block, Surya Nagar in Mallapur in Nacharam Section of Habsiguda Sub-division of Habsiguda Division. - Permission for supply of materials and for execution of works by your self on turnkey basis - Accorded - Regarding.

Ref :- 1. Memo.No. CGM/Op/RRZone/Hyd/C&P/D.No.2376/06-07, DL28-03-07.
2. Representation of Consumer dated.28-03-07.

Under the circumstances explained in reference (2) cited, you are permitted to supply the materials COMPLETELY & EXECUTE the works in respect of the scheme sanctioned under reference 2nd cited with the following details :

- a) Erection of 11 KV line with 55 Sqmm AAA Conductor over existing 9.1 Mt. PSCC Pole for a distance of 0.04 KM.
- b) Erection of 1 No. 3-Ph 160 KVA 11 KV/433 V CSP Distribution Transformer with necessary mounting arrangements with plinth & fencing.
- c) Laying of LT 3 1/2 core 120 Sqmm XLPE power cable for a distance of 100 Mt.
- d) Erection of 2 Nos. LT Control panels & 4 Nos. metering panel boards.
- e) Effecting of release of supply to 1 No.3-Ph 10 KW Non-Domestic load, 45 Nos. 3-Ph each 3 KW load and 45 Nos. 1-Ph each 2 KW domestic load

The permission now accorded is subject to the following conditions:

- 1 A licensed electrical contractor under the supervision of the APCPDCL's Officials, should execute the works.
- 2 The materials used in the works should conform to APCPDCL's Specification.
- 3 Major materials like distribution transformers, A.B. Switches, H.G. Fuse sets, conductor, structural steel and other materials should be purchased from standard vendors of standard quality and as per latest ISI. The bills/ vouchers of materials purchased should be produced to Divisional Engineer, Operation, Habsiguda.
- 4 You should hand over all the works executed by you to the APCPDCL's Officials after completion in full shape. The work executed by you shall be taken over by the APCPDCL after statutory inspection of APCPDCL's officials. The installation shall be deemed to be the property of APCPDCL's after such take over. The proposed Distribution Transformer, LT Lines should be in side of consumer premises only.
- 5 The consumer should provide the LT Panel Boards are to be standardized with required protection and housing for meters with sealing arrangements.
- 6 The proposed power in the premises should not have 2nd service, arrears to be paid and no court case pending.

The proposed Distribution Transformer LT Lines should be in side of consumer premises only with necessary clearances and that equipment should not be in traffic movement area. The proposed DTR and its equipments should be erected by maintaining proper horizontal clearances minimum of four feet distance from the building structure.

In case of non - availability / non provision of space after due inspection and duly satisfying the contentions of the builder / developer the local Divisional Engineer / Operation may permit the developer / builder to provide space for erection of DTR in a closed room subject to providing of fire proof indoor dry type transformer by the builder with necessary cabling etc., at his cost. Access to such room should be provided by the builder separately to the staff of CPDCL.

- 9 There should not be any 11 KV / LT Lines passing through from other source of supply in the proposed premises.
- 10 The existing services if any in this premises to be provided in the metering panel only or that services to be dismantled and properly accounted for.
- 11 Furnish approval of CEIG for your electrical installation if multistoried complex height is more than 15 Mts.
- 12 As the existing Power Transformer capacity and DTR Capacity and connected lines and equipment needs enhancement to cater the proposed loads. Hence development charges are being collected
- 13 160 KVA CSP Transformer procured by you should be tested by Divisional Engineer (MRT/Ranga Reddy Circle (North)).

i) To pay an amount of **Rs. 206570 /-** Rupees Two Lakh Six thousand Five hundred Seventy Only

Towards 10% Supervision Charges on estimate cost, Balance Development Charges Transformer testing charges and Security Deposit by Demand Draft in favour of Divisional Engineer/Operation/Habsiguda APCPDCL and handed over to Divisional Engineer/Operation/Habsiguda

DETAILS.

i)	10% of Total estimate cost towards Supervision charges	Rs.	56183
ii)	Balance Development Charges (225 KW x Rs.1000/- + 10 KW x Rs.2000/- = Rs.2,45,000/- - Rs.1,48,115/- = Rs.96,885/-)	Rs.	96885
iii)	160 KVA CSP Transformer testing charges	Rs.	500
iv)	Security Deposit @ of Rs. 200/- per KW for Domestic, Rs.800/- per PWS & Street lighting.	Rs.	53000
Total AMOUNT TO BE PAID BY CONSUMER		Rs.	206568
		Or say	206570

You may contact Divisional Engineer, Operation Habsiguda for further action in this matter.

Yours faithfully,

[Signature]
 AE/P AE/c DE/r
 Superintending Engineer
 Operation : RR Circle North

- Copy to The Divisional Engineer, Operation/Habsiguda
- Copy to The Accounts Officer, Expenditure, RR Circle North
- Copy to The Asst. Divisional Engineers/Operation/Habsiguda
- Copy to The Asst. Engineer/Operation/Nacharam
- Copy submitted to the Chief General Manager/Control/APCPDCL
- Copy submitted to the Chief General Manager/Operation/Ranga Reddy Zone.

They are requested to ensure that the works shall be carried out as per the standards set by CPDCL & Departmental material shall not be utilized.

Office of
The Superintending Engineer
Operation RR Circle North,
Gunrock, Secunderabad.

Sanction Memo No. SE/O/RRC(N) Coml./DR. No.527 /06-07/D. No.5048 /06. date22-09-06.

Sub - Electricity, Operation, Kanga Reddy Circle (North) - Extension of supply to 1 Nos 3-phase
Domestic Loads to M/s Modi Ventures at Sy.No 93,94,&95, Shakthi Nagar, Mallapur in
Nacharam Section of Habsiguda Sub-Division of Habsiguda Division in RRC (N).
Estimate Sanctioned - Reg.

Ref:- 1) Lr No. DEE/OP/Habsiguda /Comml./D. No 3849/06,date 9-09-06.
2) Memo No.CGM/Comml./DE(C)/ADE4/F-Multistoried/D.No.4156/06, Dt.04-02-06.

The Superintending Engineer, Operation, Ranga Reddy Circle North administratively approves the proposal
for Extension of supply to 1 Nos.3-phase each 10 KW, 20 Nos 3-Ph each 3 KW, 20 Nos 1-Ph each 2 KW
& 25 Nos 1-Ph each 1 KW Domestic Loads to M/s Modi Ventures at Sy.No 93,94,&95, Shakthi Nagar,
Mallapur in Nacharam Section of Habsiguda Sub-Division of Habsiguda Division in RRC (N) and accords
sanction for an amount of

Rs. 390,140 Rupees Three Lakh Ninety thousand One hundred Forty Only
towards expenditure as per the detailed estimate enclosed.

The estimate is technically sanctioned and registered as D.R. No.527of 2006-2007.

CHARGEABLE TO CAPITAL :

Rs.			
A.	A.P.C.P.D.C.L's Side	Rs.	139,990
B.	Consumer's Side	Rs.	250,150
C.	TOTAL	Rs.	390,140

The classification of expenditure is given below :

A.P.C.P.D.C.L. - Capital out lay on electricity scheme - E. Arrears (B) Expenditure (3) Distribution System
(Excluding S.S.) F. Distribution Plant (High Voltage) D. Distribution Plant (Medium and Low voltage).

A.P.C.P.D.C.L. - Capital out lay on Electricity Scheme -- E.H. Arrears B-12 suspense stock.

The sanction accorded now is subject to the following conditions.

- 1 Supply is liable to be staggered, restricted, reduced out of altogether, if so warranted by Power fuel shortage or water position or any other emergency.
- 2 Supply is liable to be disconnected, if used without permission of A.P.C.P.D.C.L. for purpose other than those for which it specifically sanctioned.
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- 4 The proposed Distribution Transformer LT Lines should be in side of consumer premises only with necessary clearances and that equipment should not be in traffic movement area. The proposed DTR and its equipments should be erected by maintaining proper horizontal clearances minimum of four feet distance from the building structure.
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Central Power Distribution Company of Andhra Pradesh

6. There should not be any 11 KV/LT lines passing through from other source of supply in the proposed premises.
7. The LT Panel Boards are to be standardized with required protection and housing for meters with sealing arrangements.
8. The existing services if any in this premises to be provided in control panel only or that services to be dismantled and properly accounted for.
9. The Divisional Engineers (OP) are requested to follow the guide lines given in the Memo. No. CGM/ Comm/DE (C)/AE - 1/F-Release of Services/D. No. 2883/03, dt : 28-11-03 before releasing the services sanctioned in this estimate.
10. The Asst. Divisional Engineers (OP) are requested to release the services of Multi-storied buildings only after receipt of i). the occupancy certificate issued from concerned municipality and ii). No-objection Certificate from A.P.Fire Services Dept.
11. The following amounts are to be collected from the consumer.
- a) Rs. 250,150 Rupees Two Lakh Fifty thousand One hundred Fifty Only towards non-refundable service line charges.
- b) Rs. 135000 Rupees One Lakh Thirty Five thousand Only towards non-refundable load development charges.
- c) Rs. 27,000 Rupees Twenty Seven Thousand Only towards Security Deposit Charges

The work order approval will be issued by Divisional Engineers, Concerned subject to budget provision and in accordance with the policy laid down by the A.P.C.P.D.C.L, from time to time.

Work order should be issued only on receipt of a certificate along with W.O. application from the concerned Asst. Divisional Engineer to the effect that necessary payments has been collected.

Against the lump-sum provisions made in the estimate, detailed working estimate should be got approved by the competent authority.

The prospective consumer should give an under taking along with LT Power requisition, in the event of connecting up additional connected load in the premises, in excess of the contracted load.

Encl. : Estimate in the full shape.

S.R.
Superintending Engineer
Operation Ranga Reddy Circle (North)

To

The Divisional Engineer/Operation/Habsiguda

Copy to : The Accounts Officer, Expenditure, RR Circle North.

Copy to : The Asst. Divisional Engineers/Operation/Habsiguda

Copy to : The Asst. Engineer/Operation/Nachram

Copy submitted to the Chief General Manager/Comm/APCPDCL.

Copy submitted to the Chief General Manager/Operation/Ranga Reddy Zone.

FORWARDED BY ORDER

[Signature]
Asst. Divisional Engineer/Comm.
Operation: RRC (North), Secunderabad.



Central Power Distribution Company of Andhra Pradesh
CENTRAL POWER DISTRIBUTION COMPANY OF A.P.LTD.

Superintending Engineer
Operation RR Circle North,
Gunrock, Secunderabad - 15.

To
M/s Modi Ventures,
Sy.No 93,94,&95,
Shakthi Nagar, Mallapur

Lr. No. SE/O/RRC (N)/Coml./DR. No.527/2006-2007/D.No.5049/06, dt22-09-06.

