TNEB LIMITED

TANGEDCO

TANTRANSCO

BULLETIN

JULY - 2021

CONTENTS

			Page No
1.	PART – I		
	NEWS & NOTES	 	 2
2.	PART – II		
	GENERAL ADMINISTRATIVE & SERVICES	 	 8
3.	PART – III		
	FINANCE	 	 NIL
4.	PART – IV		
	TECHNICAL	 	 23
5.	INDEX	 	 39

NEWS & NOTES

PART - I

I. GENERATION/RELIEF PARTICULARS:-

The Generation/Relief particulars for the month of July 2021 were as follows:

SI.No	Particulars	In Million Units
1.	TNEB GENERATION (Gross)	1
	Hydro	575.623
	Thermal	1554.205
	Gas	97.452
	Wind	0.515
	TNEB TOTAL	2227.795
П.	NETT PURCHASES FROM CGS	2909.216
Ш.	PURCHASES	
	IPP	124.263
	Windmill Private	2377.855
	CPP, Co- generation & Bio-Mass (Provisional)	41.770
	Solar (Private)	607.242
	Through Traders (nett purchase)	1515.698
	TOTAL PURCHASES	4666.829
IV.	Total Wheeling Quantum by HT consumers	599.550
	Total Wheeling Quantum to Other States by Pvt. Generators	23.261
	Total TNEB Power generation for sale	4.233
	TOTAL WHEELING	622.811
	Power Sale by TANGEDCO (Exchange)	(-) 4.233
	Power Sale by TANGEDCO (STOA under Bilateral)	0.000
	Power Sale by Private Generators (Exchange)	(-) 23.261
	Power Sale by Private Generators (Bilateral)	0.000
\	Power balance under SWAP	(-) 372.790
٧.	TOTAL (TNEB Own Gen + Purchase + wheeling quantum + SWAP)	10030.600
VI.	Load shedding & Power cut relief (Approx)	0
VII.	Less energy used for Kadamparai pump	1.940
	Less Aux. consumption for Hydro, Thermal & Gas	146.875
VIII.	AVERAGE PER DAY REQUIREMENT	324
IX.	DETAILS OF NETT PURCHASES FROM CGS & OTHER REGIONS: NNTPP	
	Neyveli TS-I Expansion	419.716
	Neyveli TS-II Expansion	144.332 65.482
	NTPL	184.566
	Neyveli TS –II Stage-1	100.094
	Neyveli TS –II Stage-2	119.484
	MAPS APS	82.208
	Kaiga APS	131.933
	Kudankulam NPCIL Unit 1&2	391.737
	Ramagundam NTPC (Stage 1 & 2)	275.839
	Ramagundam NTPC (Stage 3)	81.810
	Eastern region	15.854
	Talcher Stage – II NTPC	283.794

XIII.	Maximum Sustained Grid demand met in MW/Date Maximumconsumption reached in M.U/Date	15579 342.962	01.07.2021 30.07.2021
XII.	SWAP POWER RETURN/BANKING BY TNEB		(-) 372.790
	TOTAL		4542.565
	Solar (Pvt.)		607.242
	Windmill (Pvt.)		2377.855
	Bio-Mass		12.180
	Co-generation		29.090
	CPPs		0.500
	Through Traders		1515.698
XI.	DETAILS OF OTHER PURCHASES		
	TOTAL		124.263
	Pioneer Power Ltd (Penna)		0.000
	Lanco Tanjore Power Company Ltd (ABAN)		0.000
	TAQA Neyveli Power Company Pvt Ltd (STCMS)		124.690
Λ.	PPN Power Generating Company Pvt Ltd		(-)0.427
Χ.	DETAILS OF PURCHASES FROM IPPS		
	TOTAL NET PURCHASES		2909.216
	Intra State Deviation Settlement Mechanism (Provisional)		0.000
	Inter State Deviation Settlement Mechanism (Provisional)		(-)29.278
	Solar bundled NVVN power from NTPC stations		1.563
	Vallur NTFCI		116.897 503.311
			19.873
	Kudgi STPS,NTPC Simhadri Stage – II NTPC		

XIV. STORAGE POSITION:

The storage equivalent in MU as on **01.08.2021** is compared with that of the storage equivalent as on the same day last year as below (Figs. In MU):-

SI.No.	Name of the group	As on 1 st of the month this year	As on 1 st of the month Previous	Difference
		(2021)	year (2020)	
1.	Nilgiris	669.644	314.226	355.418
2.	P.A.P.	237.123	133.001	104.122
3.	Periyar	131.120	21.525	109.595
4.	Papanasam & Servalar	29.517	7.323	22.194
5.	Suruliyar	26.635	7.829	18.806
6.	Kodayar	152.290	135.753	16.536
7.	Total Excluding Mettur	1,246.329	619.657	626.672
8.	For Mettur	74.440	37.910	36.530

Executive Engineer/Grid.

PERFORMANCE OF THERMAL POWER STATIONS FOR DURING JULY 2021 i) TUTICORIN TPS (5X210 MW)

The details of generation at Tuticorin T.P.S. during July 2021 were as follows

	Unit	Availability	Generation in	Plant Load
		Factor (%)	MU	Factor (%)
I	(210 MW)	47.63	62.788	40.19
П	(210 MW)	25.51	32.363	20.17
Ш	(210 MW)	3.58	4.084	2.61
IV	(210 MW)	26.17	33.924	21.71
V	(210 MW)	75.15	99.852	63.91
	STATION	35.61	233.011	29.83

ii) METTUR TPS - I (4X210 MW)

The details of generation at Mettur T.P.S. during July 2021 were as follows

	Unit	Availability	Generation in	Plant Load
		Factor (%)	MU	Factor (%)
	(210 MW)	98.46	137.569	88.05
П	(210 MW)	31.08	43.038	27.55
Ш	(210 MW)	83.68	117.834	75.42
IV	(210 MW)	49.57	68.304	43.72
	STATION	65.70	366.745	58.69

iii) NORTH CHENNAI TPS - I (3X210 MW)

The details of generation at North Chennai T.P.S. during July 2021 were as follows

	Unit	Availability	Generation in	Plant Load
		Factor (%)	MU	Factor (%)
I	(210 MW)	100.00	128.465	82.22
П	(210 MW)	41.50	49.330	31.57
Ш	(210 MW)	83.85	110.760	70.89
	STATION	75.12	288.555	61.56

iv) METTUR TPS - II (1X600 MW)

The details of generation at Mettur T.P.S.- II during July 2021 were as follows

	Unit	Availability	Generation in	Plant Load
		Factor (%)	MU	Factor (%)
I	I (600 MW)	74.77	253.16	56.71
	STATION	74.77	253.16	56.71

v) NORTH CHENNAI TPS - II (2X600 MW)

The details of generation at North Chennai T.P.S. during July 2021 were as follows

	STATION	66.17	412.73	46.23
П	*II (600 MW)	33.45	99.26	22.24
I	I (600 MW)	98.88	313.47	70.22
		Factor (%)	MU	Factor (%)
	Unit	Availability	Generation in	Plant Load

2. GENERAL:

SI.No.	DETAILS	TTPS	MTPS-I	NCTPS-I	MTPS-II	NCTPS-11
1.	Specific Coal Consumption (Kg/kwhr)	0.959	0.793	0.838	0.757	0.790
2.	Specific Oil Consumption (ml/kwhr)	1.880	0.876	0.730	0.717	0.63
3.	Auxiliary Consumption (in %)	9.43	8.65	10.23	7.170	8.71

^{*}Unit-II of NCTPS-II was under shutdown from 01.07.2021/00:00 Hrs. due to bottom ash evacuation problem and synchronised at 15:10 Hrs/21.07.2021.

Chief Engineer/Mechanical/Thermal Stations.

COAL PARTICULARS FOR JULY 2021:

SI.			TTPS	MTPS.I	M.T.P.S II	NCTPS I	NCTPS II
No	Particul	ars			(1x600		(2x600
					MW)		MW)
					(in lakh tonr	nes)	
1.	Coal to be supplied?	*(Ind coal) **	4.27	4.42	3.16	2.22	3.77
	for the month of Au	gust 2021					
	As per FSA						
2.	Coal receipt	(Ind coal)	3.01	0.33	0.27	3.23	3.25
		(Imp coal)	0.00	0.00	0.00	0.00	0.00
	(SCCL coal), IE	3 VALLEY ARR	0.00	2.43	1.55	0	.00
	CC	DAL & Tal ARR					
3.	Coal consumption	(Ind coal)	2.23	0.00	0.45	2.42	3.25
		(Imp coal)	0.00	0.00	0.00	0.00	0.00
	(SCCL coal), IE	3 VALLEY ARR	0.00	2.91	1.47		
	CC	OAL & Tal ARR				0	.00
4.	Coal stock as on	(Ind coal)	2.40	0.74	0.21	3	.58
	30.06.2021	(Imp coal)	0.00	0.00	0.00	0	.13
	(SCCL coal), IB \	ALLEY ARR	0.00	1.95	1.42	0	.00
	CC	DAL & Tal ARR					

[@] ECHS/NCTPS COAL STOCK (External coal handling system) INDIAL : 1.8 LT & IMP : NIL

(*) As per Fuel Supply Agreement signed by TANGEDCO with MCL & as per MOU with SCCL.

Note: Ind coal - Indigenous coal,

imp coal - Imported coal

Executive Engineer/Mechl./Coal.

STATEMENT – A

STATEMENT SHOWING THE DETAILS OF POSTS CREATED DURING THE MONTH OF JULY 2021

SI. No.	Reference in which the posts were Created	Name of the Circle	Name of the Post	No of Post	Purpose	Period
L.	(Per.) CMD TANGEDCO Pro. No.53, (Adm.Br.) Dt.08.07.2021	Kallakurichi EDC	EE/EI. (Oper.) AEE/EI. (Mntce.) AEE/EI. (Shift) AE/JE/EI. I Gr./Mntce. Spl. Gr. FM TA LI WM FA/Maz.	1 1 1 1 2 2 4 2 0 2	Creation of 20 posts to the new 230/11 kV SS at Sankarapuram in SE/Kallakurichi EDC	For a period of one year from the date of utilisation of the posts.
5	(Per.) CMD TANGEDCO Pro. No.56, (Adm.Br.) Dt.28.07.2021	Gobi EDC	EE/EI. (Oper.) AEE/EI. (Mntce.) AEE/EI. (Shift) AE/JE/EI. I Gr./Mntce. Spl. Gr. FM TA LI WM FA/Maz.	1 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	Creation of 20 posts to the new 230/11 kV SS at Shenbagapudur in SE/Gobi EDC.	For a period of one year from the date of utilisation of the posts.

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α STATEMENT.

STATI	STATEMENT SHOWING TH	3 THE DETAILS	S OF POSTS ABOLISI	<u>1 – B</u> OLI SHEI	<u>STATEMENT - B</u> HE DETAILS OF POSTS ABOLISHED DURING THE MONTH OF JULY 2021	TH OF JULY 2021
SI.	Reference in	Name of the	Name of the No of	No of		
No.	No. which the posts	Circle	Post	Post	Purpose	Period
	were abolished					
			NIL			

Chief Engineer/Personnel.

GENERAL ADMN. & SERVICES

PART - II

Establishment – TANGEDCO – Data Cell Division – Re-designation of the post of Executive Engineer/Data Cell – Transfer of the administrative and technical control of Chief Engineer/Planning & Resource Centre/Chennai – Orders - Issued.

(Secretariat Branch)

(Per) CMD TANGEDCO Proceedings No.153

Dated 1st July 2021. Aani 17, Pilava Varudam, Thiruvalluvar Aandu-2052. READ:

- 1. (Per) CMD TANGEDCO Proceedings No.21 (SB) Dated 05.02.2020.
- 2. Memo. (Per) No.004296/38/G.37/G.371/2020-2, Dated 12.05.2020.
- 3. From the Chief Engineer/Planning & Resource Centre/Chennai U.O.Note No.CE/Plg & RC/SE/SS/EE/DC/F.Misc./D.No.149/2021, Dated 14.06.2021.

PROCEEDINGS

In the proceedings first read above, orders were issued transferring the administrative control of the Executive Engineer/Data Cell Division hitherto under the control of the Superintending Engineer/RE & I (D)/Chennai to the Chief Engineer/ Information Technology/Chennai.

