

Notice Inviting Tender (NIT) No. M100026448 /P41/CE/O&M/Dr.NTPS/Pur/EM&MRT/Stg-LIII,IV

PROCUREMENT OF VARIOUS TYPES POWER CABLES AND ALUMINIUM CABLES

SNo	Item	Description
1	Department Name	Andhra Pradesh Power Generation Corporation Limited(APGENCO)
2	Circle/ Division Name	Chief Engineer/ O&M / Dr.NTPS /Ibrahimpatnam
3	Tender Notice No.	M100026448/P41
4	Name of procurement	PROCUREMENT OF VARIOUS TYPES POWER CABLES AND ALUMINIUM CABLES
5	Period of Contract	Not applicable
6	Form of Contract	Not Applicable
7	Tender Type	Open Tender (Two Part)
8	Tender Category	Purchase (Products)
9	Transaction Fee Payable to Service Provider payable at Vijayawada (As per latest rule): Including Service Tax	Bidders have to pay transaction fee of 0.03% of estimated value with service tax as applicable at the time of bid submission electronically.
10	Bid Security (EMD)	@ 0.5% of quoted value
11	Bid Security (EMD) Payable to	EMD for an amount of @ 0.5% of quoted value may be furnished by way of Payment mode available in ap e-procurement platform.
12	Process Fee	Not Applicable
13	Schedule Available Date & Time	From 18.00Hrs on : 31.12.2025 onwards
14	Schedule Closing Date &Time	13:00 Hrs on 20.01.2026
15	Bid Submission closing Date & time	14:00 Hrs on 20.01.2026
16	Bid Submission	Online through e-Procurement (www.apeprocurement.gov.in). The Bidder shall submit his response through Bid submission to the tender from 31.12.2025 ap e-procurement platform at www.apeprocurement.gov.in .
17	Bid Validity	120 days from the date of opening of the Price Bid.
18	Pre Bid Meeting	Not applicable
19	Technical Bid Opening Date (Qualification and Eligibility Stage)	At 15:00 Hrs on 20.01.2026
20	Technical Specifications Bid Opening Date (Technical Bid Stage)	Not applicable
21	Price Bid Opening Date & Time	At 15:00 Hrs on 21.01.2026
22	Pre - Qualification requirements / Eligibility Criteria	<p>The bidder should fulfill/confirm the following for qualifying in Technical bid for PROCUREMENT OF VARIOUS TYPES POWER CABLES AND ALUMINIUM CABLES</p> <ol style="list-style-type: none"> 1. The bidder shall be manufacturer/supplier. In case this enquiry is forwarded to any of your authorized dealer (furnish authorization Certificate), please quote on the above lines and also furnish your dealer details for considering their detailed offer. 2. The bidder should furnish detailed specifications for the offered material along with the make and model in their technical offer.

3. The bidder shall furnish a list of customers in the govt/power sector for whom identical materials have been supplied, supported by copies of Purchase Orders and corresponding performance certificates.

4. It is to inform that the GST tax applicable to APGENCO

5. The bidder shall submit proforma for terms and conditions along with the technical bid duly filled and signed.

6. The bidder shall furnish No deviation certificate

7. The supplier shall furnish Certificate of conformance certifying that the item is conforming to the specifications of enquiry and
for item sl.no.1,2,3 :IS 7098: PART 1: 1988(Reaffirmed 2020) standards for QC wing/APGENCO review before supplying the material to the site.

For item sl no.4:

1. Cables shall be in compliance with standards IS 1554-Part-1:2020.
2. The cable shall be either wound on drums (as per IS 10418) or reels or supplied in coils packed.
3. The heat Resisting Insulation shall be used for designating the cable as per the standard
4. The following code shall be used for designating the cable as per the standard

Constituent	Code letter
Aluminium conductor	A
PVC Outer sheath	Y
Steel Strip armour	F

5. The Armouring shall be galvanized steel wires/strip shall comply with the requirements of IS 3975
6. The outer sheath shall be of polyvinyl chloride (PVC) or Polyethylene conforming to the requirements of Type ST 2 of IS 5831.
7. The construction of conductor shall consist of plain aluminium conductors as per standard IS 8130.
8. Conductor screening shall be provided over the conductor by extrusion of semi-conducting compound or a combination of non-metallic semi-conducting tape and extrusion of semi conducting compound.

