UK Suppliers and Partners for Big Science
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This guide contains profiles of a selection of UK companies with the expertise and collaborative skills to supply products and services to the Big Science organisations.

Companies are showcased via a short biography, alongside their core competencies and relevant procurement codes, making new UK partners and suppliers easy to find.

UK companies work with businesses and governments worldwide to provide innovative, reliable products and services. As a global trade partner, the dynamism and expertise of UK companies is unbeatable.

UK industry looks forward to collaborating with you.
The STFC Business Opportunities team* is the UK Industrial Liaison Office (ILO) for CERN, ESO, ESRF, ESS, Eu-XFEL, FAIR, ILL and SKAO. The team works actively to match UK companies to the requirements of the organisations, with a designated contact for each facility.

Please contact the team if you have any questions or if you would like help to find a UK supplier and partner.

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* The Science and Technology Facilities Council (STFC), part of UK Research and Innovation (UKRI), supports research in astronomy, physics, and space science, and operates world-class research facilities for the UK.

[www.ukri.org/stfc](http://www.ukri.org/stfc)
Please find a selection of UK companies engaged in the Big Science market. They demonstrate the strength and breadth of the UK’s manufacturing and service industries.

Companies are listed alphabetically or, if you are looking for a supplier or partner within a thematic area, then you can also search by procurement code, p132.
2DHeat Ltd

Company profile
2DHeat Ltd electric radiant infrared heating panel technology is very energy efficient, very fast to warm, i.e. less than three minutes from cold, run on mains AC (inc. large scale solarPV, wind, hydro, bio-fuels & other renewables) OR low voltage DC (inc. battery storage). Our technology doesn’t require expensive yearly maintenance, is perfectly suited to SMART thus complying with Eco-design (Lot 20) regulations that focus on ‘heating-on-demand’, on a room-by-room basis, using intelligent sensors & control systems, very quick to install, don’t take up any room space, are silent in operation, and up to six times more powerful than existing IR previously deemed too under-powered to heat houses, schools, hospitals, factories, venue halls, etc.

Core competencies
2DHeat manufacture fast-heating, fully controllable, SMART, high watts-density ac/dc radiant infrared heating panels, the most cost and energy efficient method of heating personnel in large open covered spaces. No need for insulation. Up to 2kw.

Company size
Micro

2dh.com
Unit 5, Dashmore Business Park, Lock Street, St Helens, WA9 1HS

Dr Marcus William Rutherford
marcus.william.rutherford@hotmail.com

Procurement codes
Civil Engineering & Construction
Controls, Handling & Transport
Electrical Engineering & Magnets
Mechanical Engineering
Other
Accura Engineering Ltd

Company profile
Accura Engineering is an AS9100 & NADCAP accredited precision engineering business providing machined and fabricated components, sub-assemblies, tooling and prototypes. With some of the most comprehensive facilities in the UK, we supply a vast spectrum of high-reliability industries including aerospace, space, defence, energy & automotive with turn-key service that they can depend on. We have the capability to handle projects of all sizes, from machining to bespoke complex castings, through to high-volume production. Within our dedicated aerospace manufacturing facilities, we produce over 50,000 AS9100-accredited components each month, kitted and delivered directly to Collins Aerospace production lines. T/O £8M.

Core competencies
5 axis precision machining for prototypes, low or high volume. Large milling up to 4 m, wire & spark EDM, Press tooling design & manufacture, light fabrication. Laser cutting, grinding, turning. From concept to completion.

Company size
Medium

www.accura.co.uk
1 Stringes Close, Willenhall
WV13 1NS

Cherie C Sharpe
cherie.sharpe@accura.co.uk

Procurement codes
Mechanical Engineering
AEON Engineering Ltd

Company profile
AEON is a multidisciplinary Engineering Design, Technology Development and Test House. We work with our clients to deliver fully functioning products for applications in the R&D, Scientific and Space sectors. Our onsite CERES facility offers a space-testing and instrument qualification lab providing; Destructive and non-destructive materials characterisation, Wideband Spectroscopy, Large (and small) UHV Chambers, Temperature Controlled Quartz Crystal Microbalance (TQCM) for measurement of outgassing characteristics, 10 kN tensile & compression test machine, Rapid prototyping (3D printing), and 3D Scanning for metrology, reverse engineering application. Our TQCM is available for standalone purchase or rental.

Core competencies

Company size
Micro

www.aeon-eng.com

293 Silverdale Road
Silverdale, ST56EH

Rob Gabrielczyk
rob@aeon-eng.com

Procurement codes
Lab & Office Equipment & Supplies
Materials
Mechanical Engineering
Optics & Photonics
Vacuum & Low Temperature
Agate Products Ltd

Company profile
Leaders in the precision machining and supply of hard and ultra hard materials such as alumina, sapphire, Quartz, Zirconia, Silicon Carbide and all technical ceramics.

Core competencies
Experts in machining technical ceramics.

