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Tender

Research Web Scraping ECI Labour Market

ENGINEERING CONSTRUCTION INDUSTRY TRAINING BOARD

UK4: Tender notice - Procurement Act 2023 - [view information about notice types](#)

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Procurement identifier (OCID): ocids-h6vhtk-055b84

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Scope

Reference

P2505-3

Description

The ECITB wishes to appoint a provider to fulfil its requirement for a research project to develop comprehensive labour market intelligence for the Engineering Construction Industry by using web scraping techniques to analyse job advertisements from online platforms.

This project seeks to:

- Understand the evolving skills landscape within the ECI sector.
- Map the geographical and sectoral distribution of skills demand.

- Provide evidence-based insights to support workforce development strategies.

The following objectives will guide the research:

1. Identify which vacancy platforms ECI employers use.
2. Develop and implement web scraping algorithms to extract job posting data from Indeed, Glassdoor, LinkedIn and other platforms.
3. Create and enhance an occupational and skills taxonomy for the ECI built upon SOC codes with additional ECI-specific classifications.
4. Analyse the extracted data to identify skills gaps, emerging skills requirements and high-demand occupations across regions and sectors.
5. Quantify occupational shortages and estimate occupational demands across ECI sectors and regions.
6. Produce periodic reports and dashboards to inform ECITB's stakeholders.
7. Look at the educational pathways of the five most in-demand vacancies.

Full details of the requirements can be found within the detailed specification.

The initial Contract term will be for six (6) months, with an optional extension of three (3) months, commencing late August 2025.

The full procurement pack consists of the following documents which are available for download here on Find a Tender Service:

1. Invitation to Tender (ITT) - includes full guidance on the procurement process
2. Specification
3. Pricing Schedule
4. ECITB Services agreement (Contract)

***Tenderers should register their interest in the ITT via procurement@ecitb.org.uk after download of the documents from Find a Tender Service, to ensure they are included in the clarification process ***

We thank you for your interest in the ECITB and this opportunity.

Total value (estimated)

- £50,000 including VAT

Below the relevant threshold

Contract dates (estimated)

- 25 August 2025 to 28 February 2026
- Possible extension to 28 May 2026
- 9 months, 4 days

Description of possible extension:

To be used only as a contingency to support project finalisation and delivery, at the ECITB's full discretion.

Main procurement category

Services

CPV classifications

- 73000000 - Research and development services and related consultancy services

Contract locations

- UK - United Kingdom
-

Participation

Conditions of participation

Please see Invitation to Tender (ITT) for details

Particular suitability

- Small and medium-sized enterprises (SME)
 - Voluntary, community and social enterprises (VCSE)
-

Submission

Enquiry deadline

28 July 2025, 5:00pm

Tender submission deadline

6 August 2025, 5:00pm

Submission address and any special instructions

www.ecitb.org.uk

Tenders must be submitted to: procurement@ecitb.org.uk

Tenders may be submitted electronically

Yes

Award criteria

Full details of the award criteria are available within the Invitation to Tender (ITT) including the full evaluation methodology.

Award criteria is based on a both technical/quality questions and pricing. These are weighted as follows:

Technical/Quality Criteria: 80%

Pricing Criteria: 20%

The tenderer (subject to meeting the requirements of participation), with the highest combined weighted score and representing the most advantageous tender (MAT) will be awarded the contract.

Procedure

Procedure type

Below threshold - open competition

Documents

Associated tender documents

[P2505-3 ECITB ITT Research Web Scaping ECI Labour Market \(Open Below\) V.1.1.docx](#)

P2505-3 ECITB ITT Research Web Scaping ECI Labour Market (Open Below) V.1.1 - For completion

[P2505-3 ECITB Service Provision Agreement Research ECI Labour Market.docx](#)

P2505-3 ECITB Service Provision Agreement Research ECI Labour Market - Contract

[Schedule of Prices ECITB P2505-3 V1.1.xlsx](#)

Schedule of Prices ECITB P2505-3 V1.1 - For completion

[P2505-3 ECITB Specification Research Web Scaping ECI Labour Market V1.1.docx](#)

P2505-3 ECITB Specification Research Web Scaping ECI Labour Market V1.1 - SPECIFICATION

Contracting authority

ENGINEERING CONSTRUCTION INDUSTRY TRAINING BOARD

- Charity Commission (England and Wales): 264506

- Public Procurement Organisation Number: PPPJ-1399-NBBQ

Kings House Business Center, Home Park Business Estate, Station Road

Kings Langley

WD4 8LZ

United Kingdom

Email: procurement@ecitb.org.uk

Website: <http://www.ecitb.org.uk>

Region: UKH23 - Hertfordshire

Organisation type: Public authority - sub-central government