

THE HASHIMITE KINGDOM OF JORDAN
NATIONAL ELECTRIC POWER CO.
P.O. BOX 2310
AMMAN 11181

المملكة الأردنية الهاشمية
شركة الكهرباء الوطنية م.ع
ص.ب 2310
عمان 11181



TENDER NO. 54/2025

SUPPLY OF ANTI-THEFT LOCKING NUTS
FOR OHTL TOWERS

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1. Invitation To Tender and Tender Acknowledgement
 2. Instructions To Persons Tendering
 3. Tender forms
 4. Technical Specifications & Financial Schedules
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TENDERER

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Section 1

- **INVITATION TO TENDER**
- **TENDER ACKNOWLEDGEMENT**

National Electric Power Company
Tender No. 54/2025
Supply of Anti-theft Locking Nuts for OHTL Towers

INVITATION TO TENDER

National Electric Power Company (NEPCO) intends to have a loan and /or from NEPCO's own sources towards the cost of Supply of Anti-theft Locking Nuts to be used for fixing the steel angles bolts of 132kV & 400kV OHTL towers.

National Electric Power Company hereby invites sealed Tenders from eligible Tenderers for design, manufacture, testing at factory, packing for export, and supply CFR Aqaba Port - Jordan.

Interested Eligible Tenderers may obtain further information at the office of:

National Electric Power Company
PO Box 2310
11181 Amman
Jordan

Telephone: 00 (962) 6-5858615
Telefax: 00 (962) 6-5818336

A complete set of Tender Documents shall be purchased through E-FAWATEERCOM by any interested eligible Tenderer and upon payment of a non-refundable fee of **JD (75 Jordanian Dinars)**.

The enclosed Tender Acknowledgement should be returned to the National Electric Power Company.

Tenders must be submitted through JONEPS Website (www.joneps.gov.jo), not later than 14.00 noon Amman time on **SUNDAY 12/04/2026**

All Tenders must be accompanied by a Tender Security (bid bond) in the amount of **JD (2100 Jordanian Dinars)** in the form of a Bank Guarantee issued directly by an approved Bank located in Jordan and in the form provided in the Tender Documents must be submitted in Enclosed Envelope to **Purchasing Department / NEPCO Main offices** before the closing date.

Note: Samples for each size of the offered Anti-theft Nuts shall be included in the offers or delivered within ten days after the closing date of tender to the following address:

National Electric Power Company
Transmission Maintenance Division
Amman South

National Electric Power Company
Tender No. 54/2025
Supply of Anti-theft Locking Nuts for OHTL Towers
TENDER ACKNOWLEDGEMENT

National Electric Power Co
P.O. Box 2310
11181 Amman
Jordan

Telefax: 00 + (962) 6-5818336

Attention: The Managing Director,

Dear Sirs

We the undersigned

Acknowledge receipt of the Tender Documents for Tender Number 54/2025 for Supplying of Anti-theft Locking Nuts for OHTL towers.

- Volume 1 comprising the following:

- Invitation for Tenders, Instructions to Tenderers, Conditions of Contract and Tender Forms.
- Technical Specification and Drawings
- Technical Schedules.
- Price Schedules.

We wish to receive any further information concerning this Tender at the following address:

Name:

Address:

Our local agent in Jordan is:

Name:

Address:

In case of not submitting this form to NEPCO before closing date, it is the Tenderer responsibility of not receiving correspondence, amendments to the tender, addendums... etc.

Section 2

INSTRUCTIONS TO PERSONS TENDERING

National Electric Power Company
Tender No. 54/2025
Supply of Anti-theft Locking Nuts for OHTL Towers

INSTRUCTION TO PERSON TENDERING

1. The Tender shall be made in one copy on the accompanying form of tender with all blanks therein and in all the Schedules duly filled up in ink and signed, The Tender price shall include all incidental and contingent expenses. In particular, the Form of Tender must be completed and signed without alteration.

Tenderers are particularly directed that the amount entered on the Form of Tender shall be a fixed price for performing the Contract strictly in accordance with the bond document and shall be the sum total of all the amounts printed into and entered by the Tenderer upon the Schedule of Prices.

Should the Tenderer consider that he can offer any advantages to the purchaser by a modification to the Specification he may draw attention to such by an attached document stating the change in the amount of his Tender if such modification is accepted by the Purchaser, but the total entered on the Form of Tender shall be such as represents complete compliance with the bound document.