Company size
Small

www.agateproducts.co.uk
114 Roebuck Road
Surrey, KT91EU

Mark Shaya
sales@agateproducts.co.uk

Procurement codes
Electronics
Materials
Mechanical Engineering
Optics & Photonics
Vacuum & Low Temperature
Allectra Limited

Company profile
Allectra is a leading manufacturer and supplier of High Vacuum and UHV components including custom items. The company was founded in 2002 by two physicist entrepreneurs to bring a new approach to manufacturing high technology components to the scientific instruments market. In the last twenty years Allectra has seen widespread adoption of its proprietary technology across multiple scientific disciplines. Electrical feedthrough range includes Sub-D and Co-axial types alongside cables and accessories, also viewports and hardware. Allectra has three manufacturing facilities with scientific and engineering capabilities, one in the UK and two in Germany, and ships worldwide.

Core competencies
Vacuum connectivity, signals, custom manufacturing of complex projects in high vacuum or UHV. Product range includes electrical feedthroughs and associated cables, KAP301 radiation resistant wires, optics components and Allectra-designed components.

Company size
Small

www.allectra.com
Meridian House, Bluebell Business Estate
Sheffield Park, East Sussex, TN22 3HQ

Kate Rider
sales@allectra.com

Procurement codes
Electrical Engineering & Magnets
Instrumentation
Optics & Photonics
Vacuum & Low Temperature
Alpha Data Parallel Systems Ltd

Company profile
Alpha Data are a leading global supplier of high-performance COTS reconfigurable computer platforms and support software. Products exclusively feature AMD Xilinx FPGAs, SoC and RFSoC, targeted at end applications including: Rugged and Embedded Communications, Sensor Signal Processing, Scientific Instrumentation and High Performance Computing, Space, New Space and Extreme Environments.

Core competencies
FPGA based System Design, Modified-COTS customization.

Company size
Medium

www.alpha-data.com

160 Dundee Street
Edinburgh, EH11 1DQ

sales@alpha-data.com

Procurement codes
Electronics
Alto Marketing Ltd

Company profile
Alto Marketing specialises in business-to-business marketing communications for the science and industry sectors, so we understand your customers. Our business has been built on our team’s enthusiasm and passion for what we do, coupled with in-depth subject knowledge and marketing skills. Our team includes six PhDs and we deliver a range of marketing communications services, dependent on the individual need. Our campaigns influence at each stage of the prospect-to-lead-to-sales process.

Core competencies
SEO review and web content planning/writing; PR and content marketing; Digital marketing; Rich content and collateral; Integrated marketing programme management; Communications consultancy – strategy and planning.

Company size
Small

www.alto-marketing.com
Office 14, Pure Offices, One Port Way
Portsmouth, PO6 4TY

David Robinson
davidr@alto-marketing.com

Procurement codes
Services
AMF Precision Engineering Ltd

Company profile
Subcontract manufacturers of component parts; Assemblies; Welded assemblies.

Capabilities include: CNC machining up to 3M in length, 1M in Diameter; UHV cleaning facility, Class 7 Clean assembly; Welding (including orbital welding); Thermal spraying; Supply chain management.

Core competencies
Manufacture various sectors including: Aerospace; Defence; Semi-conductor; Medical; and Research facilities.

Company size
Small

www.amfengineering.co.uk
Unit 5 The Power Station, Thermal Road Bromborough, Wirral, CH62 4YB
Simon Kirkman
Simonk@amfengineering.co.uk

Procurement codes
Instrumentation
Mechanical Engineering
Optics & Photonics
Vacuum & Low Temperature
Anglia CNC Engineering Ltd

Company profile
A long-established business providing precision manufacturing services to a wide range of industries.

Core competencies
Milling. 3, 4 and 5-axis up to 2000mm x 800mm, Turning up to 350mm diameter x 400mm long.

Company size
Small

www.ace-eng.co.uk
Burrel Road, St.Ives, PE27 3LB
Graham Fenn
sales@ace-eng.co.uk

Procurement codes
Mechanical Engineering
Ansaldo Nuclear Ltd

Company profile
Ansaldo Nuclear is the brand name under which Ansaldo Nucleare S.p.A (Italy) and its fully owned company Ansaldo Nuclear Ltd (UK) operate, acting as a single enterprise that provides an in-house, integrated capability which includes design, engineering, manufacturing, assembly, testing, commissioning, site installation and integrated logistics through-life support of bespoke solutions. These core competencies and capabilities allow Ansaldo Nuclear to offer a broad range of products and services to Nuclear power plants from new build and operational services to decommissioning and waste management. For the UK market only, Ansaldo Nuclear Ltd is also operating in the UK defence sector.

Core competencies
Ansaldo Nuclear Ltd provides a fully integrated capability, which includes design, engineering, manufacture, assembly, testing, commissioning, site installation and through-life support.

Company size
Medium

www.ansaldoenergia.com/AnsaldoNES/home

Spring Road, Wolverhampton, WV4 6JX

Harpreet Birring
harpreet.birring@ansaldonuclear.com

Procurement codes
Civil Engineering & Construction
Engineering Supplies
Mechanical Engineering
Radiation, Chemicals, Gases, Waste Services
**Company profile**

ATC are the UK’s leading manufacturer of recirculating chillers and temperature control products. From off the shelf products to fully bespoke systems, ATC can offer the best cooling solution to your temperature regulation issues. ATC also provide first class after sales service as well as a wide range of options, accessories and heat transfer fluids. Our extensive expertise and design capabilities allow us to develop solutions for each of our customers specific requirements. ATC chillers are supported by quality and professionalism of a global supply and service network.

