



الوكالة الدولية للطاقة الذرية  
国际原子能机构  
International Atomic Energy Agency  
Agence internationale de l'énergie atomique  
Международное агентство по атомной энергии  
Organismo Internacional de Energía Atómica

## REQUEST FOR EXPRESSION OF INTEREST (R-EOI)

### SPECIAL INSTRUCTIONS

**R-EOI No. 437325-RL**

#### **PARTNERSHIP FOR DONATION AND/OR FREE-OF-CHARGE LOAN OF EQUIPMENT TO THE IAEA FOR THE NUCLEAR APPLICATIONS LABORATORIES**

#### **CLOSING DATE AND TIME:**

**20 July 2021**

**23:59:59 HOURS CET (VIENNA, AUSTRIA, LOCAL TIME)**

### 1. BACKGROUND

The International Atomic Energy Agency (IAEA) is the world's central intergovernmental forum for scientific and technical co-operation in the nuclear field. It works for the safe, secure and peaceful uses of nuclear science and technology, contributing to international peace and security and the United Nations' Sustainable Development Goals. More detailed information about the IAEA can be found at <https://www.iaea.org/>.

The IAEA Department of Nuclear Sciences and Applications (NA) work covers a broad range of socio-economic sectors, from health, food and agriculture to the environment, water resources and industry. It assists Member States meet their development needs through nuclear science, technology and innovation.

#### 1.1. NUCLEAR SCIENCES AND APPLICATIONS LABORATORIES

The twelve laboratories of the IAEA's Department of Nuclear Sciences and Applications (NA) are a unique feature in the United Nations. The laboratories support and implement activities that respond to the developmental needs of Member States in a range of subject areas, including in food and agriculture, human health, environmental monitoring and assessment, as well as the use of nuclear analytical instrumentation.

The laboratories conduct applied research and development, deliver training and capacity building to Member States and provide technical and analytical services.

Five of the laboratories in Seibersdorf are agricultural and biotechnology-based and are an integral part of the Joint Division managed by the IAEA and the Food and Agriculture Organization of the United Nations (FAO). They are a unique collaborative model in the UN system and assist Member States in the following ways:

**Insect Pest Control Laboratory**

Fighting key insect pests through the Sterile Insect Technique (SIT), a method of birth control applied to target insect pest populations.

**Animal Production and Health Laboratory**

Strengthening food security and livelihoods through improved livestock productivity and control of transboundary animal and zoonotic diseases.

**Plant Breeding and Genetics Laboratory**

Strengthening food security and resilience to climate change through high-yielding crop varieties resistant to disease, drought and other harsh conditions.

**Soil and Water Management and Crop Nutrition Laboratory** Optimizing soil management and agricultural water use efficiency for climate-smart agriculture. Assessing and tracing the fate of radionuclides in soils, crops and agricultural water resources.

**Food and Environmental Protection Laboratory**

Establishing effective systems to support food authenticity, food traceability and contaminant control, to enhance food safety and international agriculture trade.

Three Seibersdorf laboratories assist Member States in the following areas:

**Dosimetry Laboratory**

Ensuring the safe and effective use of radiation in cancer treatment and supporting radiation dosimetry by providing calibration and audit services worldwide.

**Nuclear Science and Instrumentation Laboratory**

Developing, adapting and transferring nuclear instrumentation as well as accelerator applications to Member States for a wide range of operations from environmental monitoring to materials science to the preservation of cultural heritage.

**Terrestrial Environment Laboratory**

Providing environmental assessments and ensuring high quality analytical measurements for radioactive, industrial, and other pollution in Member State laboratories by providing laboratory reference materials and conducting worldwide proficiency tests.

NA maintains three marine environment laboratories in Monaco dedicated to the understanding and preservation of a healthy marine environment and the sustainable development of environmental resources, they assist Member States in the following ways:

**Radiometric Laboratory**

Supporting reliable marine radioactivity measurements, monitoring and assessments. It maintains low-level counting facilities and produces certified reference materials to improve the quality of measurements worldwide.