2. No alteration shall be made in the Form of Tender or in the Schedules there to except in filling up the blanks as directed, If any such alteration to be made or if these Instructions will not be fully complied with the Tender may be rejected. The Tenderer, however, is at liberty to add any further details that he may deem desirable and, in the event of his so doing, shall print or type such details and annex the added matter to the Tender submitted by him. Such additional details shall not be binding upon the Purchaser unless they shall be subsequently incorporated in the Contract.
3. The Tenderer shall submit with his Tender in order of the relevant clauses, a statement of any departures from the Specifications. Notwithstanding any description, drawings or literature which may be submitted, all details other than those in the Statement of Departures shall be assumed to be in accordance with the Specifications.
4. Although IEC Recommendations and British Standards for workmanship, equipment and materials, have been selected in this Specification as a basis of reference, standards and specifications of other countries and recommendations of other international standard organizations will be acceptable provided they are substantially equivalent to the designated Standards and provided furthermore that the Tenderer submits for approval Specifications which he proposes to use.
5. References to brand names or catalogue numbers, if any, in this Specification have been made only for that equipment for which it has been determined that a degree of standardization is necessary to maintain certain essential features, In certain instances such references have also been made for purpose of convenience to specify the requirements. In either case, offers of alternative goods which have similar characteristics and provide performance and quality at least equal to those specified are acceptable.

6. In the event that the intending signatory does not manufacture one or more of the main sections of materials, then the Tender submitted should give evidence to show that all the obligations imposed by the documents on the intending signatory have been fully understood and accepted, where applicable, by the manufacturer (s) to whom it would be intended to subcontract one or more of the main sections of the equipment and materials.
7. If the Tenderer has any doubt as to the meaning of any portion of the General Conditions or the Specifications or Drawings, he shall when submitting his Tender, set out in his covering letter the interpretation on which he relies.
8. The purchaser does not bind himself to accept the lowest or any tender, nor to assign any reason for the rejection of any tender, nor to purchase the whole of the materials specified.
9. The purchaser will not be responsible for, nor pay for, any expense or loss, which may be incurred by a Tenderer in the preparation of his Tender.
10. One copy of the Tender, and its accompanying documents, filled up as directed, together with the drawings called for must be enclosed in a secure envelope endorsed (Tender for Contract No.54/2025, should be submitted to the Managing Director, National Electric Power Company, P.O. Box 2310, Amman 11181 The HASHEMITE KINGDOM OF JORDAN, by the time stated in the covering letter.
11. No tender received after that time will be considered.
12. All correspondence in connection with this Tender and Contract and all matter accompanying the Tender which is relevant to its examination shall be in the English language and expressed in metric units.
13. The Tender is to be held open for acceptance or rejection for a validity period of **(90)** days from the time fixed for opening the Tenders
14. A non-refundable fee of JD **(75 Jordanian Dinars)** will be charged for each set comprising one copy of the Tender Documents.
15. The Tender shall be accompanied by a Tender Bond in the form of a Bank Guarantee valid for at least 90 days from the time fixed to Tender closing date, or a certified cheque in favor of and payable to the Purchaser for a sum of JD **(2100 Two Thousand and One Hundred Jordanian Dinars)** as guarantee of good faith.
16. This Bond is to be issued by any approved Bank in Jordan. The Bond will be returned to the unsuccessful Tenderer according to **Regulation No. (8) For the year 2022 Government Procurements Regulation**. In the case of the successful Tenderer the Bond will, subject to the Conditions of Contract, be returned as soon as a formal Contract Agreement and a performance Bond have been entered into.
17. Tenders received prior to the time fixed for opening will be securely kept, unopened. Tenders received after that time will be rejected. The Purchaser bears no responsibility for premature opening of Tenders not properly addressed or identified.

18. Tenders may be withdrawn by formal request received in writing from the Tenderer prior to the time fixed for opening. If for any reason the Tender should be withdrawn after the time fixed for opening and before expiry of the said validity period, the Purchaser has the right to retain the full value of the Tender Bond.
19. A) Any arithmetical error shall be corrected by a decision of the procurement committee and the bidder must be notified accordingly, provided that the arithmetical corrections are as follows:
1. In the event of a discrepancy between the unit price and the total amount, the unit price shall be adopted and the total price shall be corrected accordingly unless there is clear evidence that the decimal point is misplaced.
 2. If there is an error in the total amounts in the Bill of Quantities as a result of the addition and subtraction processes of the sub-totals, the subtotals shall be adopted and the total price shall be corrected accordingly.
 3. In the event of a discrepancy between the unit price, in figures and in writing, the unit price that mentioned in writing shall be adopted unless the procurement committee finds a basis for the adoption of the price mentioned in figures.
 4. If any bidder does not accept the correction of the errors after the analysis and evaluation, its submission shall be excluded and the bid bond shall be forfeited by a decision of the procurement committee.
 5. If the bidder has not priced one or more of the items in the works and technical services tendering, these unquoted items shall be considered to be loaded on the other items of the tender, and the bidder shall execute them free of charge, if the tender has been awarded to it, whether the bidder attaches or does not attach those items in the tender.
- B) Subject to the provisions of paragraph (a) of this Article, the basis for the examination of submissions included in the unified works contract for the construction projects shall be adopted.
20. Where compliance with a specific Standard Specification is called for the Standard Specification used shall be that in force at the time of Tender.
21. The successful Tenderer shall abide by the commercial and professional regulations as required by the Ministry of Industry & Trade, Engineering Association, Jordan contractor's association and other relevant Institutions in Jordan. (if applicable)
22. The Tenderer may state the Tender Price in Jordanian Dinars. If, however, a portion of the Tenderers expenditure under the Contract is expected to be made in countries other than Jordan he may state a corresponding foreign currency portion of the Tender Price in the currencies of those other countries.