**Core competencies**

Chillers, heat exchangers, air blast coolers, servicing, installation.

**Company size**

Medium

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**www.app-therm.com**

Unit 39 Hayhill Industrial Estate, Sileby Road, Barrow Upon Soar, LE12 8LD

Matt Aylott
mattaylott@app-therm.com

**Procurement codes**

Instrumentation
Mechanical Engineering
Optics & Photonics
Services
Vacuum & Low Temperature
Aquila Nuclear Engineering Ltd

**Company profile**
Aquila Nuclear Engineering is a wholly owned subsidiary of Cyclife – EDF Group, with offices and workshops in Winchester, Hampshire, UK. Aquila is commercially active in the following six nuclear sectors: Decommissioning and Waste, Plant Life Extension (PLEX), Nuclear Defence, Nuclear Science, Nuclear New Build, Nuclear Medicines.

**Core competencies**
We have many years’ experience in the nuclear and nuclear medicines industry, specialising in Containment, Remote Handling, Shielded Systems, Transport & Packaging, and Equipment Modification.

**Company size**
Medium

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**Aquila House, Hazeley Enterprise Pk, Hazeley Road, Twyford, SO21 1QA**

**Richard Freeman**
rfreeman@aquilaeurope.co.uk

**aquilaeurope.co.uk**

**Procurement codes**
Controls, Handling & Transport
Mechanical Engineering
Other
Artemis Optical

**Company profile**
We create advanced optical film coatings that enable cutting-edge applications in the aerospace, defence and healthcare sectors. Recognised as pioneers in photonics for more than 60 years, our market-leading products help to protect and enhance the lives of people all over the world.

**Company size**
Medium

www.artemis-optical.co.uk/

1 Western Wood Way, Langage Science Park, Plympton, PL7 5BG

Stephen Lees
steve.lees@artemis-optical.co.uk

**Procurement codes**
Optics & Photonics
Atkins SNC-Lavalin

Company profile
Founded in 1911, SNC-Lavalin is a fully integrated professional services and project management company with offices around the world dedicated to engineering a better future for our planet and its people. We create sustainable solutions that connect people, technology and data to design, deliver and operate the most complex projects. We deploy global capabilities locally to our clients and deliver unique end-to-end services across the whole life cycle of an asset, to clients in key strategic sectors such as Engineering Services, Nuclear, Operations & Maintenance and Capital. In 2017, SNC-Lavalin acquired Atkins, one of the world’s most respected design, engineering and project management consultancies.

Company size
Large

www.atkinsglobal.com

Nova North, 11 Bressenden Place
Westminster, London, SW1E 5BY

James Goodenough
james.goodenough@atkinsglobal.com

Procurement codes
Civil Engineering & Construction
Controls, Handling & Transport
ICT
Materials
Mechanical Engineering
Company profile
BIOS IT is an International Research Computing systems integrator & consultancy supplying HPC solutions & services across Big Science, Academia and Research disciplines. Optimise & manufacture enterprise servers, storage & networks for heavy computation workloads in lab environments, visualisation & AI development. Customers engage BIOS IT to create data intensive, scalable platforms on CPU, GPU and FPGA architectures, as well as configuration of file system technologies for real world performance. Integrated & cloud solutions are designed, built & tested by HPC Experts and OpenStack Engineers from UK manufacturing facilities. BIOS IT tailors installation, support & managed services to benefit the world’s largest science projects.

Core competencies
Server design, manufacture, integration and support. Infrastructure for large parallel compute, HPC, big data ingest, extreme latency, AI & deep learning. CPU, GPU, IPU & FPGA. Resilient, scalable storage. Liquid cooling & power efficient solutions.

Company size
Medium

bios-it.com/home.aspx
29 Finsbury Circus, London, EC2M 5QQ
Glenn Rosenberg
sales@bios-it.co.uk

Procurement codes
ICT
Services
Bitwise Ltd

**Company profile**
Bitwise is a provider of high quality software development services to a range of industrial, medical and defence clients. The company is staffed by skilled consultants and engineers based at its headquarters near Edinburgh. Having invested in a safety-critical software toolset Bitwise are well prepared to deliver high quality software. Developing safe solutions with a significant software component is difficult and requires an understanding of overall system safety and derived safe software requirements. ISO 9001, 27001 and IEC 13485 accreditations. Working to IEC 61508 and ISO 26262 safety standards. 30 year proven track record of delivering on time and to budget.

**Core competencies**
Full Software Development Project lifecycle. Real time embedded software to server based, high availability applications. Automated testing and full documentation set in support of regulatory approvals. Client ownership of Intellectual Property.

**Company size**
Medium

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**Procurement codes**
Electronics
ICT
Services

www.bitwisegroup.com

Carnegie Campus
Dunfermline, KY11 8GR

Gavin Edgar
contacts@bitwisegroup.com
Company profile
Boyd Technologies Ashington UK Ltd are experts in thermal management for electronics applications and offer in-house design, manufacture and test of thermal technologies including ammonia & copper water heat pipes, high conductivity encapsulated graphite spreaders and liquid cold plates.