**Radioecology Laboratory**

Studying the movement of contaminants and bio-toxins in marine ecosystems, including their accumulation in seafood species; the carbon cycle and the marine impacts of global warming and ocean acidification.

### **Marine Environmental Studies Laboratory**

Accurately monitoring contaminants in the marine environment by developing and transferring analytical methods, providing reference materials and conducting international proficiency tests, and applying stable isotopic methods for environmental forensics.

One laboratory is located at IAEA Headquarters in Vienna:

### **Isotope Hydrology Laboratory**

Mapping availability and sustainable management of freshwater and the impact of climate change on rivers, lakes and groundwater aquifers.

## **1.2.RENOVATION OF THE NUCLEAR APPLICATIONS LABORATORIES IN SEIBERSDORF**

Since their opening in 1962, the IAEA NA Laboratories in Seibersdorf had not received a comprehensive renovation or significant upgrading of equipment, and in recent years they have increasingly struggled to meet Member State demands. Recognizing the need to modernize the NA laboratories in Seibersdorf, the IAEA developed a plan in 2014 to significantly enhance the capabilities of the laboratories through the IAEA ReNuAL/ReNuAL+ projects. This initiative provided new buildings for 4 of the 8 NA laboratories in Seibersdorf and an enhanced capability through provision of a Linear Accelerator facility for the Dosimetry Laboratory. ReNuAL 2 was established as a continuation of the ReNuAL and ReNuAL+ programme for modernisation of the Agency's Nuclear Applications Laboratories at Seibersdorf. It will consist of the construction of a new building (FML 2) for the remaining 3 NA laboratories (Plant Breeding and Genetics Laboratory, Nuclear Sciences and Instrumentation Laboratory and Terrestrial Environment Laboratory) and will provide a refurbished and enhanced space for the Dosimetry Laboratory in the existing NA building. The project will also include new greenhouses to replace the existing ones as well as any upgrade to the site infrastructure to service these new buildings.

More details on the ReNuAL initiative can be found at <https://www.iaea.org/about/organizational-structure/department-of-nuclear-sciences-and-applications/seibersdorf-laboratories/reual>.

## **2. EQUIPMENT**

The IAEA invites suppliers to submit an expression of interest (EOI) for the establishment of partnership(s) for donation and/or free-of-charge loan of equipment to the IAEA for the Nuclear Sciences and Applications Laboratories. The required equipment is listed in **Annex 3** to this R-EOI.

Suppliers may express their interest for a partnership(s) in terms of one or more of the items (alternative/equivalent items may be acceptable) listed in Annex 3 or in any combination thereof, as appropriate.

### 3. EOI CRITERIA

Suppliers shall meet the following criteria:

1. The supplier shall have a corporate image associated, directly or indirectly, to values and ideas consistent with the IAEA's Statute and mission.
2. The supplier shall not be:
  - a) included in the Consolidated United Nations Security Council Sanctions List or otherwise associated with, or support terrorism;
  - b) involved in unethical business practices, including complicity in human rights abuses, use or toleration of forced or compulsory labor and/or child labor;
  - c) involved in the manufacture, sale or distribution of arms and/or munitions;
  - d) involved in the manufacture, sale or distribution of landmines and/or cluster-bombs;
  - e) involved in the manufacture or distribute products widely recognized as harmful to public health, such as tobacco or alcohol;
  - f) involved in gambling, exploitative, fraudulent or corrupt practices;
  - g) operating in violation of IAEA issued regulations regarding safety and security;
  - h) included in the UN's blacklist of debarred or suspended suppliers.

### 4. PREPARATION AND SUBMISSION OF THE EOI

Language: The EOI shall be in the English language.

Format and form of submission of the EOI: The EOI shall be submitted by e-mail to:

[Partnerships-Procurement.Contact-Point@iaea.org](mailto:Partnerships-Procurement.Contact-Point@iaea.org)

EOIs shall not be sent either directly or indirectly (in copy or forwarded message) to any other IAEA e-mail or official.

The subject line of the e-mail shall read (in this same order): "R-EOI No. 437325-RL, Partnership for the Nuclear Sciences and Applications Laboratories".