23. Tender evaluation will be consistent with the terms and conditions set for in the Tender documents.

In addition to the Tender Price, adjusted to correct arithmetical errors, other relevant factors such as the time of completion of delivery or construction, operating costs where applicable or the efficiency and compatibility of the materials, the availability of service and spare parts, and reliability of construction methods proposed will be taken into consideration to the extent and in the manner specified in the Tender documents, in determining the evaluated Tender most advantageous to the Purchaser.

24. For comparison of all Tenders, the currency or currencies of the Tender Price for each Tender will be valued in terms of Jordan Dinars. The rates of exchange to be used in such valuation will be the selling rates published by the Central Bank of Jordan, and applicable to similar transactions, on the day of Tenders closing date unless there should be a change in the value of the currencies before the award is made. In the latter case, the exchange rates prevailing at the time of the decision to notify the award to the successful Tenderer may be used.

25. Stamp duty and award fees are payable on Jordanian Contracts according to Jordanian laws, it is the Contractor's responsibility to purchase legal stamps to the requisite amount depending on the Contract Value, these fees should be paid within 10 days of the date of LOA and before signing the contract to the Ministry of Finance, otherwise penalties will be imposed according to laws and regulations.

If the final contract price is increased during or after completion of the works, contractor shall pay extra stamp duty and award fees proportional to the amount of increase.

26. Before signing the contract and within 28 days from date Letter of Award, the successful Tenderer shall furnish an irrevocable and unconditional Performance Bond of 10% of the total contract price in the form given and in the same contract currency, and you are required to extend the validity of the Bid Bond until the Performance Bond has been established and accepted by NEPCO.

The Performance Bond shall be valid for a period expiring at least one month after receipt of the last consignment at site or NEPCO warehouse and shall still enforce until submission of the maintenance Guarantee for the Guarantee Period.

Failure of the successful Tenderer to comply with the requirements of above Sub-Clause shall constitute sufficient grounds for the annulment of the award and forfeiture of the tender security, in which event the Employer may make the award to the next lowest evaluated Tenderer or call for new tenders.

If any variation order has been issued to increase the contract price during the contract duration, the contractor must increase the performance bond to the value of 10% of the increased amount.

The contractor shall seek for releasing Performance Bond upon fully finalized all contractual terms required and submit of maintenance Guarantee.

27. For overseas transport, the Contractor and his sub-contractors Suppliers and Manufacturers shall give priority to Jordan National Line Co., and to Arab shipping companies and their subsidiaries for, the shipping of goods, materials and Plant provided such companies ships call at the port of export. The Contractor shall also give priority to the Royal Jordanian Airlines for airfreight shipment and transport of personnel. Shipment by sea freight must be on direct and regular (liner) vessel less than 15 years old at the time of shipment. The vessel should be classified and in accordance with (ISM) code and should be a member in the P&I club.

28. Any further information may be obtained on application in writing to:-

Managing Director

National Electric Power Company,

P.O.Box 2310, Amman, 11181

The Hashemite Kingdom of Jordan.

29. The Contractor should print NEPCO Stock Code No. on the supplied Materials which can be obtained in due time.

30. The bid bond shall be submitted either by the supplier or by the vendor on behalf of supplier in condition that he is fully authorized by Power of attorney letter from the supplier.

31. Tenderer must submit country of origin and name of manufacturer for the offered goods.

32. Tenderer shall submit his offer based on single price.

33. Tenderer must fill the schedules of bill of quantities incorporated with breakdown prices of this tender.

34. Tenderer must complete the technical data sheets of this tender.

35. Complete offer shall be complete order; partial offer will not be accepted.

36. Insurance:

NEPCO undertakes to insure all the shipped materials with local Jordanian companies against all risks from the time they leave the works until they are delivered at site or at NEPCO warehouse.