Seeking partners who have a need for thermal engineering solutions within the electronics subassemblies of systems and components for Defence, Space & Aerospace.

Core competencies
Engineering Services; Design & Contract R & D; Thermal, Fluid, Material, and Structural Analysis, Prototype Fabrication; Prototype & Qualification Testing.

Company size
Large

www.boydcorp.com

Unit 12, Wansbeck Business Park
Ashington, NE63 8QW

Mark Small
mark.small@boydcorp.com

Procurement codes
Mechanical Engineering Services
Other
Calder Industrial Materials Ltd

**Company profile**
Calder Industrial Materials Ltd is the UK’s leading designer, manufacturer and installer of radiation shielding components. Based in Chester we supply to the UK’s healthcare, defence, new nuclear power generation, nuclear decommissioning, research and industrial sectors. We work closely with our customers to turn their concepts into precision manufactured components to meet their shielding requirements.

**Core competencies**
Radiation shielding.

**Company size**
Medium

**Procurement codes**
- Materials
- Mechanical Engineering
- Radiation, Chemicals, Gases, Waste

**www.calderlead.co.uk**

Jupiter Drive, Chester, CH1 4EX

Andy Carr
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Centronic Ltd

Company profile
Centronic is one of the world’s leading manufacturers of radiation detectors, having been established in 1945, specialising in the design, manufacture, testing and development of radiation detectors. We offer a unique combination of capabilities and, we believe, the widest variety of detectors of any manufacturer. Our customers bring us their most challenging requirements from their most demanding markets including nuclear, defence, industrial, research, oil and gas and medical applications.

Core competencies
We are a privately owned company operating from an integrated site in Croydon, South London, UK where our capabilities include design, prototyping, full-scale in-house manufacturing and test.

Company size
Medium

www.centronic.co.uk

267 King Henry’s Drive
Croydon, CR9 0BG

Kate J Fairweather
kfairweather@centronic.co.uk

Procurement codes
Mechanical Engineering
Microwave & Radiofrequency
Optics & Photonics
Radiation, Chemicals, Gases, Waste
Other
Cerberus Nuclear Ltd

Company profile
Cerberus Nuclear was created to approach technical consultancy with an emphasis on creativity and innovation. We bring together highly specialist skills and industry-wide experience to offer comprehensive Radiation Shielding, Criticality Safety, Nuclear Characterisation, Data Science and Software Development services for Nuclear, Medical, Research and Defence sectors.

Core competencies
Radiation Shielding, Criticality Safety, Nuclear Characterisation, Machine Learning & Data Science.

Company size
Small

cerberusnuclear.com
Lovell House, Maxwell Street, Birchwood Park
Warrington, WA3 6FW
nuclear@cerberusnuclear.com

Procurement codes
Radiation, Chemicals, Gases, Waste Services
Critical Software Technologies Ltd

Company profile
Founded in 1998, Critical Software is an international technology company providing trusted solutions and services for safety, mission and business-critical information systems, meeting the most demanding standards for software safety and performance. Critical Software acts in the domains of aerospace, railway, industry and automation, energy, medical devices, Space and Big Science with a heritage of over 30+ ESA space missions and currently working with ESA, ESO, SKA and ITER.

Core competencies
1. Embedded Software Engineering,
2. Downstream & Infrastructures Distributed Control and Data Acquisition Software Engineering,
3. Safety-Critical Verification and Validation, ISVV, AIT support and V&V support.

Company size
Large

criticalsoftware.com
4 Benham Road,
Southampton Science Park, Chilworth,
Southampton, S016 7QJ

Rodrigo Pascoal
rodrigo.pascoal@criticalsoftware.com

Procurement codes
ICT
Instrumentation
Company profile
Croft Additive Manufacturing Ltd specialises in additive manufacture (AM: 3D printing) of complex metal components. The component is built, layer by layer, which delivers design freedoms enabling added value such as improved performance, light weighting, multi-part to single part and supply chain value. Croft has delivered prototypes, low volume production runs, sets of parts, complex parts, tooling, as well as delivering cost savings to customers through decreased lead times and the production of parts without tooling. We have supplied to food and beverage, pharmaceutical, bespoke manufacturers, oil and gas, chemical, motorsport, aerospace, research and other industries. Croft specialises in the design of bespoke industrial AM filters.

Core competencies
Metal Additive Manufacturing. Metal 3D printing. AM filters.

Company size
Micro

www.croftam.co.uk

Unit T1, Taylor Business Park, Risley Warrington, WA3 6BL

Neil Burns
sales@croftam.co.uk

Procurement codes
Mechanical Engineering Services Other
Croft Associates Ltd

Company profile
Croft Associates (Croft) provide a broad range of specialist services including design, testing, licensing, supply and maintenance of transport packagings for radioactive material compliant with International Atomic Energy Agency (IAEA) SSR-6 Regulations and 10 CFR 71 subpart H for our US approved designs. We have been designing, testing, licensing and manufacturing transport packages of all types of packagings, (IP, Type A and Type B) for over 40 years and are recognised as a Design Authority by regulators and accepted as a Competent Authority for IP-2 and Type A packages by ONR and the US NRC. Croft provides full through life service and support, including supply of OEM spares, maintenance and repair and relicensing of packaging designs.

