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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): ocds-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

Telephone

+44 7944337884

Country

United Kingdom

NUTS code

UK - United Kingdom

Internet address(es)

Main address

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

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

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

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

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

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

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.

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

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