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Tender

## **Specialist Battery Manufacturing Equipment EOI A**

THE FARADAY INSTITUTION

F01: Prior information notice

Call for competition

Notice identifier: 2021/S 000-022041

Procurement identifier (OCID): ocids-h6vhtk-02dd88

Published 6 September 2021, 1:22pm

### **Section I: Contracting authority**

#### **I.1) Name and addresses**

THE FARADAY INSTITUTION

Quad One, Becquerel Avenue, Harwell Oxford

DIDCOT

OX110RA

#### **Contact**

Procurement Specialist

#### **Email**

[procurement@faraday.ac.uk](mailto:procurement@faraday.ac.uk)

#### **Telephone**

+44 7944337884

#### **Country**

United Kingdom

**NUTS code**

UK - United Kingdom

**Internet address(es)**

Main address

[www.faraday.ac.uk](http://www.faraday.ac.uk)

**I.3) Communication**

The procurement documents are available for unrestricted and full direct access, free of charge, at

[www.faraday.ac.uk](http://www.faraday.ac.uk)

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

[www.faraday.ac.uk](http://www.faraday.ac.uk)

**I.4) Type of the contracting authority**

Body governed by public law

**I.5) Main activity**

Other activity

Battery Technology Research and Development

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## **Section II: Object**

### **II.1) Scope of the procurement**

#### **II.1.1) Title**

Specialist Battery Manufacturing Equipment EOI A

Reference number

FI-EOI-A

#### **II.1.2) Main CPV code**

- 42000000 - Industrial machinery

#### **II.1.3) Type of contract**

Supplies

#### **II.1.4) Short description**

The Institution, in conjunction with a number of public & private sector partners, is in the primary stages of an innovative project and is investigating the feasibility of setting up a specialist facility to manufacture and test one-off batteries to the point of confirming proof of concept and manufacturing scalability.

In order to finalise the feasibility study into the setting up a specialist facility, the Institution is seeking to identify a number of equipment manufacturers, distributors and or equipment suppliers who are able to supply specific specialist equipment as listed below and will be issuing 1 or more expressions of interest (EOI) for specific groups of equipment and is seeking the likely total cost to purchase, install, operate & maintain the equipment in order to build a whole life cost for the project to enable the Institution to obtain the required funding and approval.

To submit a compliant expression of interest you are required to:

1. Request the full specification of the equipment by emailing Procurement at the address below.
2. Mark all communications/submission and any supporting information as "FI EOI A."
3. Submit all communication by email to the following email address .

Information regarding this notice can only be obtained from the following email address.

[procurement@faraday.ac.uk](mailto:procurement@faraday.ac.uk)

Provide the following information:

4. Confirm if you are the manufacturer or authorised distributor for the specific item/s you can provide?
5. Confirm and provide evidence you can supply the specified item or direct equivalent and or equivalent of a higher specification?
6. Provide indicative lead times, pricing and any conditions applicable to the item/s:
  - a. List the item/s you can supply & delivery?
  - b. Unit Cost
  - c. Cost of installation and commissioning?
  - d. Lead time from placement of order to delivery?
  - e. Estimated time for installation and commissioning?
  - f. Annual maintenance cost for up to 5 years post installation?
  - g. Itemise any consumables and pricing for items not included in the annual maintenance costs?
  - h. Maintenance schedule to meet the manufacturer's minimum and or recommend maintenance periods e.g., weekly, monthly, quarterly, annually or number of operated hours etc?

i. Identify any background Intellectual Property rights

that can be assigned to the Faraday Institution

without any unreasonable restrictions and or fees?

j. Identify any conditions/caveats that could affect

any of the above?

Please note:

If you do not provide the information for items a. to g., the Institution reserves the right to reject your EOI submission and inclusion in any future tenders without any further communications or will take the omission of any item (for example Annual Maintenance) to imply that it will be supplied free of charge and will not accept any future claims for maintenance costs either in any tender or subsequent contracts.

