



Data Analyst and Value Quantifier (KTP Associate) – Pick Everard

Job Ref: REQ171019

As part of the University's ongoing commitment to redeployment, please note that this vacancy may be withdrawn at any stage of the recruitment process if a suitable redeployee is identified.

A KTP (Knowledge Transfer Partnership) is a collaborative project between a University and Company. The project is jointly funded by the Company and Innovate UK. KTP projects aim to help businesses to improve their competitiveness and productivity through the better use of knowledge, technology and skills that reside within the UK Knowledge Base.

This KTP is a 21-month project between Loughborough University's School of Architecture, Building and Civil Engineering and the Company: Pick Everard and the Perfect Circle consortium.

The associate will be based at Pick Everard's premises in Leicester but will also spend time at the University and at the premises of other members of the Perfect Circle Joint Venture (see below).

Company summary

Pick Everard (PE), founded in 1866 with 450 employees and £38m annual turnover, is a leading multi-disciplinary practice providing project, cost and construction management, architectural, engineering and strategic consultancy services. PE support diverse sectors including Science & Technology, Residential, Aviation, Local Government and Public Sector. PE is working with Gleeds and AECOM as the 'Perfect Circle' (PC) Joint Venture (www.perfectcircle.co.uk). This consortium is delivering the £350m, four-year Built Environment Consultancy Services (BECS) Framework for Scape Procure (www.scapegroup.co.uk). Scape Procure is a central body through which Local Authorities collectively procure work from a series of five frameworks (Construction, Built Environment Consultancy Services, Facilities Management, Civil Engineering and Infrastructure and Minor Works). This allows them to combine their purchasing power and simplify procurement to achieve better value for money. Perfect Circle are Scape Procure's Built Environment Consultancy Services partner, providing design and consultancy services across England. They provide all the management functions required by Scape Procure's Local Authority clients. As all these activities are performed for public sector clients, the Public Services (Social Value) Act requires them to generate social value.

School summary

The School of Architecture, Building and Civil Engineering (ABCE) at Loughborough University is one of the largest of its type in the UK. The School is a world leading centre for transdisciplinary research in Architecture, Civil Infrastructure Engineering, Construction Project Management, Transport, and Water and Waste Management. Many of its research outputs have been created for, and in partnership with, industrial collaborators to have demonstrable impact on policy and practice worldwide. Members of the School's academic staff have been working on understanding and delivering social value for some time and have developed methods for both capturing, quantifying and leveraging social value opportunities. The KTP Associate will work with Dr Derek Thomson, Dr

Scott Fernie and Professor Andrew Dainty to help the Company quantify and record the social value that it creates when delivering its Framework Commitments and Consultancy Services

Job Description

Job Grade: KTP Associate

Job Purpose

The Associate will work on a unique and exciting project that seeks to develop and add advanced data analysis methods into an existing data analytics platform to accurately measure and report the delivery of social value. The reports will inform PC's innovative development of strategic interventions designed to maximise social value impact for its public sector clients in accordance with the Public Services (Social Value) Act.

Work activities

- Survey the existing systems for delivering and measuring social value impact within PE / PC and the industry.
- Critically analyse state of the art methods and techniques for recognising and measuring social value.
- Develop a new and innovative process of data collection and analytical instruments for use within PE's existing data capture platform for measuring and informing the social value impact.
- Implement and validate the new system, develop protocols for its use and train relevant staff.
- Embed the knowledge required to sustain the competitive advantage gained from this expertise in staff.

Points to Note

The purpose of this job description is to indicate the general level of duties and responsibility of the post. The detailed duties may vary from time to time without changing the general character or level of responsibility entailed.

Previous KTP Associates or employees of Pick Everard are not eligible to apply.

The successful candidate will have the opportunity to register for an MPhil within the School.

The successful candidate will be provided with a training budget of about £3,500 to develop their capability in this field.

The successful candidate will be embedded within an existing knowledge base within the School to develop their academic and/or practitioner based career. The ability to write academic papers based on the KTP will be encouraged and supported.

We are unable to offer a Certificate of Sponsorship for this position.

Special Conditions

All staff have a statutory responsibility to take reasonable care of themselves, others and the environment and to prevent harm by their acts or omissions. All staff are therefore required to adhere to the University's Health, Safety and Environmental Policy & Procedures.

All staff should hold a duty and commitment to observing the University's Equality & Diversity policy and procedures at all times. Duties must be carried out in accordance with relevant Equality & Diversity legislation and University policies/procedures.

Successful completion of probation will be dependent on attendance at the University's mandatory courses which include Respecting Diversity and, where appropriate, Recruitment and Selection.

Organisational Responsibility

Reports to the KTP Lead Academic – Dr Derek Thomson

Reports to KTP Company Supervisor whilst on company premises – Dr Nicola Thompson

Person Specification

Applications will be reviewed against the essential and desirable criteria listed below. Applicants are strongly advised to explicitly state and evidence how they meet each criteria in their application. The stages of assessment are as follows:

- 1 – Application
- 2 – Test/Assessment Centre/Presentation
- 3 – Interview

Essential Criteria

Area	Criteria	Stage
Experience	Experience of developing and managing workplans and showing initiative and independent thought on progress	1,3
	Good Interpersonal and communication skills	1,3
	Can demonstrate innovative and free thinking	1,3
Skills and abilities	Numerate, with good level of IT literacy	1,3
	Excellent teamwork and communication skills	1,3
	Working knowledge of statistics	1,3
	Ability to process large amounts of data	1,3
	Ability to present and debate	3
Training	Commitment to continuing professional development, and willingness to undertake training as/when required	3
Qualifications	Degree (minimum 2:2) in a numerate or business management subject.	1
Other	Commitment to observing the University's Equal Opportunities policy at all times.	1,3

Desirable Criteria

Area	Criteria	Stage
Experience	Knowledge of project management and performance evaluation	1,3
	Working knowledge of the social value agenda	1,3
	Experience in interrogating complex datasets and of management information systems	1,3
Skills and abilities	Capabilities in data management and analysis	1,3
	Understanding of information theory (quality, timeliness, etc.)	1,3
	Ability to engage with stakeholders at all levels of an organisation	1,3
	Ability to run data elicitation workshops with a wide variety of stakeholders	1,3
Qualifications	Data management or processing qualification in addition to Essential qualifications above.	1

Conditions of Service

The position is full time and fixed term for 21 months. Salary will be between £20,000 and £24,000 per annum, at a starting salary to be confirmed on offer of appointment. Additional funding for training and development is available (see above).

The appointment will be subject to the University's normal Terms and Conditions of Employment for Academic and Related staff/Operational and Administrative staff, details of which can be found [here](#). The successful candidate will also be expected to comply with the working practices of Pick Everard.

The University holds a Bronze Athena SWAN award which recognises the importance of support for women at all stages of their academic career. For further information on Athena SWAN see <http://www.lboro.ac.uk/services/hr/athena-swan/>

Informal Enquiries

Informal enquiries should be made to Dr Derek Thomson by email at d.s.thomson@lboro.ac.uk or by telephone on 01509 222895

Applications

The closing date for receipt of applications is **16 November 2017**.