

Requisition Number:

Job Description.

MIRA is a world-class, independent engineering consultancy, operating in multiple locations around the world, to support vehicle manufacturers and their supply chain with cutting-edge engineering and testing expertise .

We offer full-system design, test and integration expertise to automotive, defence, rail and transport industries and also specialise in developing low carbon and autonomous and co-operative driving technologies.

At our headquarters in the Midlands, we have access to one of the most comprehensive vehicle proving grounds which boasts 93km of test tracks and over 35 world-class test facilities and laboratories. Our facilities, combined with the engineering expertise of our 600 strong team makes MIRA Technology Park Europe 's number one location for transport sector R&D.

Title of Job:	Facility Engineer		
Department:	0458		
Grade:	Senior Engineer (BB4)		
Date Required:	ASAP		
Salary Range:	Up to £48000 dependent on experience		
Number Required:	1		
Location:	Facility engineering Office 1 st floor over Calibration Centre		
Reason for Vacancy:	Retirement		
Contract Type:	Permanent:	Y	Contractor:
Responsible To:	Head of Facility Engineering		
Subordinates:	-		

Main Purpose of Job
<p>To provide;</p> <ul style="list-style-type: none"> • Engineering and management of capital investment projects associated with HORIBA MIRA facilities. • Production of concept and construction drawings using AutoCAD software. • Assist in the production of specifications and documentation for capital projects. • Information gathering for facility operating parameters and conditions. • Site management of contractors. • Engineering design for electrical and mechanical services. • Engineering design for buildings including spatial layouts.

Key Functions
<p>The candidates will:</p> <ul style="list-style-type: none"> • Take a lead role in investigation studies to develop technical solutions for new capital projects. • Take a lead role in the delivery of capital projects. • Provide technical support to facility owners for the maintenance and repair of existing facilities.

- Prepare concept and detailed drawings using AutoCAD software.
- Prepare reports and documentation to support the design, contract and PM process (specifications, RFQ etc.).
- Liaise with SME's for the design and installation of electrical and mechanical services.
- Understand building design and construction techniques.
- Be able to liaise with contractors and supervise on site activities.
- Undertake surveying tasks and building construction inspections.

Essential Qualifications	Preferred Qualifications
<ul style="list-style-type: none"> • HNC/HND or equivalent in building services or electrical engineering. • AutoCAD user. 	<ul style="list-style-type: none"> • Engineering degree in Electrical or Mechanical Engineering. • Project management qualification (APM PMQ, AGILE, Prince 2 etc.) • H&S qualification (IOSH/NEBOSH)

Essential Experience	Preferred Experience
<ul style="list-style-type: none"> • Proficient with AutoCAD software. • Proficient with Microsoft Office Word, Excel and PowerPoint. • Good understanding of the CDM 2015 regulations. • Design of Electrical or mechanical services. • Project management experience. 	<ul style="list-style-type: none"> • Knowledge of creating 3D images of building/ground models • Experience of designing automotive test facilities. • Understanding of legislative conformity for automotive test facilities. • Design of M&E services. • Understanding of spatial planning and building design.

What is the candidate likely to be doing now?

Working in a Facilities / Estates Department

Other information

- Must provide a portfolio of relevant work.
- Must have clean full driving licence
- Must be able to self-start.
- Proficient in English Language, written and verbal communication.
- Able to interact with personnel of all backgrounds for the gathering of information.
- Preferable if some experience of proving grounds or automotive test facilities.
- Predominantly work from the office on site, some working from home may be possible (will depend on project status).
- Some travel may be required to sites within the UK.