



TRANSMISSION CORPORATION OF TELANGANA LIMITED

Website:Transco.telangana.gov.in CIN No.U40102AP2014SGC094248

O/o Superintending Engineer
OMC, Metro Central,
Erramanzil, Hyderabad.

Tender No.SE/OMC/METRO-CENTRAL/HYD/ADE-T/AE2/F./D.No.4132/ 25, Dt.16.01.2026.

Sub: OMC/METRO-CENTRAL – Tender Notice for “Supply of 3Nos. 3KVA Inverters for 220/132KV GIS Imlibun SS and 220KV Osmania University GIS SS required in OMC/ Metro-Central” from the authorized vendors/ suppliers/manufacturers/ other agencies” – Reg.

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Sealed Tenders are invited for “**Supply of 3Nos. 3KVA Inverters for 220/132KV GIS Imlibun SS and 220KV Osmania University GIS SS**” from the authorized Vendors/suppliers/manufacturers/other agencies.

Sl.No.	Specification No.	Description of work	E.M.D.	Approximate value of work in Rs.
1.	P-03/2025-26	Supply of 3Nos. 3KVA Inverters for 220/132KV GIS Imlibun SS and 220KV Osmania University GIS SS.	Rs. 4,106/-	Rs.2,05,320/-

Detailed tender specification can be downloaded from TGTRANSCO website, www.transco.telangana.gov.in from **16.01.2026**.

The following documents and DD's are to be enclosed scrupulously, along with the specification:

- 1) A demand draft for **Rs.590/- (Rupees Five Hundred and Ninety Only)** drawn on any scheduled bank in favour of Superintending Engineer/OMC/Metro-Central/Hyderabad payable at Hyderabad for each specification. The specification cost is non-refundable.
- 2) A demand draft for an amount of **Rs.4,106/- (Rupees Four Thousand One Hundred and Six Only)** drawn on any scheduled bank in favour of SE/OMC/ Metro-Central/ Hyderabad payable at Hyderabad towards EMD.

The filled in tenders duly signed & super scribbling on envelope as mentioned in specification shall be deposited in the sealed tender box provided in the O/o. SE/OMC/Metro-Central/Erramanzil/Hyderabad.

Last date for receipt of filled in sealed tender in tender box : 17.02.2026 upto 15:00 Hrs.

Date & time of opening of the tenders : 17.02.2026 at 16:00 Hrs.

For further details please contact this office (se.omc.mc@tgtransco.com) during office working period or visit website www.tgtransco.com.

Sd/-

**SUPERINTENDING ENGINEER,
OMC/METRO-CENTRAL/HYD.**

Copy Submitted to: The Chief Engineer/Metro Zone/TGTRANSCO/Erragadda/Hyderabad.

Copy to: The Divisional Engineer/O&M/Metro-Central/Erragadda/Hyderabad

Notice Board

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TRANSMISSION CORPORATION OF TELANGANA LIMITED



TENDER DOCUMENT FOR : Supply of 3Nos. 3KVA Inverters for 220/132KV GIS Imlibun SS and 220KV Osmania University GIS SS.

SPECIFICATION No : P- 03 /2025-26 of SE/OMC/Metro-Central/Hyd.

COST OF SPECIFICATION : Rs. 590/-

LAST DATE OF RECEIPT OF TENDERS : 17.02.2026 upto 15.00 Hrs.

DATE AND TIME OF OPENING OF TENDERS: 17.02.2026 at 16.00 Hrs.

M/s _____

Sd/-

**SUPERINTENDING ENGINEER,
OMC/METRO-CENTRAL/HYD**

TRANSMISSION CORPORATION OF TELANGANA LIMITED
TENDER SPECIFICATION NO. SE/OMC/METRO-CENTRAL/HYD/P- 03 /2025-26

1. Name of the work : Supply of 3Nos. 3KVA Inverters for 220/132KV GIS Imlibun SS and 220KV Osmania University GIS SS.

2. Officer to whom Tenders shall be submitted : Superintending Engineer/OMC/Metro-Central, 2nd Floor 132KV GIS SS NIMS, Erramanzil Colony,Panjagutta, Hyderabad-82

3. Superscription on the sealed :
Tender covers (i). Name of the work
(ii) Tender Specification No.
(iii) Details of Bid Security and Tender Specification cost.
(D.D.No., Amount etc.,) enclosed
(iv) Registration with TGTRANSCO if any,
(v) Tender opening time & date
(Vi) Tender is valid for 90 Days from the date of opening (Yes/No)

4. Last date & time of receipt of Tender : **17.02.2026 upto 15:00 Hrs.**

5. Date & Time of opening of Tender : **17.02.2026 at 16:00 Hrs.**

6. Place of opening : O/o Superintending Engineer/OMC/Metro-Central/ TGTRANSCO, Erramanzil, Hyderabad-500 082

7. Cost of Specification : **Rs.590/- (Rupees Five Hundred and Ninety only)** to be paid in the form of D.D. in favour of Superintending Engineer/OMC/Metro-Central/ TGTRANSCO/Hyderabad.

8. Bid Security to be paid : **Rs.4,106/- (Rupees Four Thousand One Hundred and Six Only)** in the form of Demand Draft or Bankers cheque in favour of “Superintending Engineer/ OMC/Metro-Central/TGTRANSCO/Erramanzil/ Hyderabad payable at Hyderabad.

9. Performance Security : 10% of the Purchase value

10. Addl. Security deposit : For tendered percentage below 10%, additional Security deposit has to be paid for the less Percentage below 10%.

11. Bid Validity period : 90 days from the date of opening.

Sd/-
**SUPERINTENDING ENGINEER,
OMC/METRO CENTRAL/HYD**

SECTION - I GENERAL

1.1. SCOPE OF WORK:

1.1.1 This specification covers the manufacture, testing and delivery FADS (Free at Destination – 2Nos. at 220KV GIS Imlibun and 1No. at 220KV GIS OU) of the material as detailed in the schedule attached to the specification.

