

## **ABSTRACT**

TNPDC - IT Wing - Extension of provision of availing exclusive vehicle by MRT wings of all the Distribution circles for a period of Six Months to carry out the works related to LTCT Billing Automation Project and to attend issues related to Feeder Metering AMR in a faster manner and to support for the successful implementation / completion of the projects - Administrative Approval – Accorded.

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### **TECHNICAL BRANCH**

(Per.) CMD TNPDC Proceedings No. 36

Dated: 30.05.2026  
Vaikasi: 16  
Thiruvalluvar Aandu – 2057  
Parabava Varudam

READ: CMD/TNPDC note order dated.25.05.2026

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### **Proceedings:**

Approval is hereby accorded for Extension of provision of availing exclusive vehicle by MRT wings of all the Distribution circles for a period of Six Months to carry out the works related to LTCT Billing Automation Project and to attend issues related to Feeder Metering AMR in a faster manner and to support for the successful implementation / completion of the projects for an amount of **Rs.1,27,44,000/- (Rupees One Crore twenty seven lakhs and forty four thousand only).**

The expenditure is chargeable to TNPDC Fund revenue Expenditure A/c No 4040117

**(BY ORDER OF THE CMD/TNPDC)**

Encl: 1. Report  
2. Estimate

*M. S. S. S.*  
30/5/26  
Chief Engineer/IT & RAPDRP

To  
The Chief Engineer/IT & RAPDRP, 144 Anna Salai, Chennai-02

Copy to

The Director Distribution/TNPDCL, Chennai-02

The Director Finance/TNPDCL, Chennai-02

The Chief Engineers/Distribution of all regions

The Superintending Engineer2/IT , TNPDCL, Chennai-02


The Company Secretary/ TANGEDCO, Chennai-02

The Resident Audit Officer (AGO's Unit), Chennai-02

B.P.Section Administrative Branch

Stock file

//FORWARDED BY ORDER//

  
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## **REPORT ACCOMPANYING THE ESTIMATE**

### **Need for the proposal:**

The Feeder Metering AMR Project of 9500 nos. 11KV / 22 KV Distribution Feeders has been successfully completed and integrated with the National Feeder Monitoring System (NFMS). Similarly, the LTCT billing automation project comprising of 25000 nos. of LTCT Smart meters (Initial PO) have been completed with meter installation, SIM installation and establishment of communication between the meters and Head End System (HES) & nearly 23500 nos. LTCT service connections have gone for billing automation and the process is continuing till date.

2.0 An additional quantity of 20000 nos. of LTCT smart meters have been supplied to the field. Also, for establishing communication, SIMs have been procured and supplied to the field and the installation is going on.

3.0 Further, the supply of 25000 nos. of LTCT smart meters is expected to commence from 1<sup>st</sup> week of June'2026 to cover the entire LTCT service connections with smart meters.

4.0 The works towards the installation of LTCT Smart Meters, SIMs, Firmware upgradation in the Supplied LTCT Smart Meters, Manual to Auto reset mode change in smart meters for implementing the Billing Automation have to be done by the concerned MRT wing and it is consuming much time. Further, the defective / non communicated smart meters are to be inspected to establish communication apart from intimating the meter supplier for replacement as per the PO condition. Also in case of non communication of LTCT Smart Meters the same have to be checked in field and necessary SIM changes, NIC module replacement / meter change are to be done by concerned MRT wing for improving the communication percentage and onward movement for billing automation.

5.0 As the Implementation of the LTCT Billing Automation restrict the manual intervention, it can reduce manual errors, events capturing via software, data analytics, etc., may improve the revenue to the organization and the same has to be completed in a war foot manner within a stipulated time. Further, issues related to the Feeder Metering AMR has to be done at the

earliest in co-ordination with MRT wing as the same is contingent for fund releasing in other L&R works of RDSS.

6.0 MRT wings officials have been requesting for extension of provision of exclusive vehicles to do the works in a faster manner related to LTCT smart meters installation, SIM installation, trouble shooting the issues in Non Communication due to Communication module, SIMs, Networks, LTCT Smart Meters, Feeder Meters etc.,

7.0 Nearly twenty numbers of distribution circles are requested for provisioning of separate vehicles for installation of meters and SIMs apart from attending the defective / non communicating meters. However the utilization of vehicle will depend upon the supply of LTCT smart meters and SIMs for the particular circles. 25000 nos. of LTCT smart meters are expected to be delivered in the 1<sup>st</sup> and 2<sup>nd</sup> week of June'2026 and 25000 SIMs are expected to be delivered in the 1<sup>st</sup> week of July'2026. Hence, the provision of vehicle would fasten the implementation of LTCT Smart Metering Billing Automation Project.

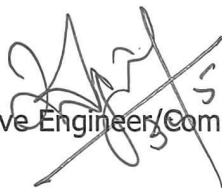
8.0 The extension of provision of availing exclusive vehicle by MRT wings of all the Distribution circles for a period of six months @ a maximum ceiling limit of Rs.40000 per month (As per actuals) to carry out the works in a faster manner related to LTCT Billing Automation Project and to attend issues related to Feeder Metering AMR and to support for the successful implementation / completion of the projects. Further, on completion of installation and commissioning of LTCT smart meters and SIMs ensuring 100% communication and also the feeder metering communication, the exclusive vehicles availed for this purpose will be surrendered / dispensed with by the concerned distribution circle.

  
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**Detailed Estimate** for extension of provision of availing exclusive vehicle by MRT wings of all the Distribution circles for a period of six months to carry out the works related to LTCT Billing Automation Project and to attend issues related to Feeder Metering AMR in a faster manner and to support for the successful implementation / completion of the projects. .

S.No	Description	Qty in Nos.	Rate per month in Rs.	Total no. Of Distribution Circles	Total Amount in Rs.
1	Extension of Provision of availing exclusive vehicle by MRT wings of all the Distribution circles for a period of six months	1	40000	45	1,08,00,000
Total amount in Rs.					1,08,00,000
<b>GST @ 18% in Rs.</b>					19,44,000
<b>Total estimated cost in Rs.</b>					<b>1,27,44,000</b>
<b>or say</b>					<b>1,27,44,000</b>

**Total estimated cost is Rs.1,27,44,000/- (Rupees One Crore twenty seven lakhs and forty four thousand only)**

  
 Executive Engineer, Computer Center