Sir,

Sub :- Extension of supply to 1 Nos.3-phase each 10 KW, 20 Nos. 3-Ph each 3 KW, 20 Nos 1-Ph each 2 KW & 25 Nos 1-Ph each 1 KW Domestic Loads to M/s Modi Ventures at Sy.No 93,94,&95, Shakthi Nagar, Mallapur in Nacharam Section of Habsiguda Sub-Division of Habsiguda Division in RRC (N). - Estimate sanctioned - Permission for supply of materials and for execution of works by your self on turnkey basis - Accorded - Regarding

1. Sanction Memo No. SE/O/RRCN/Comml./D. No.5048/06, Dt.22-09-06
2. Memo No.CGM/Comml./DE(C)/ADH4/E-Multistoried/D.No.4156/06, Dt.04-02-06.
3. Memo No.CMD/Dir(Op)/SE(O&M)/DE(O&M)/T- /724, Dt.23-06-06
4. Representation of Consumer dated - - - - -06

Under the circumstances explained in reference (2) cited, you are permitted to supply the materials COMPLETELY & EXECUTE the works in respect of the scheme sanctioned under reference 2nd cited with the following details:

- a) Erection of 11 KV Line with 55 Sqmm AAA Conductor Over 9.1 Mts PSCC Poles for a distance of 0.35 KM at a span of 50 Mts.
- b) Erection of 1 No.11 KV/433 V 100 KVA DTR with necessary switch gear, SP Structure with Box poles, Plinth & Fencing around.
- c) Laying of 3 1/2 core 120 Sqmm XLPE Power Cable for a distance of 50 Mt.
- d) Erection of Metering & Control Panel.
- e) Effecting of 1 Nos.3-phase each 10 KW, 20 Nos. 3-Ph each 3 KW, 20 Nos 1-Ph each 2 KW & 25 Nos 1-Ph each 1 KW Domestic Loads.

The permission now accorded is subject to the following conditions:

1. A licensed electrical contractor under the supervision of the APCPDCL's Officials, should execute the works.
2. The materials used in the works should conform to APCPDCL's Specification.
3. Major materials like distribution transformers, A.B. Switches, H.G. Fuse sets, conductor, structural steel and other materials should be purchased from standard vendors of standard quality and as per latest ISI. The bills/ vouchers of materials purchased should be produced to Divisional Engineer, Operation, Habsiguda.
4. You should hand over all the works executed by you to the APCPDCL's Officials after completion in full shape. The work executed by you shall be taken over by the APCPDCL after statutory inspection of APCPDCL's officials. The installation shall be deemed to be the property of APCPDCL's after such take over. The proposed Distribution Transformer, LT Lines should be in side of consumer premises only.
5. The consumer should provide the LT Panel Boards are to be standardized with required protection and housing for meters with sealing arrangements.
6. The proposed power in the premises should not have 2nd service, arrears to be paid and no court case pending.

The proposed Distribution Transformer LT Lines should be in side of consumer premises only with necessary clearances and that equipment should not be in traffic movement area. The proposed DTR and its equipments should be erected by maintaining proper horizontal clearances minimum of four feet distance from the building structure.

- 8 In case of non - availability / non provision of space after due inspection and duly satisfying the contentions of the builder / developer the local Divisional Engineer / Operation may permit the developer / builder to provide space for erection of DTR in a closed room subject to providing of fire proof indoor dry type transformer by the builder with necessary cabling etc., at his cost. Access to such room should be provided by the builder separately to the staff of CPDCL.
- 9 There should not be any 11 KV / LT Lines passing through from other source of supply in the proposed premises.
- 10 The existing services if any in this premises to be provided in the metering panel only or that services to be dismantled and properly accounted for.
- 11 Furnish approval of CEIG for your electrical installation if multistoried complex height is more than 15 Mts.
- 12 You are requested to obtain i). the occupancy certificate issued from concerned municipality and ii). No-objection Certificate from A.P.Fire Services Dept. and submit the same to concerned Divisional Engineer/Operation for release of services of multi-storied building.
- 13 As the existing Power Transformer capacity and DTR Capacity and connected lines and equipment needs enhancement to cater the proposed loads. Hence development charges are being collected.
- 14 100 KVA CSP Transformer procured by you should be tested by Divisional Engineer /MRT/Ranga Reddy Circle (North).

i) To pay an amount of Rs. 133590 **Rupées One Lakh Thirty Three thousand Five hundred Ninety Only**

Towards 10% Supervision Charges on estimate cost, Balance Development Charges Transformer testing charges and Security Deposit by Demand Draft in favour of Divisional Engineer/Operation/Habsiguda APCPDCL and handed over to Divisional Engineer/Operation/Habsiguda

<u>DETAILS.</u>			
i)	10% of Total estimate cost towards Supervision charges	Rs.	39014
ii)	Balance Development Charges (1,35,000-67925)	Rs.	67075
iii)	100 KVA CSP Transformer testing charges	Rs.	500
iv)	Security Deposit at the rate of Rs. 200/- KW for domestic, Rs. 800/-	Rs.	27000
Total AMOUNT TO BE PAID BY CONSUMER.		Rs.	133589
			Or say 133590

You may contact Divisional Engineer, Operation, Habsiguda for further action in this matter.

Yours faithfully,

Superintending Engineer
Operation : RR Circle North

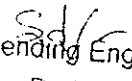
Copy to : The Divisional Engineer/Operation/Habsiguda
Copy to : The Accounts Officer, Expenditure, RR Circle North.
Copy to : The Asst. Divisional Engineers/Operation/Habsiguda
Copy to : The Asst. Engr.

They are requested to ensure that the works shall be carried out as

STATEMENT FOR SERVICE LINE CHARGES AND DEVELOPMENT CHARGES

Extension of supply to 1 Nos.3-phase each 10 KW, 20 Nos 3-Ph each 3 KW, 20 Nos 1-Ph each 2 KW & 25 Nos 1-Ph each 1 KW Domestic Loads to M/s Modi Ventures at Sy.No 93,94,&95, Shakthi Nagar, Mallapur in Nacharam Section of Habsiguda Sub-Division of Habsiguda Division in RRC (N).

Sl. No.	Description	Units	Qty	Rate (Rs.)	Amount (Rs.)
I	Total Cost of the Estimate				
II a)	Less cost of 1st 30.48 Mts.	Mts.	30.48	120	390140
	11 KV Line @ Rs. 120/- per Metre				3658
b)	Less cost of 1 No. 100 KVA CSP DTR + SP Structure+ HG Fuse + AB Switch	Nos.	1	79755	79755
c)	Less cost of				
	i) Energy Meters				
	Single Phase Meters	Nos.	45	602	27090
d)	Less cost of				
	i) 3 Phase 10 - 40 A Energy Meters	Nos.	21	1404	29484
III	Total Expenditure chargeable to CPDCL				139967
				or say	139990
IV	Service line charges to be collected				250150
V	Development charges to be collected	Services	Nos.	Load in KW	Dev. Charges
a)	Domestic @ Rs. 1000/- per KW	3 phase	20	3	60000
		1 phase	20	2	40000
		3 phase Common	1	10	10000
		1 phase	25	1	25000
VI	Security deposit charges to be collected	Services	Nos.	Load in KW	Sec. Charges
a)	Domestic @ Rs. 200/- per KW	3 phase	20	3	12000
		1 phase	20	2	8000
		3 phase Common	1	10	2000
		1 phase	25	1	5000
VII	Total charges to be collected				412150


 Superintending Engineer
 Operation Ranga Reddy Circle (North)
 Page 1
 Modi Ventures

Central Power Distribution Company of Andhra Pradesh

REPORT TO ACCOMPANY THE ESTIMATE

1. **GENERAL:** The proposal is for extension of supply to 1 No. 3-Ph. 10KW, 20 No's 3-Ph each 3KW, 20 No's S-Ph each 2KW & 25 Nos. S-Ph each 1KW Domestic loads to M/s. Modi Ventures at Sy.No.93, 94 & 95 Shakti Sai Nagar Mallapur in Nacharam section.
2. **POINT OF SUPPLY:** Supply to the proposed loads will be extended as shown in the sketch.
3. **MAIN FEATURES:** The proposal involves erection of the following:
 - a. Erection of 0.35KM 11KV line with 55Sq.mm AAA conductor on 7 Nos 9.1 Mts PSCC pole with a span of 50Mts.
 - b. Erection of 1 No. 100 KVA Distribution Transformer with necessary Switchgears.
 - c. Erection of metering panel with necessary cables.

4. **POWER TRANSFORMER CAPACITY:** The existing power transformer capacity at 33/11KV Mallapur sub-station is 10 MVA with 2 Nos. 5MVA power transformers.

1	Existing loads	488 KVA
2	Already sanctioned loads	426 KVA
3	Already proposed loads	426 KVA
4	Now proposed loads	100 KVA
Total		8440 KVA

Demand on the Sub-station with D.F. of 1.5 will be 5627 KVA. Hence the Power Transformer capacity is quite adequate to cater the now proposed load together with the existing loads.

5. **CAPITAL COST AND REVENUE RETURN:** The capital cost of the scheme works out to Rs. ~~3,90,140~~ /- and it is self-remunerative.

3. **H.T. REGULATION:** The regulation of 11KV Noma feeder has been calculated and found satisfactory.

[Signature]
Divisional Engineer Electrical
Operation CPDCL Habsiguda,

[Signature]
Asst. Divisional Engineer Electrical
Operation, APCPDCL, Habsiguda

[Signature]
Assistant Engineer
Operation APCPDCL

[Signature]
Asst. P

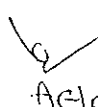


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Asst. C


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Asst. T

DETAILED ESTIMATE FOR H.T. SYSTEM

Extension of supply to 1 Nos. 3-phase each 10 KW, 20 Nos 3-Ph each 3 KW, 20 Nos 1-Ph each 2 KW & 25 Nos 1-Ph each 1 KW Domestic Loads to M/s Modi Ventures at Sy.No 93,94,&95, Shakthi Nagar, Mallapur in Nacharam Section of Habsiguda Sub-Division of Habsiguda Division in RRC (N).

