

# TRANSMISSION CORPORATION OF TELANGANA LIMITED

## Notice Inviting Bids

Tender Notice No. SE/OMC/NZB/ADE-1(T)/D.No.413/26, Dt.11-03-2026

1. The Superintending Engineer/OMC/TGTRANSCO/Nizamabad invite sealed bids for the supply of following materials.

<b>Tender Specification No.P-09/2025-26 of OMC Circle, Nizamabad</b>		
Sl. No.	Description of material	Qty. in Nos.
1	Supply of 3 kVA Inverters for SAS sub-stations in OMC Circle, Nizamabad.	4
2	Supply of 5 kVA Inverters for SAS sub-stations in OMC Circle, Nizamabad.	2

2. This specification covers supply and delivery FADS (Free at Destination Stores) of the above materials at ADE/Maint/400 kVSS Dichpally.
3. Prospective bidders can obtain tender specification from the office of the undersigned
  - i) **Last date for receipt of requisition and Issue of tender specification** : **09-04-2026 up to 17:00 Hrs.**
  - ii) **Last date of receipt of Tender Schedules** : **10-04-2026 up to 15:00 Hrs.**
  - iii) **Date and Time of opening of Tender** : **10-04-2026 at 16:00 Hrs.**
4. Bidders shall remit Rs. 590/- if collected in person and Rs.690/- if it is to be sent through post/courier, towards non-refundable cost of Bid Specification, in the following manner.

Through online payment to SBI A/c No.62348589533, IFSC Code: SBIN0020961 (Proof of payment shall be submitted while purchasing tender specification).
5. Details can be had from the concerned at O/o Superintending Engineer / OMC / TGTRANSCO / Nizamabad on all working days during office hours.

Contact person: Asst. Divisional Engineer/Tech (Mobile No.8712463648)
6. If any of the dates mentioned in the tender notification and specification happens to be holiday due to unforeseen reason, the same will be postponed to the next working day.
7. If the tender opening authority happens to be unavailable on the mentioned date of tender opening, the same will be postponed accordingly.
8. EMD @ 2% of the quoted value in the form of D.D/Online payment shall be submitted along with the bid.
9. This notice is available on TGTRANSCO website <https://www.tgtransco.com>
10. In case of ambiguity, discrepancy with respect to the tender conditions and situations which are not covered in tender specification, SE/OMC/Nizamabad is the final authority for taking decision.
11. The Superintending Engineer/OMC/Nizamabad reserves the right to reject any or all the tenders without assigning any reason.

Sd/-  
Superintending Engineer,  
OMC Circle, Nizamabad.

To  
The Notice Board

Copy submitted to  
The Chief Engineer/Karimnagar Zone/TGTRANSCO/Karimnagar  
The Chief Engineer/Transmission/TGTRANSCO/V.S./Hyderabad

**General Terms and Conditions.**

**1. ELIGIBILITY:**

- i) The bidder in his name should have supplied the similar type of products elsewhere in TGTRANSCO/TSGENCO /GOVERNMENT Departments (Central/State) **in past 5 years.**
- ii) Bidder shall furnish documentary proof for point (i) (Copies of Purchase Orders).

**2. FINANCIAL INFORMATION:**

Bidders shall furnish documentary proof establishing their financial capability (Turnover certificate issued by a chartered accountant for the amount equivalent to or more than the total bid price) for both the past two financial years (i.e., for FY 23-24 and 24-25), **excluding the current financial year (FY: 2025-26).**

**3. PRICES:** Prices should be Firm in rupees. Bidder should quote basic price and GST in their respective columns. Price variation is not applicable for this purchase order.

**4. VALIDITY:** Prices quotes should be valid for 90 days from the date of opening of tender.

**5. SUBMISSION OF BIDS:**

- a) Bid should contain the technical details of the material and commercial aspects of the bidder for checking the eligibility and EMD details i.e., proof of payment.
- b) These will include documents required as per clauses (1), (2) and (6)
- c) It should contain the price schedule and EMD.

