



TRANSMISSION CORPORATION OF TELANGANA LIMITED
VIDYUT SOUDHA :: HYDERABAD - 500082
Website : tgtransco.com

ABSTRACT

TGTRANSCO – Power Systems - Renewal of Maintenance and Support for PSSE Software Licenses (7 Nos.) along with procurement of new Licenses (3 Nos.) – Administrative Approval - Accorded

T.O.O. (CE/ Power Systems) Ms.No. 2646

Dt: 03-02-2026

Read the following:-

ORDER:

1. Chief Engineer/ Power Systems has submitted the proposal for Renewal of Maintenance and Support for PSSE Software Licenses (7 Nos.) for conducting regular system studies such as feasibility studies, short circuit and reactive compensation studies etc. of EHT network along with procurement of new Licenses (3Nos.) to carryout load flow studies and system fault level studies for over current protection, co-ordinations and computing the relay settings.
2. Supply, installation and Maintenance & Support for PSSE Software Licenses as detailed below:

S.No.	Item Description	Unit	Qty	Unit Rate (INR)	Amount (INR)
1	New PSSE software License: Base features and modules Includes: <ul style="list-style-type: none">• Power Flow• Contingency Analysis• Voltage Stability (PV/QV) Analysis• Network Reduction• Transmission Reliability Assessment• Interactive Single-Line Diagram• Results & Reporting• Integrated Node-Breaker• Python Scripting & Automation	Nos.	3	2330969.87	69,92,909.61

Contd...2

	Transmission Line Parameter Calculation (Line Prop)				
	Short Circuit (SC)				
	Dynamic Simulation (Dyn)				
	Remedial Action Schemes (RAS)				
	Optimal Power Flow (OPF)				
	Geomagnetic Induced Currents (GIC)				
	Advanced Linear Analysis (ALA)				
	Harmonics				
	Time Series Power Flow (TSPF)				
2	Training for 20 participants (Includes Trainer cost only)				
	2 (i) Basic Training on PSSE for 3 days				
	2 (ii) Advance Training on PSSE for 3 days				
3	Maintenance & Support Charges for 4years from date of completion of warranty period for new 3Nos. PSSE licenses	Years	4	9,09,693.33	36,38,773.32
4	Maintenance & Support Charges for 5years for existing 7Nos. PSSE licenses from the date of installation of new PSSE Licenses	Years	5	21,22,617.77	1,06,13,088.85
Sub Total					2,12,44,771.78
GST @ 18%					38,24,058.92
Grand Total					2,50,68,830.70
Say					2,50,69,000

(Rupees Two Crore Fifty Lakh Sixty Nine Thousand only)

3. After careful consideration, administrative approval is hereby accorded for renewal of Maintenance and Support for PSSE Software Licenses (7 Nos.) along with procurement of new Licenses (3 Nos.) from M/s. Siemens Limited for an amount of Rs. 2,50,69,000 /- (Rupees Two Crore Fifty Lakh Sixty Nine Thousand only).
4. The above expenditure will be incurred from TGTRANSCO internal funds.

::3::

5. The Chief Engineer/P&MM is authorized for procurement of aforesaid licenses and SAO/SLDC&Tr/Vidyut Soudha to arrange payment.
6. These orders are issued with the concurrence of the Chairman & Managing Director/ TGTRANSCO vide Regd.No. 62 Dated: 17.01.2026

(BY ORDER AND IN THE NAME OF TRANSMISSION CORPORATION OF
TELANGANA LIMITED)

D.KRISHNA BHASKAR, IAS
CHAIRMAN & MANAGING DIRECTOR

To

Chief Engineer/Power Systems/TGTRANSCO/Vidyut Soudha/Hyderabad

Copy Communicated to

Chief Engineer/P&MM/TGTRANSCO/Vidyut Soudha/Hyderabad

Chief Engineer/SLDC/TGTRANSCO/Vidyut Soudha/Hyderabad

FA&CCA (A&E)/ TGTRANSCO/Vidyut Soudha/Hyderabad

DE(T) to Director/Grid and Transmission Management/ TGTRANSCO/Vidyut
Soudha/Hyderabad

DE(T) to Director/Projects/ TGTRANSCO/Vidyut Soudha/Hyderabad

PS to Director/Fin, Comml. & HRD/ TGTRANSCO/Vidyut Soudha/Hyderabad

SAO/SLDC&Tr/ TGTRANSCO/Vidyut Soudha/Hyderabad

AO/CPR/ TGTRANSCO/Vidyut Soudha/Hyderabad

T.O.O. Section

FORWARDED BY ORDER

Sd/-
DIVISIONAL ENGINEER
SYSTEM STUDIES-II