Each attachment file shall not be larger than **4MB**. The total size of one e-mail shall not exceed **20MB**.

Electronic extension files **not** allowed:

386|ade|adp|rtf|rar|app|asd|asf|asx|eml|bas|bat|cab|chm|cmd|com|cpl|crt|dll|  
exe|fxp|hlp|hta|hto|inf|ini|ins|isp|jar|jse?|lib|lnk|mdb|mde|msc|msi|msp|mst|oc  
x|pcd|pif|prg|reg|scr|sct|sh|shb|shs|sys|url|vb|vbe|vbs|vcs|vxd|wmd|wms|wmz|  
wsc|executable files, 'win', 'rar' and 'rtf'.

It is the supplier's responsibility to check the extension type and integrity of each of the electronic files comprising their electronic submission, e.g. to ensure that they are not corrupt and are virus free.

If suppliers experience problems in submitting the EOI by e-mail, files may be split and submitted as several e-mail attachments and/or in separate e-mails. If after attempting the foregoing the supplier still continues to experience problems, the supplier may, in a timely manner, contact the IAEA by e-mail to [Partnerships-Procurement.Contact-Point@iaea.org](mailto:Partnerships-Procurement.Contact-Point@iaea.org) before the R-EOI closing date and time (subject of the email: "R-EOI No. 437325-RL, Partnership for the Nuclear Sciences and Applications Laboratories").

Submissions via links to external servers, such as through cloud storage services (iCloud, Dropbox, Google Drive, etc.), are **not** acceptable.

The EOI shall be received by the IAEA not later than the closing date and time. Incomplete EOI and EOI submitted after the closing date and time or if sent to another IAEA e-mail address or official will be disregarded, unless the IAEA decides otherwise, in its sole discretion.

### **3. CONTENT OF THE EOI**

The EOI shall contain, at the minimum:

- a) The Supplier's Profile Form provided in **Annex 2**, including any relevant supporting documentation, as appropriate/feasible.
- b) Information on whether the equipment is being offered as a donation and/or as a free-of-charge loan to the IAEA.
- c) Technical specifications of the equipment, including whether it is already available or would need to be manufactured.
- d) Information on the functional status of the equipment (if applicable) and year of manufacturing.
- e) Information on whether the equipment donation/free-of-charge loan includes delivery, installation and/or training and/or services, warranties/guarantees, etc. as applicable. Otherwise, please provide a statement that no such additional services/warranties/guarantees are included in the donation/free-of-charge loan.
- f) Estimated commercial value of the item(s)/service(s) (if applicable) as well as any estimated annual whole-life cost, if not included in the donation, for the IAEA reference and indicative purpose. This should include a breakdown of the expected whole-life costs items e.g. spare parts, preventive maintenance, software updates, etc.
- g) At least three (3) clients' references, including short project description, client name and contact details.
- h) Any other relevant information and/or documentation.

The IAEA reserves the right to request the supplier to provide any additional information or documentation and to verify the information provided by the supplier.

### **4. SUPPLIERS' REQUEST FOR CLARIFICATIONS**

In support of EOI preparation, and upon suppliers' requests, the IAEA may provide clarifications. Suppliers' requests for clarifications must be made in writing and submitted in the English language to [Partnerships-Procurement.Contact-Point@iaea.org](mailto:Partnerships-Procurement.Contact-Point@iaea.org) with subject "R-EOI No. 437325-RL, Partnership for the Nuclear Sciences and Applications Laboratories". Such questions shall not be sent to any other IAEA official or e-mail (directly or indirectly e.g. forwarded message or in copy).

Questions raised by any supplier and related answers from the IAEA will be sent to all known potential suppliers and posted on the website of the United Nations Global Marketplace in the form of clarifications. The IAEA will not disclose the name of the supplier(s) raising the question(s).