**6. TECHNICAL DETAILS OF THE PRODUCT:**

**Brochure and/or Leaflets containing details of the material used and product details as per the description mentioned in Tender Notice.**

**7. EARNEST MONEY DEPOSIT:**

- i) Tender should be accompanied by an Earnest Money Deposit (EMD) equal to 2 % of the total Estimated contract Value of material offered against the bid.
- ii) EMD should be submitted in bid envelope. For the bidders who do not qualify in technical evaluation, the EMD will be returned to the bidder after placing of purchase order.
- iii) If the bidder fails to submit the EMD or insufficient EMD in bid envelope, such bidder will not be considered for evaluation.
- iv) EMD should be paid through Online payment through NEFT/RTGS to the account details mentioned Name of the Account: Superintending Engineer/OMC/TGTRANSCO/Nizamabad, **Receipt Account No: 62348589533, IFSC CODE: SBIN0020961**
- v) E.M.D. will be refunded to the unsuccessful bidders after finalization of tenders. For successful bidders, the EMD will be refunded after placing the Purchase Order.
- vi) EMD will be forfeited,
  - a) When the successful bidder does not accept the order after issue of letter of intent/acceptance letter.
  - b) When the successful bidder fails to furnish the security deposit within the specified period after issue of letter of intent/acceptance letter.
  - c) When the bidder alters his prices or withdraws his bid before the expiry of validity.
- vii) EMD not exempted to any category of firms including MSME.

## 8. EVALUATION CRITERIA:

- a) Tender received without documentary proof as mentioned at [clause-1 \(Eligibility\)](#), [Clause-2 \(Financial Information\)](#) & [clause-7](#) will be treated as not qualified and will not be considered for further price evaluation.
- b) If the technical details of the material furnished by the bidder are found not in accordance with the, relevant BIS, the tender of the bidder will be treated as technically not qualified and their bid will not be considered for further price evaluation.
- c) Those bidders who qualify in the Technical & Commercial Evaluation only will be considered for further Price evaluation.
- d) Evaluation will be done considering all the items as single tender.
- e) Where there is a discrepancy between the unit price and total price, the unit price will prevail and the total price will be corrected accordingly.
- f) Where there is a discrepancy between words and figures, the amount in words will prevail.
- g) Evaluation will be done based on the total price with applicable GST.
- h) L1 i.e., lowest price offered will be considered for placing purchase order.

**9. QUANTITY TO QUOTE:** Suppliers would be required to quote for total Quantities of each item in full as indicated in the Specification.

## 10. REJECTION:

- i) Bids received without EMD or insufficient EMD will be rejected.
- ii) Tender received without documentary proof as mentioned at clause (1 & 2) (Eligibility) will be rejected.

**11. ACCEPTANCE:** Bidder who offers the lowest price will be accepted.

**12. NEGOTIATIONS:** Only L1 bidder will be called for negotiations.

**13. VARIATION IN QUANTITIES:** The quantities are subject to variation i.e., increase or decrease, upto 50% of the tender quantities at the time of placing purchase order / during supply of materials.

## 14. SECURITY DEPOSIT:

- i) Successful bidder shall furnish security deposit for an amount equal to 10% of tender value within 15 days of receipt of Letter of Acceptance.

Through Online payment through NEFT/RTGS to the account details mentioned Name of the Account: Superintending Engineer/OMC/TGTRANSCO/Nizamabad, **Receipt Account No: 62348589533, IFSC CODE: SBIN0020961.**

The security deposit will be refunded after completion of warranty period and upon certification of performance of material from field engineers.

## 15. PURCHASE ORDER:

- i) Successful bidder will be issued with purchase order after due payment of security deposit as mentioned at [clause-14](#) and the successful bidder will then be called the supplier.
- ii) The supplier shall acknowledge the purchase order.
- iii) All the timelines for delivery and for penalty etc. commence from the date of acknowledgement of purchase order.