The contractor must provide full details of the material to be dispatched in good time for NEPCO to arrange for marine insurance before material is actually dispatched.

37. **Payments:**

Terms of payment will be (100%) of contract value will be paid within (60) days after the arrival of materials at site or NEPCO warehouse against the following documents; taking in to consideration that the shipping documents must be submitted early for clearance purposes:-

- 1- Receipt of an invoice in one original and two copies for the correct amount.
- 2- Packing list in one original plus two copies.
- 3- Certificate of origin in one original and two copies.
- 4- Bill of lading – two negotiable, three non-negotiable.
- 5- Receiving report issued and signed by NEPCO committee as evidence that the material has been received at site or NEPCO warehouse in satisfactory condition.
- 6- Submitting of maintenance bond of 5% of the total contract amount in the form given and in the same contract currency.

Shipping documents shall be submitted to the bank if payment made by CAD or LC. If payment is through bank transfer the shipping documents shall be submitted directly to NEPCO as specified.

38. **Contract Incoterms:**

For execution of this contract, the chosen incoterms is as follows:

"CFR – Aqaba port - Jordan Incoterms 2020"

In case of locally manufactured materials and the awarding has been done into local Jordanian company the required delivery and prices will be assumed as (delivery to NEPCO Stores).

39. This document is subject to the provisions and instructions of the **Government Procurement Regulation No. (8) Of 2022.**

40. **Domestic preference:**

Where Tenderers propose to import materials, equipment and supplies which are to be incorporated in the works and those materials, equipment and supplies could be manufactured locally or have a substitute available from local products, then the Employer shall add 15% to the price of that specific item for the purpose of Evaluation.

The Tenderer shall be solely responsible to investigate which materials, equipment and supplies could be manufactured locally or have a substitute available from local products.

41. DELIVERY:

- Unless otherwise agreed the delivery period (**CFR Aqaba Docks**) **should be within (6) months** and shall run from the commencement date (**i.e., Letter of Award**).
- Should delay in delivery be caused by any circumstances or by an act or omission of the Purchaser and whether such cause occur before or after the time or extended time for delivery, there shall be granted hereof such extension of the delivery period as is reasonable having regard to all the circumstances of the case.
- When the contractor delays the implementation of what he has committed to on the date specified in the contract, the Company will impose on him a financial part, regardless of the damage arising from the delay in implementation, which does not exceed (0.005) of the value of the materials that the contractor is delayed for each complete week. It shall not exceed (10%) of the total value of the Letter of Award.

42. Tenderers Eligibility and Qualification:

In order to satisfy the requirements for eligible experience, the Tenderer shall provide documentary evidence to establish:

- A. That, in the case of a Tenderer offering to supply materials under the contract which the Tenderer does not manufacture or otherwise produce, **the Tenderer has been duly authorised by the manufacturer or producer** of the materials to supply them in the employer's country.
- B. Documentary evidence of the Tenderers qualification to perform the Contract and the Tenderer has the technical capacity and production capability necessary to perform the contract. In particular, it is required that:
 - **The Tenderer shall provide a reference list of customers** (at least two orders) for the same place of manufacture, showing the type, size, quantity and country of the supplied Anti-theft Locking Nuts and/or (bolts & Nuts) within the last 10 years (2016 - 2025).
 - **The Tenderer shall provide Test Certificates** certified by the owner or third party for similar Nuts and/or (Bolts & Nuts) having the same place of manufacture passed the tests successfully according to the relevant standards within the last ten years (2016 - 2025).
 - The Tenderer shall provide documentation, certified by the owner (Three User Certificates), to show that the Nuts be supplied, having similar type and same place of manufacture, is in successful service within the last 10 years (2016 - 2025).

- User certificate should conform the following:
 - Certified (signed and stamped) by the owner of the plant or the contractor in English language,
 - User certificate shall show clearly the following:
 - a. Name of customer/company and complete address where equipment is installed.
 - b. Date of issuance of certificate.
 - c. Date of put in operation.
 - d. Rating, capacity of related equipment
 - **If the manufacturer has already supplied similar nuts which have been installed on NEPCO's national grid with long-term performance satisfactory, this can be considered as one of the required user certificates.**

Original performance certificate maybe returned, if required by tenderer.

Failure to supply the required qualification documentation (i.e., Manufacturer's Authorization Letter, Reference List of Customers, Test Certificates ...etc.) to the satisfaction of the employer result in rejection of the tender.

43. Inspection and Testing:

43.1 Manufacturer's inspection

It is the responsibility of the manufacturer to apply suitable methods of his choice, such as in-process testing or inspection to ensure that the manufactured lot does indeed conform to all of the specified requirements, according to ISO 16426 or equivalent.

43.2 Supplier's inspection

The supplier tests the nuts which he provides using methods of their choice (periodic evaluation of the manufacturer, checking of test results from the manufacturers, tests on the nuts, etc.), provided the mechanical and physical properties specified in relevant standards, tables, and schedules are met.

43.3 Purchaser's inspection (FAT tests)

The delivered nuts shall be tested using the test methods specified in the related standards (ISO 898-2 and other relevant standards).

- The contractor is required to provide all facilities to enable the employer's representatives (two persons for a period of one week excluding travelling days) to carry out the necessary inspection and testing. The costs of all tests during manufacture and preparation of test records including airfares, hotel accommodations, transport, and all meals are to be borne by the contractor. In case of failure of test all costs of repeated trips of the employer's representatives will be borne by the contractor. The performance of any such inspections and tests in the presence of the purchaser and /or an independent testing authority does not relieve the contractor from his contractual obligations.
- If as a result of such inspection and checking the purchaser shall be of the opinion that any materials or parts are defective or not in accordance with the contract, he shall state in writing his objections and the reasons therefore.
- Testing instruments shall be approved and shall, if required by the employer's representative, be calibrated by the national physical laboratory or such other body as may be approved, at the expense of the contractor.
- Acceptance tests will be carried out and, unless otherwise agreed, will be made at the vendor's works instruments, if the tests are not specified in the contract, the tests will be carried out in accordance with the general practice obtaining in the appropriate branch of the industry in the country where the plant is manufactured.
- The vendor shall give to the purchaser sufficient notice of the tests to permit the purchaser's representative to attend. If the purchaser is not represented at the tests, the test report shall be communicated by the vendor to the purchaser and shall be accepted as accurate by the purchaser. After completion of the FAT the vendor is required to send complete test report with request for shipping release.
- The purchaser will check test report/test results and if accepted a shipping release certificate will be issued within 10 days from the receipt of the report/shipping release request.
- If on any test (other than a test on site, where tests on site are provided for in the contract) the plant shall be found to be defective or not in accordance with the contract, the vendor shall be with all speed make good the defect or ensure that the plant complies with the contract thereafter, if the purchaser so requires, the test shall be repeated.
- Unless otherwise agreed, the vendor shall bear all the expenses of tests carried out in his works.
- If the contract provides for tests on site, the terms and conditions governing such tests shall be such as may be specially agreed between the parties.

Section 3

FORMS

- **Form of Tender**
- **Form of Tender Guarantee**
- **Form of Performance Guarantee**
- **Form of Maintenance Guarantee**
- **Form of Manufacturer's Authorisation**

National Electric Power Company
Tender No. 54/2025
Supply of Anti-theft Locking Nuts for OHTL Towers

FORM OF TENDER

Managing Director
National electric Power Company,
P.O. Box 2310,
Amman, 11181
The Hashemite Kingdom of Jordan.

Dear Sir,

1. Having examined the conditions of contract, Specifications and Schedules for the above Works, we, the undersigned, offer to design, manufacture, testing at factory, packing for export, supply, and deliver the materials described in the Specifications and Schedules and in accordance with the said Conditions of the Contract, for the sum of
.....
.....

Or such other sum as may be ascertained in accordance with the said Conditions.

2. We agree that this Tender shall be held open for acceptance or rejection for the validity period of **90** days from the date fixed for opening Tenders and it shall remain binding upon us and may be accepted at any time before the expiration of that period.
3. Unless and until a formal Agreement is prepared and executed this Tender, together with your written acceptance thereof, shall constitute a binding Contract between us.
4. If our Tender is accepted, we will deliver to National Electric Power Company a performance Bond, according to clause No.26 instruction to person tendering.
5. We undertake if our Tender is accepted and on receipt of your acceptance to commence and manufacture works, and complete for delivery to Aqaba port the whole of the Works offered within () **months**. Calculated from the date of Letter of Award (i.e. commencement date), and to deliver on the dock at Aqaba Port, Jordan the whole of the works offered within a further () **months**.

6. We will provide details of the plant and materials to be shipped in good time for the National Electric Power Company to arrange for the Marine Insurance.
7. A Guarantee Period will apply to each section of the Works for (12) months from the date of receipt of last consignment at site or NEPCO warehouse.
8. We understand that you are not bound to accept the lowest or any tender you may receive.

Date this day of 20

Signaturein the capacity of

Duly authorised to sign Tender for and on behalf of.....

.....

Address

Occupation.....

Telephone No:

Fax No. :

National Electric Power Company
Tender No. 54/2025
Supply of Anti-theft Locking Nuts for OHTL Towers

FORM OF TENDER GUARANTEE

To: M/S., NATIONAL ELECTRIC POWER COMPANY (NEPCO)

AMMAN – JORDAN.

Name of contract: No. 54/2025 Supply of Anti-theft Locking Nuts for
OHTL Towers.

WHEREAS (*Name of Tenderer*) (hereinafter called "the Tenderer") has submitted its Tender dated (*date of Tender*) for the performance of the above-named Contract (hereinafter called "the Tender").

At the request of _____ Bank
(the *Foreign Bank*) and on behalf of
M/S. _____
(the *Contractor Name and Address*), we
_____ (*the Local Bank*) issue in
your favour our irrevocable and unconditional Tender Guarantee No. _____
in the amount of, **JD** ----- (_____)
(*in words*).

This guarantee will remain in full force for a period of (90) days from the tender closing date, and any demand in respect thereof must reach the Bank not later than the above date.

Bank (Local Bank)

National Electric Power Company
Tender No. 54/2025
Supply of Anti-theft Locking Nuts for OHTL Towers

FORM OF PERFORMANCE GUARANTEE

GUARANTEE NO.

M/S., Beneficiary

Amman – Jordan

**Name of contract: No. 54/2025 Supply of Anti-theft Locking Nuts for
OHTL Towers.**

At the request of the Bank... (The Foreign Bank) and on behalf of M/S. (The contractor Name and Address), we ...(The Local Bank) issue in your favor our irrevocable and unconditional performance guarantees No...xxx... In the amount of (XXX) (in words).

In this connection we.... (**local bank**) hereby consider ourselves responsible for the unconditional payment to you or your authorized representatives of the above sum on your first written demand in whole or in part notwithstanding any objections on the part of the above named contractor and without any need for notarial warning or judicial proceedings.

This guarantee remains valid from the date of issue till its expiry date on (.....) then it will be automatically extended for three months, then extending for consecutive periods, and it will not be cancelled unless receiving an official letter issued and signed by you.

Bank (Local Bank)

National Electric Power Company
Tender No. 54/2025
Supply of Anti-theft Locking Nuts for OHTL Towers

FORM OF MAINTENANCE GUARANTEE

GUARANTEE NO.

M/S., Beneficiary
Amman – Jordan

Name of contract: No. 54/2025 Supply of Anti-theft Locking Nuts for
OHTL Towers.

At the request of bank (The Foreign Bank) and on behalf of M/S.....
(The contractor Name and Address), we the.... (The Local Bank) issue in your favor our irrevocable and unconditional *maintenance guarantee* No.....in the amount of (.....) (In words).

In this connection we (**Local bank**) hereby consider ourselves responsible for the unconditional payment to you or your authorized representatives of the above sum on your first Written demand in whole or in part notwithstanding any objections on the part of the above named contractor and without any need for notarial warning or judicial proceedings.

This guarantee remains valid from the date of issue till its expiry date on (.....) then it will be automatically extended for three months, then extending for consecutive periods, and it will not be cancelled unless receiving an official letter issued and signed by you.

Bank (Local Bank)

National Electric Power Company
Tender No. 54/2025
Supply of Anti-theft Locking Nuts for OHTL Towers

FORM OF MANUFACTURER'S AUTHORISATION

The Participant shall require the Manufacturer to fill in this Form in accordance with the instructions indicated. This letter of authorization should be signed by a person with the proper authority to sign documents that are binding on the Manufacturer. All text within square brackets [] is for use in preparing this form and shall be deleted from the final document.

Date: *[insert date (as day, month and year) of Tender Submission]*

Tender No.: *[insert number of Tendering process]*

To: *[insert complete name of Client]*

WHEREAS

We *[insert complete name of Manufacturer]*, who are official manufacturers of *[insert type of goods manufactured]*, having factories at *[insert full address of Manufacturer's factories]*, do hereby authorize *[insert complete name of Participant]* to submit a tender the purpose of which is to provide the following goods, *[insert name and or brief description of the goods]*, manufactured by us and to subsequently negotiate and sign the contract.

We hereby extend our full guarantee and warranty with respect to the goods offered by the above firm.

Signed: *[insert signature(s) of authorised representative(s) of the Manufacturer]*

Name: *[insert complete name(s) of authorised representative(s) of the Manufacturer]*

Title: *[insert title]*

Duly authorised to sign this Authorisation on behalf of: *[insert complete name of Manufacturer]*

Dated on _____ day of _____, _____ *[insert date of signing]*

Section 4

Technical Specifications and Financials Schedules

National Electric Power Company

Tender No. 54/2025

Supply of Anti-theft Locking Nuts for OHTL Towers

TECHNICAL SPECIFICATIONS & SCHEDULES

1. GENERAL CLAUSES

1.1. Scope of work

This Specification provides for the design, manufacture, testing at factory, packing for export, and supply CFR Aqaba Port-Jordan Incoterms 2020, locally manufactured materials to be delivered at NEPCO warehouse or at site and guarantee for a period of (12) calendar months from the date of receipt the last consignment of Anti-theft Locking Nuts at site or NEPCO warehouses.