1.2. FILLING UP OF SCHEDULES:

1.2.1 All the schedules should be duly filled in but not necessarily in the form Sheets attached to the specification: Unless full details required in the Schedules are furnished, tender offers will not be considered.

1.3. CLEARING OF DOUBTS:

1.3.1 If the tenderer has any doubt about the meaning of any portion of this specification, he should at once obtain the required clarification/information in writing from the Superintending Engineer/OMC/Metro Central from whom he has received the specification before 15days from the date of tender opening after which no correspondence will be entertained.

1.4. EARNEST MONEY DEPOSIT:

1.4.1 Each tender must pay an E.M.D for an amount of **Rs.4,106/- (Rupees Four Thousand One Hundred and Six Only)** This amount should be paid by way of Crossed Demand Draft on the State Bank of Hyderabad, State Bank of India or any other scheduled Bank drawn in favour of the SE/OMC/Metro-Central/Hyderabad payable at Hyderabad. The crossed D.D. shall compulsorily be enclosed to the tender.

1.4.2 Submission of E.M.D. by way of cheques, cash, money order, call deposit or bank guarantee will not be accepted and will be considered as disqualification.

1.4.3 **Where the E.M.D. required to be deposited for any particular tender exceeds Rs.5,000/- tenderers may pay Rs.5,000/- by way of D.D. and furnish the balance by way of Bank Guarantee from any scheduled bank valid for 6 months or for a period equal to the period of validity of the tender whichever is longer.**

1.4.4 Requests for exemption from payment of E.M.D. will not be entertained in any case even though the tenderers are registered with D.G.S. & D, S.S.I. and N.S.I.C and also in the case of SC and ST vendors (or) MSME certificate holders.

1.4.5 Payment of E.M.D. will be waived at the discretion of the Board in the case of cent percent Government undertakings of the Central or State Government such undertakings should immediately apply and obtain exemption before submitting their tenders. Exemption accorded by any Organization other than TGTRANSCO will not be considered.

1.4.6 The E.M.D. will be refunded to unsuccessful tenderers on application after intimation of the rejection of the tender. In the case of successful tenderer ,the E.M.D. may be adjusted towards part security deposit.

1.4.7 The E.M.D. will be forfeited in the following cases:-

- a) When the successful tenderer does not accept the order after issue of preliminary acceptance letter or the letter of intent;
- b) When the successful tenderer fails to furnish the Security Deposit within 15 days from the date of issue of preliminary acceptance letter or the letter of intent.

- c) When tender is disqualified for the reasons outlined in para 1.12.8.
- d) When a tenderer alters his price or withdraws his offer during the Validity period.

- 1.4.8.** Tenderers has to furnish the samples along with the tender without fail.
- 1.4.9.** The fact of having enclosed the E.M.D. and Tender Specification cost by Demand Draft in original along with the tender should be clearly superscribed on the sealed envelope.
- 1.4.10.** Tenders which do not contain the above superscription on the sealed envelope shall be returned to the respective tenderers unopened without any consideration whatsoever.
- 1.4.11.** Cases where the E.M.D and Tender Specification cost is superscribed on the cover but the respective original Demand drafts are not found within or if the EMD paid is less than the requisite EMD to be paid shall be rejected and shall run the risk of being blacklisted by the TGTRANSCO.

1.5. VALIDITY OF TENDER:

- 1.5.1.** Tender should be kept valid and open for acceptance for a period of 90 days counting from the date of opening of the tenders. The period of validity cannot be counted from any date other than the date of opening of the tenders. The tenderers will not be permitted to withdraw or vary their offer once made within 90 days from the date of opening of the tender and if they do so, the E.M.D. will be forfeited.
- 1.5.2.** The tenderer should clearly superscribe on the sealed tender envelop about the validity of tender i.e. Number of days. Any offer giving a lesser period of validity other than 90 days is liable to be returned un-opened at the discretion of the TGTRANSCO.

1.6. PAST PERFORMANCE:

- 1.6.1.** The tenderer should furnish full particulars regarding supplies of the materials in question made so far to TGTRANSCO and other Boards and Organizations in India.

1.7. TAX CLEARANCE CERTIFICATE:

- 1.7.1.** Copies of Income Tax and Turnover Tax certificates for the latest period from the appropriate income authority shall invariably be enclosed to the tender. In the case of proprietary or partnership firm it will be necessary to produce the certificate/certificates for the proprietor or proprietors and for each of the partners as the case may be. If the certificate has already been produced by the tenderer during the calendar Year in which the tender is made, it will be sufficient, if particulars of the previous occasion are given.

1.8. SERVICE CONDITIONS:

Due consideration will be given to any special devices or attachments put forward by the tenderer which are calculated to enhance the general utility and the safe and efficient operation of the equipment.

1.9 QUANTITY TO QUOTE:

- 1.9.1** Suppliers would be required to quote for total Quantities of each item in full as indicated in the Specification. Offers quoting less than the prescribed quantity are liable for rejection.

1.10 COMPLETENESS OF TENDER:

1.10.1 The tender should be complete with all details of materials, illustrative and descriptive literature and drawings, and information regarding the Country of manufacture and origin of materials used in the manufacture of the articles.

1.10.2 The tenderer should include all minor accessories not specifically mentioned in this specification but essential for the completeness of the equipment. The tenderer shall not be eligible for any extra charges in respect of such minor accessories, even though they are not mentioned in the tender specification.

1.11 DEVIATIONS FROM SPECIFICATION:

1.11.1 No deviations from the terms and conditions are allowed. All tenders should strictly conform to the conditions notified. Any tenders not strictly in conformity with the notified conditions are liable to be rejected.