- 2. The Chief Engineer/Planning & Resource Centre/Chennai has proposed to revive the function of Data Cell comprising of one Executive Engineer and three Assistant Executive Engineers hitherto under the control of Chief Engineer/ Information Technology to the control of Superintending Engineer/System Studies, in the Office of the Chief Engineer/Planning & Resource Centre to develop Data Cell into a single point resource centre of all Data covering Generation, Distribution and Transmission including finance and to re-designate the post of Executive Engineer/Data Cell as Executive Engineer/Data Cell and IT Network and Maintenance.
- 3. The proposal of Chief Engineer/Planning & Resource Centre has been examined and it has been decided to accept the same. Accordingly, it is hereby ordered that the nomenclature of the post of the Executive Engineer/Data Cell shall be re-designated as Executive Engineer/Data Cell and IT Network and Maintenance under the administrative and technical control of the Chief Engineer/IT and the incumbent of the above post shall report to the Superintending Engineer/System Studies in respect of reporting data cell activities and also to continue to monitor data cell and network maintenance work.
- 4. It is further ordered that, the two Assistant Executive Engineers/ Data Cell on diversion to IT wing shall be reverted back to Data Cell and all the three Assistant Executive Engineers shall report to Executive Engineer/Data Cell and IT Network and Maintenance with regard to Data Cell works only and all the three Assistant Executive Engineers hitherto under the control of Chief Engineer/IT shall be attached to the Superintending Engineer/System Studies under the administrative and technical control of Chief Engineer/Planning & Resource Centre.

5. It is also ordered that the Superintending Engineer/Information Technology-2 shall be nominated to co-ordinate with Superintending Engineer/ System Studies for revival of Data Cell and further improvement of MIS System to create a strong Data base.

(By Order of the Chairman – Cum – Managing Director)

A.Manikkannan, Secretary.

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Memo (Per) No.23813/A22/A222/2021-1, (BOSB) Dated 07.07.2021.

Sub: Establishment – TANGEDCO – Audit Branch – Additional work allocation to the Deputy Chief Internal Audit Officer/Internal Audit Cell and Deputy Chief Internal Audit Officer/Pension - Orders - Issued.

Ref:

- 1. (Per) CMD TANGEDCO Proceedings No.76 (SB), Dated 18.03.2013.
- 2. (Per) CMD TANGEDCO Proceedings No.35 (SB), Dated 18.02.2021.
- 3. Memo.(Per) No.33824/A22/A222/2020-1, Dated 30.04.2021.
- 4. From the Chief Internal Audit Officer (a/c)/Audit Branch U.O.Note No.17133/799/F1/F13/2021, Dated 23.06.2021.

In the reference first cited, among other things, orders were issued entrusting the subjects of Pension, CPS, RTI Act, Chief Minister's Cell petition and to supervise the functions of the other Deputy Chief Internal Audit Officers in the Headquarters and NCTPS to the Senior Deputy Chief Internal Audit Officer/Pension.

- 2. In the reference second cited, among other things, orders were issued for formation of Internal Audit Cell for continuous co-ordination with all circles for effective conduct of Internal Audit by the C.A. firms by redeploying the post of Deputy Chief Internal Audit Officer/Establishment to the Internal Audit Cell under the control of the Chief Financial Controller/General, Accounts Branch. In the said orders, it has also been directed that the Senior Deputy Chief Internal Audit Officer/Pension shall also supervise the establishment works of audit wing in TANGEDCO in addition to the works assigned to him.
- 3. In the reference third cited, the Deputy Chief Internal Audit Officer along with other posts allotted to Internal Audit Cell has again been placed under the control of the Chief Internal Audit Officer/Audit Branch by modifying earlier orders.
- 4. The Chief Internal Audit Officer (a/c), Audit Branch has stated that among other that one post of Senior Deputy Chief Internal Audit Officer/Pension is vacant. Hence, he has requested to entrust the supervising of establishment work of Audit wing and RTI/CM Cell Petitions to the Deputy Chief Internal Audit Officer Internal Audit Cell and Deputy Chief Internal Audit Officer/Pension respectively, till the post of Senior Deputy Chief Internal Audit Officer/Pension is filled up.
- 5. The proposal of the Chief Internal Audit Officer (a/c), Audit Branch has been examined in detail and decided to accept the same. Accordingly, it is hereby ordered that the supervising work of Establishment matters of Audit wing shall be attached to the Deputy Chief Internal Audit Officer/Internal Audit Cell and the subjects relating to RTI/CM Cell Petition shall be attached to the Deputy Chief Internal Audit Officer/Pension, in addition to their existing works as a temporary measure, until further orders.

(By Order of the Chairman – Cum – Managing Director)

A.Manikkannan, Secretary. Establishment – TANGEDCO – Reconstitution of Departmental Promotional Committee in respect of Class-I Officers – Orders – Issued.

(Secretariat Branch)

(Per) CMD TANGEDCO Proceedings No.155

Dated 7th July 2021. Aani 23, Pilava Varudam, Thiruvalluvar Aandu-2052. RFAD:

- 1. (Per) CMD TANGEDCO Proceedings No.185 (SB) Dated 23.08.2011.
- 2. (Per) CMD TANGEDCO Proceedings No.34 (SB) Dated 16.02.2021.
- 3. (Rt.) CMD TANGEDCO Proceedings No.14 (SB) Dated 19.04.2021.
- 4. (Rt.) CMD TANGEDCO Proceedings No.24 (SB) Dated 15.06.2021.

PROCEEDINGS

In the proceedings first read above, orders have been issued reconstituting the Departmental Promotional Committee for Class-I Officers categories.

- 2. In the proceedings second read above, the Joint Managing Director (Finance)/TANGEDCO/TANTRANSCO has been replaced as member of the Departmental Promotional Committee in the place of Director (Finance)/TANGEDCO and Director (Finance)/TANTRANSCO.
- 3. Consequent on the relief of Joint Managing Director (Finance)/TANGEDCO/TANTRANSCO and Joint Managing Director/TANGEDCO/TANTRANSCO, it has been decided to restore the Departmental Promotional Committee members for the following categories:
 - i) Stores Controller,
 - ii) Deputy Financial Controller
 - iii) Financial Controller.

Accordingly, it is hereby ordered that the Departmental Promotional Committee is hereby reconstituted for the categories of Class-I Officers as mentioned in column (2) and nominated the members in column (3) as Departmental Promotional Committee members in the table below with immediate effect:-

SI. No.	Name of the post	Departmental Promotional Committee Member
(1)	(2)	(3)
1)	i) Stores Controller ii) Deputy Financial Controller	i) Director (Finance)/TANTRANSCO ii) Secretary/TANGEDCO iii) Chief Financial Controller/General/ TANGEDCO
2)	Financial Controller	i) Director (Finance)/TANGEDCOii) Secretary/TANGEDCOii) Chief Financial Controller/General/TANGEDCO

(By Order of the Chairman – Cum – Managing Director)

A.Manikkannan, Secretary.

* * *

Establishment – TANGEDCO – Appointment of Advocates as Standing Counsels to represent the cases of the TNEB Limited, TANGEDCO and TANTRANSCO before Central Electricity Regulatory Commission (CERC) Appellate Tribunal for Electricity (APTEL) and other fora at New Delhi (except Supreme Court) – Orders - Issued.

(Secretariat Branch)

(Per) CMD TANGEDCO Proceedings No.158

Dated 12th July 2021. Aani 28, Pilava Varudam, Thiruvalluvar Aandu-2052. READ:

- 1. (Per) FB TANGEDCO Proceedings No.122 (SB), Dated 18.08.2020.
- 2. From the Ld.Advoate General of Tamil Nadu Letter in Roc. No.166/2021, Dated 23.06.2021.

PROCEEDINGS

It is hereby ordered that, the following Advocates be appointed as Standing Counsels to represent the TNEB Limited, TANGEDCO and TANTRANSCO before the Central Electricity Regulatory Commission (CERC), Appellate Tribunal for Electricity (APTEL) and other fora at New Delhi (except Supreme Court) from the date of assumption of charge:-

- 1. Thiru.S.Vallinayagam, B.Sc., LLB.
- 2. Tmt.Anusha Nagarajan, B.Sc., LLB.
- 2. The appointment of the said Standing Counsels shall be subject to the terms and conditions of appointment as in Annexure-I and the allocation of work shall be as indicated in the Annexure-II to these proceedings. The fee structure shall be as in (Per) CMD TANGEDCO Proceedings No.57 (SB) Dated 26.02.2021 and in (Per) CMD TANGEDCO Proceedings No.134 (SB) Dated 11.06.2021.

(By Order of the Chairman – Cum – Managing Director)

A.Manikkannan, Secretary.

ANNEXURE-I

TAMIL NADU GENERATION AND DISTRIBUTION CORPORATION LTD. TERMS AND CONDITIONS OF APPOINTMENT OF STANDING COUNSEL

1. Tenure of appointment

The Counsels shall hold office with effect from the date of assumption of charge until resignation is accepted or appointment is terminated by the CMD/TANGEDCO.

2. Duties and responsibilities

- (1) To advise the TANGEDCO/TANTRANSCO/TNEB Ltd., (hereinafter referred to as "Corporations") including its subordinate offices in all legal matters as and when required, whether within the allocation of work or specifically assigned.
- (2) To draw up, settle, revise and scrutinize draft agreements, deeds, contract documents, tenders, conveyance, lease, etc., as and when required.
- (3) To appear before the Court/Forum as per the allocation of work or as may be specifically assigned.
- (4) To prepare plaints, written statements, affidavits, counter affidavits, Grounds of Appeal, etc., and to do all other works incidental thereto in which he is to appear as per the allocation of work or such other cases specifically assigned. The officers concerned shall be advised suitably the requirement of filing documents (original or certified copy or photo copy) by way of typed set of papers or Proof Affidavit, as the case may be, and also the requirement of required/adequate witnesses to depose before the Court, wherever necessary.

- (5) To perform such other duties of legal nature as may be instructed from time to time.
- (6) If need be, the Counsel may recommend the engagement of any Senior Law Officers of the GoTN (Learned AG/AAG) or Senior Advocate or Advocate having special knowledge, stating specific reason for such recommendation. In case of recommending any Senior Advocate/Advocate, other than the Senior Law Officers of the GoTN, the fee structure of such Senior Advocate/Advocate shall also be obtained and sent along with the recommendation so as to get prior approval of the CMD/TANGEDCO.
- (7) To settle the reply version to the private/other notices issued against the Corporations and its subordinate offices which fall within the allocation of work or specifically assigned.
- (8) To ensure that the plaint, written statement, affidavit, counter affidavit, petition to vacate the interim order, proof affidavit, appeal with petition for interim stay, etc., as the case may be, are filed in time and numbered by the registry. In all cases of urgency/importance, he shall take every necessary steps and ensure that the case is listed before the Court for hearing.
- (9) To ensure that the Copy Applications to obtain the interim order, final order, judgment & decree, etc., are filed before the Court on the date of passing such orders by the Court and to ensure that such orders reach the officer concerned immediately on receipt from the registry.
- (10) To offer his/her general opinion in writing on such interim/final order or judgment and decree, etc., as the case may be, duly mentioning the date within which the order is to be complied and/or the Court to which the appeal, if any, will lie with due date within which the appeal to be filed within the limitation period prescribed in law for filling such appeal without filing any delay condonation petition, so that the competent authority concerned could consider to take a final decision as to whether to comply the order or to file appeal/review.

3. Special instructions

The Standing Counsels are debarred

- (1) from advising or holdings briefs/appearing against the Corporations.
- (2) from giving advise to private parties in cases in which the Standing Counsel may likely to be called on to advise the Corporations.

Note: The Standing Counsel will be the best Judge as to whether he can or cannot, under this terms and conditions, advise on a question of law to a private person who seeks his advise/opinion.

(3) He should not accept appointment as Director in any Company/Corporation without the prior approval of the TANGEDCO.

4. Fees

The Fees including retainer fee shall be as may be prescribed from time to time.

Note: The Counsel shall raise fee claim strictly as per the orders in force.

5. Travelling Allowances

In case of necessity to appear before any other Court/Forum which is situated in any other far off place other than the place to which the Counsel has to attend the Court/forum as per the allocation of work (i.e., Chennai to Madurai/Vellore/Mumbai/New Delhi, etc.), the Standing Counsel is eligible for Travelling Allowance at the rates applicable to the Officers in the rank of Superintending Engineer.