Sl. No.	Particulars	Qty.		Rate (Rs.)		Per	Amount (Rs.)	
				Material	Labour		Material	Labour
O.H. Lines								
1	9.1 Mts. PSCC Poles	7	Nos.	1628	1186	Each	11396	8302
2	11 KV Channel 'X' arms	9	Nos.	330	-	Each	2970	-
5	100 Sq. mm. AAA Conductor	1.05	KM.	22647	3287	KM.	23779	1150
6	11 KV Pin Insulators with pins	21	Nos.	62	-	Each	1302	-
7	11 KV Disc Insulators B & S	6	Nos.	253	-	Each	1518	-
8	Mass Concreting of Poles (Including cost of concrete, sand and cement etc.)	7	Nos.	-	1033	Each	-	7231
10	100 KVA CSP Distribution Transformer 11 KV/433 Volts.	1	No.	67925	2176	Each	67925	2176
11	Single Pole structure with Box Pole of R.S. Joists welded Back to Back. (Including concreting and pit excavation etc.)	1	No.	14520	2644	Each	14520	2644
12	Plinth of standard size and fencing if necessary.	1	No.	-	10000	Each	-	10000
13	Fencing around Transformer	1	No.	-	5500	Each	-	5500
14	Earthing for Transformer (1No. Cast Iron and 2 Nos. GI Pipes)	1	No.	-	4730	Each	-	4730
15	11 KV H.G. Fuse set	1	No.	1230	389	Each	1230	389
16	11 KV AB Switch 200 Amps.	1	No.	4398	848	Each	4398	848
17	Installation of Distn. Box LT/HG fuse sets including Cable connection.	1	No.	5375	600	Each	5375	600
Sub Total Rs.							134413	43570
3% Contingencies							4032	
3% S & H Charges							4032	
Labour & Transport							43570	
10% Estt. General Charges							18605	
Grand Total : Rs.							204653	
Or Say Rs.							204650	

 AC/P
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 DELT


 Superintending Engineer
 Operation Ranga Reddy Circle (North)

Modi Ventures

Operation Ranga Reddy Circle (North)
DETAILED ESTIMATE FOR L.T. SYSTEM

Extension of supply to 1 Nos.3-phase each 10 KW, 20 Nos 3-Ph each 3 KW, 20 Nos 1-Ph each 2 KW & 25 Nos 1-Ph each 1 KW Domestic Loads to M/s Modi Ventures at Sy.No 93,94,&95, Shakthi Nagar, Mallapur in Nacharam Section of Habsiguda Sub-Division of Habsiguda Division in RRC (N).

Sl. No.	Particulars	Qty.		Rate (Rs.)		Per	Amount (Rs.)	
				Material	Labour		Material	Labour
1	Distribution Cables & Control Boards							
a)	L.T. 120 Sq. mm. 3 1/2 Core XLPE UG Cable	50	Mts	215	165	Mts	10750	8250
2	L.T. Switch gear Installation							
a)	LT Control Panel with 200 A 3 Phase MCB's for incoming cables and outgoing cables	1	No.	5000	500	Each	5000	500
3	L.T. Metering Panels							
a)	L.T. Metering Panel with 200 A 3 Phase MCB's for accommodating 3 Phase meters.	3	Nos	20000	2000	Each	60000	6000
b)	3 Phase MCB's	21	No.	325	20	Each	6825	420
c)	Single Phase MCB's	45	Nos	80	10	Each	3600	450
4 a)	3 Phase 10 - 40 A Energy Meter (high quality)	21	No.	1404	65	Each	29484	1365
b)	Single Phase 5-20 A Energy Meters (high quality)	45	Nos	602	45	Each	27090	2025
Sub Total Rs.							142749	19010
3% Contingencies							4282	
3% S & H Charges							2585	
Labour & Transport							19010	
10% Est. General Charges							16863	
Grand Total Rs.							185489	
Or Say Rs.							185490	

ABSTRACT

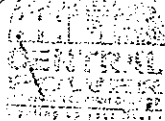
Total of H.T.	Rs.	204650
Total of L.T.	Rs.	185490
Total Cost of Estimate Total	Rs.	390140

AGP

ADST

DEIT

Superintending Engineer
 Operation Ranga Reddy Circle (North)



Office of
The Superintending Engineer
Operation RR Circle North,
Gunrock, Secunderabad.

Sanction Memo No. SE/O/RRC(N) Coml./DR. No.527 /06-07/D. No.5048 /06, date 22-09-06.

Sub :- Electricity, Operation, Kanga Reddy Circle (North) – Extension of supply to 1 Nos.3-phase Domestic Loads to M/s Modi Ventures at Sy.No 93,94,&95, Shakthi Nagar, Mallapur in Nacharam Section of Habsiguda Sub-Division of Habsiguda Division in RRC (N).
Estimate Sanctioned - Reg.

Ref :- 1) Lr No. DEE/OP/Habsiguda /Comml./D. No 3849/06, date 9-09-06.
2) Memo No. CGM/Comml./DE(C)/ADE4/T-Multistoried/D.No.4156/06, Dt.04-02-06.

The Superintending Engineer, Operation, Kanga Reddy Circle North administratively approves the proposal for Extension of supply to 1 Nos.3-phase each 10 KW, 20 Nos 3-Ph each 3 KW, 20 Nos 1-Ph each 2 KW & 25 Nos 1-Ph each 1 KW Domestic Loads to M/s Modi Ventures at Sy.No 93,94,&95, Shakthi Nagar, Mallapur in Nacharam Section of Habsiguda Sub-Division of Habsiguda Division in RRC (N) and accords sanction for an amount of

Rs. 390,140 Rupees Three Lakh Ninety thousand One hundred Forty Only

towards expenditure as per the detailed estimate enclosed.

The estimate is technically sanctioned and registered as D.R. No.527 of 2006-2007.

CHARGEABLE TO CAPITAL :

Rs.			
A.	A.P.C.P.D.C.L.'s Side	Rs.	139,990
B.	Consumer's Side	Rs.	250,150
C.	TOTAL	Rs.	390,140

The classification of expenditure is given below :

A.P.C.P.D.C.L. – Capital out lay on electricity scheme – E. Arrears (B) Expenditure (3) Distribution System (Excluding S.S.) F. Distribution Plant (High Voltage) D. Distribution Plant (Medium and Low voltage).

A.P.C.P.D.C.L. – Capital out lay on Electricity Scheme – E.H. Arrears B-12 suspense stock.

The sanction accorded now is subject to the following conditions.

1. Supply is liable to be staggered, restricted, reduced out of altogether, if so warranted by Power fuel shortage or water position or any other emergency.
2. Supply is liable to be disconnected, if used without permission of A.P.C.P.D.C.L. for purpose other than those for which it specifically sanctioned.
3. The proposed power to the premises should not have second service and no arrears pending and no court cases pending.
4. The proposed Distribution Transformer LT Lines should be in side of consumer premises only with necessary clearances and that equipment should not be in traffic movement area. The proposed DTR and its equipments should be erected by maintaining proper horizontal clearances minimum of four feet distance from the building structure.
5. In case of non - availability / non provision of space after due inspection and duly satisfying the contentions of the builder / developer the local Divisional Engineer / Operation may permit the developer / builder to provide space for erection of DTR in a closed room subject to providing of fire proof indoor dry type transformer by the builder with necessary cabling etc., at his cost. Access to such room should be provided by the builder separately to the staff of CPDCL.

Central Power Distribution Company of Andhra Pradesh

6. There should not be any 11 KV/LT lines passing through from other source of supply in the proposed premises.

7. The LT Panel Boards are to be standardized with required protection and housing for meters with sealing arrangements.

8. The existing services if any in this premises to be provided in control panel only or that services to be dismantled and properly accounted for.

9. The Divisional Engineers (OP) are requested to follow the guide lines given in the Memo. No. CGM/ Comm/DE (C)/AE - 1/F-Release of Services/D. No. 2883/03, dt : 28-11-03 before releasing the services sanctioned in this estimate.

10. The Asst. Divisional Engineers (OP) are requested to release the services of Multi-storied buildings only after receipt of i). the occupancy certificate issued from concerned municipality and ii). No-objection Certificate from A.P.Fire Services Dept.

11. The following amounts are to be collected from the consumer.

- a) Rs. 250,150 Rupees Two Lakh Fifty thousand One hundred Fifty Only towards non-refundable service line charges.
- b) Rs. 135000 Rupees One Lakh Thirty Five thousand Only towards non-refundable load development charges.
- c) Rs. 27,000 Rupees Twenty Seven Thousand Only towards Security Deposit Charges

The work order approval will be issued by Divisional Engineers, Concerned subject to budget provision and in accordance with the policy laid down by the A.P.C.P.D.C.L, from time to time.

Work order should be issued only on receipt of a certificate along with W.O. application from the concerned Asst. Divisional Engineer to the effect that necessary payments has been collected.

Against the lamp-sum provisions made in the estimate, detailed working estimate should be got approved by the competent authority.

The prospective consumer should give an under taking along with LT Power requisition, in the event of connecting up additional connected load in the premises, in excess of the contracted load.

Encl. : Estimate in the full shape.

Superintending Engineer
Operation Ranga Reddy Circle (North)

To

The Divisional Engineer/Operation/Habsiguda
Copy to : The Accounts Officer, Expenditure, RR Circle North.

Copy to : The Asst. Divisional Engineers/Operation/Habsiguda

Copy to : The Asst. Engineer/Operation/Nachram

Copy submitted to the Chief General Manager/Comm/PCPDCL.

Copy submitted to the Chief General Manager/Operation/Ranga Reddy Zone.

FORWARDED BY ORDER

Asst. Divisional Engineer/Comm.
Operation: RRC (North), Secunderabad.



Central Power Distribution Company of Andhra Pradesh
CENTRAL POWER DISTRIBUTION COMPANY OF A.P.LTD.

Superintending Engineer
 Operation RR Circle North
 Gunrock, Secunderabad - 15.

To
 M/s Modi Ventures,
 Sy.No 93,94,&95,
 Shakthi Nagar, Mallapur

Lr. No. SE/O/RRC (N)/Coml./DR. No.527 /2006-2007/D.No.5049 /06 . dt.22-09-06.

Sir,

Sub :- Extension of supply to 1 Nos.3-phase each 10 KW, 20 Nos. 3-Ph each 3 KW, 20 Nos 1-Ph each 2 KW & 25 Nos 1-Ph each 1 KW Domestic Loads to M/s Modi Ventures at Sy.No 93,94,&95, Shakthi Nagar, Mallapur in Nacharam Section of Habsiguda Sub-Division of Habsiguda Division in RRC (N). - Estimate sanctioned - Permission for supply of materials and for execution of works by your self on turnkey basis - Accorded - Regarding

1. Sanction Memo No. SE/O/RRCN/Comml./D No.5048/06, Dt.22-09-06
2. Memo No.CGM/Comml./DE(C)/ADB4/F-Multistoried/D No.4156/06, Dt.04-02-06.
3. Memo No.CMD/Dir(Op)/SE(O&M)/DE(O&M)/F- /724, Dt.23-06-06
4. Representation of Consumer dated -06

Under the circumstances explained in reference (2) cited, you are permitted to supply the materials **COMPLETELY & EXECUTE** the works in respect of the scheme sanctioned under reference 2nd cited with the following details:

- a) Erection of 11 KV Line with 55 Sqmm AAA Conductor Over 9.1 Mts PSCC Poles for a distance of 0.35 KM at a span of 50 Mts.
- b) Erection of 1 No.11 KV/433 V 100 KVA DTR with necessary switch gear, SP Structure with Box poles, Plinth & Fencing around.
- c) Laying of 3 1/2 core 120 Sqmm XLPE Power Cable for a distance of 50 Mt.
- d) Erection of Metering & Control Panel.
- e) Effecting of 1 Nos.3-phase each 10 KW, 20 Nos. 3-Ph each 3 KW, 20 Nos 1-Ph each 2 KW & 25 Nos 1-Ph each 1 KW Domestic Loads.