## 16. DELIVERY:

- i) The materials shall be supplied within **30 days** from the date of receipt of purchase order.
- ii) Delivery of material should be **made at ADE/Maint/400 kVSS Dichpally.**

**17. FORCE MAJEURE:**

- i) The Vendor will not be liable for penalty for late delivery, or Termination for default if and to the extent that its delay is the result of an event of Force Majeure.
- ii) For purpose of this clause, "Force Majeure" means an event beyond the control of the supplier and not involving the Supplier's fault or negligence and not fore seeable. Such events may include, but are not restricted to, wars or revolutions, fires, floods, epidemics, quarantine restrictions, lockdowns and freight embargoes.
- iii) If a Force Majeure situation arises, within 15 days from the date of eventuality, the Vendor shall notify the Purchaser in writing of such condition and the cause thereof. Unless otherwise directed by the Purchaser in writing, the Vendor shall continue to perform their obligations under the contract as far as it is reasonably practice, and will seek all reasonable alternative means for performance not prevented by the Force Majeure event.

**18. PENALTY FOR LATE DELIVERY:**

- i) Failure on of the supplier to deliver the goods within the stipulated period set out in the contract will attract penalty @ 0.5% per week of delay or part thereof on the value of the undelivered portion, subject to a maximum of 5% of the purchase order value.
- ii) If the penalty due to delay exceeds the specified maximum, the TGTRANSCO may consider cancellation of purchase order.
- iii) For the purpose of Penalty, the date of receipt of materials at the destination stores in good condition (date of check measurement as in Form-13) will be reckoned as the date of delivery.
- iv) The right of the TGTRANSCO shall be without prejudice to its right under the law including the right to cancel the contract, forfeit the deposit and or recover the damages for breach of contract.

**19. Guarantee/WARRANTY PERIOD:**

- i) The materials shall be guaranteed for satisfactory operation for a period of 18 months from the date of delivery or 12 months from date of commissioning or putting the material into use whichever is earlier.
- ii) If, during this period, any of the materials are found defective, they shall be repaired or replaced by the supplier free of cost to the TGTRANSCO within one month from the date of intimation.

**20. LOSS (OR) DAMAGE:**

- i) External damages that or prima facie the result of rough handling in transit or due to defective packing will be intimated to the supplier within a fortnight of the receipt of the material.
- ii) Defects, damages or shortages of any internal parts which cannot ordinarily be detected on a superficial visual examination, though due to bad handling in transit or defective packing, would be intimated within 2 months from the date of receipt of material.
- iii) In either case the damage/defective materials should be replaced by supplier at free cost.

**21. TERMS OF PAYMENT:**

- i) 100% payment to the supplier will be arranged within 30 days of receipt of the material in good condition at the destination stores and/or receipt of supplier's invoice in duplicate.
- ii) Documents to be submitted for payment:
  - a) GST tax invoice in prescribed format in duplicate
  - b) Form-13
  - c) Delivery challan with due certification of receipt of material and check measurement by the competent officers.
  - d) **Guarantee/Warranty certificate for material supplied as per Clause (19)**
- iii) If the supplier receives any excess payments by mistake or if any amounts are due to TGTRANSCO due to any other reason and it is not possible to recover such amounts under

the contract resulting out of this specification, the TGTRANSCO reserves the right to collect the same from any other amounts payable to the supplier.

- iv) When the supplier does not at any time fulfill his obligation in replacing, rectifying etc., of the damaged/defective materials in part or whole promptly to the satisfaction of the TGTRANSCO officers, the TGTRANSCO reserves the right not to accept the invoices against subsequent dispatches made by the supplier.

**22. GOODS AND SERVICES TAX (GST):**

- i) GST No. of TGTRANSCO is 36 AAFCT0166J1Z9 and shall be quoted on their invoice.
- ii) The GST Registration number of Supplier shall to be quoted on each invoice.
- iii) Tax invoice shall contain SGST and CGST breakup (or IGST) along with HSN Code.
- iv) suppliers who have opted for composition scheme in GST shall not charge GST in their invoice. Supplier shall submit the Bill of supply without charging GST stating on the top of their Bill of Supply that "Composition taxable person, not eligible to collect tax on supplies".
- v) The input tax credit claimed by registered taxable person should commensurate reduction in the price of goods and services supplied to TGTRANSCO.
- vi) GST TDS @ 2% will be recovered and remitted to Government (if applicable).
- vii) E-mail address shall be mentioned on the invoice to send TDS certificate.