1.12 DUE DATE AND SUBMISSION OF TENDER:

1.12.1 Tenders in duplicate each complete with all schedules and tender forms filled in together with all accompanying tender drawings, descriptive and illustrative literature also in duplicate be sent in a sealed cover kept in an outer sealed cover both addressed to the SE/OMC/Metro-Central/Hyderabad so as to reach him by the due date and time specified in the tender notification. The name of the Tenderer should be clearly written both on the sealed cover and outer envelope.

1.12.3 Tenders not superscribed as in clause 1.12.2 are liable to be rejected.

1.12.4 The Tenderers shall invariably complete Forms IIIA, IIIB, IIIC & IIID attached to the specification and enclosed the same to the tender without fail. Tenders without these enclosures will be rejected.

1.12.5 The time of actual receipt in the tender receiving office only will count for the acceptance of the tender and the date of tender, date stamp of post Office or date stamp of any other office will not count. The TGTRANSCO will not be responsible for any postal or any transit delays.

1.12.6 Standard printed conditions attached to the tender will not be accepted. Only those mentioned in the body of the tender will be considered. Should the tenderer wish to depart from the provision of this specification, He shall list such departures in the body of the tender and submit full particulars and reasons for such departure. Unless so specifically brought out and explained the equipment/materials offered shall be considered to comply in every respect with the terms and conditions contained in the Specification.

1.12.7 Telegraphic quotations will not be entertained under any circumstances. Clarifications, amplifications, and/or any other correspondence from the tenderer subsequent to the opening of tender will not be entertained. The Tenderers are advised to ensure that their tenders are sent in complete shape at the first instance itself.

1.12.8 Post tender rebates, revisions or deviations in quoted prices and/or conditions or any such offers which will give a benefit to the tenderer over others will not only be rejected outright but the original tender itself will get disqualified on this account and the tenderer's E.M.D. will be forfeited. Conditional discounts are not acceptable.

1.12.9 Samples for each item shall be submitted along with Tender. Each sample shall be superscribed with "Name of the Supplier".

1.13 TENDER OPENING DATE:

1.13.1 Tenders will be opened at the office of the Superintending Engineer/ OMC/Metro-Central/ Erramanzil Colony/Hyderabad as indicated in the Tender Notice on the date and time as specified therein in the presence of such of those tenderers or their authorized representatives as may desire to be present.

1.13.2 In the event of the specified date of the tender opening being declared a holiday for the purchaser, the tender shall be opened at the appointed time and location on the next working day or any other day as notified on the notice board at the office of SE/OMC/Metro-Central Hyderabad

1.14 ACCEPTANCE:

1.14.1 It is not binding on the TGTRANSCO to accept the lowest or any tender. The TGTRANSCO reserves the right to place orders for individual items with different tenderers and to revise the quantities at the time of placing the order and to order extra materials upto the extent of the offered quantities within the validity of the tender. The orders for the items may be split up between different tenderers to facilitate quick delivery of the materials required. The TGTRANSCO also reserves the right to accept or reject any particular tender without assigning any reasons therefore.

1.14.2 The TGTRANSCO reserves the right to vary the ordered quantity during the execution of the order.

1.15 POST TENDER OFFERS:

1.15.1 Under no circumstances shall a tenderer alter his price or price variation formula during the validity period after tenders are opened. Any tenderer who does so resulting in recalling of tenders by TGTRANSCO shall not only lose his E.M.D. but also run the risk of being blacklisted by the TGTRANSCO which reserves the right under the law to recover damages resulting there from.

1.16 INTERCHANGEABILITY:

1.16.1 All similar materials and removable parts of similar equipment shall be interchangeable with each other. A specific confirmation of this should be furnished in the tender.

1.17 PLACE OF LOCATION:

1.17.1 Particulars of site location and nearest rail heads to which the equipments/Material have to be supplied will be given to successful tenders.

1.18 DELIVERY :

1.18.1 Delivery period shall be reckoned from the date of receipt of the purchase order. The delivery quoted shall be firm, definite, unconditional and on the basis of receipt of material at destination in good condition without any bearing on the procurement of raw materials or any similar Pre-requisites. The commencement date and date of completion of deliveries shall be indicated. The preferred delivery time which is the essence of this specification is indicated. in the schedule. Final deliveries are however, subject to confirmation at the time of placing the letter of intent. Delay in delivery of materials FADS -(Free at Destination Store) due to non-availability of railway booking, non-allotment of wagons and any such reasons will not be considered. It is the responsibility of the supplier to make alternative arrangements for transporting the material by road or rail so as to see the material reaches the destination within the stipulated period. Board reserves its right to defer the delivery date at any time after orders are placed giving not less than 2 months notice without any change in the other conditions of supply. The delivery period shall be reckoned from the date of receipt of Purchase Order shall be guaranteed under penalty as in clause 2.11.

1.19 TEST CERTIFICATES :

1.19.1 The latest test certificates containing the result of the tests as per the relevant ISS or other specification stipulated must be submitted to the SE/OMC/Metro-Central/Hyderabad, before delivery of the material, if the tenderer is addressed for submission of the same.

1.19.2 The tenderer should specifically mention about furnishing the manufacturer's test certificates and a specimen form of test certificate should be furnished along with the tender.

1.20 INSPECTION :

1.20.1 The accredited representative of the TGTRANSCO shall have access to the supplier's or his sub-contractor's works at any time during working hours for the purpose of inspecting the materials during manufacturing of the plant and equipment and testing and may select test samples from the materials going into plant and equipment. The supplier shall provide the facilities for testing such samples at any time. As soon as the materials are ready the supplier shall duly send intimation to TSTRASCO by Regd. post and carry out the tests before the representative of the TGTRANSCO. If the material is not kept ready at the time of inspection as informed, the performance of company for the tenders will be viewed seriously.

