



SEIL ENERGY INDIA LIMITED

**INVITATION FOR EXPRESSION OF INTEREST (EOI)
for Supply of Generator Transformer**

SEIL/2026-27/WP/EOI/02

Date: 26-May-2026

SEIL Energy India Limited Invites Expression of Interest (EOI) from interested bidders for supply of Generator Transformer.

SEIL owns two supercritical thermal power plants with four 660 MW supercritical coal fired units as described here under:

1. **SEIL ENERGY INDIA LIMITED PROJECT-1** (2x660 MW) Pyanapuram/Nelaturu Village, Muthukur Mandal, SPSR Nellore -524344, Andhra Pradesh, India.
2. **SEIL ENERGY INDIA LIMITED PROJECT-2** (2x660 MW) Ananthavaram Village, Varakavipudi Panchayat, TP Gudur Mandal, SPSR Nellore -524344, Andhra Pradesh, India.

The technical details of the Generator Transformer are mentioned in Annexure-1.

Interested parties are requested to submit their requirement(s) in the specified standard format (Annexure-2) to chandra.v@seilenergy.com by 17:00 hrs. of 06-Jun-2026.

INVITATION FOR EXPRESSION OF INTEREST (EOI)

for

Supply of Generator Transformer 270MVA

Ref No. EOI No. : SEIL/2026-27/WP/EOI/02

Date: 26-May-2026

This expression of interest (EOI) consists of following Parts: -

Annexure- 1: Technical specification

Annexure-2: Format for Submission of Response to EOI.

Annexure-1

We operate a **2 × 660 MW thermal power plant (Plant-1)** located at **Nellore, Andhra Pradesh**. Each unit is equipped with three single-phase Generator Transformers (GTs) rated **270 MVA, 22/420/√3 kV** supplied by **TELK**.

We are presently planning to procure **one single-phase Generator Transformer** as a **direct one-to-one replacement**, equivalent in **design, dimensions, and performance** to the existing TELK make transformer.
Technical Details of Existing Telk make Transformer

Parameter	Details
Rated Capacity	160 / 216 / 270 MVA
Voltage Ratio	420/√3 / 22 kV
Tapping Range	+10% to -10% in steps of 2.5%
Tap Changer Type	Off-Circuit Tap Changer (OCTC)
% Impedance @ 270 MVA	15.82%
Temperature Rise (Top Oil / Winding)	50°C / 50°C
Cooling Type	ONAN / ONAF / OFAF
Guaranteed Losses (kW)	NL: 128 / LL: 496 / Aux: 16
Overall Dimensions	14.69 m × 7.8 m × 9.2 m
Cooler Banks	2 × 50%

Scope of Requirement

- Design and Supply of **one Single Phase, 270 MVA Generator Transformer**
- Transformer shall be:
 - Dimensionally compatible with existing foundation and layout
 - Electrically & functionally equivalent to TELK design
 - Suitable for parallel operation with existing units
- Compliance with relevant Latest IEC / IS standards

Format for Submission of Response to EOI

(On official letter head of the Bidder)

EOI for supply of Generator Transformer

Sl. No.	Description	Details
1	Name of the Bidder	
2	Status (Company / Individual / Partnership firm)	
3	GST No, as may be applicable	
4	PAN No.	
5	Production / Service Capacity per Annum	
6	Location and Address of Production / Service Facility	
7	Registered Address / Communication Address	
8	Mobile No	
9	Email Id	

Date:

Place:

Signature:

Name: