



**DEDAN KIMATHI UNIVERSITY OF TECHNOLOGY**  
**P.O.Box 657 -10100**  
**NYERI, KENYA**  
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**Website: [www.dkut.ac.ke](http://www.dkut.ac.ke)**

Country : **Kenya**  
Project : **Greening DeKUT**

EOI Tittle : **Expression of Interest Call For Investors for the Financing, Design, Build, Operation and Maintenance of a Fully Functional Grid-Tied Rooftop 700kwp Solar PV System for DeKUT Main Campus**

EOI No. : **DeKUT/EOI/ISS/001/2024-2034**

## **A. Introduction**

1. Dedan Kimathi University Of Technology (DeKUT) is a public university in Kenya located approximately six kilometers from Nyeri town along Nyeri-Mweiga road. DeKUT was established under the University's Act 2012 by the Government of Kenya in December 2012. It is a Public University that focuses exclusively on Technology.
2. The university has an infrastructure development master plan that guides spatial development of the university infrastructure. Several facilities in the master plan have already been put up and contributing to the university energy consumption. Other facilities such as industrial park, commercial center/strip, mosque, and animal orphanage among others are yet to be developed. Their development is expected to result in increased growth in the overall electric and thermal energy consumption by the university.

## **B. Background and EOI Requirements**

3. In DeKUT Vision 2040 the University plans to fully transition to a carbon neutral, sustainable and green University campus by the year 2040. Development of Solar PV system, a renewable energy source, on the main campus grounds will significantly contribute to the university achieving its green campus agenda through reduction of carbon emission from its electricity system, contribute to Kenya's efforts in meeting its carbon emission reduction targets as part of its Nationally Determined Contribution (NDC) to global emission reduction targets, reduce the amount the university is spending on monthly and annual basis on electricity, mitigate itself from

rising energy(electricity) costs, assure itself of safe and secure energy source and possibly earn income from carbon trading.

4. DeKUT now invites Expression of Interest (EOI) from eligible firms who are able to demonstrate both technical and financial capability for the Financing, Design, Build, Operation and Maintenance of fully functional grid-tied rooftop 700 KWP solar PV plant at the University Main Campus located along Nyeri-Mweiga Road, approximately 4.5km from Nyeri town to generate energy for self-consumption. The interested parties should demonstrate the ability to:
  - a. Survey and analyze the current electrical power supply and distribution as well as site conditions to inform detailed Solar PV plant design.
  - b. Advise on available power output based on roof profile.
  - c. Produce detailed drawings and schematics of the proposed system.
  - d. Produce detailed equipment specifications, bills of quantities, and costs.
  - e. Procure the system equipment and components as per the bills of quantities.
  - f. Integrating the solar power to the building electrical distribution system including any necessary board modifications and all cabling works. Include all components necessary for satisfactory performance of a grid-tied system.
  - g. Testing and demonstration to the user on system functionality.
  - h. Preparing a Built drawings, system & equipment manuals, maintenance schedules, and other relevant technical documentation.
  - i. Comprehensive training to the user and submission of all relevant technical system documentation.
  - j. Commissioning the entire Solar PV system.
  - k. Monitor and document key system parameters and overall system performance.
  - l. Provide continuous operation and maintenance support after handover.
  - m. Submit all relevant technical information and responding to queries to the project design team on proposed solar PV plant, including an oral presentation to the project team.
  - n. Obtain relevant licenses from EPRA with necessary facilitation from DeKUT
  - o. Any other item not listed above but necessary for satisfactory performance of the grid-tie solar PV installation. Bidder to list the items in the bills of quantities.

Note: The contractor shall allow in their quote for any additional structural members that may be required to support the PV panels.

5. The installation of the Roof Solar PV plant aims to achieve the following:
  - a. Reduce current electric bills.
  - b. Offer protection against the rising energy costs.
  - c. Boost the facility's energy independence.

### C. The EOI Should Include the Following Details:

6. Interested Firms must submit the following mandatory information and their supporting documents;
  - a. **Company Profile:** Outline of the company, years of experience in Solar PV system, Organogram and key Achievement's
  - b. **Compliance Documentation:** Evidence of compliance with statutory requirements; Certificate of Incorporation/Registration, valid KRA Tax compliance certificates CRI2 Certificate (Issued within 12 Months) Business Trading License. Amongst other documents specified in the document. Be registered and have valid licenses in specified categories with Energy Petroleum Regulatory Authority EPRA C1,V1,V2 National Construction Authority amongst other documents specified in the document.
  - c. **Previous Experience:** Have experience in design, build, operation and Maintainace of Solar PV systems and projects of a value of at least US \$500,000.Provide evidence of this.
  - d. **Financial Capability:** Submit copies of two (3) most recent Audited Financial Reports Demonstrate capability to finance the project up to operation and maintenance stage (full financial guarantee will be provided) Also provide audited financial statements/accounts for two financial years 2022,2021.
  - e. **References:** Provide at least five (5) project references for the bidding company with direct client phone numbers and email addresses.
  - f. **Project Team:** Organizational chart for the project, team members' biographies and/or CVs, and defined roles for project team members. Please only profile individuals who will directly be working on this project. Clearly indicate the project manager.
  - g. **Service Providers:** List of all subcontracted Suppliers, Subcontractors and Operation and Maintenance (O&M) Service Provider that will be contracted for this project, if any.
  - h. **Technical Solution/Scope of Work:** Proven experience working in Kenya detailing project location, capacity, year of completion and cost of project as per details outlined.
  - i. **Formatting & Pagination:** The document should be tape bound and sequentially paginated in the format 1,2,3.... Starting with 1 on the top page.

**NB: For International Companies Attach the Equivalent of any of the requested documents above**

7. Interested firms should download the detailed EOI free of charge from our website:

[www.dkut.ac.ke](http://www.dkut.ac.ke) and on the Public procurement Information Portal [www.tenders.go.ke](http://www.tenders.go.ke).

8. Completed EOI document clearly marked with EOI No. DeKUT/EOI/ISS/001/2024-2034 and name to be deposited in the tender box situated at the ground floor entrance to the Resource Centre II Building main campus Nyeri off the Nyeri-Mweiga Road.
9. Bidders are invited for a Mandatory Site visit on Wednesday 20<sup>th</sup> November, 2023 At the Lenana Conference Room Resource Centre II. Any requests for clarification can be addressed to: [procurement@dkut.ac.ke](mailto:procurement@dkut.ac.ke) By close of Business **Friday 22<sup>nd</sup> November, 2024** .
10. The EOI documents to be received on or before **Friday 29<sup>th</sup> November, 2024 at 11:00 am East African Time** addressed to:

**The Vice Chancellor  
Dedan Kimathi University of Technology  
P.O.Box 657-10100,**

**NYERI.**

11. The Expressions of Interest will be opened immediately thereafter at tender box situated at the ground floor entrance to the Resource Centre II Building thereafter proceed to the 2<sup>nd</sup> floor Lenana Board in the presence of firms/or representatives who may choose to attend.

**VICE CHANCELLOR**

**DEDAN KIMATHI UNIVERSITY OF TECHNOLOGY**