Cables shall also comply with the following relevant standards applicable to the required cables

- i) IS:10810 Methods of tests for cables.
- ii) ASTM-D-2843 Standard test method for density of smoke from the burning or decomposition of plastics.
- iii) IEC-60754 (Part-I) Tests on gases evolved during combustion of electric cables.
- iv) Halogen free according to VDE 0472-815
- v) Flame-retardant according to IEC 60332-3-22 cat.A

9. Supplier shall submit MQP of the power cables before manufacturing of the Power cables for QC review and approval.

For item sl no.5:

1. Cables shall be in compliance with standard IS 1554-Part1 : 2020
2. The cable shall be either wound on drums (as per IS10418) or reels or supplied in coils packed.
3. IS 7098: Part 1: 2020: Cross linked polyethylene insulated PVC sheathed cables: Part 1 For working voltage up to and including 1 100 V.

	<p>4. The conductors shall consist of plain aluminium wires' complying with the standard IS 8130.</p> <p>5. Armouring shall be Galvanized round steel wire or Galvanized steel strip according to the standard IS3975: 2021.</p> <p>6. The outer sheath shall be of Type ST 2 PVC compound conforming to the requirements of IS 5831:2021.</p> <p>7. Conductor screening shall be provided over the conductor by extrusion of semiconducting compound or a combination of non-metallic semiconducting tape and extrusion of semi conducting compound.</p> <p>8. Cable code: The following code shall be used for designating the cable: SI No. Constituent Code letter</p> <ul style="list-style-type: none"> i) Aluminium conductor A ii) XLPE insulation 2X iii) Steel round wire armour W iv) Steel strip armour F v) PVC outer sheath Y <p>9. Cables shall also comply with the following relevant standards applicable to the required cables</p> <ul style="list-style-type: none"> i) IS: 10810 Methods of tests for cables. ii) ASTM-D -2843 Standard test method for density of smoke from the burning or decomposition of plastics. iii) IEC-60754 (Part-I) Tests on gases evolved during combustion of electric cables. <p>2. 3.</p> <ul style="list-style-type: none"> iv) Halogen-free according to VDE 0472-815 v) Flame-retardant according to IEC 60332-1-2 vi) No flame propagation according to IEC 60332-3-22cat. A 1. <p>10. All applicable test certificates with the standard IS1554 and other relevant standards shall be submitted by the supplier for approval to the SE/QC/VS before supplying the cables to the site.</p> <p>Notwithstanding anything stated above, APGENCO reserves the right to assess the bidder's capability to perform the contract, should the circumstances warrant such assessment in the overall interest of APGENCO.</p> <p><u>Responsibility for correctness of the information submitted in the online bid lies with bidder. If any information furnished in the bid is proved to be false at a later date, the bid will not only be rejected but the bidder will be BLACKLISTED..</u></p>
23	Place of Opening of Tenders O/o Superintending Engineer /A& MM / Service Building/ Dr.NTPS - 521 456.
24	Officer Inviting Bids O/o Chief Engineer /O&M / 2 nd Floor, Service Building / Dr.NTPS-521456.
25	Address O/o Chief Engineer /O&M / 2 nd Floor, Service Building / Dr.NTPS-521456.
26	Contact Details Phone: 0866 – 2882614
27	Procedure for bid submission a. The tender should be in the prescribed forms which can be obtained from 'e' procurement platform from the date of electronic publication up to the time and date indicated in the tender notice. The intending bidders shall enroll themselves on the 'e' procurement market-place www.apeprocurement.gov.in . Only those contractors who registered

themselves in the 'e' procurement market place can participate in the tender.

- b. Intending bidders can contact office of the Superintending Engineer/A & MM / Service Building / Dr.NTPPS-521 456 for any clarification/ information on any working day during working hours.
- c. The bidders who are desirous of participating in e-procurement shall submit their technical bids, price bids etc., in the standard formats prescribed in the tender documents, displayed at 'e' market place. The bidders should invariably upload the statement showing the list of documents etc., in the 'e' market place in support of their Technical bids. The bidder should upload scanned copies of online payment towards EMD and all other relevant certificates. The bidder shall sign on all the statements, documents, certificates, before uploading, owning responsibility for their correctness / authenticity.
- d. The Bidder shall authenticate the bid with his digital certificate for submitting the bid electronically on e-Procurement Platform and the bids not authenticated by Digital certificate of the bidder will not be accepted on the e-Procurement platform.
- e. The Department shall evaluate the Technical Bids strictly based on the documents uploaded by the bidders and verification of online EMD payment. The Price Bids of only those bidders who are found technically qualified shall be opened.
- f. The Department shall carry out the technical bid evaluation solely based on the uploaded documents, online payment towards EMD in the e-procurement system and open the price bids of the qualified bidders.
- g. The Department will notify the successful bidder for submission of original hard copies of all uploaded documents, online payment towards EMD prior to entering into agreement
- h. The successful bidder shall invariably furnish the online payment towards EMD original Certificates/documents of the uploaded scanned copies to the Tender Inviting Authority before stipulated time given to him, either personally or through courier or post and the receipt of the same within the stipulated date shall be the responsibility of the successful bidder. The Department will not take any responsibility for any delay in receipt/non-receipt of original certificates/documents, from successful bidder before the stipulated time. On receipt of documents, the Department shall ensure the genuinity of the online payment towards EMD and all other certificates documents uploaded by the bidder in e-procurement system in support of the qualification criteria before placing the Purchase Order.
- i. If any successful bidder fails to submit the original hard copies of uploaded certificates/documents, online payment towards EMD within the stipulated time or if any variation is noticed between the uploaded documents and the hard copies submitted by the bidder, the successful bidder will be suspended from participating in the tenders on e-procurement platform for a period of 3 years.
- i. The e-procurement system would deactivate the user ID of such defaulting successful bidder based on the trigger/ recommendation by the Tender Inviting Authority in the system. Besides this, the department shall invoke all processes of law including criminal prosecution of such defaulting bidder as an act of extreme of the deterrence to avoid delays in the tender process for execution of the