Core competencies
Our core competencies include prototype design development, design, analysis, prototype testing and substantiation, manufacture and licensing of packagings for the safe transport, storage and disposal of radioactive materials.

Company size
Small

www.croftltd.com
F4 Culham Science Centre
Abingdon, Oxfordshire, OX14 3DB
info@croftltd.com

Procurement codes
Mechanical Engineering
Radiation, Chemicals, Gases, Waste Services
Vacuum & Low Temperature
Croft Filters Ltd

Company profile
Croft Filters are a UK manufacturer who supply custom filtration solutions to industrial sectors worldwide. For over 36 years, Croft has supplied industries including: Chemical, Oil and Gas, Pharmaceutical, Energy, Food and Beverage and Aerospace, amongst others. Typical product types include: basket strainers, cone and cylinder filters as well as screen filters. Products can be manufactured in perforated plate and wire mesh or wedge wire. Quality product and service has been the key to Croft’s success; the company takes great pride in understanding their customer’s needs, quickly supplying them with a high quality product manufactured to perform in the most challenging environments.

Core competencies
Croft are ISO:9001 certified and has a range of in-house capabilities, including: laser cutting, punching and specialised welding equipment. Croft also specialises in Additive Manufacturing (3D metal printing) and can deliver industrial end-use parts.

Company size
Small

www.filters.co.uk

2 Beech Court, Taylor Business Park
Risley, Warrington, WA3 6BL

sales@filters.co.uk

Procurement codes
Civil Engineering & Construction
Engineering Supplies
Instrumentation
Mechanical Engineering
Radiation, Chemicals, Gases, Waste
DM Engineering

Company profile
DM Engineering Ltd is a family run precision engineering company based in Maryport, Cumbria. We are ISO 9001 accredited and our team of highly skilled engineers enable us to offer a wide range of mechanical engineering services to all our customers. Our reliable service and emphasis on maintaining high standards has enabled us to become an established supplier within Cumbria’s Nuclear and the Renewable Energy supply chains.

Core competencies
1. CNC Machining - Manufacture precision components using CAD/CAM software.
2. Mechanical Fitting Services - Assembly of trial builds and mock ups in our workshop.
3. Precision Grinding

Company size
Micro

dmengineering.co.uk
Unit 15 Maryport Business Centre
Maryport, CA15 6JN

Darren Martin
darren@dmengineering.co.uk

Procurement codes
Engineering Supplies
Mechanical Engineering Services
Doosan Babcock

Company profile
Doosan Babcock has a 70-year heritage in Nuclear, transforming from a boiler OEM into a supplier of specialist services and equipment supply, supporting both existing and new build power plants. From Calderhall in 1956, to the next generation of fission and fusion power plants, we have developed a strong heritage of specialist services to the nuclear industry. We provide a range of services from the supply of Nuclear Pressure Equipment, provision of specialist welding development, manufacture of construction tooling and NDT services. Through the deployment of our engineering capabilities and inhouse facilities, Doosan Babcock specialise in developing bespoke solutions to match the exacting needs of our customers.

Company size
Large

www.doosanbabcock.com

Porterfield Road, Renfrew
PA4 8DJ

Fraser Wood
Fraser.wood@doosan.com

Procurement codes
Civil Engineering & Construction
Engineering Supplies
Mechanical Engineering
Services
Other
Durham Sheet Metal Works Ltd
t/a DSM Fabrications

Company profile
Established in 1955 we are a privately owned subcontract metal fabricator based in South Shields, UK, who have supplied STFC with various fabrications over the past 15 years. We have previously supplied fabrications for ISIS and T2K experiments and are currently fabricating the stainless steel APA frames for DUNE.

Core competencies
Fabrication & Welding.

Company size
Small

www.durhamsheetmetal.co.uk
Progress House, Templetown
South Shields, NE33 5TE

David Gracie
david@durhamsheetmetal.co.uk

Procurement codes
Mechanical Engineering
Eave

Company profile
Eave intelligent noise control system – the total solution for managing workplace noise. Our system is a combination of smart ear defenders that protect wearers hearing, whilst giving complete situational awareness at the same time, collecting and transmitting noise data to our online platform Peak for analysis. Creating safer workplaces – helping you maintain a safe and productive work environment using advanced hearing protection and noise analytics.

Core competencies
Engineering, data science, occupational health, risk management.

Company size
Small

www.eave.io
145 City Road
London, EC1V 1AW

David Greenberg
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Procurement codes
Civil Engineering & Construction
Electronics
ICT
Instrumentation
Services
Company profile
Established in 1966 to provide an offload / support EB welding service to Rolls Royce Plc. TIG welding was the next process to be added to EBP’s skills matrix and not long after that, X-Ray and Dye Penetrant Inspection were added to compliment the two welding services. Fast forward to 2022, EBP now have 4 electron beam welding machines, all different in size. The TIG welding facility now has automated welding, the NDT department has added Computed Radiography. We now have a machining capability which encompasses 3, 4 & 5 axis milling and a number of mill / turn machines. CNC co-ordinate measuring machines are the basis of our inspection department. We are a AS9100 Rev D accredited company.

