

-TANGEDCO LTD-

2320817482

Office of the Superintending Engineer,
DEDC / Dindigul.

Memo. No.: SE / DEDC / DGL / EE / AEE / DEV / AE / F.Estimate / D.No. 59 / 17, Dt. 28.10.2017.

Sub: Elecy- DEDC-EOS to to 1 No. Agriculture Service IIIA1 to Thiru.A.Ravi, S/o, Alagarsamy at SF.No.103, CL.10HP, Thoppampatty Village, Aathour TK, Dindigul Under the jurisdiction of Assistant Engineer / Gandhigram of South Division - Estimate sanction-Accorded.

Ref: Lr.No. EE/S/DGL/TA/F.Doc/PRO.NO.1114/17, Dt. .09.2017.

The Capital estimate for 1 No. Agriculture Service IIIA1 to Thiru.A.Ravi, S/o, Alagarsamy at SF.No.103, CL.10HP, Thoppampatty Village, Aathour TK, Dindigul Under the jurisdiction of Assistant Engineer / Gandhigram of South Division is hereby "APPROVED".

The Estimate is technically sanctioned and registered as

Head of Account	Estimate Amount (Rs.)	Sanction No.
TNEB- Fund- Capital Expenditure Dindigul EDC A/c. No. 14.626	Rs. 13,51,310 /- (Gross) & 11,88,540/- (Nett) Chargable to the consumer is 35,180/-	14.626 / S / DEV / 07 / 2017-18, Dt. 28..10.2017

The Supply referred to in Para I above will be subject to the following condition.

- In case of emergency in power system, the supply will be restricted or staggered on working hours or cut off altogether to suit the needs of the system.
- The supply will be cut off, if it is used for the purpose other than for which it is specifically sanctioned.
- All power loads should not work between 6.00 PM to 10.00 PM during the evening peak load hours.

By virtue of the Provision contained in sub section (2)(a) of section 185 of the Electricity Act 2003, the board being the transmission utility and license will exercise the powers of the Telegraph authorities under the provision of section 164 of the Electricity Act 2003, which have already been conferred upon the board under section 51 of the Indian Electricity Act 1910.

FORWARDED / BY ORDER

Sdxxxxx/28.10.17

Superintending Engineer
DEDC/Dindigul.

**AEE / PRO & DEV. / DEDC
DINDIGUL.**

To
The Executive Engineer/South
Copy to Assistant Executive Engineer/Chinnalapatty
Copy to Assistant Engineer/Rural/Gandhigram
Copy to Assistant Accounts Officer/Accounts/Dindigul

35180
10800
45830

SCHEME REPORT

SCOPE:

EOS to 1 No. Agriculture Service IIIA1 to Thiru.A.Ravi, S/o,Alagarsamy at SF.No.103, CL,10HP, Thoppampatty Village, Aathour TK, Dindigul Under the jurisdiction of Assistant Engineer /Gandhigram of South Division.

SALIENT FEATURES:

The following works are involved in this scheme.

- Erection of PSC Pole 9 Mtr 20 Nos
- Erection of PSC Pole 8.0 Mtr 17 Nos
- Erection of New 1 No. 63KVA/22KV Distribution Transformer with structure.
- Erection of 3348 Mtr of HT 3 phase 3 wire lines with AAAC 7/2.50 mm.
- Erection of 2142 Mtr of LT 3 Phase 4 wire Line with AAAC 7/2.50mm
- Effecting of 1 No. TF IIIAI Agri Purpose service connection.