Equipment list

1. Benchtop laboratory vacuum Mixer + Recirculating Water Chiller for mixing and degassing battery electrode slurries.

2. Benchtop laboratory filtration system for removing large particles (>120 or >100 micrometer diameter) from a volatile electrode slurry

3. High quality benchtop laboratory tape caster suitable for coating battery electrode and solid electrolytes

4. Precision Pneumatic Die Cutter for singulating individual 80mm x 120mm electrodes.

5. Vacuum sealer of producing pouch cell batteries.

6. Pouch cell case/Cup forming machine.

7. Tab welder - benchtop laboratory instrument for the welding of stainless-steel tabs

#### **II.1.6) Information about lots**

This contract is divided into lots: No

#### **II.2) Description**

##### **II.2.2) Additional CPV code(s)**

- 31000000 - Electrical machinery, apparatus, equipment and consumables; lighting
- 38000000 - Laboratory, optical and precision equipments (excl. glasses)
- 39300000 - Miscellaneous equipment

### **II.2.3) Place of performance**

NUTS codes

- UK - United Kingdom

### **II.2.4) Description of the procurement**

The supply, installation and maintenance of Specialist Battery Manufacturing Equipment

The full List of Equipment and specifications and requirements for FI EOI A. is available by emailing your expression of interest to :

[procurement@faraday.ac.uk](mailto:procurement@faraday.ac.uk)

### **II.2.14) Additional information**

Time Table.

1.Publish EOI notice 6th September 2021

2. Submission of Supplier

Clarification questions from 6th to 29th Sept 2021

3. Deadline for supplier questions 12 noon 29th Sept 2021

4. Submission deadline 16:00 hrs 5th October 2021

5. Closure of EOI 24th October 2021

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## **Section III. Legal, economic, financial and technical information**

### **III.1) Conditions for participation**

#### **III.1.1) Suitability to pursue the professional activity, including requirements relating to enrolment on professional or trade registers**

List and brief description of conditions

Special Condition for Participation.

By participating in this EOI you and your company irrevocably agree to keep any and all information supplied confidential and you and your company are irrevocably guaranteeing not to share any of the information within this EOI and or subsequently supplied by the Institution to any third party other than where you are the authorised distributor and need to share information with the primary manufacturer. Where you are required to share any of the information with a third party, other than in the above scenario, you must obtain prior written approval from the Institution's Chief Operating Officer.

Failure to keep any and all information confidential may result in the Institution recovering any and all costs and or losses from your company due to the unauthorised disclosure of the information to a third party/s.

Any proprietary information submitted to the Institution as part of your EOI submission must be marked confidential and or commercially sensitive should you not wish the Institution to share technical information and or use it in any future tenders otherwise the Institution will automatically assume it is free to use any technical information without obtaining prior written permission to build a future tender and or procurement /purchasing event.

Where there is any doubt over any technical information the Institution may request your company gives the Institution written permission to use some or all of any technical specifications if in the opinion of the Institution the technical specification is required to meet the project's needs. Failure to give permission may result in your company being excluded from further participation in the project.

For the avoidance of doubt by responding to this EOI your company irrevocably agrees to the above conditions of confidentiality and non-disclosure.

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## **Section IV. Procedure**

### **IV.1) Description**

#### **IV.1.1) Type of procedure**

Restricted procedure

#### **IV.1.8) Information about the Government Procurement Agreement (GPA)**

The procurement is covered by the Government Procurement Agreement: No

### **IV.2) Administrative information**

#### **IV.2.2) Time limit for receipt of expressions of interest**

Date

5 October 2021

Local time

4:00pm

#### **IV.2.4) Languages in which tenders or requests to participate may be submitted**

English



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## **Section VI. Complementary information**

### **VI.2) Information about electronic workflows**

Electronic ordering will be used

Electronic invoicing will be accepted

Electronic payment will be used

### **VI.4) Procedures for review**

#### **VI.4.1) Review body**

Faraday Institution

Didcot

Country

United Kingdom