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**Massachusetts
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—CALL FOR PROPOSALS—

Center of Excellence for Energy, Education, Research, and Entrepreneurship **Egyptian Partner Universities Shared Equipment Call**

Deadline: November 11, 2019

The Massachusetts Institute of Technology (MIT) established the **Center of Excellence in Energy Research, Education and Entrepreneurship (COE)** at Ain Shams University in Egypt in collaboration with partners at Mansoura University, Aswan University, the Ministry of Higher Education and Scientific Research (MOHESR), and USAID. MIT's mission is to bring knowledge to bear on the world's greatest challenges while educating students in engineering, science and the social sciences to best serve the world in the 21st century. Working collaboratively with public and private sector partners in Egypt to build the capacity of Egyptian universities to **1) produce high quality applied research in energy, 2) deliver world-class training in engineering, and 3) create a dynamic energy innovation ecosystem focused on meeting local challenges and contributing to economic growth.**

Under the technical leadership of MIT and in deep collaboration with our Egyptian partners, we intend to organize the COE around four key elements: 1) new paradigms in **engineering education**; 2) market-driven **applied research projects**; 3) catalyzation of local and global **industry-university-government networks**; and 4) a sustainable foundation built on **good governance and synergistic policy** to ensure maximum impact on the Egyptian economy. The American model of a research university, exemplified by MIT, is grounded in integrating research and education while working closely with industry and government; these will be the guiding principles, not a blueprint, for this effort. At the strategic level, the COE's primary objectives are to build local capacity for the organization and pursuit of a number of market- driven applied research projects that address Egypt's needs in the energy sector, while simultaneously promoting an inclusive educational culture that focuses on solving local and global problems. MIT will provide training and mentorship to build the physical and policy infrastructure required to guide an effective pipeline— from conception to results, commercialization to scaling— and to engage the diverse set of organizations required to achieve broad impact.

The Center of Excellence for Energy is issuing this shared call for proposals to the three partner universities: Ain Shams, Aswan and Mansoura for large equipment. As a result of a vote in the Steering Committee Meeting on August 27, 2019, it was agreed that each partner university will submit one proposal for equipment that will support the sustainability of the Center of Excellence for Energy at the partner university. The equipment will be made accessible to, and for the benefit of, all university faculty / staff and will contribute to the Center's ability to provide revenue generating services as an initiative towards sustainability. The Steering Committee will approve the selection by the research committee, and fund winning proposals fully or partially based on need and justification. Partner universities will endorse and be responsible for funding any required physical renovation or construction for space to host the equipment as part of the Center of Excellence for Energy premises at each partner university.

This Call for Proposals is made possible by the support of the American People through the United States Agency for International Development (USAID). The contents of this call for proposals are the sole responsibility of the Center of Excellence for Energy and do not necessarily reflect the views of USAID or the United States Government.

General Guidelines

1. The total budget of the proposal should not exceed 500,000.00 (five hundred thousand USD).
2. Items above US\$ 300,000.00 (three hundred thousand USD) are not accepted.
3. No used equipment, accessories for existing equipment, spare parts, supplies or material can be included in the proposal.
4. The proposal should include main standalone equipment for direct energy application purposes or may be integrated in an existing energy equipment / lab system.
5. Each item must be supported by a justification showing the item's application for energy and sustainability of the center of excellence.
6. The equipment must support existing energy activities or as a high priority need to address the partner university's planned energy related activities.
7. A sustainability plan must be clearly identified in the proposal.
8. The proposal must include a maintenance plan and training to support the equipment requested, based on funding provided by the partner university or an external funding source.
9. The items in the proposal must be prioritized.
10. Two quotations are required for each piece of equipment.
11. Each equipment item must be supported by:
 - a. Justification / rationale for each equipment item requested
 - b. Contribution of the proposed equipment to the long-term sustainability of the Center of Excellence for Energy at the partner university
 - c. Dedicated space for equipment at the partner university
12. The proposal must be approved by the partner University Leadership (Dean and/or President)

Ineligible Items:

1. Military equipment—goods or equipment to be used to meet the cooperating country's military requirements;
2. Surveillance equipment—equipment such as microphones, transmitters and recording devices (does not include general use audio-visual equipment, as long as there is a clear purpose and need for that equipment in the program);
3. Commodities and services for support of police or other law enforcement activities;
4. Abortion equipment and services;
5. Luxury goods and gambling equipment, including alcoholic beverages, jewelry or expensive textiles; and
6. Weather modification equipment.

Authorized Geographic Code:

The authorized geographic code for procurement of goods and services under this Agreement is:

- **937** - the United States, the recipient country, and developing countries other than advanced developing countries, but excluding any country that is a prohibited source.