6. Distribution of work during emergent circumstances

In the event of resignation or termination of appointment of an existing Counsel or a set of Counsels or such other circumstances necessitates, the work of such Counsel(s) will be assigned/distributed to/among other Counsel(s) until further others.

7. Consent in case of change of vakalat

In the event of any change in the allocation of work or re-arrangement of Standing Counsels, wherever necessary, the outgoing Standing Counsel or whose work allocation is revised shall hand over the case bundles with upto date endorsement as may be necessary indicating the stage of the case and also to give consent in the name of his/her successor and sign in change of vakalat without any demur so as to enable the successor counsel to enter appearance in those cases without any hassle.

8. Co-ordination

The Counsel shall extent complete co-ordination with the officials and other Counsels.

9. Termination of the Appointments

The CMD/TANGEDCO shall have the full power and authority to terminate the appointment of any Counsel or all Counsels or the entire arrangements of Counsels of the Corporation without as signing any reason, after giving a month's notice in writing or paying a month's retainer fee in lieu thereof.

ANNEXURE-II

	ANNEXURE-II				
SI.No.	Name of the Standing Counsel (Thiru/Tmty.)	Allocation of work			
1.	S.Vallinayagam, B.Sc., LL.B., Ms.671(1)/1995 Standing Counsel. Chamber No.311, C.K.Dapthary Chamber Block Tilak Lane, New Delhi 110 001. 9868113095 Vallinayagam2003@live.com	All TANTRANSCO cases and transmission cases of TANGEDCO before the CERC, APTEL and such other fora at New Delhi (except Supreme Court).			
	Office-cum-Residence M-1007, KDP Grand Savanna, Raj Nagar Extension, Ghaziabad, Uttar Pradesh – 201 017.				
2.	Anusha Nagarajan, BSL, LL.B D/1925-H/2007 Standing Counsel.	All TANGEDCO cases (except transmission cases) before the CERC, APTEL and such other fora at New Delhi (except Supreme Court).			
	Office A-35, First Floor, Defence Colony, New Delhi – 110 024. 011-41006643 9654116464 anusha.nagarajan@anlawchambers	County.			
	Residence 1503, Tower -33 Lotus Boulevard Espacia, Sector 100, Noida – 201 301.				

Establishment – TANGEDCO – Appointment of Advocates as Standing Counsels to represent the cases of the TNEB Limited, TANGEDCO and TANTRANSCO before the Principal Bench at High Court of Madras and other fora at High Court, Madras - Orders – Issued.

(Secretariat Branch)

(Per) CMD TANGEDCO Proceedings No.159

Dated 12th July 2021. Aani 28, Pilava Varudam, Thiruvalluvar Aandu-2052. READ:

- 1. (Per) FB TANGEDCO Proceedings No.27 (SB) Dated 30.08.2011.
- 2. (Per) CMD TANGEDCO Proceedings No.214 (SB) Dated 22.11.2019.
- 3. (Per) CMD TANGEDCO Proceedings No.222 (SB) Dated 03.12.2019.
- 4. From the Learned Advocate General of Tamil Nadu Letter in Roc. No.172/2021, Dated 28.06.2021.

PROCEEDINGS

It is hereby ordered that, the following Advocates be appointed as Standing Counsels to represent the TNEB Limited, TANGEDCO and TANTRANSCO before the Principal Bench of High Court of Madras and other fora situated at the Principal Bench of High Court, Madras, from the date of assumption of charge: -

Thiruvalargal/Tmty.

- 1. P.Subramanian, B.Sc., MA, B.L., PG Dip.in Labour Laws.
- 2. M.Abul Kalam, B.Sc., B.L.
- 3. L.Jaivenkatesh, B.A., B.L.
- 4. J.Hemalatha Gajapathy, B.Sc., B.L.,
- 5. S.Madhusudanan, B.A., LL.B., M.L.,
- 2. The appointment of the above said Standing Counsels shall be subject to the terms and conditions of appointment as in Annexure-I and the allocation of work shall be as indicated in the Annexure-II. The fee structure shall be as in (Per) CMD TANGEDCO Proceedings No.57 (SB) Dated 26.02.2021 and in (Per) CMD TANGEDCO Proceedings No.134 (SB) Dated 11.06.2021.

(By Order of the Chairman – Cum – Managing Director)

A.Manikkannan, Secretary.

TO:

 Thiru.P.Subramanian, B.Sc., MA, B.L., PG Dip. In Labour Laws,

587/1988

Standing Counsel.

Office:

146, Additional Law Chambers, High Court Buildings, Chennai-600 104. 9884141098.

Residence:

Old No.39, New No.47, Secretariat Colony, Second Street, Kellys, Kilpauk, Chennai-600 010.

2. Thiru.M.Abul Kalam, B.Sc., B.L. 235/78.

Standing Counsel.

Office:

271-276, New Addl. Law Chambers, High Court Buildings, Chennai – 600 104. 044-25342022 9841256633 Kalam271hc@gmail.com

Residence:

Anand Complex, Third Floor, 303 (194) E.V.R.High Road, Kilpauk, Chennai – 600 010. 044-42858999

3. Thiru.L.Jaivenkatesh, B.A., B.L. 58/2001
Standing Counsel.

Address:

Old No.56, New No.150, Vanniyar Street, Choolaimedu, Chennai – 600 094.

kottaivenkatesh@gamil.com

4. Tmty.J.Hemalatha Gajapathy, B.Sc., B.L., 865/1989
Standing Counsel

Officer:

282, Law Chambers, High Court Buildings, Chennai – 600 104. 9840424414 9790841965

hemalathaqaj@gmail.com

Residence:

S-2, Second Floor, Block No.6, Pace Prana Apartments, Padikuppam Road, Thirumangalam, Chennai – 600 040.

5. Thiru.S.Madhusudanan, B.A.,LL.B., M.L., 1196/2005
Standing Counsel.

Office:

No.117-B/32, G.N.Chetty Road, T.Nagar, Chennai -600 017. 044-28344443 9444000938 Madhulaw21@yahoo.com

Residence:

12/39, Sunkuwar Steet, Triplicane, Chennai – 600 005.

ANNEXURE-I

TAMIL NADU GENERATION AND DISTRIBUTION CORPORATION LTD. TERMS AND CONDITIONS OF APPOINTMENT OF STANDING COUNSEL

1. Tenure of appointment

The Counsels shall hold office with effect from the date of assumption of charge until resignation is accepted or appointment is terminated by the CMD/TANGEDCO.

2. Duties and responsibilities

- (1) To advise the TANGEDCO/TANTRANSCO/TNEB Ltd., (hereinafter referred to as "Corporations") including its subordinate offices in all legal matters as and when required, whether within the allocation of work or specifically assigned.
- (2) To draw up, settle, revise and scrutinize draft agreements, deeds, contract documents, tenders, conveyance, lease, etc., as and when required.
- (3) To appear before the Court/Forum as per the allocation of work or as may be specifically assigned.
- (4) To prepare plaints, written statements, affidavits, counter affidavits, Grounds of Appeal, etc., and to do all other works incidental thereto in which he is to appear as per the allocation of work or such other cases specifically assigned. The officers concerned shall be advised suitably the requirement of filing documents (original or certified copy or photo copy) by way of typed set of papers or Proof Affidavit, as the case may be, and also the requirement of required/adequate witnesses to depose before the Court, wherever necessary.
- (5) To perform such other duties of legal nature as may be instructed from time to time.
- (6) If need be, the Counsel may recommend the engagement of any Senior Law Officers of the GoTN (Learned AG/AAG) or Senior Advocate or Advocate having special knowledge, stating specific reason for such recommendation. In case of recommending any Senior Advocate/Advocate, other than the Senior Law Officers of the GoTN, the fee structure of such Senior Advocate/Advocate shall also be obtained and sent along with the recommendation so as to get prior approval of the CMD/TANGEDCO.
- (7) To settle the reply version to the private/other notices issued against the Corporations and its subordinate offices which fall within the allocation of work or specifically assigned.
- (8) To ensure that the plaint, written statement, affidavit, counter affidavit, petition to vacate the interim order, proof affidavit, appeal with petition for interim stay, etc., as the case may be, are filed in time and numbered by the registry. In all cases of urgency/importance, he shall take every necessary steps and ensure that the case is listed before the Court for hearing.
- (9) To ensure that the Copy Applications to obtain the interim order, final order, judgment & decree, etc., are filed before the Court on the date of passing such orders by the Court and to ensure that such orders reach the officer concerned immediately on receipt from the registry.
- (10) To offer his/her general opinion in writing on such interim/final order or judgment and decree, etc., as the case may be, duly mentioning the date within which the order is to be complied and/or the Court to which the appeal, if any, will lie with due date within which the appeal to be filed within the limitation period prescribed in law for filling such appeal without filing any delay condonation petition, so that the competent authority concerned could consider to take a final decision as to whether to comply the order or to file appeal/review.

3. Special instructions

The Standing Counsels are debarred

- (1) from advising or holdings briefs/appearing against the Corporations.
- (2) from giving advise to private parties in cases in which the Standing Counsel may likely to be called on to advise the Corporations.

Note: The Standing Counsel will be the best Judge as to whether he can or cannot, under this terms and conditions, advise on a question of law to a private person who seeks his advise/opinion.

(3) He should not accept appointment as Director in any Company/Corporation without the prior approval of the TANGEDCO.

4. Fees

The Fees including retainer fee shall be as may be prescribed from time to time.

Note: The Counsel shall raise fee claim strictly as per the orders in force.

5. Travelling Allowances

In case of necessity to appear before any other Court/Forum which is situated in any other far off place other than the place to which the Counsel has to attend the Court/forum as per the allocation of work (i.e., Chennai to Madurai/Vellore/Mumbai/New Delhi, etc.), the Standing Counsel is eligible for Travelling Allowance at the rates applicable to the Officers in the rank of Superintending Engineer.

6. Distribution of work during emergent circumstances

In the event of resignation or termination of appointment of an existing Counsel or a set of Counsels or such other circumstances necessitates, the work of such Counsel(s) will be assigned/distributed to/among other Counsel(s) until further others.

7. Consent in case of change of vakalat

In the event of any change in the allocation of work or re-arrangement of Standing Counsels, wherever necessary, the outgoing Standing Counsel of whose work allocation is revised shall hand over the case bundles with upto date endorsement as may be necessary indicating the stage of the case and also to give consent in the name of his/her successor and sign in change of vakalat without any demur so as to enable the successor counsel to enter appearance in those cases without any hassle.

8. Co-ordination

The Counsel shall extent complete co-ordination with the officials and other Counsels.

9. Termination of the Appointments

The CMD/TANGEDCO shall have the full power and authority to terminate the appointment of any Counsel or all Counsels or the entire arrangements of Counsels of the Corporation without signing any reason, after giving a month's notice in writing or paying a month's retainer fee in lieu thereof.