The permission now accorded is subject to the following conditions:

1. A licensed electrical contractor under the supervision of the APCPDCL's Officials, should execute the works.
2. The materials used in the works should confirm to APCPDCL's Specification.
3. Major materials like distribution transformers, A.B. Switches, H.G. Fuse sets, conductor, structural steel and other materials should be purchased from standard vendors of standard quality and as per latest ISI. The bills/ vouchers of materials purchased should be produced to Divisional Engineer, Operation, Habsiguda.
4. You should hand over all the works executed by you to the APCPDCL's Officials after completion in full shape. The work executed by you shall be taken over by the APCPDCL after statutory inspection of APCPDCL's officials. The installation shall be deemed to be the property of APCPDCL's after such take over. The proposed Distribution Transformer, LT Lines should be in side of consumer premises only.
5. The consumer should provide the LT Panel Boards are to be standardized with required protection and housing for meters with sealing arrangements.
6. The proposed power in the premises should not have 2nd service, arrears to be paid and no court case pending.

CENTRAL

The proposed Distribution Transformer LT Lines should be in side of consumer premises only with necessary clearances and that equipment should not be in traffic movement area. The proposed DTR and its equipments should be erected by maintaining proper horizontal clearances minimum of four feet distance from the building structure.

- 8 In case of non - availability / non provision of space after due inspection and duly satisfying the contentions of the builder / developer the local Divisional Engineer / Operation may permit the developer / builder to provide space for erection of DTR in a closed room subject to providing of fire proof indoor dry type transformer by the builder with necessary cabling etc., at his cost. Access to such room should be provided by the builder separately to the staff of CPDCL.
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- 10 The existing services if any in this premises to be provided in the metering panel only or that services to be dismantled and properly accounted for.
- 11 Furnish approval of CEIG for your electrical installation if multistoried complex height is more than 15 Mts.
- 12 You are requested to obtain i). the occupancy certificate issued from concerned municipality and ii). No-objection Certificate from A.P.Fire Services Dept. and submit the same to concerned Divisional Engineer/Operation for release of services of multi-storied building.
- 13 As the existing Power Transformer capacity and DTR Capacity and connected lines and equipment needs enhancement to cater the proposed loads. Hence development charges are being collected.

14 → 100 KVA CSP Transformer procured by you should be tested by Divisional Engineer /MRT/Ranga Reddy Circle (North).

→ i) To pay an amount of Rs. 133590 Rupees One Lakh Thirty Three thousand Five hundred Ninety Only

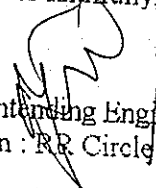
Towards 10% Supervision Charges on estimate cost, Balance Development Charges Transformer testing charges and Security Deposit by Demand Draft in favour of Divisional Engineer/Operation/Habsiguda APCPDCL and handed over to Divisional Engineer/Operation/Habsiguda

DETAILS.			
i)	10% of Total estimate cost towards Supervision charges	Rs.	39014
ii)	Balance Development Charges (1,35,000-67925)	Rs.	67075
iii)	100 KVA CSP Transformer testing charges	Rs.	500
iv)	Security Deposit at the rate of Rs. 200/- KW for domestic, Rs. 800/-	Rs.	27000
Total AMOUNT TO BE PAID BY CONSUMER.		Rs.	133589

Or say 133590

You may contact Divisional Engineer, Operation, Habsiguda for further action in this matter.

Yours faithfully,


Superintending Engineer
Operation : R.R. Circle North

- Copy to : The Divisional Engineer/Operation/Habsiguda
- Copy to : The Accounts Officer, Expenditure, RR Circle North.
- Copy to : The Asst. Divisional Engineers/Operation/Habsiguda
- Copy to : The Asst. Engr...


They are requested to ensure that the works shall be carried out as

ENTRAL
POWER

STATEMENT FOR SERVICE LINE CHARGES AND DEVELOPMENT CHARGES

Extension of supply to 1 Nos.3-phase each 10 KW, 20 Nos 3-Ph each 3 KW, 20 Nos 1-Ph each 2 KW & 25 Nos 1-Ph each 1 KW Domestic Loads to M/s Modi Ventures at Sy.No 93,94,&95, Shakthi Nagar, Mallapur in Nacharam Section of Habsiguda Sub-Division of Habsiguda Division in RRC (N).

Sl. No.	Description	Units	Qty	Rate (Rs.)	Amount (Rs.)
I	Total Cost of the Estimate				
II a)	Less cost of 1st 30.48 Mts.	Mts.	30.48	120	3658
	11 KV Line @ Rs. 120/- per Metre				
b)	Less cost of 1 No. 100 KVA CSP DTR + SP Structure+ HG Fuse + AB Switch	Nos.	1	79755	79755
c)	Less cost of				
	i) Energy Meters				
	Single Phase Meters	Nos.	45	602	27090
d)	Less cost of				
	i) 3 Phase 10 - 40 A Energy Meters	Nos.	21	1404	29484
III	Total Expenditure chargeable to CPDCL				139967
IV	Service line charges to be collected			or say	139990
V	Development charges to be collected	Services	Nos.	Load in KW	Dev. Charges
a)	Domestic @ Rs. 1000/- per KW	3 phase	20	3	60000
		1 phase	20	2	40000
		3 phase Common	1	10	10000
		1 phase	25	1	25000
VI	Security deposit charges to be collected	Services	Nos.	Load in KW	Sec. Charges
a)	Domestic @ Rs. 200/- per KW	3 phase	20	3	12000
		1 phase	20	2	8000
		3 phase Common	1	10	2000
		1 phase	25	1	5000
VII	Total charges to be collected				27000
					412150


 Superintending Engineer
 Operation Ranga Reddy Circle (North)
 Modi Ventures

REPORT TO ACCOMPANY THE ESTIMATE

1. **GENERAL:** The proposal is for extension of supply to 1 No. 3-Ph 10KW, 20 No's 3-Ph each 3KW, 20 No's 3-Ph each 2KW & 25 No's 3-Ph each 1KW Domestic loads to M/s. Modi Ventures at Sy No. 93, 94 & 95 Shakti Sai Nagar, Mallapur in Nacharam section.
2. **POINT OF SUPPLY:** Supply to the proposed loads will be extended as shown in the sketch.
3. **MAIN FEATURES:** The proposal involves erection of the following
 - a. Erection of 0.35KM 11KV line with 55 Sq. mm AAA conductor on 7 Nos 9.1 Mts PSCC pole with a span of 50Mts.
 - b. Erection of 1 No. 100 KVA Distribution Transformer with necessary Switchgears.
 - c. Erection of metering panel with necessary cables.

POWER TRANSFORMER CAPACITY: The existing power transformer capacity at 33/11KV Mallapur sub-station is 10 MVA with 2 Nos. 5 MVA power transformers.

1.	Existing loads	7488 KVA
2.	Already sanctioned loads	426 KVA
3.	Already proposed loads	426 KVA
4.	Now proposed loads	100 KVA
Total		8440 KVA

Demand on the Sub-station with D.F. of 1.5 will be 5627 KVA. Hence the Power Transformer capacity is quite adequate to cater the now proposed load together with the existing loads.

5. **CAPITAL COST AND REVENUE RETURN:** The capital cost of the scheme works out to Rs. ~~3,82,473~~ 3,90,140/- and it is self-remunerative.

6. **H.T. REGULATION:** The regulation of 11KV Noma feeder has been calculated and found satisfactory.

[Signature]
Divisional Engineer Electrical
Operation CPDCL Habsiguda,

[Signature]
Asst. Divisional Engineer Electrical
Operation, APCPDCL, Habsiguda




[Signature]
Assistant Engineer
Operation APCPD


[Signature]
AGP
[Signature]
ADTC
[Signature]
R/H

DETAILED ESTIMATE FOR H.T. SYSTEM

Extension of supply to 1 Nos. 3-phase each 10 KW, 20 Nos 3-Ph each 3 KW, 20 Nos 1-Ph each 2 KW & 25 Nos 1-Ph each 1 KW Domestic Loads to M/s Modi Ventures at Sy.No 93,94,&95, Shakthi Nagar, Mallapur in Nacharam Section of Habsiguda Sub-Division of Habsiguda Division in RRC (N).

Sl. No.	Particulars	Qty.		Rate (Rs.)		Per	Amount (Rs.)	
				Material	Labour		Material	Labour
O.H. Lines								
1	9.1 Mts. PSOC Poles	7	Nos.	1628	1186	Each	11396	8302
2	11 KV Channel 'X' arms	9	Nos.	330	-	Each	2970	-
5	100 Sq. mm. AAA Conductor	1.05	KM.	22647	3287	KM.	23779	1150
6	11 KV Pin Insulators with pins	21	Nos.	62	-	Each	1302	-
7	11 KV Disc Insulators B & S	6	Nos.	253	-	Each	1518	-
8	Mass Concreting of Poles (Including cost of concrete, sand and cement etc.)	7	Nos.	-	1033	Each	-	7231
10	100 KVA CSP Distribution Transformer 11 KV/433 Volts.	1	No.	67925	2176	Each	67925	2176
11	Single Pole structure with Box Pole of R.S. Joists welded Back to Back. (Including concreting and pit excavation etc.)	1	No.	14520	2644	Each	14520	2644
12	Plinth of standard size and fencing if necessary.	1	No.	-	10000	Each	-	10000
13	Fencing around Transformer	1	No.	-	5500	Each	-	5500
14	Earthing for Transformer (1No. Cast Iron and 2 Nos. GI Pipes)	1	No.	-	4730	Each	-	4730
15	11 KV H.G. Fuse set	1	No.	1230	389	Each	1230	389
16	11 KV AB Switch 200 Amps.	1	No.	4398	848	Each	4398	848
17	Installation of Distn. Box LT/HG fuse sets including Cable connection.	1	No.	5375	600	Each	5375	600
Sub Total Rs.							134413	43570
3% Contingences							4032	
3% S & H Charges							4032	
Labour & Transport							43570	
10% Estt. General Charges							18605	
Grand Total : Rs.							204653	
Or Say Rs.							204650	

 ACP
 AOGTC
 OELT


 Superintending Engineer
 Operation Ranga Reddy Circle (North)

Modi Ventures

Andhra Pradesh Power Distribution Company of Andhra Pradesh
Operation Ranga Reddy Circle (North)

DETAILED ESTIMATE FOR L.T. SYSTEM

Extension of supply to 1 Nos.3-phase each 10 KW, 20 Nos. 3-Ph. each 3 KW, 20 Nos 1-Ph each 2 KW & 25 Nos 1-Ph each 1 KW Domestic Loads to M/s Modi Ventures at Sy.No 93,94,&95, Shakthi Nagar, Mallapur in Nacharam Section of Habsiguda Sub-Division of Habsiguda Division in RRC (N).

