

Commissioning and Installations Engineer

Department	Advanced Forming Research Centre, Department of Design, Manufacture and Engineering Management (www.strath.ac.uk/engineering/designmanufactureengineeringmanagement/)		
Faculty	Faculty of Engineering (www.strath.ac.uk/engineering/)		
Staff Category	Administrative and Professional	Reference No	337570
Reports To	Engineering Services Manager	Grade:	7
Salary Range:	£32817 - £40322	Contract Type:	Fixed Term – End June 2022
FTE	1 (35 hours/week)	Closing Date	10/01/2021

Job Advert

The University of Strathclyde in Glasgow possesses a large internationally rated Engineering Faculty with a proud history of successful joint ventures with industrial and enterprise partners. As part of the University's strategic development the Advanced Forming Research Centre (AFRC) has been established near Glasgow's International Airport. The AFRC is the embodiment of a £65 million collaborative investment by Industrial, Academic and Government partners seeking to establish a world-leading research facility for forging and forming technologies.

The AFRC is seeking to recruit an enthusiastic commissioning and installations engineer to join a rapidly growing team. Working with the Engineering Group (presently circa 60 people), you will lead the tendering and commissioning of a number of items of equipment and thereafter work with the team to ensure that subsequent Engineering Team projects are delivered to customer satisfaction. This will involve managing relationships with a range of stakeholders ranging from large to small client companies, equipment suppliers and funding bodies.

You will work closely with the Programme Management team to ensure that projects are delivered in line with AFRC project management procedures. You will also be closely involved in working with the New Business team to develop new opportunities by drafting proposals for work and funding. You will therefore be a strong communicator with excellent interpersonal and relationship building skills and have the ability to interact and influence at all levels including AFRC Member Companies and academic partner institutions. Considerable project management, planning and budgetary experience are essential for this post and you should preferably be able to demonstrate a successful track record of managing significant projects from inception to completion in a manufacturing engineering setting. You will hold a good honours degree and will ideally have knowledge of the challenges and drivers for manufacturing industry.

Whilst not essential for the role, candidates with experience of working/interacting within a university setting, with experience of knowledge exchange with industry partners are highly welcomed, as are candidates with knowledge of the challenges and drivers for the manufacturing industry

Job Description

Brief Outline of Job:

Reporting to the Engineering Services Manager, to provide overall project management for the installation and commissioning of a wide range of equipment being installed across NMIS sites. Also lead and manage a range of Engineering projects to ensure their timely delivery in line with NMIS Project Management protocols

Main Activities/Responsibilities:

- Operational responsibility for managing delivery of a number of projects including effective budget, resource and stakeholder management.

2.	Work with the Engineering Services Manager, Team Leaders and Programme Management to allocate resource to projects, and to collate and monitor resource usage against plan, working with the aforementioned group to manage any resourcing issues.
3.	Monitor project budget usage against plan, working to mitigate overspend and manage issues.
4.	Identify problems related to meeting project objectives and deadlines and propose solutions. Where issues are unmanageable within the project team, escalate the issue for appropriate support.
5.	Represent the Engineering Services Team at project reviews, and in discussions with potential new customers to develop new business. Work to manage and resolve any difficulties that may occur between project teams and external partners.
6.	Manage the tendering process for new items of AFRC / LMC capital equipment in line with University and AFRC procedures and technical strategy as directed by the Senior Management Team
7.	Directly liaising with equipment suppliers throughout the tendering process and beyond; during installations, commissioning and positioning of equipment. Provide guidance during acceptance testing ensuring that equipment is commissioned to the standard required, and all HSE requirements met for delivery of AFRC projects.
8.	Manage all capital installations ensuring all health and safety regulations are adhered too, review and sign off on all sub-contractor RAMS prior to works commencing within the AFRC/LMC facility. Ensure all sub-contractors undertake site inductions providing additional evidence to support works where requested.
9.	Contribute to the development of Statements of Work, budgets and quotes for new project work.
10.	To oversee planned preventative maintenance schedules and delivery across the Centre.
11.	Operate within the AFRC Quality Management Procedures, feeding back opportunities for improvement if identified, in order to ensure that professional quality service standards are maintained and applied within own area of activity.
12.	Engage in Continuous Professional Development.

Person Specification

Educational and/or Professional Qualifications

(E=Essential, i.e. a candidate must meet all essential criteria to be considered for selection, D=Desirable)

E1 Good honours degree (minimum class 2:1) in a relevant discipline (e.g. Engineering/Physical Sciences) and/or professional qualification in a relevant subject, or relevant industrial experience

D1 Project Management qualification (e.g. CAPM)

Experience

E2 Extensive experience of project management, preferably some experience of leading, or being involved in a number of projects simultaneously.

E3 Experience of leading a significant equipment installation project with public tendering processes and a familiarity with contract negotiation.

E4 Experience in managing and controlling complex budgets

E5 Developing leadership capabilities and ability to coordinate highly qualified multi-disciplinary teams without having direct line management responsibility

E6 Experience and knowledge of Customer Relationship and IP Management

D2 Experience of managing staff

D3 Experience within an industrial manufacturing environment

Job Related Skills and Achievements

E7 Good working knowledge/understanding of manufacturing industry challenges and drivers

D4 Strong analytical and report writing skills with experience of preparing technical and non-technical reports and the ability to present these at senior management forums

E8 Skills to develop productive relationships with industry, academics and key external bodies

E9 Good working knowledge/understanding of manufacturing industry challenges and drivers

Personal Attributes

E10 Excellent interpersonal and communications skills and confidence in engaging with, influencing and presenting to diverse audiences

E11 Self-motivation and tenacity

E12 Energy to work with a young, dynamic team of scientists and engineers

Application Procedure

Applicants are required to complete an application form including the name of three referees who will be contacted before interview without further permission, unless you indicate that you would prefer otherwise. Applicants should also submit a Curriculum Vitae and a covering letter detailing the knowledge, skills and experience you think make you the right candidate for the job. Applicants should also complete the Equal Opportunities Monitoring Form.

Other Information

Further information on the application process and working at Strathclyde can be found on our website (<http://www.strath.ac.uk/hr/workforus>).

Conditions of Employment

Conditions of employment relating to the Technical Services staff category can be found at: [Conditions of Employment](#).

Rewards and Benefits

Our staff have access to a wide range of outstanding benefits that include financial rewards, family friendly and wellbeing benefits and career development opportunities, details of which can be found [here](#).

Probation

Where applicable, the successful applicant will be required to serve a 9 month probationary period.

Pension

The successful applicant will be eligible to join the Universities' Superannuation Scheme. Further information regarding this scheme is available from [Payroll and Pensions](#).

Interviews

Formal interviews for this post will be held on 18 January 2021.

Equality and Diversity

We value diversity and welcome applications from all sections of the community.

The University currently holds a Bronze Athena SWAN award, recognising our commitment to advancing women's careers in science, technology, engineering, maths and medicine (STEMM) employment in academia.

University Values

The University's Values capture what we're all about: who we are, what we believe in and what we stand for. [Our Values](#) have been derived from how we act and how we expect to be treated as part of Strathclyde.