ANNEXURE-II

	ANNEXURE-II				
SI.	Name	Allocation of work			
No.	(Thiru/Tmty.)				
1.	Thiru.P.Subramanian, B.Sc., MA, B.L.,	Writs - Labour and Employees' Service			
	PG Dip. In Labour Laws,587/1988	matters and criminal cases of TANGEDCO			
	Standing Counsel.	& TANTRANSCO before the Principal Bench			
	Office:	of Madras High Court.			
	146, Additional Law Chambers,	&			
	High Court Buildings, Chennai-600 014.	Labour Courts at Chennai.			
	9884141098.	&			
	Permanent Address:	Theft of energy cases of TANGEDCO			
	Old No.39, New No.47,	before the Special Court/Chennai and			
	Secretariat Colony, Second Street, Kellys,	Criminal cases before the subordinate			
	Kilpauk, Chennai-600 010.	Courts within High Court complex.			
2.	Thiru.M.Abul Kalam, B.Sc., B.L.	Writs - TANGEDCO cases (except Labour			
	235/78. Standing Counsel.	& Service matters) of Erode, Coimbatore,			
	Office:	Trichy, Madurai and Tirunelveli			
	271-276, New Addl. Law Chambers,	Distribution Regions and all Power			
	High Court Buildings, Chennai – 600 104.	Stations/Projects, before the Principal			
	044-25342022	Bench of Madras High Court.			
	9841256633				
	Kalam271hc@gmail.com				
	Residence:				
	Anand Complex, Third Floor,				
	303 (194) E.V.R.High Road, Kilpauk,				
	Chennai – 600 010. 044-42858999				

3.	Thiru.L.Jaivenkatesh, Ms.No.458/2001 Standing Counsel.	Writs – TANGEDCO cases (except Labour & Service matters) of Headquarters offices, Chennai/North, Chennai/South,
	Address:	Vellore & Villupuram Distribution Regions
	Old No.56, New No.150,	and such other offices not Specifically
	Vanniyar Street, Choolaimedu,	allocated to any other Standing Counsel,
	Chennai – 600 094.	before the Principal Bench of Madras High
	kottaivenkatesh@gamil.com	Court.
4.	Tmty.J.Hemalatha Gajapathy,	All civil cases of TANGEDCO &
	865/1989	TANTRANSCO before the Principal Bench
	Standing Counsel	of Madras High Court; Arbitration cases;
	Officer:	and City Civil, Small Causes & MACT
	282, Law Chambers,	Courts at Chennai.
	High Court Buildings, Chennai – 600 104.	
	9840424414	
	9790841965	
	hemalathagaj@gmail.com	
	Residence:	
	S-2, Second Floor, Block No.6,	
	Pace Prana Apartments,	
	Padikuppam Road, Thirumangalam,	
	Chennai – 600 040.	
5.	Thiru.S.Madhusudanan, B.A., LL.B., M.L.,	Writs - TANTRANSCO Cases (except
	Ms.1196/2005	Labour & Service) before the Principal
	Standing Counsel.	Bench of Madras High Court.
	Office:	
	No.117-B/32,	
	G.N.Chetty Road, T.Nagar,	
	Chennai -600 017.	
	044-28344443	
	9444000938	
	Madhulaw21@yahoo.com	
	Residence:	
	12/39, Sunkuwar Steet,	
	Triplicane, Chennai – 600 005.	

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Establishment – TANGEDCO – Utilization of Junior Auditors selected through Internal Selection in Audit wing - Redeployment of certain posts of Junior Auditor from Headquarters to certain Distribution Regions in Audit Wing – Orders - Issued.

(Secretariat Branch)

(Per) CMD TANGEDCO Proceedings No.160

Dated 12th July 2021. Aani 28, Pilava Varudam, Thiruvalluvar Aandu-2052. READ:

- 1) (Per) CMD TANGEDCO Proceedings No.19 (SB), Dated 05.02.2020.
- 2) From the Chief Engineer/ Personnel/ Administrative Branch U.O. No.7634/79/G56/G561/2019-14, Dated 14.07.2020.
- 3) From the Chief Internal Audit Officer (a/c), Audit Branch U.O.Note No.25632/1324/F1/F13/ 2020, Dated 15.09.2020.
- 4) Memo. (Per) No.15712/A22/A222/2021-1, Dated 18.06.2021.

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PROCEEDINGS

In the proceedings first read above, orders were issued creating 25 posts of Junior Auditor in Headquarters/Regional Offices to look after the day to day works in Audit Branch by duly abolishing 23 posts of Auditors in Headquarters/Regional Offices with effect from the date of utilization of the newly created posts.

- 2. In the U.O. second read above, orders were issued allotting 52 nos. of employees for appointment as Junior Auditor in Audit Branch selected through internal selection for the betterment of Audit Branch subject to certain conditions.
- 3. In the U.O. third read above, the Chief Internal Audit Officer (a/c), Audit Branch has requested for administrative approval to appoint the 52 nos. of employees selected through Internal Selection as Junior Auditor in Audit Branch and to utilize 16 nos. of sanctioned post of Junior Auditor from Headquarters to Regional offices, out of the 52 nos. of selected candidates for appointment as Junior Auditors.
- 4. The proposal has been examined in detail and it has been decided to accept the same. Accordingly, it is hereby ordered that the 36 nos. of employees selected through Internal Selection shall be appointed as Junior Auditors against the existing vacant post of Junior Auditors in Headquarters/Regional offices and the following posts of Junior Auditors in Headquarters shall be redeployed to the Regional Offices in Audit Branch:-

<u> </u>			
SI. No.	Section from which the Junior Auditor post is redeployed	No. of posts	Proposed posts
	1 3	ρυσισ	
1.	F2	1	Chief Engineer/TTPS
2.	F3	1	Chief Engineer/Distribution/
3.	F4	1	Chennai Region (North)
4.	F5	1	Chief Engineer/ Distribution/ Chennai Region (South)
5.	F6	1	
6.	F7	1	Chief Engineer/Distribution/
7.	F8	1	Tirunelveli Region
8.	F9	1	
9.	F10	1	
10.	F16	2	Chief Engineer/Distribution/
11.	F17	1	Madurai Region
12.	F18	1	
13.	F25	1	Chief Engineer/Distribution/
14.	F40	2	Vellore Region
	Total	16	

- 5. The incumbents of the posts ordered in para-4 above, will be eligible to draw the usual pay, Dearness Allowance, House Rent Allowance, City Compensatory Allowance and other allowances at the rates admissible under the orders in force wherever applicable.
 - 6. The expenditure is debitable to the following head of account:

"TANGEDCO Funds – Revenue Expenses – 75 – Employees costs 75.1 – Salaries – 75.110 – Salaries Provincial".

(By Order of the Chairman – cum – Managing Director)

A.Manikkannan, Secretary. Establishment – TANGEDCO – Reconstitution of Departmental Promotion Committee in the rank of Chief Engineer - Orders – Issued.

(Secretariat Branch)

(Per) CMD TANGEDCO Proceedings No.161

Dated 12th July 2021. Aani 28, Pilava Varudam, Thiruvalluvar Aandu-2052. READ:

- 1) (Per) CMD TANGEDCO Proceedings No.55 (SB), Dated 19.03.2011.
- 2) (Per) CMD TANGEDCO Proceedings No.200 (SB), Dated 08.11.2018.
- 3) (Per) CMD TANGEDCO Proceedings No.33 (SB), Dated 16.02.2021.
- 4) (Rt.) CMD TANGEDCO Proceedings No.14 (SB), Dated 19.04.2021.
- 5) (Rt.) CMD TANGEDCO Proceedings No.24 (SB), Dated 15.06.2021

PROCEEDINGS

In the proceedings first and second read above, the Departmental Promotional Committee in the rank of Chief Engineer has been reconstituted.

- 2. In the proceedings third read above, consequent on the appointment of the Joint Managing Director (Finance)/TANGEDCO/TANTRANSCO and the Joint Managing Director/TANGEDCO/TANTRANSCO Departmental Promotional Committee in the rank of Chief Engineer has again been reconstituted.
- 3. Consequent on the relief of Joint Managing Director (Finance)/ TANGEDCO/TANTRANSCO and Joint Managing Director/TANGEDCO/TANTRANSCO, it has been decided to reconstitute the Departmental Promotional Committee members. Accordingly, it is hereby ordered that the Departmental Promotional Committee in the rank of Chief Engineer is hereby reconstituted with the following members with immediate effect:
 - i) Chairman-cum-Managing Director/TANGEDCO
 - ii) Managing Director/TANTRANSCO
 - iii) Director (Distribution)/TANGEDCO
 - iv) Director (Finance)/TANGEDCO
 - V) Director (Finance)/TANTRANSCO(By Order of the Chairman cum Managing Director)

A.Manikkannan, Secretary.

* * *

Establishment – TANGEDCO – Work allocation for the post of Deputy Secretary/TANTRANSCO - Orders – Issued.

(Secretariat Branch)

(Per) CMD TANGEDCO Proceedings No.166

Dated 23rd July 2021. Aani 7, Pilava Varudam, Thiruvalluvar Aandu-2052. READ:

- 1) (Per) CMD TANGEDCO Proceedings No.202 (SB), Dated 24.08.2012.
- 2) (Per) CMD TANGEDCO Proceedings No.105 (SB), Dated 08.04.2013.
- 3) Memo.(Per) No.15282/A22/A222/2020-1, Dated 20.04.2020.

PROCEEDINGS

In the reference first read above, orders were issued creating one post of Deputy Secretary in Secretariat Branch and diverting the said post to the Office of the Managing Director/TANTRANSCO.

- 2. In the reference second read above, orders were issued forming a separate inspection team by creating one post of Under Secretary and one post of Section Officer in Secretariat Branch to conduct inspection in all the General Construction Circle and Chennai Development Circle of TANTRANSCO, and to work the under the control of Deputy Secretary/TANTRANSCO/Chennai.
- 3. In the reference third read above orders were issued dispensing the procedure of Annual Inspection by the Secretariat Branch and among other things A18 Section/Secretariat Branch has been attached to the Under Secretary/TANTRANSCO and A9, A12 and A13 Sections has been attached to the Assistant Board Secretariat Officer/TANTRANSCO.
- 4. The Managing Director/TANTRANSCO has requested to issue delegation of powers to look after the establishment matters such as leave sanction, sanction of Increment of Class-I Officers of TANTRANSCO wing, periodical Inspection of field offices of TANTRANSCO and other administrative matters relating exclusively to TANTRANSCO, except transfer and posting and Disciplinary Proceedings by the Deputy Secretary/TANTRANSCO.
- 5. The proposal of the Managing Director, TANTRANSCO has been examined in detail and decided to allocate certain subjects relating to administrative matters of Class-I Officers of TANTRANSCO wing to the Deputy Secretary/TANTRANSCO. Accordingly, it is hereby ordered that the following subjects shall be attached to the Deputy Secretary/TANTRANSCO:
 - a) Sanction of leave exceeding 30 days to the Executive Engineer and its equivalent rank of Officers of TANTRANSCO.
 - b) Sanction of all kinds of leave to the Superintending Engineer and it equivalent rank of Officers of TANTRANSCO.
 - c) Sanction of Increment to the Superintending Engineer and its equivalent rank of officers of TANTRANSCO.
 - d) Periodical inspection of field offices of TANTRANSCO on their Administrative Performance.
 - e) Any other administrative matters relating to TANTRANSCO wing exclusively.

(By Order of the Chairman – cum – Managing Director)

A.Manikkannan, Secretary.

* * *

FINANCE

PART - III

--NIL--

TECHNICAL

PART -IV

MTPS-I & NCTPS-I — Establishment — Class III Service — Er.S.Kasirajan, JE II Gr./ Safety/MTPS-I and Er.S.Lokesh, TA/O&E/NCTPS-I — Deputing to study one year full time course of Diploma in Industrial Safety during 2021-2022 at the Regional Labour Institute, Chennai as a sponsored candidates of TANGEDCO - Approval -Accorded.

(Technical Branch)

(Per.) CMD TANGEDCO Proceedings No.98

Dated 9th July 2021. Aani-25, Pilava Varudam, Thiruvalluvar Aandu-2052. READ:

Note approved by the CMD/TANGEDCO on 08.07.2021.