Sl. No.	Particulars	Qty.		Rate (Rs.)		Per	Amount (Rs.)	
				Material	Labour		Material	Labour
1	Distribution Cables & Control Boards							
a)	L.T. 120 Sq. mm. 3 1/2 Core XLPE UG Cable	50	Mts.	215	165	Mts	10750	8250
2	L.T. Switch gear Installation							
a)	L.T. Control Panel with 200 A. 3 Phase MCB's for incoming cables and outgoing cables	1	No.	5000	500	Each	5000	500
3	L.T. Metering Panels							
a)	L.T. Metering Panel with 200 A 3 Phase MCB's for accommodating 3 Phase meters.	3	Nos	20000	2000	Each	60000	6000
b)	3 Phase MCB's	21	No.	325	20	Each	6825	420
c)	Single Phase MCB's	45	Nos	80	10	Each	3600	450
4 a)	3 Phase 10 - 40 A Energy Meter (high quality)	21	No.	1404	65	Each	29484	1365
b)	Single Phase 5-20 A Energy Meters (high quality)	45	Nos	602	45	Each	27090	2025
Sub Total Rs.							142749	19010
3% Contingencies							4282	
3% S & H Charges							2585	
Labour & Transport							19010	
10% Estt. General Charges							16863	
Grand Total Rs.							185489	
Or Say Rs.							185490	

ABSTRACT

Total of H.T.	Rs.	204650
Total of L.T.	Rs.	185490
Total Cost of Estimate Total	Rs.	390140


 Superintending Engineer
 Operation Ranga Reddy Circle (North)


 A&P


 A&P


 A&P



- 4 The proposed Distribution Transformer should be in side of consumer premises only with necessary clearances and that equipment should not be in traffic movement area. The proposed DTR and its equipments should be erected by maintaining proper horizontal clearances minimum of four feet distance from the building structure.
- 5 In case of non - availability / non provision of space after due inspection and due satisfying the contentions of the builder / developer the local Divisional Engineer / Operation may permit the developer / builder to provide space for erection of DTR in a closed room subject to providing of fire proof indoor dry type transformer by the builder with necessary cabling etc., at his cost. Access to such room should be provided by the builder separately to the staff of CPDCL.
- 6 There should not be any 11 KV/LT lines passing through from other source of supply in the proposed premises.
- 7 The LT Panel Boards are to be standardized with required protection and housing for meters with sealing arrangements.
- 8 The existing services if any in this premises to be provided in control panel only or that services to be dismantled and properly accounted for.
- 9 The Divisional Engineers (OP) are requested to follow the guide lines given in the Memo. No. CGM/ Comm/DE (C)/AE - I/F-Release of Services/D. No. 2883/03, dt: 28-11-03 before releasing the services sanctioned in this estimate.
- 10 Furnish approval of CEIG for your electrical installation if multistoried complex height is more than 15 Mts.
- 11 The Divisional Engineers (OP) are requested to release the services of Multi-storied buildings which are greater than Ten Meters (10 Mt) in height, only after receipt of i). the occupancy certificate issued from concerned municipality and ii). No-objection Certificate from A.P.Fire Services Dept. Any Violation of these clause lies with total responsibility of DE/OP.
- 12 The following amounts are to be collected from the consumer.
 - a) Rs. 220,910 Rupees Two Lakh Twenty thousand Nine hundred Ten Only towards non-refundable service line charges.
 - b) Rs. 125000 Rupees One Lakh Twenty Five thousand Only towards non-refundable load development charges.
 - c) Rs. 25,000 Rupees Twenty Five Thousand Only towards Security Deposit Charges

The work order approval will be issued by Divisional Engineers, concerned subject to budget provision and in accordance with the policy laid down by the A.P.C.P.D.C.L, from time to time.

Work order should be issued only on receipt of a certificate along with W.O. application from the concerned Asst. Divisional Engineer to the effect that necessary payments has been collected.

Against the lump-sum provisions made in the estimate, detailed working estimate should be got approved by the competent authority.

The prospective consumer should give an under taking along with LT Power requisition, in the event of connecting up additional connected load in the premises, in excess of the contracted load.

Encl. : Estimate in the full shape.


Superintending Engineer
Operation Ranga Reddy Circle (North)

To

The Divisional Engineer/Operation/Habsiguda
Copy to : The Accounts Officer, Expenditure, RR Circle North.
Copy to : The Asst. Divisional Engineers/Operation/Malkajgiri
Copy to : The Asst. Engineer/Operation/Merandment

Copy submitted to the Chief General Manager/Comm/APCPDCL.

Copy submitted to the Chief General Manager/Operation/Ranga Reddy Zone.

FORWARDED BY ORDER

Asst. Divisional Engineer/Comm.



Central Power Distribution Company of Andhra Pradesh

From

Superintending Engineer
Operation RR Circle North,
Gunrock, Secunderabad - 15.

TO: *Uday mody*

M/s. Modi Ventures
Sy. No. 93, 94 & 95, Block-D, Mallapur
R.R. Dist.

D. Blou. ①

Lt. No. SE/O/RRC (N)/Coml./DR. No. 944 /2007-2008/D.No.4091 /07. dt.03 -12-07.

Sir,

Sub :- Extension of supply to 1 Nos. 3- Φ each 10 KW Common load, 25 No. 3- Φ each 3 KW Domestic load, & 20 Nos. 1- Φ each 2 KW Domestic load to M/s. Modi Ventures at Sy. No. 93, 94 & 95, Block-D, Mallapur in Nacharam Section of Habsiguda Sub-division of Habsiguda Division - Estimate sanctioned - Permission for supply of materials and for execution of works by your self on turnkey basis - Accorded - Regarding.

Ref:- 1. Sanction Memo No. SE/O/RRCN/Comml./D. No. 4090 /07, Dt.03-12-07
3. Representation of Consumer dated

Under the circumstances explained in reference (2) cited, you are permitted to supply materials **COMPLETELY & EXECUTE** the works in respect of the scheme sanctioned under reference 2 cited with the following details :

- Erection of 11 KV Line with 100 Sq mm AAA Conductor over 9.1 Mts PSCC Poles for a distance of 0.01 KM
- Erection of 1 No. 11 KV/433 V. 100 KVA CSP DTR with necessary switch gear, SP Structure with Box poles, Plinth & Fencing around.
- Erection of 1 No Control Panel & 3 No. Metering Panel
- Laying of LT 3 1/2 Core 120 Sq-mm XLPE UG Cable for a distance of 100 Mts.
- Effecting of 1 Nos. 3- Φ each 10 KW Common Domestic load, 25 No. 3- Φ each 3 KW Domestic load, & 20 Nos. 1- Φ each 2 KW Domestic loads

The permission now accorded is subject to the following conditions:

- A licensed electrical contractor under the supervision of the APCPDCL's Official should execute the works.
- The materials used in the works should conform to APCPDCL's Specification.
- Major materials like distribution transformers, A.B. Switches, H.G. Fuse sets, conductor, structural steel and other materials should be purchased from standard vendors of standard quality and as per latest ISI. The bills/ vouchers of materials purchased should be produced to Divisional Engineer, Operation, Habsiguda
- You should hand over all the works executed by you to the APCPDCL's Officials after completion in full shape. The work executed by you shall be taken over by the APCPDCL after statutory inspection of APCPDCL's officials. The installation shall be deemed to be the property of APCPDCL's after such take over. The proposed Distribution Transformer, LT Lines should be on side of consumer premises only.
- The consumer should provide the LT Panel Boards are to be standardized with required protection and housing for meters with sealing arrangements.
- The proposed power in the premises should not have 2nd service, arrears to be paid and no court case pending.

Central Power Distribution Company of Andhra Pradesh

The proposed Distribution Transformer should be inside of consumer premises only with necessary clearances and that equipment should not be in traffic movement area. The proposed DTR and its equipments should be erected by maintaining proper horizontal clearances minimum of four feet distance from the building structure.

In case of non-availability / non-provision of space after due inspection and duly satisfying the contentions of the builder / developer the local Divisional Engineer / Operation may permit the developer / builder to provide space for erection of DTR in a closed room subject to providing of the proof indoor dry type transformer by the builder with necessary cabling etc. at his cost. Access to such room should be provided by the builder separately to the staff of CPDCL.

There should not be any 11 KV / LT Lines passing through from other source of supply in the proposed premises.

The existing services if any in this premises to be provided in the metering panel only or that services to be dismantled and properly accounted for.

Furnish approval of CEIG for your electrical installation if multi-storied complex height is more than 15 Mts.

You are requested to obtain i). the occupancy certificate issued from concerned municipality and ii). No-objection Certificate from A.P. Fire Services Dept. and submit the same to concerned Asst. Divisional Engineer/Operation for release of services of multi-storied building.

As the existing Power Transformer capacity and DTR Capacity and connected lines and equipment needs enhancement to cater the proposed loads. Hence development charges are being collected.

100 KVA CSP Transformer procured by you should be tested by Divisional Engineer/MRE/Ranga Reddy Circle (North).

i) To pay an amount of Rs. 94520

Rupees Ninety Four Thousand Five hundred Twenty Only

Towards 10% Supervision Charges on estimate cost, Balance Development Charges Transformer testing charges and Security Deposit by Demand Draft in favour of Divisional Engineer/Operation/Habsiguda/APCPDCL and handed over to Divisional Engineer/Operation/Habsiguda

DETAILS.			
i)	10% of Total estimate cost towards Supervision charges		
ii)	Balance Development Charges (125,000-92,500)	Rs.	36524
iii)	100 KVA CSP Transformer testing charges	Rs.	32500
iv)	Security Deposit at the rate of Rs. 200/- KW for domestic.	Rs.	500
		Rs.	25000
Total AMOUNT TO BE PAID BY CONSUMER.		Rs.	94524
		Or say	94520

You may contact Divisional Engineer, Operation, Habsiguda for further action in this matter.