1.20.2 The TGTRANSCO may at its option get the materials inspected by a third party if it feels necessary and all inspection charges in this connection will be borne by the supplier.

1.20.3 The dispatches shall be affected only if the test results comply with the specification.

1.20.4 All expenditure towards testing is to the account of supplier only.

1.20.5 The acceptance of any quantity of materials will in no way relieve the supplier of its responsibility for meeting all the requirements of this specification and will not prevent subsequent rejection if such materials are later found to be defective.

1.20.6 The supplier will give 15 days advance intimation to enable the Purchaser depute his representative for witnessing the acceptance and routine tests.

1.20.7 Should any inspected or tested materials / equipment fail to confirm to the specification, the Purchaser may reject the materials and supplier will either replace the rejected materials or make alterations necessary to meet specifications requirements free of costs to the Purchaser

1.21 PACKING :

1.21.1 The packing may be in accordance with the manufacturer's standard practice unless otherwise specified. The supplier should however, ensure that the packing is such that equipments reach the destination without damages after transport by Air, Sea, Rail and/or Road.

1.21.2 The supplier, whenever dispatches material to a destination should prepare the following information in the form of packing slip in quadruplicate and send the same to the consignee and obtain his acknowledgement on the same. The consignee will return to supplier one copy of packing slip with his remarks. The proforma of packing slip shall be as follows:

PACKING SLIP

1. Purchase Order No. & Date.
2. Quantity allotted to the stores and rate applicable.
3. Quantity so far supplied to the stores and the rate applied
4. Quantity now supplied and the rate applied
5. Total quantity supplied under the purchase order with rates applied.
6. Programme for supplying the balance quantity to the stores.

1.21.3 The supplier shall invariably send to the purchasing officer a copy of Delivery challan whenever materials are dispatched.

1.22 GUARANTEE :

1.22.1 The successful tender shall guarantee among other things the following:

- a) Quantity and quality of material used
- b) Safe electrical and mechanical stresses on all parts of the equipment, under specified condition of operation.
- c) The material shall be guaranteed for satisfactory operation for a period of atleast one year (12 months) from the date of commissioning (or) putting the material into use, or eighteen months (18 months) from the date of receipt of material at mentioned substations in good condition whichever is earlier.

1.22.2 If during the period of guarantee, any of the materials, equipments or plant are found defective and/or fail in test or operation, such materials, equipment or plant shall be repaired or replaced by the tenderer free of cost to the TGTRANSCO irrespective of the reimbursements from the insurance company within reasonable time which shall in no circumstances be more than 15 days or such other reasonable time as the TGTRANSCO may deem proper to afford failing which the cost of the failed units will be deducted from the subsequent bills/Bank Guarantee.

1.23 LABELING :

1.23.1 Material to be supplied shall be labeled with full details of Manufacture, capacities and other details as specified in the relevant ISS or other specification stipulated. The purchase order Number and date and year of supply and the words TGTRANSCO must be etched on the name plate.

1.24 MATERIALS & WORKMANSHIP :

1.24.1 All the materials shall be of the best class and shall be capable of satisfactory operation in the tropics under service conditions without distortion or deterioration. No welding or plugging of defective parts shall be permitted, unless otherwise specified, they shall confirm to the requirements of the appropriate Indian, British or American Standards,(Where a standard specification covering the material in question has not been published, the standards of the American Society for testing of Materials should be followed).

1.24.2 The entire design and construction shall be capable of withstanding the several stresses likely to occur in actual service and of resisting rough handling during transport.

1.25 JURISDICTION:

1.25.1 All and any disputes or differences arising out of or touching the order against this specification shall be decided only by the Courts or Tribunals situated in the geographical boundaries of SE/OMC/Metro-Central. No suit or other legal proceedings shall be instituted elsewhere.

1.26 As per the circular No.11 of 2021, Dtd:21.06.2021 issued by CBDT the contractor has to submit the proofs of Income Tax Return (ITR) of two relevant previous years when the total tax deducted & Tax Collected is of Rs.50,000/- (Rupees Fifty Thousand) or more in each of these two previous years for each deductee and shall also submit proof of PAN linked to Aadhar of the contractor along with declaration for filing the Income Tax Returns for previous two years (proforma enclosed) duly signed stamped on the letter head along with work bills which is mandatory.

**ALL TERMS AND CONDITIONS
ACCEPTED**

**Signature of the Tenderer
(Seal & Date)**

SECTION – II

FINANCIAL

2.1 PRICES :

Firm Prices: Where prices are quoted on firm basis the quotations should be FADS price inclusive of E.D and other legally permissible duties and levies wherever applicable, handling charges and insurance to cover the transport by road from destination railway station to site/stores and Storage at site/stores for 30days thereafter.

2.1.2 Even though composite Firm price is quoted, the break-up for all the duties Taxes, freight, insurance etc. shall be furnished.

2.1.3 It is the responsibility of the tenderer to inform himself of the correct rates of duties and taxes leviable on the materials at the time of tendering.

2.1.4 If the rates of statutory levies assumed by the tenderer are less than the correct rates prevailing at the time of tendering the TGTRANSCO will not be responsible for such errors. If the rates of statutory levies assumed by the tenderer are later proved to be higher than the actual/correct rates prevailing at the time of tendering, the difference shall be passed on to the credit of the TGTRANSCO. If the rates of statutory levels assumed by the tenderer increases due to increase in turnover, the increase shall be borne by the tenderer.

2.2 STATUTORY VARIATION :

2.2.1 Any variation up or down in statutory levy or new levy introduced after opening of the tender/after placing of the order under this specification shall be to the account of the Board provided that in cases where delivery schedule is not adhered to by the tenderer and there is upward variation/revision after the agreed delivery date, the tenderer/supplier shall bear the impact of such levies and if there is downward variation/revision the TGTRANSCO shall be given credit to that extent.