PROCEEDINGS:

- 1. At present, out of 2 Nos. of safety officer, only one safety officer is available in MTPS-I & TTPS. It is essentially needed to appoint a second Safety Officer post at MTPS-I & TTPS. Er.S.Kasirajan working as Junior Engineer/Mechanical Gr.II/Safety in MTPS-I has submitted his representation/willingness letter to study the prescribed Diploma in Industrial Safety course. The Chief Engineer/MTPS-I has recommended and submitted the note to depute Er.S.Kasirajan, Junior Engineer/Mechanical Gr.II/Safety/MTPS-I for studying one year full time Diploma course in Industrial Safety at the Regional Labour Institute, Chennai during 2021-2022. Er.S.Lokesh working as Technical Assistant/Mechanical/O&E in NCTPS-I has submitted his representation/willingness letter to study the prescribed Diploma in Industrial Safety course. The Chief Engineer/NCTPS-I has recommended and submitted the note to depute Er.S.Lokesh, Technical Assistant/Mechanical/O&E/NCTPS-I for studying one year full time Diploma course in Industrial Safety at the Regional Labour Institute, Chennai during 2021-2022.
- After careful consideration, approval is hereby accorded for the deputation of Er.S.Kasirajan, Junior Engineer/Mechanical Gr.II/Safety/MTPS-I and Er.S.Lokesh, Technical Assistant/Mechanical/O&E/NCTPS-I for studying one year full time Diploma Course in Industrial Safety at the Regional Labour Institute, Chennai commencing from July 2021.
- 3. The following Tentative expenditure has to be incurred by TANGEDCO towards the deputation of the above Engineers:

	3		
SI.No.	Details	Amo	ount
		Er.S.Kasirajan	Er.S.Lokesh
1.	Course Fee	Rs.10,000/-	Rs.10,000/-
2.	Caution Deposit	Rs.2,500/-	Rs.2,500/-
		(Refundable)	(Refundable)
3.	Purchase of Books, Course materials Stationeries, Preparation of Project/Team Work reports, Seminar Fee, Examination fees, etc	Rs.30,000/- (Approximate)	Rs.30,000/- (Approximate)
4.	Salary for One year @ Rs.61,023/- per month for JE Gr.II and salary for one year @ Rs.35,281/- for TA/Mech. (for 10 Months Approximate) as per the pay slip of June'2021	Rs.6,10,230/-	Rs.3,52,810/-
	Total Expenditure	Rs.6,52,730/-	Rs.3,95,310/-

Gross Expenditure Rs.10,48,040/- (Rupees Ten Lakh Forty Eight Thousand	
and Forty Only)	

- 4. Further the following other expenditure have also to be incurred by TANGEDCO: -
 - (a) TA & DA has to be borne for 2 times (1st time for interview & 2nd time for undergoing the course).
 - (b) TA & DA in connection with the Local/Out station factory visits.
 - (c) Examination fee and other related fee as prescribed by the Board of examination, Directorate of Technical Education, Government of Tamilnadu.
- 5. The expenditure sanctioned in para 3 above is debitable to TANGEDCO Funds Revenue Expenses-76. Administrative & General Expenses.76.154 Training Expenses Training programme for TANGEDCO Personnel.
- 6. The Terms and Condition for the deputation is as per the Annexure of this proceeding and has to be strictly adhered.

(By order of the Chairman-cum-Managing Director)

S.E.S.Syed Ahamed, Chief Engineer/IC,R&C.

ANNEXURE

TERMS AND CONDITIONS FOR DEPUTATION OF TANGEDCO ENGINEER FOR STUDYING ONE YEAR FULL TIME DIPLOMA COURSE DURING 2021-2022 IN INDUSTRIAL SAFETY AT REGIONAL LABOUR INSTITUTE, CHENNAI AT TANGEDCO'S COST.

The period of deputation shall be from the date of commencement of the course in the academic year in which the officers are deputed till the date of completion of the course in the last semester. The date of commencement and completion of the course would be intimated by the Regional Labour Institute, Chennai.

- 2) The period of deputation shall be treated as on duty. The pay of the Officers shall be claimed against the post from which he/she is deputed and has to be disbursed by the respective pay disbursing officer directly according to the rules in force. The Officer deputed will continue to be allowed to draw, during the period of deputation, besides their pay and DA, other allowances like HRA. CCA etc., as applicable to that place where he/she worked prior to deputation excluding special pay, if any. He/ she is not eligible for any other allowances during the period of deputation.
 - 3) (i) The officer debuted should arrange to pay all the fees himself/herself to avoid delay in payment and get it reimbursed from the concerned pay disbursing officer on production of the receipts issued by the institute.

(or)

The Officer deputed should draw an advance amount from the pay disbursing officer and make the payment to the Institute and immediately settle the advance by producing the receipts issued by the Institute.

- (ii) The payment towards Admission fees, Application fees, Counselling fees, Tuition fees, Special fees, Examination fees, Students Aid Fund fee, fee for Mark Sheets and Grade Certificate is to be met by TANGEDCO.
- (iii) It is the responsibility of the officer deputed to get refund of the Refundable Deposits like Caution/Security/Library Deposit, if any remitted, at the end of the course and remit it back to TANGEDCO.

- (iv) Payment towards Co-operative Society etc., has to be met only by the officer deputed and it will not be reimbursed. The pay disbursing officer can refer to the institute in case of any doubt.
- (v) The other expenses which are not specified above and are trivial in nature have to be met only by the officer deputed.
- 4) The officer deputed should himself/herself meet the deposits, expenses etc., of the hostel accommodation.
 - (5) (i) The officer deputed is eligible for TA and DA as applicable for normal transfer according to TA regulations in force.
 - (ii) The officer deputed is eligible only for the actual journey time and is not eligible for joining time.
 - 6) (i) The officer debuted should execute a bond in Non-judicial stamp paper to TANGEDCO with the condition to continue in the employment of service to which he/she belongs or to which he/she may be transferred subsequently by the competent authority, for a period of 7 years after the completion of the course and also to refund the entire cost to TANGEDCO in case he/she fails to qualify for the degree or if he/she happens to quit the service of TANGEDCO before expiry of 7 years from the completion of the course.
 - (ii) The value of Stamp paper shall be Rs.80.00 and the amount of bond is for the actual cost of training plus actual salary etc., received during the training period.
 - (iii) The sureties should be of departmental employees only.
 - (iv) The officer deputed will be relived from the post for the deputation only on submission of the surety bond.
 - (v) The bond should be sent to Chief Engineer/Personnel, TANGEDCO for acceptance and for custody.
 - (vi) The provision for recovery of the bond amount is intended only to meet contingencies which make it impossible for TANGEDCO to ensure the continued service of the individual for the prescribed period. The provision as above does not mean that the individual on return from studies should except TANGEDCO to willingly send him/her on deputation elsewhere during the prescribed period accepting his/her plea that he/she will refund the cost of training etc., TANGEDCO would expect the officer who enjoy such privileges of higher education at TANGEDCO's expense to be loyal to TANGEDCO and allow TANGEDCO to have the benefit of the additional education.
 - (vii) A specimen copy of Bond is enclosed.
- 7) The officer deputed should complete the course within the period fixed by the Institute. No extension of time is permissible. Otherwise all costs incurred consequent to the deputation including salary etc., will be recovered.
- 8) Since the individual is deputed for additional education at TANGEDCO's cost, no lumpsum or advance increment will be awarded after successful completion of the course.

SURETY BOND TO BE EXECUTED BY THE ENGINEER DEPUTED FOR STUDYING ONE YEAR FULL TIME DIPLOMA COURSE DURING 2021-2022 IN INDUSTRIAL SAFETY AT REGIONAL LABOUR INSTITUTE CHENNAL AT TANGEDCO'S COST

INSTITUTE CHENNAL, AT TANGEDOUS COST
Know all men by these present that we (a)
S/o D/oresident of
Employed as under TANGEDCO (herein after called the obligor) which expression shall where the context so admits include his/her heirs and legal representatives and b (i) Thiru/SelviSon/Daughter of (full address to be given) residing at
b (i) Third/Selvi
and
b (ii) Thiru/SelviSon/Daughter of
residing at
(herein after called the sureties which expression—shall where the context so admits includes his/her heirs and legal representatives) are held firmly and do hereby jointly and severally bind ourselves to pay to TANGEDCO on demand the sum Rs
(RupeesOnly) on account of the fact that obligor has been
placed on deputation for undergoing Diploma in Industrial Safety for the period fromtoat the cost of TANGEDCO together with interest thereon from the date of demand at
rates payable for the time being in force in respect of Tamil Nadu Government Loans to TANGEDCO.
Dated this day of (month) two thousand
NOW THE CONDITION OF THE ABOVE WRITTEN OBLIGATION IS THAT in the event of the above obligor Thiru/Selvi
In the Presence of witnesses:
1.
2. Signature of the obligar
Signature of the obligor. In the Presence of witnesses:
1.
2. Signature of the Surety (1)
Signature of the Surety (1) Signature of the Surety (2)
Signature of the Surety (2)

ACCEPTED

For and on behalf of TANGEDCO in the presence of witnesses:

1.

2.

//True Copy//

* * *

TANGEDCO – IT wing – Virtual Private Network (VPN) provision to access the in-house IT applications - Approval - Regarding.

(Technical Branch)

(Per) CMD/TANGEDCO Proceedings No.100

Dated 15th July 2021. Aani-25, Pilava Varudam, Thiruvalluvar Aandu-2052. READ:

CMD e-Note approval: NOTE (APPROVAL): I/143/2021, Dated 08.07.2021.

PROCEEDINGS:

The Chairman cum Managing Director/TANGEDCO after careful consideration has approved the proposal of the Chief Engineer/IT for the following:

- (1) Virtual Private Network (VPN) access will be provided to TNEB officers carrying out software development works and the VPN access approval has to be reviewed by concerned SE and seek Superintending Engineer/Information Technology-I approval once in 3 months.
- (2) VPN access will be provided to TNEB field offices without VPNoBB/Fibre/Any other mode and try to get any one of the said mode of connection at the earliest. Further, VPN access approval has to be reviewed by concerned Superintending Engineer and seek Superintending Engineer/Information Technology-1 approval every year.
- (3) Other than 1 & 2, Board employees seeking VPN access will be provided on case to case basis and be reviewed by concerned Superintending Engineer and seek Superintending Engineer/Information Technology-1 every week.
- (4) For external agencies, VPN access will not be provided to Production and Test environment. However, access will be provided to development environment based on approval of Chief Engineer/Information Technology for IT vendors and concerned Director for Non-IT wing Vendors and to be reviewed and renewed every week.
- (5) In case of seeking external vendor support to meet out any emergency work, the Microsoft Teams/Cisco Webex Video Conferencing applications may be used for remote support in presence of concerned Board Engineer and the whole process has to be recorded.

(By order of the CMD/TANGEDCO)

T.A.Seralathan, Chief Engineer/IT.

* * *

TANGEDCO – Mettur Thermal Power Station-II – Design, Supply, Erection and commissioning of Augmentation of Dry Fly ash Handling system (DPPCS – Dense phase pneumatic conveying system) for the first two rows of ESP fields to handle the Fly ash collection from 16 Nos of front line hoppers, Conveying to new intermediate Fly ash silo and transporting to the existing 2x4152 MT RCC Fly Ash silo by pressurized pneumatic system – Administrative - Approval - Accorded.

(Technical Branch)

Per (CMD) TANGEDCO Proceedings No.101

Dated 16th July 2021. Aani-32, Pilava Varudam, Thiruvalluvar Aandu-2052. RFAD:

Note approval by CMD vide SAP File No.NOTE: MTPS-II/5/2021 on 15.07.2021.

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PROCEEDINGS:

Approval is hereby accorded for Design, Supply, Erection and commissioning of Augmentation of Dry Fly ash Handling system (DPPCS-Dense phase pneumatic conveying system) for the first two rows of ESP fields to handle the Fly ash collection from 16 Nos of front line hoppers, Conveying to new intermediate Fly ash silo and transporting to the existing 2x4152 MT RCC Fly Ash silo by pressurized pneumatic system at 600 MW/MTPS-II plant, at an approx. cost of GROSS Rs.24,75,00,000/-(Rupees Twenty four crores and Seventy five lakhs only) including packing, forwarding, Freight, Transport & GST, under Open Tender Single part System by the CE/MTPS-II.

(By order of the CMD/TANGEDCO)

S.Dakshinamurthy, Chief Engineer/Mechanical/Thermal Stations.

* * *

TANGEDCO – Tuticorin Thermal Power Station – R & M – Procurement of 1 No. spare Primary Air Fan Motor of 6.6KV, 900KW, 1490 RPM with antifriction bearings for Unit-I PA fan locations under Open Tender System - Administrative - Approval - Accorded.

(Technical Branch)

(Per) CMD TANGEDCO Proceedings No.102

Dated 16th July 2021. Aani-32, Pilava Varudam, Thiruvalluvar Aandu-2052. RFAD:

FLM Note: W/85/2021 approved by CMD on 15.07.2021.

PROCEEDINGS:

Administrative approval is hereby accorded for Procurement of 1 No. spare Primary Air Fan Motor of 6.6KV, 900KW, 1490 RPM with antifriction bearings for unit-I PA fan locations at Tuticorin Thermal Power Station at an approximate cost of Rs.42,24,400/- (Rupees Forty Two Lakhs Twenty Four Thousand and Four Hundred Only) including GST under open tender single part system by CE/TTPS.

(By order of the CMD/TANGEDCO)

S.Dakshinamurthy,
Chief Engineer/Mechanical/Thermal Stations.

Hydro – Kundah Generation Circle – Estimate for outsourcing Gauge Readers for observing Glenmorgan Forebay Dam Level and to communicate the levels on hourly basis to the Control Room of Maravakandly Micro Power House, Singara Power House and Pykara Ultimate Stage Hydro-Electric Power House Switchyard for a period of one year from the date of utilization for the year 2021-2022 - Administrative - Approval - Accorded.