Core competencies
Electron Beam Welding – with the ability to weld up to a depth of 50mm in materials such as titanium, nickel and cobalt alloys, aluminium, copper, stainless steels and welding dissimilar materials together.

Company size
Medium

www.ebpglobal.com

Unit 4, Octimum, Woking, GU21 5SF

Adrian Pragnell
info@ebpglobal.com

Procurement codes
ICT
Instrumentation
Mechanical Engineering
**Elite Electronic Systems**

**Company profile**

**Core competencies**

**Company size**
Large

**www.elitees.com**
Lackaboy Industrial Estate
Enniskillen, BT74 4RL

Jonathan Balfour
info@elitees.com

**Procurement codes**
Electronics
Elite Material Solutions Ltd

Company profile
Refractory metals and finished components. Tantalum, Niobium, Tungsten, Molybdenum and their alloys. Producing to customers drawings and R&D project work and consultation.

Core competencies
Engineering consultancy, metallurgical resource and consultancy, difficult, supply chain management projects.

Company size
Medium

www.elitematerial.com
17 Hayman Rise, Grange Farm Milton Keynes, MK8 0ND

Dale Gwinnutt
Managing Director
Info@elitematerial.com

Procurement codes
Materials
Mechanical Engineering
Equitus Design Engineering and Innovations Ltd

Company profile
Design, Engineering and Innovation services, focused on product, process, and industrial design, engineering capabilities, and sustainability driven innovation.

Core competencies
3D modelling & CAD, FEA, CFD, Design for Manufacture, assessments to standards, independent 3rd party assessments, certification support thru Lloyds, BV, DNV etc, and Ingress Protection, IECEX ATEX compliance.

Company size
Micro

equitusworld.com
3rd Floor, The White Chapel Building, London, E1 8QS
Equitus
hello@equitusworld.com

Procurement codes
Electronics
ICT
Materials
Mechanical Engineering
Services
Exception PCB

Company profile
Exception PCB Ltd is a European leader in time critical and technology driven printed circuit board manufacture. Specialists in quick-turn, high density interconnection (HDI) solutions for a wide range of market sectors. Our technical and production skills and experience combined with fast turnaround capability, has made Exception PCB the ideal partner of choice for customers requiring prototype, new product introduction (NPI) and low to medium volumes.

Core competencies
1 to 36 layers – std single lamination multilayers HDI & SBU (microvia/blind/buried/) Flex & Flex-Rigid RF applications Higher Copper Weights (power applications).

Company size
Medium

www.eXceptionPCB.com
Alexandra Way, Ashchurch Business Centre Tewkesbury, GL20 8NB

Mostefa Abdali
mostefa.abdali@exceptionpcb.com

Procurement codes
Electronics
Other
Explosive Learning Solutions Ltd

Company profile
ELS is an authorised Vocational Education Training (VET) provider for a number of national and international accreditation organisations including The Institute of Leadership and Management (ILM), Association of Project Management (APM), APMG International (APM Group), PeopleCert (Axelos), City & Guilds of London Institute, Chartered Institute of Procurement & Supply (CIPS) and Skills for Justice (SfJ). We have recently become an ofqual accredited End Point Assessment organisation for a variety of standards. Bespoke commercial and soft skill training are also available.

Core competencies
ELS provides a variety of accredited and bespoke courses designed, developed and trained by experienced, qualified subject matter experts who listen to our client’s requirements and work with them to achieve and deliver innovative training solutions.

Company size
Small

www.elsbusinesstraining.co.uk

4 The Terraces, Library Avenue, Harwell Campus, Didcot, OX11 0SG

Trish Hedges
info@explosivelearningsolutions.com

Procurement codes
Services
ExVeritas Ltd

Company profile
ExVeritas specialise in Explosive Atmosphere Safety. We are an Appointed Body for UKCA Ex, an ATEX Notified Body and IECEX Certification Body and Test Laboratory. All of our Certification is internationally recognised, and we also issue Quality System certification including UKAS ISO9001. For sites and end users we offer explosion safety consultancy including DSEAR and ATEX Regulations. We specialise in subject areas such as Area Classification, Ex inspection and Inspection Management Software. We also train and qualify people globally with CompEx Certification as well as specialist and bespoke training.

Core competencies
Explosion safety, ATEX, UKCA, risk assessment, area classification, ATEX 153, DSEAR, CompEx, training.

Company size
Small

www.exveritas.com
Unit 18, Wrexham, LL13 9UZ
Sean Clarke
s.clarke@exveritas.com

Procurement codes
Services
Faraday Motion Controls Ltd

**Company profile**
Faraday Motion Controls is an innovative market leader in very high precision motion control using all types of motor, amplifier and sensor technology to push the technological boundaries to ever greater achievements. We engage in some of the most technically demanding motion control requirements ranging from robotic self driving cars, Aerospace production and non destructive testing machines to Beam control systems in Fusion reactors, synchrotron light sources, Free Electron Lasers and Neutron Spallation sources. In house we support most of the technical design elements that are incorporated into our products utilising the most up to date design tools available.