2.2.1 INSURANCE :

2.3.1 Insurance shall be responsibility of the tenderer as FADS rates are called for. The insurance should include the transport by Road from destination Railway station to the site/stores and storage for 45 days thereafter. Where a policy is taken it should contain a provision for extension to cover further storage and erection at TGTRANSCO's cost and insurance charges shall be indicated separately. The TGTRANSCO shall have the option either to arrange for insurance or ask the tenderer to insure goods.

2.2.1 ROYALTIES FOR PATENTS :

2.4.1 All royalties for patents or charges for the use or infringement thereof that may be involved the construction or use of any equipment shall be included in the tendered price. The tenderer shall protect the TGTRANSCO against any and all claims arising on account of the use thereof, the TGTRANSCO agreeing to furnish the tenderer any appropriate information or assistance.

2.2.1 PERFORMANCE SECURITY DEPOSIT :

2.5.1 The successful tenders shall furnish within 15 days from the date of issue of the letter of intent, Security Deposit equal to 10% of the total accepted tender value for proper fulfillment of the contract, which will include the guarantee period failing which the E.M.D. will be forfeited. This will not be waived in any case under any circumstance. The name(s) and Officers) in whose favour the deposit is to be made out will be intimated at the time of placing orders. The amount shall be forfeited, if the successful tenderer fails to fulfill the terms of contract/order.

2.5.2 Security Deposit may be paid by crossed Demand Draft on any scheduled bank in the Headquarters of the officer in whose favour it is to be made or by Bank guarantee from any scheduled bank covering a period of 6 months over and above the guarantee period in the prescribed proforma.

2.5.3 The Bank guarantee for Security Deposit should be extended suitably in case the equipment is found defective and not attended to within the performance guarantee period.

2.2.1 TERMS OF PAYMENT :

2.6.1 100% payment will be made within 45 days of the date of receipt of goods in good condition duly certified by the consignee or after approval of the test certificate whichever is later. No interest will be payable in case the payment is delayed for whatever reason. The 100% payment mentioned above is subject to the condition that the supplier furnished in advance an approved Bank Guarantee to the extent of 10% of the contract price covering a period of 6 months over and above the period of performance guarantee against defective supplies or 10% of the contract price by way of Demand draft drawn on any bank. 10% will be released after successful completion of performance guarantee.

Or

2.6.3 The supplier should invariably submit test certificates as soon as dispatch made so that the test certificate can be checked up and approved well before it becomes due for payment.

2.6.4 The performance guarantee to be executed in accordance with the specification shall be furnished on a stamp paper of value of Rs.100/-. The Bank guarantee shall be extended

suitably in case the equipment/material is found defective within the guarantee period. The defective portion or those of the equipment/material so replaced or renewed should give satisfactory performance till the expiry of 6 months from the date of such replacement/renewed or until the end of guarantee period whichever is later.

2.6.5 Payment for the material supplied will be made by RTGS by SAO, O/o.SE/OMC/Metro-Central.

2.6.6 If the contractor has received any over payments by mistake or if any amounts are due to the TGTRANSCO due to any other reason, when 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 and/or Bank Guarantees given by the company due to or with the TGTRANSCO.

2.6.7 When the supplier does not at any time, fulfill his obligations in replacing/ rectifying etc. of the damaged/defective materials in part or whole promptly to the satisfaction of the TGTRANSCO's Officers, The TGTRANSCO reserves the right not to accept the bills against subsequent dispatches made by the supplier and only the supplier will be responsible for any demurrages, wharfages or damages occurring to consignment so dispatched.

2.7 **CURRENCY OF PAYMENT:**

2.7.1 All payments will be made in Indian Rupees

2.8 **RESPONSIBILITY OF THE TENDERER FOR LOSS/DAMAGE :**

2.8.1 The tenderer is responsible for the safe delivery of the goods in good condition at the destination. He should acquaint himself of the conditions obtaining for handling and transport of the goods to destination and shall include and provide for security and protective packing of the goods so as to avoid damage in transit.

2.8.2 External damages or shortages that are *prima-facie* the results of rough handling in transit or due to defective packing will be within a fortnight of the receipt of the materials. Internal defects, damages or shortages of any integral parts which cannot ordinarily be detected on a superficial visual examination though due to bad handling in transit or defective packing will be intimated within 2 months from the date of receipt of the materials in either case the defective or damaged materials should be replaced by the supplier free of cost to the TGTRANSCO. If no steps are taken within 15 days of receipt of intimation of defects or such other reasonable time as the TGTRANSCO may deem proper to afford, the TGTRANSCO may without prejudice to Its other rights and remedies causing to be repaired or rectified the defective material or replace the same and recover the expenditure incurred therefore from the deposit such as Earnest Money, Security and performance or other monies available with TGTRANSCO or by resorting to legal action.

2.8.3 For the purpose of any legal construction, the materials shall be deemed to pass into TGTRANSCO's ownership only at the final destination where they are delivered and accepted.

2.9 **PENALTY FOR LATE DELIVERY:**

2.9.1 i) General:- The time for and the dates for delivery mentioned in the purchase order shall be deemed to be the essence of the contract. In case of delay in delivery of materials at destination, whatever be the reason, the Board may at its option, demand and recover from you an amount equivalent to half percent of the value of the materials not delivered within the prescribed time limit for every week of delay or part thereof, subject to a max. of 5% of the total value of the contract. This right of the TGTRANSCO shall be without prejudice to its rights under the law including the right to cancel the contract, forfeit the deposit and/or recover damages for breach of contract.

ii) The date of receipt of materials at the destination stores in good condition (Form-13) will be taken as the date of delivery.

2.9.2 For penalty, the number of days of delay would be rounded off to the nearest week and interest calculated accordingly.

2.9.3 Materials/ equipment which are not acceptable quality or are not confirming to specification would be deemed to be not delivered.