(Technical Branch)

(Rt.) CMD TANGEDCO Proceedings No.10

Dated 19th July 2021. Aadi-03, Pilava Varudam, Thiruvalluvar Aandu-2052. RFAD:

CE/Hydro's note approved by the CMD/TANGEDCO Dated 16.07.2021 (File No.M/60/2021).

PROCEEDINGS:

Administrative approval is accorded for "Outsourcing 4 Nos. Gauge Readers for observing Glenmorgan Forebay Dam Level and to communicate the levels on hourly basis to the Control Room of Maravakandy Micro Power House Singara Power House and Pykara Ultimate Stage Hydro-Electric Power House Switchyard for a period of one year from the date of utilization for the year 2021-2022 at an estimated cost of Rs.7,35,000/- (Gross and Nett) (Rupees Seven lakhs thirty five thousand only) including Employees Provident Fund (EPF) @ 13%, Employees State Insurance (ESI) @ 3.25% on the labour portion and Goods Service Tax (GST) @ 18% based on the Current PWD Schedule of rates for the year 2020-2021".

(By Order of the Chairman – cum – Managing Director)

D.Rajendran, Chief Engineer/Hydro.

* * *

Vehicle – Condemnation of diesel driven Departmental Bajaj Tempo Traveler Ambulance van bearing Regn.No.TN 30 Z 6328 for the use at Mettur Thermal Power Station-I under the control of Superintending Engineer/Mechanical II/MTPS-I and Procurement of 1 No. New, Diesel driven, Force traveler, Ambulance BS VI 3350 mm WB, (10+P) PS ABS towards replacement of the vehicle proposed for condemnation - Approval - Accorded.

(Technical Branch)

(Per) CMD TANGEDCO Proceedings No.103

Dated 19th July 2021. Aadi-03, Pilava Varudam, Thiruvalluvar Aandu-2052. READ:

Extract of the minutes of the $353^{\rm rd}$ meeting held on 18.06.2021 vide Item No.TG-6225 of Chief Engineer/Material Management

PROCEEDINGS:

"Administrative approval is accorded for

- (i) Condemnation of diesel driven Departmental Bajaj Tempo Traveler Ambulance van bearing Regn.No.TN 30 Z 6328 for the use at Metter Thermal Power Station-I under the control of Superintending Engineer/Mechanical II/MTPS-I which satisfies the norms of years of service and does not satisfy the norms of KM run and
- (ii) Procurement of 1 No.New, Diesel Driven, Force traveler, Ambulance BS VI 3350 mm WB, (10+P) ABS with Power steering at a cost of Rs.17.50

Lakhs (approximate) at GeM rates through GeM/GeM rates outside GeM rates outside GeM with waiver of EMD, SD and LD towards replacement of the ambulance proposed for condemnation.

N.Balaji,

Chief Engineer/Material Management.

* * *

Hydro – Kadamparai Generation Circle – Estimate for outsourcing Gauge Readers for observing Upper Aliyar Dam Level and to communicate the levels to the Control Room of Kadamparai Underground Power House and Aliyar Power House at Navamalai for a period of one year from the date of utilization for the year 2021-2022 - Administrative - Approval - Accorded.

(Technical Branch)

(Rt.) CMD TANGEDCO Proceedings No.11

Dated 22nd July 2021. Aadi-06, Pilava Varudam, Thiruvalluvar Aandu-2052. RFAD:

CE/Hydro's note approved by the CMD/TANGEDCO (File No:M/49/2021) Dated 19.07.2021.

PROCEEDINGS:

Administrative approval is accorded for "Outsourcing 3 Nos. Gauge Readers for observing Upper Aliyar Dam Level and to communicate the levels to the Control Room of Kadamparai Underground Power House and Aliyar Power House at Navamalai for a period of one year from the date of utilization for the year 2021-2022 at an estimated cost of **Rs.8,47,100/- (Gross and Nett)** (Rupees Eight lakhs forty seven thousands and one hundred only) including EPF @ 13%, ESI @ 3.25% and Goods Service Tax @ 18% on the total value of the work based on the Current PWD Schedule of rates for the year 2020-2021".

(By Order of the Chairman – cum – Managing Director)

D.Rajendran, Chief Engineer/Hydro.

* * *

Hydro – Erode Generation Circle – Estimate for Deploying Private Security for vital installations pertaining to Erode Generation Circle for a period of one year from the date of commencement of work for the Year 2021-2022 - Administrative - Approval - Accorded.

(Technical Branch)

(Rt.) CMD TANGEDCO Proceedings No.12

Dated 22nd July 2021. Aadi-06, Pilava Varudam, Thiruvalluvar Aandu-2052.

CE/Hydro's note approved by the CMD/TANGEDCO Dated 22.07.2021 vide File No.M54/2021.

PROCEEDINGS:

Administrative approval is hereby accorded for "Deploying Private Security to 8 Nos. vital installations pertaining to Erode Generation Circle (Annexure) for a period of one year from the date of commencement of work for the Year 2021-2022" at an estimated cost of Rs.60,62,000/- Gross & Nett (Rupees Sixty lakhs and sixty two thousand only) including Employees Provident Fund (EPF) @ 13%, Employees State

Insurance (ESI) @ 3.25% Goods & Service Tax @ 18% and Contingencies @ 1% based on the Rates of Minimum Wages fixed by the Government of Tamil Nadu for the year 2020-2021 applicable to Zone C.

(By Order of the Chairman – cum – Managing Director)

D.Rajendran, Chief Engineer/Hydro.

ANNEXURE

SI.No.	Location	No. of persons	No. of Shifts
1.	Micro Hydel Power House (4x2MW)	3.5	1277.5
2.	Right Bank Canal Power House (2x4MW)	3.5	1277.5
3.	Sathanur Dam Power House (1x7.5MW)	3.5	1277.5
4.	State Load Despatch Centre/Erode	3.5	1277.5
5.	Mettur Sub-stores	3.5	1277.5
6.	Bhavani Barrage 1 Power House (2x5MW)	3.5	1277.5
7.	Bhavani Barrage 2 Power House (2x5MW)	3.5	1277.5
8.	Central Stores/Kuthiraikkalmedu	3.5	1277.5
	Total	28 Persons	10220 Shifts

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Hydro – Kundah Generation Circle – Estimate for deploying Private Security for vital installations pertaining to Kundah Generation Circle for a period of one year from the date of commencement of work for the Year 2021-2022 - Administrative - Approval - Accorded.

(Technical Branch)

(Rt.) CMD TANGEDCO Proceedings No.13

Dated 22nd July 2021. Aadi-06, Pilava Varudam, Thiruvalluvar Aandu-2052. READ:

CE/Hydro's note approved by the CMD/TANGEDCO Dated 22.07.2021 vide File No.M64/2021.

PROCEEDINGS:

Administrative approval is hereby accorded for "Deploying Private Security to 4 Nos. vital installations pertaining to Kundah Generation Circle (Annexure) for a period of one year from the date of commencement of work for the Year 2021-2022" for a value of Rs.30,31,000/- Gross & Nett (Rupees Thirty lakhs thirty one thousand only) including Employees Provident Fund (EPF) @ 13%, Employees State Insurance (ESI) @ 3.25% Goods & Service Tax @ 18% and Contingencies @ 1% based on the Rates of Minimum Wages fixed by the Government of Tamil Nadu for the year 2020-2021 applicable to Zone C.

(By Order of the Chairman – cum – Managing Director)

D.Rajendran, Chief Engineer/Hydro.

ANNEXURE

SI.No.	Location	No. of persons	No. of Shifts
1.	Central Office/Kundah	3.5	1277.5
2.	Central Stores/Kundah	3.5	1277.5
3.	Sub-Stores/Parali	3.5	1277.5
4.	Sub-Stores/Singara	3.5	1277.5
	Total	14 Persons	5110 Shifts

// True Copy//

Hydro – Kundah Generation Circle – Works Contract for Providing security arrangements through Tamil Nadu Ex-Servicemen's Corporation limited (TEXCO), Chennai for vital installations pertaining to Kundah Generation Circle – Work completed and Agreement expired on 20.09.2020 – Continuance of the present agreement for a further period of one year from 21.09.2020 to 20.09.2021 or till the date of award of new contract, whichever is earlier as a Special case - Approval - Accorded.

(Technical Branch)

(Rt.) CMD TANGEDCO Proceedings No.14

Dated 26th July 2021. Aadi-10, Pilava Varudam, Thiruvalluvar Aandu-2052. RFAD:

CE/Hydro's note approved by the CMD/TANGEDCO Dated 23.07.2021 vide File No: M43/2021.

PROCEEDINGS:

Approval is hereby accorded for the following considering the proposal for continuing the Works Contract for Providing security arrangements through Tamil Nadu Ex-Servicemen's Corporation limited (TEXCO), Chennai for vital installations pertaining to Kundah Generation Circle for a period of one year from 21.09.2020 to 20.09.2021 or till the date of award of new contract, whichever is earlier as a Special case:

(i) To accord extension of time (EOT) for a further period of one year from 21.09.2020 to 20.09.2021 for the Works contract of Providing security arrangements through Tamil Nadu Ex-Servicemen's Corporation limited (TEXCO), Chennai for vital installations pertaining to Kundah Generation Circle with the enhancement of face value of the agreement by Rs.31,66,575/- (Gross & Nett) inclusive of Service charges @ 12% and Goods Service Tax @ 18%.

CI	December of Manie	NI	ICO A L NI -	Entrance I Earl	Date of
SI.	Description of Work	Name of	K2 Agt. No	Enhanced Face	Due date of
No.		Contractor		value of Agt.	completion of
				(Rs.)	contract
1.	Providing security under	M/s. TEXCO	SEG/K/EE/	63,33,150/-	20.09.2021
	M/s. TEXCO for Central	Ltd.,	GL/K2-04/	(including	
	Office/Kundah, Central	Chennai	2020-2021	Service charges	
	Stores/Kundah & Sub-			@ 12% and GST	
	stores at Parali & Singara			@ 18%)	
	for the year 2020-2021.				

- (ii) To continue the present Works Contract of Providing security arrangements through Tamil Nadu Ex-Servicemen's Corporation limited (TEXCO), Chennai for vital installations pertaining to Kundah Generation Circle for a further period of one year from 21.09.2020 to 20.09.2021 or till the date of award of new contract, whichever is earlier.
- (iii) To ratify the action of the Superintending Engineer/Generation/ Kundah for having continued the work beyond the agreement period in anticipation of approval of the competent authority.

(By Order of the Chairman – cum – Managing Director)

D.Rajendran, Chief Engineer/Hydro.

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Hydro – Tirunelveli Generation Circle – Estimate for Providing security arrangements through Tamil Nadu Ex-Servicemen's Corporation limited (TEXCO), Chennai for 3 Nos. sub stores and 1No. Turbine Generator shed in Tirunelveli Generation Circle for a period of one year from the date of commencement of work for the Year 2021-2022 – Administrative Approval - Accorded.

(Technical Branch)

(Rt.) CMD TANGEDCO Proceedings No.15

Dated 26th July 2021. Aadi-10, Pilava Varudam, Thiruvalluvar Aandu-2052. READ:

CE/Hydro's note approved by the CMD/TANGEDCO vide File No:M61/2021 Dated 24.07.2021.

PROCEEDINGS:

Administrative approval is hereby accorded for "Providing security arrangements through Tamil Nadu Ex-Servicemen's Corporation limited (TEXCO) for 3 Nos. Sub stores and 1 No. Turbine Generator Shed in Tirunelveli Generation Circle for a period of one year from the date of commencement of work for the Year 2021-2022" for a value of Rs.31,66,600/- (Gross & Nett) (Rupees Thirty one lakhs and sixty six thousand and six hundred only) inclusive of Service charges @ 12% and Goods Service Tax (GST) @ 18% at the rates specified in Per (CMD) TANGEDCO Proceedings No.240, Technical Branch Dated 03.07.2019.

(By Order of the Chairman – cum – Managing Director)

D.Rajendran, Chief Engineer/Hydro.

* * *

TANGEDCO – Coal Handling Contract – P.O.48 Dated 15.02.2001, for movement and handling of coal by Rail-cum-sea route from the various collieries of Mahanadi Coalfields Ltd through the load port of Paradip – Extension of the existing coal handling contract for Paradip Port for a further period from 01.09.2021 upto 28.02.2022 (Six months) or till alternative arrangements are made by TANGEDCO, whichever is earlier - Approval - Accorded.

