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Tender

Supply, Delivery, Installation & Commissioning of a Wafer Thinning Turnkey ITT

University of Strathclyde

F02: Contract notice

Notice identifier: 2025/S 000-023248

Procurement identifier (OCID): ocds-h6vhtk-0518c2

Published 20 May 2025, 1:42pm

Section I: Contracting authority

I.1) Name and addresses

University of Strathclyde

Learning & Teaching Building, 49 Richmond Street

Glasgow

G1 1XU

Contact

Anna Sanina

Email

anna.sanina@strath.ac.uk

Telephone

+44 7811592949

Country

United Kingdom

NUTS code

UKM82 - Glasgow City

Internet address(es)

Main address

<http://www.strath.ac.uk/>

Buyer's address

https://www.publiccontractsscotland.gov.uk/search/Search_AuthProfile.aspx?ID=AA00113

I.2) Information about joint procurement

The contract is awarded by a central purchasing body

I.3) Communication

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

<https://www.publictendersscotland.publiccontractsscotland.gov.uk/esop/pts-host/public/pts/web/login.html>

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

<https://www.publictendersscotland.publiccontractsscotland.gov.uk/esop/pts-host/public/pts/web/login.html>

I.4) Type of the contracting authority

Body governed by public law

I.5) Main activity

Education

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

Supply, Delivery, Installation & Commissioning of a Wafer Thinning Turnkey ITT

Reference number

UOS-35651-2025

II.1.2) Main CPV code

- 31712330 - Semiconductors

II.1.3) Type of contract

Supplies

II.1.4) Short description

The University of Strathclyde has a requirement for a semiconductor wafer thinning capability suitable to receive wafers of various sizes and materials and grind, stress relieve and clean them before onward processing in a power semiconductor packaging line.

The line will allow research to be performed on a variety of materials and processes involved in the manufacture of semiconductor products. This is in support of a publicly funded project that will see the creation of an advanced, scaleup packaging facility for power electronics within the National Manufacturing Institute Scotland (NMIS). The overall scale up manufacturing facility is to be housed at an NMIS site, this sub-section of the facility will be housed in an ISO-7 (class 10,000) clean room environment. The equipment within the facility will comprise the latest technology in their respective fields. It will be utilized in a range of projects within the Power Electronics industry and will be made available to both academic and industrial partners across the whole of the United Kingdom, including other catapult centres. As part of this project, NMIS has a requirement to procure a turnkey capability in wafer thinning, polishing, cleaning - which includes water management ancillary systems.

High-efficiency grinder/polisher for wafers

A Deionised Water Recycling Unit

Automatic Cleaning System for wafers

II.1.5) Estimated total value

Value excluding VAT: £2,000,000

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.2) Additional CPV code(s)

- 31710000 - Electronic equipment

II.2.3) Place of performance

NUTS codes

- UKM82 - Glasgow City

II.2.4) Description of the procurement

The University of Strathclyde has a requirement for a semiconductor wafer thinning capability suitable to receive wafers of various sizes and materials and grind, stress relieve and clean them before onward processing in a power semiconductor packaging line.

The line will allow research to be performed on a variety of materials and processes involved in the manufacture of semiconductor products. This is in support of a publicly funded project that will see the creation of an advanced, scaleup packaging facility for power electronics within the National Manufacturing Institute Scotland (NMIS). The overall scale up manufacturing facility is to be housed at an NMIS site, this sub-section of the facility will be housed in an ISO-7 (class 10,000) clean room environment. The equipment within the facility will comprise the latest technology in their respective fields. It will be utilized in a range of projects within the Power Electronics industry and will be made available to both academic and industrial partners across the whole of the United Kingdom, including other catapult centres. As part of this project, NMIS has a requirement to procure a turnkey capability in wafer thinning, polishing, cleaning - which includes water management ancillary systems.

II.2.5) Award criteria

Quality criterion - Name: Quality / Weighting: 60

Price - Weighting: 40

II.2.7) Duration of the contract, framework agreement or dynamic purchasing system

Duration in months

30

This contract is subject to renewal

No

II.2.10) Information about variants

Variants will be accepted: No

II.2.11) Information about options

Options: Yes

Description of options

The Contracting Authority reserves the right to request additional deliveries by the successful Tenderer, either intended as partial

replacement of supplies or installations or as extensions of existing supplies and installations.

The Contracting Authority may at its sole discretion exercise this option.

II.2.13) Information about European Union Funds

The procurement is related to a project and/or programme financed by European Union funds: No

Section III. Legal, economic, financial and technical information

III.1) Conditions for participation

III.1.2) Economic and financial standing

List and brief description of selection criteria

4B 1.2 Turnover

Bidders will be required to have an average yearly turnover of a minimum of 4,000,000 GBP for the last 3 (three) years, to ensure the University is protected from any unforeseen financial risks that may impact the supplier or supply chain.

Minimum level(s) of standards possibly required

4B.5.1- 4B5.3 Insurances

Insurance requirements are in line with levels identified in the UOS standard Terms and Conditions.

It is a requirement of this contract that bidders can hold or commit to obtain prior to the commencement of any subsequently awarded contract, the types of insurance indicated below:

The Contractor shall maintain in force with reputable insurers

Employer's (Compulsory) Liability Insurance = GBP 10m

Public and Product Liability Insurance = GBP 10m

Professional Risk Indemnity Insurance = GBP 2m

In respect of any one incident and unlimited as to numbers of claims

III.1.3) Technical and professional ability

List and brief description of selection criteria

4C.1.2 Previous Experience

Bidders will be required to provide three (3) examples that demonstrate that they have the relevant experience to deliver the equipment as stated in the Contract Notice.

Section IV. Procedure

IV.1) Description

IV.1.1) Type of procedure

Open procedure

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

The procurement is covered by the Government Procurement Agreement: Yes

IV.2) Administrative information

IV.2.2) Time limit for receipt of tenders or requests to participate

Date

20 June 2025

Local time

12:00pm

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

English

IV.2.6) Minimum time frame during which the tenderer must maintain the tender

Duration in months: 4 (from the date stated for receipt of tender)

IV.2.7) Conditions for opening of tenders

Date

20 June 2025

Local time

12:00pm

Section VI. Complementary information

VI.1) Information about recurrence

This is a recurrent procurement: No

VI.2) Information about electronic workflows

Electronic ordering will be used

Electronic invoicing will be accepted

Electronic payment will be used

VI.3) Additional information

The buyer is using PCS-Tender to conduct this ITT exercise. The Project code is 29279.
For more information see:

<http://www.publiccontractsscotland.gov.uk/info/InfoCentre.aspx?ID=2343>

Community benefits are included in this requirement. For more information see:
<https://www.gov.scot/policies/public-sector-procurement/community-benefits-in-procurement/>

A summary of the expected community benefits has been provided as follows:

Please see Procurement documents for full details

(SC Ref:799129)

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(SC Ref:799129)

VI.4) Procedures for review

VI.4.1) Review body

Glasgow Sheriff Court

1 Carlton Place

Glasgow

G5 9DA

Country

United Kingdom

VI.4.3) Review procedure

Precise information on deadline(s) for review procedures

Precise information on deadline(s) for review procedures:

An economic operator that suffers, or risks suffering, loss or damage attributable to a breach of duty under the Public Contracts (Scotland) Regulations

2015(SS12015/446) (as amended) may bring proceedings in the Sheriff Court or the Court of Session.