REGULATION:-

- HT regulation of Existing Chinnalapatty feeder is 12.47% w/o DF (not satisfactory)
- A New Gandhigramm SS is proposed under Uday Scheme, certain portion of Load is transferred new proposed SS , After bifurcation of chinnalapatty feeder the HT Regulation of chinnalapatty SS comes under TANGEDCO Norms (ie 1.721 %)

NAME OF PARTY:-

Sl. No	Name of Party	CL	Application Reg.No.& collection details
1.	Thiru.A.Ravi S/o,Alagarsamy SF.No.103 Thoppampatty Village Dindigul	TF- IIIA1 10 HP	Appl.No.2320817482 PR.No. MDD2321A1S748 dt.16.08.2017

Load Details :

Ex. J.K.PATTY SS V MAIN 100KVA/22 LOAD DETAILS							
Sl. No.	Name of the feeder	Agl	HP	OHT / IND	HP	TOTAL	HP
1	FEEDER III	3 Nos	13.0	3 Nos	15.0	6 Nos	28.0
2	FEEDER IV	9 Nos	43.0	5 Nos	25.0	14 Nos	68.0
3	TOTAL	12 Nos	56.0	8 Nos	40.0	20 Nos	96.0

Ex. J.K.PATTY SS V Addl 100KVA/22 LOAD DETAILS

Sl. No.	Name of the feeder	Agl	HP	OHT / IND	HP	TOTAL	HP
1	FEEDER I	5 Nos	27.5	1 No	5.0	6 Nos	32.5
2	FEEDER II	6 Nos	35.0	1 No	5.0	7 Nos	40.0
3	TOTAL	11 Nos	62.5	2 Nos	10.0	13 Nos	72.5
4	Now Prop load TF.IIIA 1 Agl						10.0
5	Total						82.0

Now Prop Distribution Transformer J.K.PATTY SS VIII 63KVA/22 LOAD DETAILS

Sl. No.	Name of the feeder	Agl	HP	OHT / IND	HP	TOTAL	HP
1	FEEDER I	4 Nos	23.0	4 Nos	22.5	8 Nos	45.5
2	Now prop TF.IIIA1 Agl -1 No					1 No	10.0
3	TOTAL	4 Nos	23.0	4 Nos	22.5	9 Nos	55.0

After Prop New DT J.K.PATTY SS V MAIN 100KVA/22 LOAD DETAILS

Sl. No.	Name of the feeder	Agl	HP	OHT / IND	HP	TOTAL
1	FEEDER IV	9 Nos	43.0	5 Nos	25.0	14 Nos
2	TOTAL	9 Nos	43.0	5 Nos	25.0	14 Nos

After Prop New DT J.K.PATTY SS V Addl 100KVA/22 LOAD DETAILS							
Sl. No.	Name of the feeder	Agl	HP	OHT / IND	HP	TOTAL	HP
1	FEEDER I	5 Nos	27.5			5 Nos	27.5
2	FEEDER II	5 Nos	25.0	1 No	5.0	6 Nos	30.0
3	TOTAL	10 Nos	52.5	1 No.	5.0	11 Nos	57.5

REMARKS:

The existing JK Patty SS -V(Main),100 KVA/22 KV has connected with 96HP (Agri, OHT) Loads and Ex.JK Patty SS -V(Addl), 100KVA/22KV has connected with 62.5HP+Agri, 10HP+OHT, IIIA1 Total 72.5 Hp Loads. The possibility of proposed III A1 service is effected only from Ex. JK Patty SS -V (Additional Transformer).Even though the capacity of existing transformer is adequate , but the LT Regulation of Existing (additional) Transformer without proposed Load is not satisfied. (ie 9.65% with DF , and not satisfactory) . Hence a new transformer 1Nos 63 KVA/22KV is approved to erect at load centre to cater portion of loads (72.360 KW) from existing DT and to effect the proposed 10HP new III A1 load.

Note : In this proposal the LT Line passing 2.142 KM through Reserve Forest Land . The proposed III A1 Agri service is effected after getting proper NOC from District forest officer.

ESTIMATE COST:

The estimate cost works out to Rs. 13,51,310 /- (Gross) & 11,88,540 /- (Nett)
The Amount chargeable to the consumer is 35,180/-

Sdxxxxxx/28.10.17
Superintending Engineer
DEDC/Dindigul.

FORWARDED / BY ORDER


AEE / PRO & DEV. / DEDC
DINDIGUL.