1.2. General particulars and guarantees

The Contract Works shall comply with the general particulars and guarantees specified in the Schedules.

The Contractor shall be responsible for any discrepancies, errors or omissions in the particulars and guarantees, whether or not such particulars and guarantees have been approved by the Engineer.

1.3. Anti-theft Nuts Specifications

Anti-theft Nuts shall be used in fixing the steel angles bolts of the first trunk of towers (up to 10 meters from ground) against bolt loosening and sabotage.

All nuts shall conform to ISO 898, or such other standards as may be approved, and shall be of the hexagonal type ISO Metric precision Hexagon to EN BS 3692.

Nuts shall be finger tight on the bolt for deliver and will be rejected if they are, in the opinion of the Employer, considered to have an excessively loose or tight fit.

The chemical composition limits shall be assessed in accordance with the relevant International Standards.

The Anti-theft nuts locking feature against remove shall be using two (2) rolling steel balls equipped inside two grooves (as shown in figure 1), and polymer cap to be removed when the nuts assembled with bolts. The rolling balls will break the threads of the bolts, so bolts and nuts will assemble together.

Adhesive is preferable inside the grooves to keep the balls from falling during assembly at site.

Anti-theft nuts equipped inside with springs in addition to the rolling balls can be accepted for small size nuts (i.e. M12 & M14).

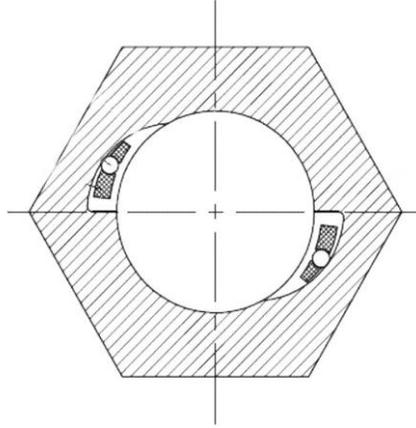


Figure (1): Two balls Anti-theft locking nut.

1.4. Nuts Mechanical Properties:

The required Anti-theft nuts shall be of class (8) to be used for the existing high strength bolts (Grade 8.8) according to ISO 898-1. Mechanical and physical properties of the existing bolts are given in the following table:

Quality acc. to ISO 898-1 (Grade 8.8)			
Bolt size	Min. tensile Strength	Min. Yield Strength	Nom. Proof Strength
	N/mm ²	N/mm ²	N/mm ²
M12	800	640	580
M14	800	640	580
M16	800	640	580
M18	830	660	600
M20	830	660	600
M24	830	660	600

The nuts of the specified property class shall meet, at ambient temperature; the requirements for the proof load and the hardness regardless of which tests are performed during manufacturing or final inspection according to the following table:

Quality acc. to ISO 898-2 (Class 8)				
Nut size	Proof Load kN	Hardness properties		
		Min. Vickers hardness (HV)	Min. Brinell hardness (HB)	Max. Rockwell hardness (HRC)
M12	74.2	200	190	30
M14	101.2	200	190	30
M16	138.2	200	190	30
M18	176.6	180	171	30
M20	225.4	180	171	30
M24	324.8	180	171	30

1.5. Galvanizing:

Galvanizing shall meet the requirements of ISO 1461, or equivalent, all materials shall be hot-dip galvanized after fabrication and cleaning.

The coat of the zinc coating shall be not less than those specified in the data schedule, all surface shall be free from hard zinc accumulation. Surface integrity shall be in accordance with ISO 6157-2, or equivalent.

Treatment to prevent the formation of white rust during shipment is required, but such treatment must be to the approval of the Employer.

The preparation for galvanizing and the galvanizing itself shall not distort or adversely affect the mechanical properties of the material.

Nuts shall be galvanized before threading; all nuts shall be galvanized with the exception of the threads which shall be oiled.

Finished materials shall be treated and packed in proper way, to avoid white rust during sea transportation and storage.

1.6. Compliance with Specification

Notwithstanding any description, drawings or illustrations which may have been submitted with the tender, all details other than those shown in the Schedule of Departures from the Specification will be deemed to be in accordance with the Specification and the standard specifications and codes referred to therein.

No departures from the Specification, except those shown in the Schedule of Departures and approved by the Employer, shall be made without the written approval of the Engineer.

1.7. Variance with Conditions of Contract

In the event of there being any inconsistency between the provisions of this Specification and the Conditions of Contract, the provisions of the Conditions of Contract shall prevail and shall be considered as incorporated in the Contract.