		development schemes taken up by the Department.
28	Statutory Requirements	<p>The Tenderer shall fulfill the following statutory requirements.</p> <ul style="list-style-type: none"> a. Income tax Clearance Certificate: The contractor shall furnish their copy of Permanent Account Number (PAN) card and copy of latest income tax returns submitted along with the proof of receipt. b. Purchase Order copies: The bidder shall furnish list of customers, to whom the bidder had supplied identical materials in the past along with P.O details and performance report, if any, shall be furnished. c. Any other documents required as per tender document. d. Please furnish copy of New Price List and recently executed orders in support of your quoted prices for our reference
29	Other Payments to be made	<p>Apart from the Bid Security (EMD) the tenderer shall be liable to pay the following amounts.</p> <ul style="list-style-type: none"> a. Transaction fee: The participating bidders have to pay transaction fee of 0.03% on estimated purchase value with service tax as applicable to the Service Provider at the time of bid submission electronically. b. Corpus Fund: Successful bidder has to pay an amount of 0.04% on Purchase Order Value (if PO Value is ABOVE Rs,10lakhs/- towards Corpus Fund through online payments mode available in e.procurement portal
30	Documents to be submitted (Hard copies) to the Tender inviting authority	<p>The successful tenderer shall invariably furnish hard copies of all the required documents/ certificates / statements uploaded by him along with copies of certificates of GST registration and Demand Draft/BG (Original) towards bid security, before stipulated time given to him either personally or through courier or by post. Receipt of the same within the stipulated time by the tender inviting authority shall be the responsibility of the bidder. Department will not take any responsibility for any delay or non receipt. The successful tenderer is liable to be disqualified, if he is found to have mislead or furnished false information in the forms / Statements / Certificates submitted in proof of qualification requirements and Performance reports furnished from other Companies. Even while executing the Purchase Order, if found that the Supplier had produced false/ fake certificates of experience, he will be black listed and the Purchase Order will be Cancelled /Pre- Closed and his Bid security will be forfeited and P.O will be placed on other firm at his cost and risk..</p> <p>The tenderer shall furnish the declaration that:</p> <ul style="list-style-type: none"> a. They have not been black listed in any department due to any reasons. b. They have not been demoted to lower category in any department for not filing the tenders after buying the tender schedules in a whole year and their registration had not been cancelled for a similar default in two consecutive years. c. They will agree to get disqualified themselves for any wrong declaration in respect of the above and get their tender summarily rejected. d. The soft copies uploaded by them are genuine. Any incorrectness / deviation noticed can be viewed seriously and apart from cancellation of the Purchase Order, forfeiting the Bid security, criminal action can be initiated including suspension of business and/ or black listing.
31	Other relevant information	i) Delivery schedule for supplying the material in 30 days

	<ul style="list-style-type: none"> ii) APGENCO reserves the right to reject any or all the tenders without assigning any reasons there of. iii) APGENCO reserves the right to amend or modify the tender and its conditions on or before 20.01.2026 @ 14:00Hrs. Under intimation to the tenderers. iv) Any other condition regarding receipt of tenders in conventional method appearing in the tender documents may please be treated as not applicable. v) The bidder have to upload the information preferably in Zip format. vi) The tenderer should upload the documents duly signing each and every paper. vii) For all clarifications & guidance, the bidders may contact the O/o. Superintending Engineer / A & MM/ Service Building / Dr.NTPPS- 521456.(0866-2882614)
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CHIEF ENGINEER/ O&M / Dr.NTPPS.