**Core competencies**
Design, Manufacture, market and technically support high precision motion control systems.

**Company size**
Micro

www.faradaymotioncontrols.co.uk

18 Faraday Close, Clacton on Sea
CO15 4TR

Andy Joslin
andy.joslin@faradaymotioncontrols.co.uk

**Procurement codes**
Controls, Handling & Transport
Electronics
Instrumentation
Lab & Office Equipment & Supplies
Firstco

Company profile
Firstco are a London-based systems engineering company, specialising in mission-critical control and communication systems within transportation environments. We use PLCs to integrate multiple sub-systems such as CCTV, Networking, PA/VA, Telephony, Fire Alarms, Utilities and create a single SCADA interface to control and monitor these systems. We have worked globally in the airport, rail, road, marine and automation sectors and have delivered flagship projects for clients such as Heathrow Airport, Transport for London, Stansted Airport and other international transport operators.

Core competencies
Supervisory Control and Data Acquisition (SCADA), Programmable Logic Controllers (PLCs), Remote Terminal Units (RTUs), Programmable Automation Controller (PAC), Building Management Systems (BMS), Internet of Things (IoT), Networking.

Company size
Small

www.firstco.uk.com
4 Celbridge Mews, London, EW2 6EU

Engineering and Design Team
ecc@firstco.uk.com

Procurement codes
Controls, Handling & Transport
Electrical Engineering & Magnets
Engineering Supplies
ICT
Services
FMB Oxford Ltd

Company profile
FMB Oxford is a recognised and established leader in the supply of beamlines, components and equipment to the scientific community, specialising in the design, assembly, test, installation and commissioning of the high value systems. With over 25 years’ experience in the global synchrotron industry, FMB has built an extensive product range and continues to work with its customers and other experts in the community to expand and develop this range to provide new solutions capable of supporting the increasing demands of the science. Continual investment in new production, test and design facilities, together with the recruitment and development of key staff, ensures that FMB Oxford remains at the forefront of high technology applications.

Core competencies
Mechanical design and analysis, high tolerance manufacturing, assembly and metrology, high vacuum and low temperature equipment manufacture.

Company size
Small

www.fmb-oxford.com
Units 1-4 Ferry Mills, Osney Mead Oxford, OX2 0ES
sales@fmb-oxford.com

Procurement codes
Electronics
Instrumentation
Mechanical Engineering
Optics & Photonics
Vacuum & Low Temperature
Frazer Nash

Company profile
We specialise in the manufacture of precision engineered components, parts and assemblies for customers in the most demanding sectors of industry, from scientific discovery to space exploration. We offer a fast response to each customer, bringing a unique combination of skills, experience and engineering know-how to every project – it’s a combination that ensures we deliver unrivalled value time after time.

Core competencies
Low volume, fast response engineering excellence.

Company size
Small

www.frazernash.com

20:20 Vision Park, Bedford Road
Petersfield, GU32 3FG

Claire Law
claire.law@frazernash.com

Procurement codes
Mechanical Engineering
Other
Gencoa Ltd

Company profile
Gencoa is a customer-focussed company providing expert solutions for the vacuum coating sector throughout the world. For over 25 years, Gencoa has been perfecting its range of magnetron sputter cathodes and plasma deposition components, in addition to the introduction of process control and sensing products.

Core competencies
Manufacture of magnetron cathodes for PVD applications.

Company size
Small

www.gencoa.com

4 De Havilland Drive, Liverpool
L24 8RN

Erik Cox
erik.cox@gencoa.com

Procurement codes
Electrical Engineering & Magnets
Electronics
Materials
Vacuum & Low Temperature
Goodfellow Cambridge Ltd

Company profile
Goodfellow was established in London in 1946, since then we’ve grown our operations across France, Germany, the USA and China. We are a specialist supplier of high-quality metals, alloys, ceramics, polymers and other materials, for research, development and specialist production within science and industry worldwide.

Core competencies
Extensive range of over 70,000 Catalogue products. Free delivery within 48 hours. Bespoke requests. ISO 9001 quality accreditation.

Company size
Medium

www.goodfellow.com

Ermine Business Park
Huntingdon, PE29 6WR

Russell Polson
info@goodfellow.com

Procurement codes
Electrical Engineering & Magnets
Materials
Mechanical Engineering
Vacuum & Low Temperature
Other
Gow’s Lybster Ltd

Company profile
Gow’s Lybster Ltd, an engineering and fabrication company based in the North of Scotland, supply a wide range of bespoke products and services to the Nuclear Decommissioning, North Sea Oil and Gas and the developing Renewable energy and infrastructure sectors of industry.