Yours faithfully,

[Signature]
 Superintending Engineer
 Operation: RR Circle North

- Copy to: The Divisional Engineer/Operation/Habsiguda
- Copy to: The Accounts Officer, Expenditure, RR Circle North.
- Copy to: The Asst. Divisional Engineer/Operation/Mallajigiri
- Copy to: The Asst. Engineer/Operation/Neredmet
- Copy submitted to the Chief General Manager/Control/APCPDCL
- Copy submitted to the Chief General Manager/Operation/Ranga Reddy Zone.

They are requested to ensure that the works shall be carried out as per the standards set by CPDCL.

D. Block - ②



Central Power Distribution Company of Andhra Pradesh

STATEMENT FOR SERVICE LINE CHARGES AND DEVELOPMENT CHARGES

Extension of supply to 1 Nos. 3- Φ each 10 KW Common load, 25 No. 1- Φ each 3 KW Domestic load, & 20 Nos. 1- Φ each 2 KW Domestic loads to M/s. Modi Ventures at Sy. No. 93, 94 & 95, Block-D, Mallapur in Nacharam Section of Habsiguda Sub-division of Habsiguda Division in R.R.C (N).

Sl. No.	Description	Units	Qty	Rate	Amount in Rs.
I	Total Cost of the Estimate				365240
ii a)	Less cost of 1st 10 Mts.	Mts.	10	120	1200
	11 KV Line @ Rs. 120/- per Metre				
b)	Less cost of 1 No. 100 KVA CSP DTR	Nos.	1	92500	92500
	Distribution Transformer				
c)	Less cost of				
	i) Energy Meters				
	Single Phase Meters	Nos.	20	553	11060
c)	Less cost of				
	ii) 3 Phase 10 - 40 A Energy Meters	Nos.	26	1522	39572
II	Total Expenditure chargeable to CPDCL				144332
				orsay	144330
III	Service line charges to be collected				220910
IV	Development charges to be collected	Services	Nos.	Load in KW	Dev. Charges
		1-Phase	20	2	40000
a)	Domestic @ Rs. 1000/- per KW	3-phase	25	3	75000
		3 phase Common	1	10	10000
				Total	125000
V	Security deposit charges to be collected	Services	Nos.	Load in KW	SD. Charges
		1-Phase	20	2	8000
a)	Domestic @ Rs. 200/- per KW	3-phase	25	3	15000
		3 phase Common	1	10	2000
				Total	25000
VI	Total charges to be collected				370910

Sd/-
Superintending Engineer
Operation Ranga Reddy Circle (North)

Central Power Distribution Company of Andhra Pradesh Ltd.

CENTRAL POWER DISTRIBUTION COMPANY OF A.P. LIMITED Operation Ranga Reddy Circle (North) DETAILED ESTIMATE FOR H.T. SYSTEM

Extension of supply to 1 Nos. 3- Φ each 10 KW Common load, 25 Nos. 3- Φ each 3 KW Domestic load, & 20 Nos. 1- Φ each 2 KW Domestic loads to M/s. Modi Ventures at Sy. No. 93, 94 & 95, Block-D, Mallapur in Nacharam Section of Habsiguda Sub-division of Habsiguda Division in RRC (N).

Sl. No.	Particulars	Qty.	Rate		Per	Amount		
			Material	Labour		Material	Labour	
O.H. Lines								
1	11 KV Channel 'X' arms	1	Nos.	329	-	Each	329	-
2	Back Clamps	1	Nos.	73	-	Each	73	-
3	100 Sq. mm. AAA Conductor	0.03	KM.	52550	5763	KM.	1577	58
4	11 KV Disc insulators B & S	3	Nos.	257	-	Each	771	-
Distribution Transformer switch gear.								
1	100 KVA CSP Distribution Transformer 11 KV/433 Volts.	1	No.	92500	1932	Each	92500	1932
2	Single Pole structure with Box Pole (175 X 85 MM (450 Kgs) of R.S. Joists welded Back to Back. (Including Mass concreting (0.85 Cumt) and pit excavation etc.) 0.95 Cumt.	1	No.	14010	2644	Each	14010	2644
3	Construction of Plinth of size 5' X 4' x 8' (4.5 Cumt.).	1	No.	-	8100	Each	-	8100
4	Fencing around Transformer with Size 4.5 Mtr X 4 Mtrs	1	No.	-	5500	Each	-	5500
5	Earthing for Transformer (1Nos. Cast Iron and 2 Nos CI Pipes)	1	No.	-	4730	Each	-	4730
6	11 KV H.G. Fuse set	1	No.	1123	280	Each	1123	280
7	11 KV AB Switch 200 Amps.	1	No.	5911	756	Each	5911	756
8	Supply and erection of A Type Distn. Box LT/HG fuse set including Cable connection for 100 KVA Distribution Transformer and above.	1	No.	5725	600	Each	5725	600
Sub Total Rs							122019	24600
3% Contingencie							3661	
3% S & H Charges							3661	
Labour & Transport							24600	
10% Estt. General Charges							15394	
Grand Total : Rs.							169333	
Or Say Rs.							169330	

[Signature]
AELP

[Signature]
ADGL/DGHT

[Signature]
Superintending Engineer
Operation Ranga Reddy Circle (North)

CENTRAL POWER DISTRIBUTION COMPANY OF A.P. LIMITED
Operation Ranga Reddy Circle (North)
DETAILED ESTIMATE FOR L.T. SYSTEM

Extension of supply to 1 Nos. 3-Φ each 10 KW Common load, 25 No. 3-Φ each 3 KW Domestic load, & 20 Nos. 1-Φ each 2 KW Domestic loads to M/s. Modi Ventures at Sy. No. 93, 94 & 95, Block-D, Mallapur in Nacharam Section of Habsiguda Sub-division of Habsiguda Division in RRC (N).

Sl. No.	Particulars	Qty.		Rate		Per	Amount	
				Material	Labour		Material	Labour
1	Distribution Cables & Control Boards							
a)	P.V.C. Cable 120 Sq. mm. 3 1/2 Core XLPE UG Cable	100	Mts.	215	165	Mts.	21500	16500
b)	Jointing Material	1	Nos.	500	250	Each	500	250
2	L.T. Switch gear Installation							
	L.T. Control Panel with 400 A 3 Phase MCB's for incoming cables and 4 No 100A MCB for out going cables Protection	1	No.	8000	800	Each	8000	800
2	L.T. Metering Panels							
a)	L.T. Control cum Metering Panel with MCCB for incoming protection and provision to MCCB's for out going protections to accommodating 20Nos 1 - Phase meters with proper sealing arrangements.	1	Nos.	20000	2000	Each	20000	2000
b)	L.T. Control cum Metering Panel with MCCB for incoming protection and provision to MCCB's for out going protections to accommodating 13Nos 3 - Phase meters & with proper sealing arrangements.	2	Nos.	17000	1700	Each	34000	3400
b)	3 Phase MCB's	26	Nos.	325	20	Each	8450	520
c)	Single Phase MCB's	20	Nos.	80	10	Each	1600	200
3 a)	3 Phase 10 - 40 A Energy Meter (high quality)	28	Nos.	1522	65	Each	39572	1890
b)	Single Phase 5-20 A Energy Meters (high quality)	20	Nos.	553	45	Each	11060	900
Sub Total Rs.							144682	26260
3% Contingency							4340	
3% S & H Charges							2822	
Labour & Transport							26260	
10% Estt. General Charges							17810	
Grand Total : Rs.							195914	
Or Say Rs.							195910	

ABSTRACT

Total of H.T.	Rs.	169330
Total of L.T.	Rs.	195910
Total Cost of Estimate Total	Rs.	365240

Modi Ventures, Ranga Reddy

[Handwritten signatures]
 A.P. Modi
 A.P. Modi
 A.P. Modi

Superintending Engineer
 Operation Ranga Reddy Circle (North)

Power Distribution Company of Andhra Pradesh Ltd.
CENTRAL POWER DISTRIBUTION COMPANY OF A.P.LTD.

From
Superintending Engineer
Operation RR Circle North,
Gunrock, Secunderabad - 15.

To
M/s. Modi Ventures,
Sy.No.93,94&95, E-Block,
Mallapur.

Lr. No. SFO/RRCC/Coml./E. Turnkey Permission/D.No. ⁴²⁸³ ~~4762~~/07 dt. 13-12-07.

Sir,

Sub - Estimate for extension of supply to 2 Nos.3-Ph each 10 KW Common load, 32 Nos. 3-Ph each 5 KW domestic load and 38 Nos. 1-Ph each 2 KW domestic load to M/s. Modi Ventures, at Sy.No.93,94 & 95, Block-E,Mallapur in Nacharam Section of Habsiguda Sub-division of Habsiguda Division. -- Permission for supply of materials and for execution of works by your self on turnkey basis - Accorded - Regarding.

Ref: 1.Memo.No.CGM/Op/RRZono/Hyd/C&P/D.No.2252/07-08, Dt.06-12-07.
2.Representation of Consumer dated 07-12-07.

Under the circumstances explained in reference (2) cited, you are permitted to supply the materials COMPLETELY & EXECUTE the works in respect of the scheme sanctioned under reference 2nd cited with the following details:

- a) Erection of 11 KV line with 100 Sqmm AAA Conductor over existing 9.1 Mt. PSCC Pole for a distance of 0.3 KM.
- b) Erection of 1 No. 3-Ph 160 KVA 11 KV/433 V CSP Distribution Transformer with necessary mounting arrangements with plinth & fencing.
- c) Laying of LT 3 1/2 core 120 Sqmm XLPE power cable for a distance of 100 Mt.
- d) Erection of 2 Nos. LT Control panels & 4 Nos. metering panel boards.
- e) Effecting of release of supply to 2 Nos.3-Ph each 10 KW Common load, 32 Nos. 3-Ph each 5 KW domestic load and 38 Nos. 1-Ph each 2 KW domestic load

The permission now accorded is subject to the following conditions:

- 1 A licensed electrical contractor under the supervision of the APCPDCL's Officials, should execute the works.
- 2 The materials used in the works should conform to APCPDCL's Specification.
- 3 Major materials like distribution transformers, A.B. Switches, H.G. Fuse sets, conductor, structural steel and other materials should be purchased from standard vendors of standard quality and as per latest ISI. The bills/ vouchers of materials purchased should be produced to Divisional Engineer, Operation, Habsiguda.
- 4 You should hand over all the works executed by you to the APCPDCL's Officials after completion in full shape. The work executed by you shall be taken over by the APCPDCL after statutory inspection of APCPDCL's officials. The installation shall be deemed to be the property of APCPDCL's after such take over. The proposed Distribution Transformer, LT Lines should be in side of consumer premises only.
- 5 The consumer should provide the LT Panel Boards are to be standardized with required protection and housing for meters with sealing arrangements.
- 6 The proposed power in the premises should not have 2nd service, arrears to be paid and no court case pending.