**23. STATUTORY VARIATION:**

- i) Any variation up or down in statutory levy or new levies introduced after issuing of purchase order under this specification will be to the account of TGTRANSCO.
- ii) Where delivery schedule is not adhered to by the supplier and there are upward variation / revision after the agreed delivered date, the supplier shall bear the impact of such levies and if there is downward variation / revision the TGTRANSCO should be given credit to that extent.

**24. JURISDICTION:** All and any disputes or differences arising out of or touching this contract will be decided by the Courts situated at Nizamabad in Telangana State.

**25. GENERAL:**

- i) Bidder shall sign on all the pages of the tender specification including the technical specification as a token of acceptance of all the terms and conditions of the specifications.
- ii) In case of ambiguity, discrepancy with respect to tender conditions and situations which are not covered in tender specification, SE/OMC/Nizamabad is the final authority for taking decision and no correspondence will be entertained in this matter.
- iii) Bidder or his representative can witness tender opening process. Representative shall furnish authorization letter from the bidder to attend tender opening. However bidders/representatives are advised to attend tender opening process. Bidders who do not attend tender opening process will forego the right to put any claims regarding decisions taken during tender opening process.
- iv) The Superintending Engineer/OMC/Nizamabad reserves the right to reject any or all the tenders without assigning any reason.
- v) The Superintending Engineer/OMC/ Nizamabad reserves the right to cancel the tender process at any stage if required and bidders shall not have right to ask for reasons.

Signature of the tenderer  
With date & seal

Sd/-  
Superintending Engineer,  
OMC, Nizamabad

## GENERAL TECHNICAL REQUIREMENTS

### Single Phase Inverter Specification

- **Type:** Static Inverter for Uninterrupted Backup Power Supply
- **Duty:** Continuous duty, 24×7 operation
- **Rated Power:** 3 kVA & 5 kVA
- **Input Dual Voltage:** DC 220 V system range: 176 V DC to 275 V DC  
AC 230 V system range: 200V AC to 245 V AC
- **Maximum DC Ripple:** ≤ 2%
- **AC Output Voltage:** 230 V AC, Regulated Single Phase
- **Voltage Regulation:** ±1% (steady state)
- **Rated Frequency:** 50 Hz
- **Frequency Regulation:** ±0.1 Hz
- **Design Philosophy:** High reliability, low ripple, suitable for sensitive electronic loads
- **Applicable Standards:**
  - IEC 62040 (UPS / Inverter systems)
  - IEC 61000 (EMC & Harmonics)
  - IEEE 519 (Harmonics)
  - IS Relevant IS standards
- **Overload Capacity:**
  - 125% load for 10 minutes
  - 150% load for 60 seconds

### Performance Requirements

- **Efficiency:** ≥ 90% at full load
- **Dynamic Voltage Response:** ≤ ±3% for 10%–100% step load change
- **Recovery Time:** ≤ 20 ms
- **No-break Operation:** Yes (continuous output during DC variations)

### Protection Features

- DC Over-voltage Protection
- DC Under-voltage Protection with alarm
- Output Over-voltage Protection
- Output Under-voltage Protection
- Output Short Circuit Protection
- Overload Protection
- Over-temperature Protection
- Input Reverse Polarity Protection
- Surge Protection (Input & Output)

### **Indication & Alarms**

- **Local**

**Indications:**

- DC Healthy
  - AC Output Healthy
  - Load on Inverter
  - Alarm / Trip Status
  
- **Alarms (Potential Free Contacts):**
  - DC Fail / Low DC Voltage
  - Inverter Fault
  - AC Output Fail
  - Overload
  - Over-temperature
- **Display:** LED / LCD (optional)
- The changeover shall be **static (solid-state)** with **no break / no disturbance** to the AC output Voltage
- Maximum changeover time shall be **0 ms (no-break)** and shall not cause reset, reboot, or malfunction of any connected Load.
- Upon restoration of the failed inverter, the system shall allow:
  - Automatic return to standby mode, or
  - Manual re-transfer, selectable by the user
- Individual inverter modules shall be provided with **isolating MCBs / MCCBs** on DC input and AC output for safe maintenance without interruption to supply.

**Signature of the tenderer**

Sd/-  
**Superintending Engineer,  
OMC circle, Nizamabad.**