2.9.4 The penalty specified in Clause 2.9.1 shall be levied and would be adjusted against subsequent pending bills.

2.10 FORCE MAJEURE:

2.10.1 The supplier will not be liable for delay or for failing to supply the material/equipment for reasons of 'Force Majeure' such as of God, acts of public enemy, acts of Govt. fires, floods, strikes, lockouts etc. and strikes in works manufacturers of proprietary items as specified by the TGTRANSCO.

2.10.2 The supplier shall within 10 days from the beginning of such delay notify to the TGTRANSCO in writing the cause of delay. The TGTRANSCO shall verify the facts and grant such extension of time as facts justify.

2.10.3 No price variation shall be allowed during the period of force majeure and penalty would not be levied for this period.

2.11 RISK PURCHASE AND BLACK LISTING :

2.11.1 In case of supplier who has not adhered to the delivery schedule, the TGTRANSCO reserves the right to purchase the balance quantity from the open market floating another Tender and recover the extra expenditure thus incurred from the supplier. TGTRANSCO reserves the right to black List the supplier who has not adhered to the delivery schedule. This is in addition to the rights of the TGTRANSCO mentioned in the specification.

2.12 As per the circular No.11 of 2021, Dtd:21.06.2021 issued by CBDT the contractor has to submit the proofs of Income Tax Return (ITR) of two relevant previous years when the total tax deducted & Tax Collected is of Rs.50,000/- (Rupees Fifty Thousand) or more in each of these two previous years for each deductee and shall also submit proof of PAN linked to Aadhar of the contractor along with declaration for filing the Income Tax Returns for previous two years (proforma enclosed) duly signed stamped on the letter head along with work bills which is mandatory.

2.13 As per the circular vide Lr.No.ED(Fin)./Dy. CCA(A,S&E)/SAO(A,GST&OT) /AAO(GST) /D.No.292/23, Dt:02.11.2023 w.e.f 01.08.2023 e-invoicing (IRN) is mandatory for business whose aggregate turnover exceeds 5 Crores in a financial year. A declaration shall be furnished for the turnover/non applicability of e-invoice compliances by the successful bidder.

2.14 A copy of the GST payment challan and proof of filing of GST return (the latest bill copies or previous bill copies) shall be furnished by the successful bidder. The same shall be submitted along with the bills/invoices raised.

2.15 **Bank Details :** R.T.G.S. particulars along with proofs i.e, cancelled cheque (or) Bank Statement shall be enclosed to the tender .

**ALL TERMS AND CONDITIONS
ACCEPTED**

**Signature of the Tenderer
(Seal & Date)**

SECTION -III
GENERAL TECHNICAL REQUIREMENTS
Single Phase Inverter Specification

- **Type:** Static Inverter for Uninterrupted Backup Power Supply
- **Duty:** Continuous duty, 24x7 operation
- **Rated Power:** 3 kVA
- **Input Dual Voltage:** DC 220 V system: 176 V DC to 275 V DC
AC 230 V system: 200V AC to 245 V AC
- **Maximum DC Ripple:** $\leq 2\%$
- **AC Output Voltage:** 230 V AC, Regulated Single Phase
- **Voltage Regulation:** $\pm 1\%$ (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:** $\geq 90\%$ at full load
- **Dynamic Voltage Response:** $\leq \pm 3\%$ 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)

In case of Redundant Configuration & Changeover Logic the following need to be considered

- The inverter system shall be provided in **redundant (N+1) configuration**, comprising **two independent inverter modules**, each rated for **100% of the connected load (3 kVA)**.
- Both inverter modules shall be connected to the common **220 V DC substation battery system** and feed a **common AC output bus** through static isolation devices.
- Under normal operation, one inverter shall operate as **Master (Active)** and the second inverter shall operate in **Hot Standby** mode, continuously synchronized in voltage, frequency, and phase with the active inverter.
- **Automatic changeover** without flicker shall take place from the active inverter to the standby inverter in the event of:
 - Inverter internal fault
 - Output voltage / frequency abnormality
 - Overload or short-circuit trip
 - Manual isolation of active inverter
- 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
- Failure of one inverter module shall **not affect the DC system, AC output bus, or operation of the healthy inverter**.
- Individual inverter modules shall be provided with **isolating MCBs / MCCBs** on DC input and AC output for safe maintenance without interruption to supply.

Guaranteed Technical Particulars (GTP)

Sl. No.	Parameter	Specification	Guaranteed / Offered
1	Inverter Type	Static, Single Phase, Redundant (N+1)	
2	Rated Capacity	3 kVA	
3	Rated Output Voltage	230 V AC, Single Phase	
4	Output Voltage Regulation	±1%	
5	Rated Frequency	50 Hz	
6	Frequency Regulation	±0.1 Hz	
7	Input DC Voltage	220 V DC Nominal	
	DC Voltage Range	176 V DC to 275 V DC	
8	Input AC Voltage	230 V AC Nominal	
	AC Voltage Range	200V AC to 245 V AC	
9	Output Waveform	Pure Sine Wave	
10	Voltage THD (Linear Load)	≤ 2%	
11	Voltage THD (Non-linear Load)	≤ 5%	
12	Crest Factor	≥ 3:1	
13	Efficiency at Full Load	≥ 90%	
14	Overload Capacity	125% – 10 min, 150% – 60 sec	
15	No-break Operation	Yes	
16	Cooling Method	Forced Air (Redundant Fans)	
17	Protection Features	O/V, U/V, O/L, S/C, O/T	
18	Alarm Contacts	Potential-free contacts provided	
19	MTBF	≥ 100,000 hours	
20	Standards Compliance	IEC 62040, IEC 61000	
21	Warranty	Minimum 5 Years	