Power Distribution Company of Andhra Pradesh Ltd.

Proposed Distribution Transformer LT Lines should be in side of consumer premises only with necessary clearances and that equipment should not be in traffic movement area. The proposed DTR and its equipments should be erected by maintaining proper horizontal clearances minimum of four feet distance from the building structure.

- 8 In case of non - availability / non provision of space after due inspection and duly satisfying the contentions of the builder / developer the local Divisional Engineer / Operation may permit the developer / builder to provide space for erection of DTR in a closed room subject to providing of fire proof indoor dry type transformer by the builder with necessary cabling etc., at his cost. Access to such room should be provided by the builder separately to the staff of CPDCL.
- 9 There should not be any 11 KV / LT Lines passing through from other source of supply in the proposed premises.
The existing services if any in this premises to be provided in the metering panel only or that services to be dismantled and properly accounted for.
- 11 Furnish approval of CEIG for your electrical installation if multistoried complex height is more than 15 Mts.
- 12 As the existing Power Transformer capacity and DTR Capacity and connected lines and equipment needs enhancement to cater the proposed loads. Hence development charges are being collected
- 13 160 KVA CSP Transformer procured by you should be tested by Divisional Engineer (MRT/Ranga Reddy Circle (North).

i) To pay an amount of Rs. 228275 Rupees Two Lakh Twenty Eight thousand Two hundred Seventy Five Only

Towards 10% Supervision Charges on estimate cost, Balance Development Charges Transformer testing charges and Security Deposit by Demand Draft in favour of Divisional Engineer/Operation/Habsiguda APCDCL and handed over to Divisional Engineer/Operation/Habsiguda

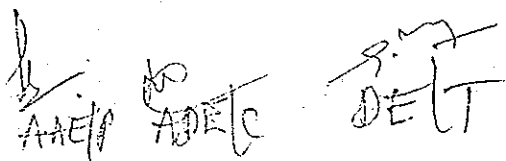
DETAILS.			
i)	10% of Total estimate cost towards Supervision charges	Rs.	56330
ii)	Balance Development Charges (256 KW x Rs.1000/- -Rs.2,56,000/- - Rs.1,35,757/- = Rs.1,20,243/-)	Rs.	120243
iii)	160 KVA CSP Transformer testing charges	Rs.	500
iv)	Security Deposit @ of Rs. 200/- per KW for Domestic, Rs. 800/- per PWS & Street lighting.	Rs.	51200
Total AMOUNT TO BE PAID BY CONSUMER.		Rs.	228273

Or say 228275

You may contact Divisional Engineer, Operation Habsiguda for further action in this matter.

Yours faithfully,

Superintending Engineer
Operation : RR Circle North



- Copy to : The Divisional Engineer/Operation/Habsiguda
- Copy to : The Accounts Officer, Expenditure, RR Circle North.
- Copy to : The Asst. Divisional Engineers/Operation/Habsiguda
- Copy to : The Asst. Engineer/Operation/Nacharam
- Copy submitted to the Chief General Manager/Comm./APCPDCL.
- Copy submitted to the Chief General Manager/Operation/Ranga Reddy Zone.

They are requested to ensure that the works shall be carried out as per the standards set by CPDCL & Departmental material shall not be utilized.

259 3.8.12 =

RE: विनाशित: Mr. Ganesha Modi
20/11/07

CENTRAL POWER DISTRIBUTION COMPANY OF ANDHRA PRADESH LIMITED

Office of the
Chief General Manager
Operation, Ranga Reddy Zone

Memo No.CGM/OP/RRZone/Hyd/C&P/D.No 2252/07-08 Dt: 06 /12/2007.

Sub: Elec-Rr Zone-Estimate for extension of supply to 2 Nos 3-phase each 10KW common load,32 No 3-phase each 5 KW domestic load ,38 Nos 1-phase 2 KW domestic load to M/s Modi Ventures, at Sy.No.93,94,&95 Block-E, Mallapur in Nacharam section Habsiguda Sub-division in Habsiguda Division of Ranga Reddy north circle-Estimate Sanction -Regarding.

Ref: 1. Lr.No.SE/OP/RRN/ADE/Coml/F.No. /D.No. 3981/05, DT:28/11/2007.

2. Lr.No.DE/OP/Habsiguda/LT/F-ext D.No.4037/07 dated 23.11.07

<><><><>

1. The Chief General Manager, Ranga Reddy Zone, CPDCL, Hyderabad administratively approves the proposal of Superintending Engineer operation Ranga reddy North circle extension of supply to 2 Nos 3-phase each 10KW common load,32 No 3-phase each 5 KW domestic load ,38 Nos 1-phase 2 KW domestic load to M/s Modi Ventures, at Sy.No.93,94,&95 Block-E, Mallapur in Nacharam section Habsiguda Sub-division in Habsiguda Division of Ranga Reddy north circle and sanction for an amount of Rs 5,63,300/- towards expenditure.
The estimate is technically sanctioned and registered as
CGM/Op/RR Zone/ C.R.No 132 /2007-08. (Capital) /RR North Circle.
2. The salient features of the scheme are as follows:
 - 1) Erection of 11KV line 55sqmm.AAA conductor over 9.1Mts PSCC pole for a distance of 0.3 KM.
 - 2) Erection of 4 Nos metering panel.
 - 3) Erection of 1 No 160 KVA Distribution Transformers.
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 unremunerative. 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 42 of the Electricity (supply) act, 1948, the Corporation 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 Corporation 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 corporation 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/RRNorth Circle.
8. Amounts to be collected from the consumers by SE /op/ R.R North Circle.

I. Development Charges	Rs. 2, 56,000/-
III. Security Deposit	Rs. 51,200/-
IV. Service Line charges	Rs. 3, 38,990/-
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.

Sd/- B.Veera Reddy
Chief General Manager
Operation, RRZone, Mint, Hyderabad.

To
The Superintending Engineer /Operation/Ranga reddy North Circle.
✓ Copy to The Divisional Engineer/Operation/Habsiguda.

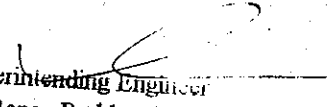
Copy to the Chief General Manager/Coml./CPDCL/Hyderabad.


F. B. O.


CENTRAL POWER DISTRIBUTION COMPANY OF A.P. LIMITED.

REPORT TO ACCOMPANY THE ESTIMATE

- 1 General : The proposal is for extension of supply to 2 Nos. 3- Φ each 10 KW Common load, 32 No. 3- Φ each ³ KW Domestic load, 38 Nos. 1- Φ each 2 KW Domestic loads to M/s. Modi Ventures at Sy. No. 93, 94 & 95, Block-E, Mallapur in Nacharam Section of Habsiguda Sub-division of Habsiguda Division in RRC (N).
- 2 Main Features : The Proposal envisages the following.
 - a) Erection of 11 KV Line with 100 Sq mm AAA Conductor over 9.1 Mts PSCC Poles for a distance of 0.3 KM
 - a) Erection of 1 No. 11 KV/433 V 160 KVA CSP. DTR with necessary switch gear, SP Structure with Box poles, Plinth & Fencing around.
 - b) Erection of 4 No. Metering Panel .
 - c) Laying of LT 3 1/2 Core 120 Sq mm XLPE UG Cable for a distance of 100 Mts.
 - e) Effecting of 2 Nos. 3- Φ each 10 KW Common load, 32 No. 3- Φ each ³ KW Domestic load, 38 Nos. 1- Φ each 2 KW Domestic loads .
- 3 33/11 KV Substation and Feeder : The proposed loads are on 11 KV Nominal feeder - I emanating from 33/11 KV Nacharam Sub - Station with existing Power Transformer Capacity 1 x 8 MVA is capable of feeding proposed loads, already proposed loads and existing loads.
- 4 Capital Cost of the Estimate :- The total cost of the estimate is Rs. 5,89,050 /- and it is self remunerative.
5,63,200 ~~20~~
- 5 H.T. Regulation :- The H.T. Regulation of the feeder will be within permissible limits as the proposed load is within 2 to 3 KM vicinity of 33/11 KV Sub - Station.
- 6 List of Materials :- The required materials are as per the detailed estimate.


Superintending Engineer
Operation Ranga Reddy Circle (North)


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

F. B. O.

ADE/Tech.
CGM/OP/R.R. Zone

STATEMENT FOR SERVICE LINE CHARGES AND DEVELOPMENT CHARGES

Extension of supply to 2 Nos. 3-Φ each 10 KW Common load, 32 No. 3-Φ each 5 KW Domestic
 38 Nos. 1-Φ each 2 KW Domestic loads to M/s. Modi Ventures at Sy. No. 93, 94 & 95 Block
 Mallapur in Nacharam Section of Habsiguda Sub-division of Habsiguda Division in RRC (N).

Sl. No.	Description	Units	Qty	Rate	Amount
I	Total Cost of the Estimate				58,90,510 5,63,300
II a)	Less cost of 1st 30.48 Mts. 11 KV Line @ Rs. 120/- per Metre	Mts.	30.48	120	3658
b)	Less cost of 1 No. 160 KVA CSP DTR + SP Structure + HG Fuse + AB Switch Distribution Transformer	Nos.	1	147395	1,47,395
c)	Less cost of				
i)	Energy Meters				
	Single Phase Meters	Nos.	38	553	21,014
c)	Less cost of				
ii)	3 Phase 10 - 40 A Energy Meters	Nos.	34	1522	51,748
II	Total Expenditure chargeable to CPDCL				22,43,15
					orsay 2,43,150
III	Service line charges to be collected				30,47,40 3,38,990
IV	Development charges to be collected	Services	Nos.	Load in KW	Dev. Charge
a)	Domestic @ Rs. 1000/- per KW	1-Phase	38	2	7,000
		3-phase	32	35	5,000
		3 phase Common	2	10	20,000
		Total			1,20,000 2,56,000
V	Security deposit charges to be collected	Services	Nos.	Load in KW	SD Charge
a)	Domestic @ Rs. 200/- per KW	1-Phase	38	2	4,000
		3-phase	32	35	1,000
		3 phase Common	2	10	4,000
		Total			3,400 5,12,000
	Total charges to be collected				33,400 5,12,000
					6,77,940 200
					6,46,190

Sd/-
 Chief General Manager
 Operation, Rangareddy Zone
 APCPDCL Mittal Complex, Hyd.