## **5. POTENTIAL PARTNER AND PARTNERSHIP AGREEMENT**

- (a) Should a potential eligible partner(s) be identified as a result of this R-EOI, the IAEA may, at its sole discretion, conduct negotiations with the relevant supplier(s) concerning the conclusion of the partnership agreement(s).
- (b) No contractual relationship with IAEA is established until a final written agreement is signed by a duly authorized official of the IAEA and of the selected partner.

## **6. GENERAL PROVISIONS**

- (a) Nothing herein or related hereto: (i) shall be deemed a waiver or any agreement to waive any of the privileges and immunities of the IAEA, or (ii) shall be interpreted or applied in a manner inconsistent with such privileges and immunities.
- (b) Suppliers shall adhere to the highest ethical standards including, if applicable, throughout the partnership agreement(s) with the IAEA.
- (c) This R-EOI is not a solicitation and replying to it does not guarantee that a supplier will be approached by the IAEA for a potential partnership or otherwise.
- (d) Any and all costs and expenses incurred in relation to, or ensuing from, the submission of an EOI will exclusively be borne by the supplier. The submission of an EOI and a partnership selection process will not be subject to claims for financial compensation of any kind whatsoever.
- (e) This R-EOI does not entail any commitment on the part of the IAEA, either financial or otherwise.
- (f) The IAEA reserves the right to reject any or all the EOI without incurring any obligation to inform the affected supplier(s) of that decision or the grounds thereof and/or change or cancel this process at any time.
- (g) This R-EOI does not commit the IAEA to enter into a partnership agreement as a result of this process. Any EOI submitted will be regarded as an offer made by the supplier and not as an acceptance by the supplier of an offer made by the IAEA.
- (h) Information relating to the examination, clarification, and evaluation of EOIs, or partnership negotiations shall not be disclosed to the suppliers.
- (i) This R-EOI is not exclusive. The IAEA reserves the right to approach suppliers and accept partners for the Nuclear Sciences and Applications Laboratories through means other than this R-EOI.

ANNEX 1

ACKNOWLEDGMENT OF RECEIPT

**For IAEA tracking purpose, suppliers are encouraged to return the below Acknowledgment of Receipt via E-mail to [Partnerships-Procurement.Contact-Point@iaea.org](mailto:Partnerships-Procurement.Contact-Point@iaea.org)**

The subject line of the e-mail shall read [in this same order]:

**R-EOI No. 437325-RL,  
Partnership for the Nuclear Sciences and Applications Laboratories projects**

TEXT OF THE E-MAIL:

We:

Please mark the box next to the relevant text with "X" or copy the appropriate response(s) in the body of the E-mail:

- intend to submit an expression of interest
- will not submit an expression of interest\*


\*Please indicate reason:

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FROM [Supplier's name]:.....  
Contact person: ..... E-mail:.....  
Tel. no. : .....

**ANNEX 2**

**SUPPLIER'S PROFILE FORM**

Information to be provided by the Supplier expressing interest for a partnership			
<b>UNGM Supplier ID Number:</b> <i>(If applicable)</i>			
<b>Legal Company Name:</b> <i>(Not trade name or DBA name)</i>			
<b>Country of incorporation:</b>			
<b>Company Contact:</b>			
<b>Address:</b>			
<b>City:</b>		<b>State:</b>	
<b>Country:</b>			
<b>Telephone Number:</b>		<b>Fax Number:</b>	
<b>Email Address:</b>		<b>Company Website:</b>	
<b><u>Corporate information:</u></b>			
<b>Company mission statement</b>			
<b>Service commitment to customers</b>			
<b>Organization structure</b>			
<b>Company profile</b> <i>(incl. how your profile contributes to IAEA's needs for the purpose of this EOI) – Please attach any supporting documentation</i>			
<b>Confirmation that the supplier meets the criteria indicated in Section 3 of the R-EOI</b>			
<b>Confirmation that the supplier possesses the legal status and capacity to enter into a legally binding agreement with the IAEA for the proposed partnership(s)</b>			
<b>Supplier's Name:</b>	.....		
<b>e-mail address:</b>	..... ..... .....		
<b>Name and Title of duly authorized representative:</b>	.....		
<b>Signature:</b>			
<b>Date:</b>	.....		