Signature of the Tenderer

Sd/-
**SUPERINTENDING ENGINEER,
OMC/METRO-CENTRAL/HYD**

FORM – III – A
(TO BE FILLED BY THE TENDERER)

1. Enquiry No :
2. Specification No. :
3. Name of the Material :
4. Vendor Registration No. with
TGTRANSCO for this item, if any :
5. Quantity on Enquiry :
6. Last date and time for submission
of tender :
7. Date and time for opening of tender :
8. Whether DD towards E.M.D/Cost of
tender specification is enclosed :
9. Whether the specified minimum
quantity is quoted. :
10. Whether prepared to furnish
performance Security
@ 10% if order is placed. :
11. Whether month-wise delivery
schedule is indicated :
12. Prices whether variable :
13. Whether TGTRANSCO terms of
payment are accepted. :
14. Quantity offered for supply :
15. Whether 90 days validity offered :
16. Whether sample is enclosed
(if specified) :
17. Whether the material/equipment
offered conforms to the relevant
TGTRANSCO's/ISS specifications :
And Drawings.
18. Whether executed orders of the Board :
previously for the items tendered now
please give full details.
19. Similar details in respect of supplies :
made to other S.E.Bs.
20. Whether Income Tax clearance
certificate enclosed. :
21. Whether the product bears ISI mark :
22. Whether TGTRANSCO delivery
clause accepted. :
23. Whether TGTRANSCO Guarantee
Clause accepted. :
24. GST Registration Number :

SIGNATURE OF THE TENDERER
(SEAL AND DATE)

FORM - III B

SCHEDULE OF QUANTITY AND PRICES

SPECIFICATION No. : P- 03 /2025-26 - Supply of 3Nos. 3KVA Inverters for 220/132KV GIS Imlibun SS and 220KV Osmania University GIS SS from the authorized vendors/suppliers/ manufacturers/ other agencies

Sl. No.	Description of material	Qty. required	U/M	TGTRANS O's Delivery schedule	Ex-works price per unit including packing	Freight and Insurance	Applicable % of GST	Total Value per unit	Discount if any	Remarks (Make/Type of model of the offered material shall be mentioned)	HSN Code
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	
1	Supply of 3KVA Inverter system with 220KV DC Input & 230V AC Output along with installation.	3	Nos.	8 weeks							

Note: Sample shall be submitted along with the tender on returnable basis, failing which the bid will be rejected.

Signature of the Tenderer

Sd/-
SUPERINTENDING ENGINEER
OMC/METRO-CENTRAL/HYD

FORM-III C
PAST PERFORMANCE DETAILS

(For a Period of last five years, year wise prior to date of tender opening, Item wise with subtotals year wise)

Material:-

Year:-

Sl. No.	Order Placed by (Name and full address of purchaser)	Order No. & Date	Description and quantity	Value of Order	Date of Completion of Order		Whether the Performance Certificate from Purchase attached (Yes/No)
					As Per Order	Actual	

Note:- It is responsibility of the Tenderer to prove the qualifying requirements by furnishing copies of P.Os and by enclosing the performance certificates issued by the purchasers, with actual utilization particulars of the material/equipment. Offers without these details are liable for rejection.

Signature of Tenderer with Seal and Date

FORM-III D

DETAILS TO BE FURNISHED IN CASE OF A MANUFACTURER

1. Name and address of firm :
2. Location of manufacturing works/ Factory/factories owned :
3. Details of additional plant and machinery erected :
4. Details of stores or class of stores which the factory, as equipped is capable of production (Specifying each item separately) :
5. Production capacity of each item, with the existing plant and machinery. :
6. Details of arrangements of quality control of products such as Laboratory etc. :
7. Whether there is scope for expansion and to what extent. :
8. Whether samples were tested to any standard specification, if so, copies of original test certificates should be submitted in triplicate. :

SIGNATURE AND DESIGNATION

PLACE:

DATE:

SECTION-IV

SCHEDULE 'A'

DEPARTURE FROM SPECIFICATION

Reference to clause No. of this specification	Departures

SCHEDULE 'B'

MANUFACTURERS AND PLACES OF MANUFACTURE TESTING & INSPECTION

Sl. No.	Description	Manufacturer	Place of Manufacture	Place of testing and inspection
.....
.....

SCHEDULE 'C'

LIST OF SUPPLIES MADE SO FAR WITH FULL DETAILS OF GOODS SUPPLIED AND TO WHOM SUPPLIED

.....
.....

SCHEDULE 'D'
WEIGHT AND DIMENSIONS OF PACKAGES OF DESPATCH

.....

Sl. No.	Equipment	Contents of individual packages	Weight Kg	Dimensions
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SCHEDULE 'E'
DESCRIPTIVE LITERATURE AND FULL PARTICULARS OF THE EQUIPMENT
OFFERED

.....

Sl. No.	Item No.	Description
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SCHEDULE 'F'
SCHEDULE OF TESTS PERFORMED

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Sl. No.	Description of material	Description of tests	Place of Test performed	Test results	Whether standard tested or not
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All tests in accordance with the latest issue of ISS shall be performed on all the equipment.
Detailed lists of all the tests performed shall be indicated in this Schedule

SCHEDULE 'G'
SCHEDULE OF RATES FOR SUPERVISION OF ERECTION & COMMISSIONING OF EQUIPMENT

.....

DELETED

(A) PROFORMA OF BANK GUARANTEE FOR SECURITY DEPOSIT
This Bank Guarantee has to be executed on Rs.100/- Stamp Paper

Applicable to the State Bank of India and other Scheduled Banks approved in terms of the Government of India, Ministry of Finance, Office Memorandum No. F (27)-F-1/54 dated the 25th February, 1955, for guarantee without deposit of securities upto prescribed limit.