(Technical Branch)

Per. (CMD TANGEDCO) Proceedings No.105

Dated 27th July 2021. Aadi-11, Pilava Varudam, Thiruvalluvar Aandu-2052. READ:

CMD/TANGEDCO's note approval Dated 23.07.2021.

PROCEEDINGS:

The CMD/TANGEDCO has accorded approval on 23.07.2021 for extension of the existing coal handling contracts vide P.O.48 Dated 15.02.2001 placed on M/s.Karam Chand Thapar & Bros. (CS) Ltd, for a further period from 01.09.2021 upto 28.02.2022 (Six months) or till alternative arrangements are made by TANGEDCO whichever is earlier, with the terms and conditions as per contract subject to the condition that if the price being lower in the new contract than the existing contract, the same can be adopted by TANGEDCO for the extended period.

(By Order of the CMD/TANGEDCO)

C.Raju,

Chief Engineer/Mechl/Coal.

* * *

Electricity – System Operation/Trichy – Salem operation circle – K.R.Thoppur 400/230-110 kV Substation – Enhancement of 400/230 kV Inter Connecting Transformer capacity from 2x315 MVA to 3x315 MVA – Administrative Approval - Accorded.

(Technical Branch)

(Per.) CH TANTRANSCO Proceedings No.41

Dated 31st July 2021. Aadi-15, Pilava Varudam, Thiruvalluvar Aandu-2052.

Chairman's approval Dated 26.07.2021.

PROCEEDINGS:

The Chairman, TANTRANSCO approves the proposal for enhancement of 400/230 kV Inter Connecting Transformer (ICT) capacity from 2x315 MVA to 3x315 MVA at KR Thoppur 400/230-110 kV Substation in Salem operation circle of Erode Region at an estimated cost of Rs.3117.86 Lakhs (Gross) and Rs.3054.70 Lakhs (Nett). The detailed estimate and report are annexed to these proceedings.

- 2. The expenditure is chargeable to TANTRANSCO Funds Capital Expenditure Salem Operation Circle A/c code No: 14.645.
- 3. By virtue of the provisions contained in sub-section (2) (a) of section 185 of the Electricity Act, 2003, the TANTRANSCO being the State Transmission utility/ Transmission Licensee and successor entity of Tamil Nadu Electricity Board will exercise the powers of the Telegraph Authority under the provisions 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.
 - 4. The work is to be taken up after ensuring necessary budget provision. (By Order of the Chairman)

N.Kannan, Chief Engineer/Planning & RC.

REPORT TO ACCOMPANY THE ESTIMATE

This proposal envisages for enhancement of 400/230 kV Inter Connecting Transformer (ICT) capacity from 2x315 MVA to 3x315 MVA at KR Thoppur 400/230-110 kV Substation in Salem operation circle of Erode Region at an estimated cost of Rs.3117.86 Lakhs (Gross) and Rs.3054.70 Lakhs (Nett).

2.Need:

- 2.1 The existing 400kV/230-110kV Substation at K.R.Thoppur is fed from M/s. Power Grid Corporation of India Ltd., Substation through 400 kV Bus Section-I & II. K.R.Thoppur 400/230-110 kV Substation was commissioned during the year 1988 and now it has 2x315 MVA, 400/230KV ICTs and 2x200 MVA 400/110kV ICTs. Further, administrative approval has been accorded for enhancement of 400/110 kV ICT capacity from 2x200 MVA to 3x200 MVA vide (Per) CH. TANTRANSCO Proceedings No.70, Dated 29.04.2013.
- 2.2 The 400/230 kV ICT-I is of composite unit; whereas the 400/230 kV ICT-II has three single phase units of each 105 MVA capacity (3x105 MVA). One no. spare unit (1x105 MVA) is available for the 400/230 KV ICT-II. The above 2 Nos. 400/230 kV ICTs are feeding 10 Nos. 230 kV feeders.
- 2.3 The peak reached in the 400/230 kV ICTs at K.R.Thoppur SS are as follows. 315 MVA, 400/230 kV ICT 1 311.03 MVA 315 MVA, 400/230 kV ICT 2 307.23 MVA It is evident that both the 315 MVA auto transformers have reached upto full load and continues to be handling more than 85% of its full load

capacity from the year 2016. Further, three nos. of 230/110 kV substations viz., Pallakkapalayam, Thingalur and Singapuram were commissioned during the period 2014-2016. The above 3 nos. substations are fed from K.R.Thoppur 400/230-110 kV SS which ultimately raise the power flow loading of existing ICTs. Moreover, administrative approval has also been accorded for the establishment of new 230 kV SSs at Karuppur and Erode which are to be fed either directly or indirectly from K.R.Thoppur 400 KV SS. The erection work for a new 230 KV SS at Erode is also under progress.

- 2.4 The 2x315 MVA, 400/230 kV ICTs reach their full load capacity during the following conditions.
 - (i) When generation at MTPS is reduced
 - (ii) When the Pugalur Puthanchandai 230 kV feeder tie is opened
 - (iii) When the Deviakurichi STCMS 230 kV feeder tie is opened
 - (iv) When KR Thoppur MTPS-I & II 230 kV feeders are under line clear and
 - (v) When there is an outage (forced/planned) in the MTPS (Stage-II) Thiruvalam 400KV feeder.
- 2.5 In the Load flow study report for the establishment of Karuppur 230/110kV SS, it has been suggested to enhance the capacity of 400/230-110 kV SS for operational flexibility and reliability purpose.
- 2.6 Due to enhancement of 400/230kV ICT capacity from 2x315 MVA to 3x315 MVA at K.R.Thoppur 400/230-110 kV SS, the existing 230KV Bus I & II with Twin Moose conductor at 230 KV side will be loaded more than existing current carrying capacity. Hence, the existing 230kV strung bus at K.R.Thoppur 400/230-110 kV SS need to be strengthened from the existing Twin Moose conductor to Quad Moose conductor.
- 2.7 Under the above circumstances, in order to increase the operational flexibility, to cater the loads and manage future load growth, it has been proposed to enhance the 400/230 kV ICT capacity. Sufficient space for erection of additional one number 400/230kV, 315 MVA ICT is made available now.
- 2.8 In order to ensure the necessity for the proposed ICT enhancement at K.R.Thoppur 400/230-110kV substation, load flow study has been carried out for the present year (2021-2022) network condition. From the study results, it is inferred that the existing 2x315 MVA, 400/230kV ICTs are found to be loaded up to 222 MW & 205 MW in each ICT during Nil wind and full wing conditions respectively. Hence, to meet out the N-1 contingency condition as well as the maintenance of ICTs, it is very much essential to enhance the 400/230 kV ICT capacity from 2x315 MVA to 3x315 MVA at K.R.Thoppur 400/230-110kV SS.
- 2.9 In the 41st Standing Committee Meeting for Power system planning conducted by CEA, it has been approved for the enhancement of 400/230 kV ICT capacity from 2x315 MVA to 2x500 MVA ICT at K.R.Thoppur 400/230-110kV SS. However, in the 2nd SRPC (Transmission Planning) meeting, it has been suggested to provide additional 315 MVA so as to enhance 400/230 kV ICT capacity from 2x315 MVA to 3x315 MVA instead of 2x500 MVA ICT in order to meet out the (n-1) condition and also to increase the operational flexibility. Hence it has been proposed to enhance the 400/230 kV ICT capacity from 2x315 MVA to 3x315 MVA with pending CEA approval.

3. Details of work:

1. Erection of 1 No.315 MVA, 400/230 kV Inter Connecting Transformer with associated switchgear and auxiliaries.

- 2. Strengthening of 230kV strung bus from Twin Moose to Quadruple Moose Conductor to accommodate one no. additional 315 MVA, 400/230kV ICT.
- 3. Laying of 3 runs of 400 KV, 1Cx2500 sq.mm. XLPE Copper cable for a route length of 160 Mtrs. for extending 400 KV supply to the proposed 315 MVA, 400/230 KV ICT by crossing the main approach road of the substation.
- 4. Dismantling the existing twin Moose conductor of 230 KV Strung bus along with insulators and fittings.

4. Estimated cost:

4.1 The estimated cost works out to Rs.3117.86 Lakhs (Gross) and Rs.3054.70 Lakhs (Nett) and the estimate is based on the TANTRANSCO cost data for the year 2020-2021. The rate for 400 KV 1x2500 sq.mm XLPE Copper cable and terminations are based on the rates sanctioned for Establishment of 400/230 KV GIS at Koyambedu vide (Per) FB TANTRANSCO Proceedings No.7, (TB) Dated 04.02.2020.

SI.	DESCRIPTION	QTY	Rate in	PER	Amount in
No.			Lakhs		Lakhs
I	CIVIL WORKS				
1.	Civil works for 400 KV Bay extension (foundation, cable duct, yard leveling, lead road and foot path)			LS	233.678
2.	Civil works for 230 KV Bay extension (foundation, cable duct, yard leveling, lead road and foot path)			LS	81.229
			Sub	Total	314.907
Ш	ELECTRICAL WORKS				
Α	EQUIPMENTS				
3.	420KV, 3150A, 63KA SF6 Breaker with out pre insertion with CSD	2 Nos.	38.941	E	77.882
4.	420KV, 3000A, 63KA – 5 Core Single Phase Current Transformers with support structure, accessories and junction box	6 Nos.	6.401	E	38.406
5.	400KV, 10KA, Station Type LAS	6 Nos.	1.066	E	6.396
6.	400KV, 3150A, 63KA Isolator with Double Earth with insulator and support structure.	6 Set	8.404	Set	50.424
7.	400 KV Double Tension Fittings with Disc Insulator for Quad Moose	24 Nos.	0.223	E	5.352
8.	400 KV Single suspension string Insulator	18 Nos.	0.106	E	1.908
9.	4" Alu. Tube bus clamp for support insulators	27 Nos.	0.034	E	0.918
10.	Clamps, Spacers and others for 400 KV Yard	1 LS	5.200	LS	5.200
11.	Alu. Tube Moose conductor for 400 KV Yard	1 LS	10.500	LS	10.500
12.	Marshalling Box	2 Nos.	0.280	E	0.560
13.	400 KV Structure	1 LS	80.000	LS	80.000
14.	Control and LT Cables	1 LS	25.000	LS	25.000
15.	Yard Lighting for 400 KV Yard	1 LS	3.473	LS	3.473
16.	Shielding and Earthing for 400 KV Yard	1 LS	0.281	LS	0.281
17.	230KV, 2000A, 50KA SF6 Outdoor Breaker	1 No.	9.95	E	9.950

46.	GST 18% on total Cost of Material,				379.307
45.	EPF at 13% on (labour portion (item 36	b) & 40% of Item 40)			15.295
	, , ,	of Item 40)			
44.	Est ESI at 3.25% on (labour portion (item	t. Charges 36) & 40%			3.824
43.	Total Cost of Material, Labour, Ti	ransport &			2401.366
42.	Estt & Supervision Charges @ 1!				313.222
41.	Total Cost of Material, Labour and 1	ransport			2088.145
40.	Plinth, Labour and Transport charges for ICT	1 No.	30.000	No.	30.000
39.	315 MVA, 400/230 KV ICT with OLTC and NFIPS 3Φ unit	1 No.	843.140	No.	843.140
38.		Sub-Total			1215.005
37.	Transport cha				52.826
36.	Labour char				105.653
35.		Sub-Total			1056.526
34.		ncies @ 1%			10.461
33.	Cost of materials and equipments	1			1046.065
32.	Control and Relay panel for 400 KV Tie Breaker	1 No.	3	E	3.000
31.	Control and Relay Panel for 400/230 KV IC Transformer	1 No.	11.375	E	11.375
В	CONTROL AND RELAY PANEL	1			
	suitable for 400 KV; 1x2500 sq mm; XLPE Copper cable with terminal connectors, support structure and spring loaded champing arrangements and jumpering arrangements including necessary conductors and clamps				
30.	400KV Out door cable termination	6 Nos.	27.600	E	165.600
29.	400 KV XLPE Copper Cable 2500 Sqmm (3 x 160m)	480 Mtr.	587.838	km	282.162
28.	Bus Bars, Insulators and Hard wares for 230 KV Bus extension	1 LS	5.865	LS	5.865
27.	ACSR Moose Conductor for strengthening of 230KV Bus A and B (278m x 4c x 3Φ x 2 Bus)	7.9 Km	3.095	Km	20.735
26.	230 KV 120 KN Polymer Insulators	98 68 Nos.	0.034	NOS.	133.027
	Moose		0.034	Nos.	133.627
25.	230 KV Suspension fitting for QUAD	24 Nos.	0.037	Nos.	0.882
24.	230 KV Tension fitting for QUAD Moose	192 Nos.	0.232	Nos.	44.548
23.	Shielding and Earthing for 230 KV Yard	1 LS	2.933	LS	2.933
21.	Control Cables for 230 KV Yard	1 LS	7.77	LS LS	7.768
21.	blades 230 KV Structures	1 LS	35.64	LS	35.640
20.	230 KV – 2000 A, Isolator without Earth	5 set	1.468	Set	7.340
19.	230 KV – 10 KA Station Type LAS	3 Nos.	0.381	E	1.143
	Current Transformers with TC & JB (Ratio 2000-1200-800-400/1A)				
18.	230KV, 2000A, 5 Core Single Phase		2.399	Е	7.197