Supervising Engineer
 Operation Rangareddy Circle (North)

F. B. O.
 ADE Tech.
 CGM/OP/R.R Zone

CENTRAL POWER DISTRIBUTION COMPANY OF A.P. LIMITED
Operation Ranga Reddy Circle (North)
DETAILED ESTIMATE FOR H.T. SYSTEM

Extension of supply to 2 Nos. 3-Φ each 10 KW Common load, 32 No. 3-Φ each 5 KW Domestic load, 38 Nos. 1-Φ each 2 KW Domestic loads to M/s. Modi Ventures at Sy. No. 93, 94 & 95, Block-E, Malipuri, Nacharam Section of Habsiguda Sub-division of Habsiguda Division in RRC (N).

Sl. No.	Particulars	Qty.	Rate		Per	Amount	
			Material	Labour		Material	Labour
O.H. Lines							
1	9.1 Mts. PSCC Poles	7 Nos.	1590	730	Each	11830	5110
2	8.0 Mts. PSCC Poles Stilt Poles	3 Nos.	905	430	Each	2715	1290
3	11 KV Channel 'X' arms	13 Nos.	329	-	Each	4277	-
4	Back Clamps	13 Nos.	73	-	Each	949	-
5	M.S. Stay sets	3 Nos.	543	323	Each	1629	969
6	100 Sq. mm. AAA Conductor	0.9 KM.	2879	5763	KM.	4729	1729
7	11 KV Pin insulators with pins	12 Nos.	65	3262	Each	2589	3927
8	11 KV Disc insulators B & S	24 Nos.	257	-	Each	780	-
9	Mass Concreting of 9.1 Mts. PSCC Poles & Stay Sets (Including cost of concrete, sand and cement etc.)	3 No.	-	1033	Each	-	3099
Distribution Transformer switch gear.							
1	160 KVA CSP Distribution Transformer 11 KV/433 Volts.	1 No.	135757	1932	Each	135757	1932
2	Single Pole structure with Box Pole (175 X 85 MM (450 Kgs) of R.S. Joists welded Back to Back (Including Mass concreting (0.85 Cumt) and pit excavation etc.) 0.25 Cumt	1 No.	14010	2644	Each	14010	2644
3	Construction of Plinth of size 5' X 4' x 8' (4.5 Cumt.)	1 No.	-	8100	Each	-	8100
4	Fencing around Transformer with Size 4.5 Mtr X 4 Mtrs	1 No.	-	5500	Each	-	5500
5	Earthing for Transformer (1Nos. Cast Iron and 2 Noe GI Pipes)	1 No.	-	4730	Each	-	4730
6	11 KV H.G. Fuse set	1 No.	1123	280	Each	1123	280
7	11 KV AB Switch 200 Ampe.	1 No.	5911	766	Each	5911	766
8	Supply and erection of A Type Disln. Box LT/HG fuse set including Cable connection for 160 KVA Distribution Transformer and above.	1 No.	5725	600	Each	5725	600

Sub Total Rs.	216766	23810	36754	36012
3% Contingencies		7143	6503	
3% S & H Charges		7143	6503	
Labour & Transport		3875	26012	
10% Estt. General Charges		28921	26578	
Grand Total : Rs.		318134		2,92,362.20
Or Say Rs.		318130		2,92,390.20

Sd/-
Chief General Manager
 Operation, Ranga Reddy Zone,
 A.P.C.D.C. Main Compound, Hyd.

Superintending Engineer
 Operation Ranga Reddy Circle (North)

F. B. O.

 ADE/Tech.
 CGM/OP/R R Zone

CENTRAL POWER DISTRIBUTION COMPANY OF A.P. LIMITED
Operation Ranga Reddy Circle (North)
DETAILED ESTIMATE FOR L.T. SYSTEM

Extension of supply to 2 Nos. 3-Φ each 10 KW Common load, 32 No. 3-Φ each ⁵ KW Domestic loads, 50 Nos. 1-Φ each 2 KW Domestic loads to M/s. Modi Ventures at Sy. No. 93, 94 & 95, Block-E, Madhapur in Nacharam Section of Habsiguda Sub-division of Habsiguda Division in RRC (N).

Sl. No.	Particulars	Qty.		Rate		Per	Amount	
				Material	Labour		Material	Labour
1	Distribution Cables & Control Boards							
a)	P.V.C. Cable 120 Sq. mm. 3 1/2 Core XLPE UG Cable	100	Mts.	215	165	Mts.	21500	16500
b)	Jointing Material	1	Nos.	500	250	Each	500	250
2	L.T. Switch gear Installation							
	LT Control Panel with 400 A 3 Phase MCB's for incoming cables and 4 No. 100A MCB for out going cables Protection	2	No.	8000	800	Each	16000	1600
2	L.T. Metering Panels							
a)	L.T. Control cum Metering Panel with MCCB for incoming protection and provision to MCB's for out going protections to accommodating 9 Nos. 3 - Phase meters & 10 Nos 1-Ph Meters with proper sealing arrangements.	4	Nos.	20000	2000	Each	80000	8000
b)	3 Phase MCB's	34	Nos.	325	20	Each	11060	680
c)	Single Phase MCB's	38	Nos.	80	10	Each	3040	380
3 a)	3 Phase 10 - 40 A Energy Meter (high quality)	34	Nos.	1522	65	Each	51748	2210
b)	Single Phase 5-20 A Energy Meters (high quality)	38	Nos.	553	45	Each	21014	1710
Sub Total Rs.							204852	31330
3% Contingencies							6146	
3% S & H Charges							3963	
Labour & Transport							31330	
10% Estt. General Charges							24029	
Grand Total : Rs.							270919	
Or Say Rs.							270920	

ABSTRACT

Total of H.T.	Rs.	2,92,370.00
Total of L.T.	Rs.	270,920
Total Cost of Estimate Total	Rs.	5,63,290.00

M/s. MODI VENTURES

Or say 5,63,300.00

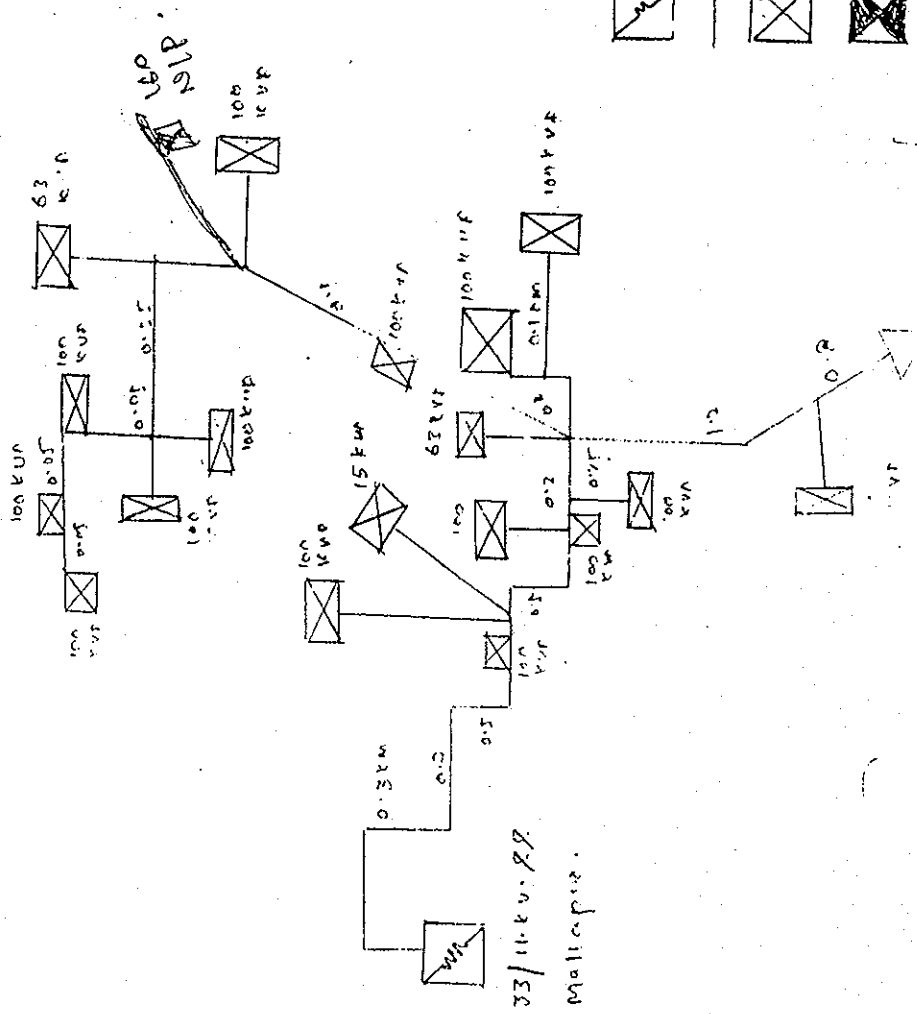
Superintending Engineer

Operation Ranga Reddy Circle (North)

sd/-
 Chief General Manager
 Operation, Ranga Reddy Zone,
 APCPDCL, MMT, Campbell, Hyd.

F. B. P.
 A.P.

* 11 KV Single Map of Nandi Feeders *

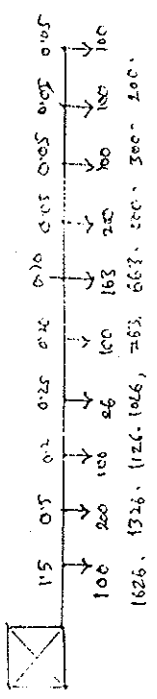


Superintending Engineer
Raaga Reddy (North) Assl. Divisional Engineer Electrical
A.P.C. Secunderabad.

sdr
Chief General Manager
Operation, Rangareddy Zone,
APCPDCL Mint Compound, Hyd.

F. B. O.
[Signature]

M.T.V. S.F. Regulating shed of Naranpeta.



Moment's

WVA

15	x	1626	-	2139	-	00		
0.5	x	1326	-	663	-	00		
0.2	x	1126	-	225	-	00		
0.25	x	1026	-	256	-	50		
0.20	x	763	-	151	-	60		
0.10	x	663	-	66	-	30		
0.05	x	500	-	25	-	00		
0.05	x	300	-	15	-	00		
0.05	x	200	-	10	-	00		
0.05	x	500	-	50	-	00		

1826 x 0.5 = 913
 1826 x 0.2 = 365.2
 1826 x 0.25 = 456.5
 1826 x 0.2 = 365.2
 1826 x 0.1 = 182.6
 1826 x 0.05 = 91.3
 1826 x 0.05 = 91.3

Sd/-
 Chief General Manager
 Operation, Naranpeta Zone,
 APCPDCL Mint Cuddapah, Hyd.

F. B. O.
 [Signature]
 Asst. Tech.
 Cuddapah

[Signature]
 General Manager
 APCPDCL