In consideration of the Transmission Corporation of Telangana Ltd., (hereinafter called "THE TGTRANSCO") have agreed to exempt.....(here-in-after called the "SAID CONTRACTORS") from the demand, under the terms and conditions of an agreement P.O No.....Dt:..... made between the TGTRANSCO and M/s..... for supply ofagainst Specification No: TST.....(hereinafter called " THE SAID AGREEMENT") for Security Deposit for the due fulfillment by the said contractors of the terms and conditions contained in the said agreement, on production of a Bank Guarantee for Rs.....(Rupees.....)

..... we..... Bank Ltd., do hereby undertake indemnity and keep indemnified the TGTRANSCO to the extent of Rs:..... against any loss or damage caused to or suffered by the TGTRANSCO by reason of any breach of by the said contractors of any of the terms and conditions contained in the said agreement.

We.....Bank Ltd., further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said agreement and that it shall continue to be enforceable till all the dues of the TGTRANSCO under or by virtue of the said agreement have been fully paid and its claims satisfied or discharged or till Chief Engineer/Metro/Hyderabad Zone/Hyderabad certifies that the terms and conditions of the said agreement have been fully and properly carried out by the said contractors and accordingly discharge the guarantee subject, however, that the TGTRANSCO shall have no right under this bond after the expiry of (Note: This period will cover 18 months from the date of receipt of last consignment), (period) from the date.....of its execution.

Notwithstanding anything contained in the foregoing our liability is restricted to Rs:.....(Rupees.....). Our guarantee shall remain in force until.....unless a claim under the guarantee is made against us within 6 months from the date, and the rights of the TGTRANSCO under the guarantee shall be forfeited and we shall be relieved and discharged from all liability hereunder. We the guarantee such part thereof as required within one week of the same being demanded by the TGTRANSCO, without reference to the supplier and without questioning the right of the Board to make such demand or the propriety or legality of the demand. We.....Bank Ltd, lastly undertake not to revoke this guarantee during its currency except with the previous consent of the TGTRANSCO in writing.

Dated the.....Day of.....

Signature:
for.....Bank Ltd.,

Guarantee Bond For 10% Value Towards Performance Security Deposit
This Bank Guarantee has to be executed on Rs.100/- Stamp Paper

Applicable to the State Bank of India and other Scheduled Banks, When securities are to be deposited as cover against Guarantees etc.

In consideration of the Transmission Corporation of Telangana Ltd., a statutory corporation constituted under Andhra Pradesh Electricity Reform Act 1998 (Act No.30 of 1998) (hereinafter called "THE TGTRANSCO") having at our request agreed to accept thisBank Ltd., guarantee in lieu of cash deposit required from M/s.....for making 100% payment against material receipted challan by the TGTRANSCO for the due fulfillment by them of the terms and conditions of the agreement dated.....made between M/s.....and the TGTRANSCO for the supply of.....against P.O No.....Dt:.....hereinafter called said agreement during the period commencing fromand ending on.....or the extended period. If any, to indemnify and keep indemnified the TGTRANSCO to the extent of Rs.....(Rupees.....) representing 10% of the value of the contract against any loss or damages caused to or suffered by the TGTRANSCO by reason of any breach by the said M/s.....or any terms & conditions of the said agreement. WeBank Ltd., further agree that the guarantee herein contained shall remain in full force and effect upto and inclusive of thedate.....referred to above or the expiry of the extended period, if any, and that it shall continue to be enforceable till all the dues of the TGTRANSCO under or by virtue of the said agreement have been fully paid and its claims satisfied and discharged or till the Chief Engineer/Metro Zone/Hyderabad certifies that the terms and conditions of the said agreement have been fully and properly carried out by the said M/..... and accordingly discharge the guarantee subject, however, that the TGTRANSCO shall have no right under this bond after the expiry of (period) from the date of its execution. Not with standing anything contained in the foregoing our liability under this is restricted to Rs..... only. Our guarantee shall remain in force until..... Unless a claim under the guarantee is made against us within 6 months from the date, and the rights under the guarantee shall be forfeited and we shall be relieved and discharged from all liability hereunder.

We the guarantee Bank undertake to pay the amount guaranteed hereunder or such part hereof as required within one week of the sum being demanded by the TGTRANSCO, without reference to the suppliers and without questioning the right of the TGTRANSCO to make such demand or the propriety or legality of the demand.

We.....Bank Ltd, lastly undertake not to revoke this guarantee during its currency except with the previous consent of the TGTRANSCO in writing.

Dated the.....Day of.....

Signature:
for.....Bank Ltd.,

DETAILED SCHEDULE

Name of the work: P-01 /2025-26 - Supply of 3Nos. 3KVA Inverters for 220/132KV GIS Imlibun SS and 220KV Osmania University GIS SS required in OMC/ Metro-Central from the authorized vendors/suppliers/ manufacturers/ other agencies.

Sl. No.	Description	Qty required	U/M	Rate	Amount in figures Rs.	Amount in words
1	Supply of 3KVA Inverter system with 220KV DC Input & 230V AC Output along with installation.	3	Nos.			

All other taxes, terms & conditions should be mentioned clearly and separately

Sd/-
**SUPERINTENDING ENGINEER,
OMC/METRO-CENTRAL/HYD.**

Signature of Tenderer

PROFORMA

ON THE LETTER HEAD OF THE VENDOR PAYEE

Date:

Subject : Declaration for filling of Income Tax Return for previous two years.

Reference : Section 206AB/206CCA of the Income – tax Act, 1961 (The Act).

In term of the provisions of section 206AB/206CCA of the Act, we confirm that we have held income tax returns which have become due for the immediately preceding two financial years whatever applicable.

We hereby attach a copy acknowledgement of income tax returns filed for previous two financial years as proof of ITR filing.

We shall indemnity you in case the above disclosure results in false declaration/undertaking.

Should you require any further clarifications/details. We will be glad to furnish the same.

Thanking you.

Yours faithfully,

<<Signature>>

<<Name>>