	Transport, ESI and EPF (item nos 41, 44 & 45)	
47.	Total cost of Electrical works including ESI,	2799.792
	EPF & GST	
48.	Total cost of Electrical and Civil works	3114.699
49.	Add: Dismantling charges	3.158
50.	Total cost of the estimate (Gross)	3117.857
51.	Less: Cedit amount	63.157
52.	Nett amount	3054.70

Part IA Dismantling Charges Chargeable to A/c code No.77.540	
Dismantling charges	3.158

Part II Accumulated Depreciation Chargeable to (STOCK) A/c code No.12.500

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Total life period	35	Years	
Life served	31	Years	
Depreciation =	63.157*(31	/35)*0.9	50.345

Part III Devolution of Old Asset to stores Chargeable to A/c No.22.300

Part IV – Part II	63.157-50345	12.812
i i ait iv = i ait ii	03.137-30343	12.012

Part IV Removable of Old Asset chargeable to A/c No.10.543							
SI.No.	Description	Qty	Cost	Per	Amount in Lakhs		
1.	230 KV Tension fitting for TWIN Moose	96	0.232	Each		22.274	
2.	230 KV Suspension fitting for TWIN Moose	12	0.037	Each		0.441	
3.	230 KV 120 KN Porcelein Insulators	1968	0.034	Each	66.814		
4.	ACSR Moose Conductor (278m x 2c x 3Φ x 2 Bus)	3.336	3.095	Km	10.324		
5.		Origi	nal cost of r	naterials	erials 99.853		
6.	50% cost of materials (for SI.No.5)					49.926	
7.	Add original Erection	Add original Erection charges @ 10% (on SI.No.6)				4.993	
8.	Add original Centage cha	arges @	15% (on SI.	No.6+7)		8.238	
9.	(Original cost o	f asset)	Total (SI.No	(SI.No.6+7+8) 63.1 5			
	ABSTRACT	ESTIMA	TE				
Part I Cost of Assets chargeable (Gross)		A/c No	o.14.645	311	7.86	Lakhs	
(Nett)) A/c No	A/c No.14.645 305		4.70	Lakhs	
Pat I (a) Debit Dismantling charges to		A/c No	A/c No.77.540		3.16	Lakhs	
Part II Accumulated Depreciation Chargeable		A/c No	o.12.500	5	0.34	Lakhs	
Part III	Devolution of Old Asset to stores	sset to stores A/c No.22.300 1		2.81	Lakhs		
Part IV Removable of Old Asset chargeable to		A/c No	o.10.543	6	3.16	Lakhs	

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INDEX

News	& Notes (Part-I)	Page No. 2
<u>Gener</u>	al Administration and Services (Part-II)	
1.	(Per) CMD TANGEDCO Proceedings No.153, (BOSB) Dated 01.07.2021. Establishment – TANGEDCO – Data Cell Division – Re-designation of the post of Executive Engineer/Data Cell – Transfer of the administrative and technical control of Chief Engineer/Planning & Resource Centre/Chennai – Orders - Issued.	8
2.	Memo (Per) No.23813/A22/A222/2021-1, (BOSB) Dated 07.07.2021. Establishment – TANGEDCO – Audit Branch – Additional work allocation to the Dep Chief Internal Audit Officer/Internal Audit Cell and Deputy Chief Internal Audit Officer/Pensic Orders - Issued.	
3.	(Per) CMD TANGEDCO Proceedings No.155, (BOSB) Dated 07.07.2021. Establishment – TANGEDCO – Reconstitution of Departmental Promotional Committee in respector of Class-I Officers – Orders – Issued.	
4.	(Per) CMD TANGEDCO Proceedings No.158, (BOSB) Dated 12.07.2021. Establishment – TANGEDCO – Appointment of Advocates as Standing Counsels to represent cases of the TNEB Limited, TANGEDCO and TANTRANSCO before Central Electricity Regula Commission (CERC) Appellate Tribunal for Electricity (APTEL) and other for a at New E (except Supreme Court) – Orders - Issued.	tory
5.	(Per) CMD TANGEDCO Proceedings No.159, (BOSB) Dated 12.07.2021. Establishment – TANGEDCO – Appointment of Advocates as Standing Counsels to represent cases of the TNEB Limited, TANGEDCO and TANTRANSCO before the Principal Bench at F Court of Madras and other fora at High Court, Madras - Orders – Issued.	
6.	(Per) CMD TANGEDCO Proceedings No.160, (BOSB) Dated 12.07.2021. Establishment – TANGEDCO – Utilization of Junior Auditors selected through Internal Selection Audit wing - Redeployment of certain posts of Junior Auditor from Headquarters to certain posts of Junior Regions in Audit Wing – Orders - Issued.	
7.	(Per) CMD TANGEDCO Proceedings No.161,(BOSB) Dated 12.07.2021. Establishment – TANGEDCO – Reconstitution of Departmental Promotion Committee in the rar of Chief Engineer - Orders – Issued.	20 nk
8.	(Per) CMD TANGEDCO Proceedings No.166, (BOSB) Dated 23.07.2021. Establishment – TANGEDCO – Work allocation for the post of Deputy Secretary/ TANTRANSO Orders – Issued.	20 CO -
<u>Financ</u>	ce (Part - III)	
9.	NIL	22
<u>Techn</u>	ical (Part - IV)	
10.	(Per.) CMD TANGEDCO Proceedings No.98, (Techl.Br.) Dated 09.07.2021. MTPS-I & NCTPS-I – Establishment – Class III Service – Er.S.Kasirajan, JE II Gr./ Safety/MTI and Er.S.Lokesh, TA/O&E/NCTPS-I – Deputing to study one year full time course of Diplom Industrial Safety during 2021-2022 at the Regional Labour Institute, Chennai as a sponsor	a in
11.	candidates of TANGEDCO - Approval -Accorded. (Per) CMD/TANGEDCO Proceedings No.100, (Techl.Br.) Dated 15.07.2021. TANGEDCO - IT wing - Virtual Private Network (VPN) provision to access the in-house applications - Approval - Regarding.	27 e IT
12.	Per (CMD) TANGEDCO Proceedings No.101, (Techl.Br.) Dated 16.07.2021. TANGEDCO – Mettur Thermal Power Station-II – Design, Supply, Erection and commissionin Augmentation of Dry Fly ash Handling system (DPPCS – Dense phase pneumatic converses) for the first two rows of ESP fields to handle the Fly ash collection from 16 Nos of foline hoppers, Conveying to new intermediate Fly ash silo and transporting to the existing 2x4 MT RCC Fly Ash silo by pressurized pneumatic system – Administrative - Approval - Accorded.	ying ront 152
13.	(Per) CMD TANGEDCO Proceedings No.102, (Techl.Br.) Dated 16.07.2021. TANGEDCO – Tuticorin Thermal Power Station – R & M – Procurement of 1 No. spare Primary Fan Motor of 6.6KV, 900KW, 1490 RPM with antifriction bearings for Unit-I PA fan locations ur Open Tender System - Administrative - Approval - Accorded.	

Technical (Contd....) Page No. 14. (Rt.) CMD TANGEDCO Proceedings No.10, (Techl.Br.) Dated 19.07.2021. 29 Hydro - Kundah Generation Circle - Estimate for outsourcing Gauge Readers for observing Glenmorgan Forebay Dam Level and to communicate the levels on hourly basis to the Control Room of Maravakandly Micro Power House, Singara Power House and Pykara Ultimate Stage Hydro-Electric Power House Switchyard for a period of one year from the date of utilization for the year 2021-2022 - Administrative - Approval - Accorded. 15. (Per) CMD TANGEDCO Proceedings No.103, (Techl.Br.) Dated 19.07.2021. 29 Vehicle - Condemnation of diesel driven Departmental Bajaj Tempo Traveler Ambulance van bearing Regn.No.TN 30 Z 6328 for the use at Mettur Thermal Power Station-I under the control of Superintending Engineer/Mechanical II/MTPS-I and Procurement of 1 No. New, Diesel driven, Force traveler, Ambulance BS VI 3350 mm WB, (10+P) PS ABS towards replacement of the vehicle proposed for condemnation - Approval - Accorded. 16. (Rt.) CMD TANGEDCO Proceedings No.11, (Techl.Br.) Dated 22.07.2021. 30 Hydro - Kadamparai Generation Circle - Estimate for outsourcing Gauge Readers for observing Upper Aliyar Dam Level and to communicate the levels to the Control Room of Kadamparai Underground Power House and Aliyar Power House at Navamalai for a period of one year from the date of utilization for the year 2021-2022 - Administrative - Approval - Accorded. 17. (Rt.) CMD TANGEDCO Proceedings No.12, (Techl.Br.) Dated 22.07.2021. 30 Hydro - Erode Generation Circle - Estimate for Deploying Private Security for vital installations pertaining to Erode Generation Circle for a period of one year from the date of commencement of work for the Year 2021-2022 - Administrative - Approval - Accorded. 18. (Rt.) CMD TANGEDCO Proceedings No.13, (Techl.Br.) Dated 22.07.2021. 31 Hydro - Kundah Generation Circle - Estimate for deploying Private Security for vital installations pertaining to Kundah Generation Circle for a period of one year from the date of commencement of work for the Year 2021-2022 - Administrative - Approval - Accorded. 19. (Rt.) CMD TANGEDCO Proceedings No.14, (Techl.Br.) Dated 26.07.2021. 32 Hydro - Kundah Generation Circle - Works Contract for Providing security arrangements through Tamil Nadu Ex-Servicemen's Corporation limited (TEXCO), Chennai for vital installations pertaining to Kundah Generation Circle - Work completed and Agreement expired on 20.09.2020 - Continuance of the present agreement for a further period of one year from 21.09.2020 to 20.09.2021 or till the date of award of new contract, whichever is earlier as a Special case -Approval - Accorded. 20. (Rt.) CMD TANGEDCO Proceedings No.15, (Techl.Br.) Dated 26.07.2021. 33 Hydro - Tirunelveli Generation Circle - Estimate for Providing security arrangements through Tamil Nadu Ex-Servicemen's Corporation limited (TEXCO), Chennai for 3 Nos. sub stores and 1No. Turbine Generator shed in Tirunelveli Generation Circle for a period of one year from the date of commencement of work for the Year 2021-2022 - Administrative Approval - Accorded. 21. Per. (CMD TANGEDCO) Proceedings No.105, (Techl.Br.) Dated 27.07.2021. 33 TANGEDCO - Coal Handling Contract - P.O.48 Dated 15.02.2001, for movement and handling of coal by Rail-cum-sea route from the various collieries of Mahanadi Coalfields Ltd through the load port of Paradip - Extension of the existing coal handling contract for Paradip Port for a further period from 01.09.2021 upto 28.02.2022 (Six months) or till alternative arrangements are made

by TANGEDCO, whichever is earlier - Approval - Accorded.

22. (Per.) CH TANTRANSCO Proceedings No.41, (Techl.Br.) Dated 31.07.2021.

Electricity - System Operation/Trichy - Salem operation circle - K.R.Thoppur 400/230-110 kV Substation - Enhancement of 400/230 kV Inter Connecting Transformer capacity from 2x315 MVA to 3x315 MVA - Administrative Approval - Accorded.

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