1.8. Places of manufacture

The manufacturer and places of manufacture of the various portions of the Contract Works shall be stated in the Schedules.

1.9. Dates for completion

The dates of readiness for delivery and completion of the various Sections of the Contract Works shall be as stated in the Schedules.

1.10. Language and system of units

The English language shall be used in all written communications between the Employer the Engineer and the Contractor with respect to the services to be rendered and with respect to all documents and drawings procured or prepared by the Contractor pertaining to the work, unless otherwise agreed by the Engineer.

The design features of all materials shall be based on the SI system of units.

1.11. Compliance with regulations

All apparatus and material supplied, and all work carried out shall comply in all respects with such of the requirements of the Regulations and Acts in force in the country of the Employer as are applicable to the Contract Works and with any other applicable regulations to which the Employer is subject.

1.12. Standards

The contractor shall provide one copy of the latest standards (IEC, BS, ANSI, DIN or other applicable standards) which are applicable to this contract to the Employer.

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Supply of Anti-theft Locking Nuts for OHTL Towers

SCHEDULE A

MANUFACTURER TECHNICAL PARTICULARS AND GURANTEES

(Information to be submitted with tender)

Item	Description	Required	Offered
1	Nuts type	Hexagonal type ISO Metric precision	
2	Locking feature	Using two rolling steel balls equipped inside two grooves. Springs with rolling balls for small size nuts (M12 & M14).	
3	Polymer cap	Should be included in the nuts	
4	Class grade	Class 8 (acc. to ISO 898-2)	
5	Class Standard	ISO 898, or equivalent	
6	Galvanizing type	Hot dip galvanizing (HDG)	
7	Galvanizing Thickness (µm)	Not less than 55 µm	
8	Galvanizing Standard	ISO 1461, or equivalent	

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SCHEDULE B

MANUFACTURER REFERENCE LIST FOR PREVIOUS CUSTOMERS

(Information to be submitted with tender)

No.	Nuts Type & Size	Supplied Quantity	Year	Country
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				

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SCHEDULE C

MANUFACTURERS AND PLACE OF MANUFACTURE,

INSPECTION, AND STANDARDS

(Information to be submitted with tender)

ITEM	MANUFACTURER AND PLACE OF MANUFACTURE	PLACE OF INSPECTION	STANDARD
Anti-theft Locking Nuts (As specified in technical specifications & schedules)			

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SCHEDULE D

DATES FOR MANUFACTURE, TESTING AND DELIVERY

(Information to be submitted with tender)

This schedule shall be completed by Tenderer to show the time, calculated from the date of award of contract in which he guarantees to dispatch the materials.

ITEM NO.	DESCRIPTION	COMMENCEMENT OF MANUFACTURE	TESTING DATE	DELIVERY DATE CFR (AQABA PORT)
1	Anti-theft Locking Nuts (As specified in technical specifications & schedules)			

- The delivery period (**CFR Aqaba Docks**) should be within **(6) months** and shall run from the commencement date (**i.e., Letter of Award**).

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SCHEDULE E

DEVIATIONS OR EXCEPTIONS TO THE TENDER DOCUMENTS

Tenderers shall enter below all deviations from the Tender documents in sequential order. In the absence of any listed deviation, it is deemed that the Tender document requirements are fully complied with.

Clause No. in the Tender Document	Deviation

The Tenderer hereby confirms that, except for the deviations listed in this schedule, this proposal is fully in compliance with the Tender Documents.

Tenderer's signature and Stamp:

Date / /20

National Electric Power Company

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SCHEDULE F

QUANTITIES AND PRICES

(Information to be submitted with tender)

The following schedule shall be filled-in completely and without omissions by the tenderers and their manner and break-down may not be changed, However, this schedule may be supplemented by extra sheets, should that be necessary.

ITEM	Description	Quantity	Unit	Price	
				Currency	
				Unit price CFR	Total price CFR
1	Anti-theft Locking Nuts size (M12)	120 000	pcs		
2	Anti-theft Locking Nuts size (M14)	150 000	pcs		
3	Anti-theft Locking Nuts size (M16)	575 000	pcs		
4	Anti-theft Locking Nuts size (M18)	50 000	pcs		
5	Anti-theft Locking Nuts size (M20)	75 000	pcs		
6	Anti-theft Locking Nuts size (M24)	30 000	pcs		
Total to overall summary Schedule F					

Total Price for the materials CFR (AQABA)

Say (in words):

.....

- The Total Price of Schedule (F) shall be including witnessing and inspection by Employer's representatives (two inspectors) according to paragraph (43 - Inspection and Testing) in tender conditions.