Core competencies

Company size
Small

www.gows.co.uk
Scaraben House, Hillhead Lybster, KW3 6AS
Sandra Gow
info@gows.co.uk

Procurement codes
Mechanical Engineering
GRE Ltd

Company profile
GRE specialises in the design and manufacture of customised cooling solutions for businesses across the globe, in a vast array of applications and environments. Our specialist areas are cryogenics (full ‘turnkey’ cooling systems and cryogenic fluid transfer lines), vacuum services, process and ultra-pure (deionised) water cooling. GRE’s systems can be found in applications including nuclear fusion, solar panel production, advanced technology for satellite development, and advanced radiotherapy systems. Our (cryogenic cooling and transfer lines, deionised water and process cooling) equipment working in organisations such as ESS, CERN, XFEL, STFC – CLF, RAL Space, CCFE and Diamond Light Source, to name but a few.

Core competencies
Cryogenic cooling systems, Cryogenic fluid Transfer Lines, Ultra-pure water (deionised) cooling systems.

Company size
Small

www.gre-ltd.com

Unit 1-2, Highmount Court,
Four Cross Avenue
Cullompton, EX15 2FB

Stephen Alford
stevea@gre-ltd.com

Procurement codes
Electrical Engineering & Magnets
Mechanical Engineering
Optics & Photonics
Vacuum & Low Temperature
Hiden Analytical Ltd

Company profile
2022 marks Hiden Analytical’s 40th year of continuous and independent operation in the field of mass spectrometry. Driven by customer and application focussed innovation, a unique and successful company culture and exemplary worldwide reputation has been gained. Now employing a talented staff of over 120 scientists, engineers, technicians and operations specialists at its UK headquarters, Hiden continues to go from strength to strength.

Core competencies
Systems for precision gas analysis for real time, multiple gas/vapour analysis. Plasma diagnostics by direct measurement of plasma ions and ion energies. SIMS instruments for UHV surface science. Range of micro furnace reactors for catalyst research.

Company size
Medium

www.HidenAnalytical.com
420 Europa Boulevard
Warrington, WA5 7UN
info@hiden.co.uk

Procurement codes
Instrumentation
Vacuum & Low Temperature
Company profile
Hone-All specialise in deep hole boring, deep hole drilling, CNC turning and CNC honing. With 9100 & 9001 approvals and a wide range of customer approvals, we are the specialists in the manufacture of tubular components. We provide industry with a complete service to meet their manufacturing needs - from sourcing raw materials to producing finish machined components up to 3 metres long. As all procedures are carried out within our own facilities, we continuously improve controls over cost, quality, and lead time, ensuring we can offer competitive rates, and a faster, more efficient service that not only meets, but exceeds, your production demands.

Core competencies
The manufacture of complex tubular components utilising the latest in deep hole boring, deep hole drilling, gundrilling, CNC honing and CNC turning technology.

Company size
Small

www.hone-all.co.uk
Unit 4, Cherrycourt Way
Leighton Buzzard, LU7 4UH

Andrea Wilson
sales@hone-all.co.uk

Procurement codes
Mechanical Engineering
Company profile
Our heritage rests with the production and maintenance of specialist hardware to be found within complex scientific instrumentation. We manufacture build-to-print, and bespoke, precision-engineered components, electro-mechanical assemblies, and hybrid fusions of mixed technologies and materials. Operating CNC and lapping machinery, we also offer metal-working and welding solutions. Our fields of professional interest extend into electronics, electro-magnetic assemblies, high-vacuum constructions and most other multifaceted engineering requirements demanded of industrial scientific research and production. Whilst striving to meet our Industry 4.0 objectives, we are also ISO 9001 and Cyber Essentials accredited. We engineer for science.

Core competencies
Experienced team of problem-solving engineers from the scientific community. Consistent exposure and support to a global community of instrument end-users. Flexible service contract relationships that extend into the decades.

Company size
Small

www.i4cnc.com
16 Bentinck Street
Ashton-Under-Lyne, OL7 0PT
Damon Moran
hello@i4cnc.com

Procurement codes
Electrical Engineering & Magnets
Engineering Supplies
Lab & Office Equipment & Supplies
Mechanical Engineering
Vacuum & Low Temperature
ImageStore Ltd

**Company profile**
IT data storage specialists supplying Tape Storage, backup appliances (deduplication and disaster recovery), Surveillance and Security servers. Switches and UPS units. Backup and Archive Software (and Cloud options). Along with the media and consumables.

**Core competencies**
Nearly 30 years of experience within the Data Storage market. We can supply and work with most manufacturers in this marketplace. Fully hands on in this ever changing marketplace and current environment.

**Company size**
Micro

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**www.imagestore.co.uk**

S3 Kingfisher House, Rownhams Lane
Southampton, S0529LP

**Procurement codes**
ICT

**Andy Humphrey**
andy@imagestore.co.uk
Innovative Physics

Company profile
Innovative Physics (IPL) provides intelligent solutions to complex problems across multiple markets using its expertise in Artificial Intelligence, sensor technologies and novel integration/deployment techniques. Experienced in offering flexible solutions in a number of ways to the company’s customers and collaborators IPL has built up a substantial number of partnerships across the globe with representatives in Asia, USA and Europe. IPL works in markets including Civil Nuclear, Homeland Security/Defence, Environmental Protection, CBRNe, Oil & Gas and Medical.

Core competencies
Radiation Detectors, Artificial Intelligence, Machine Learning, Data Fusion.

Company size
Small

www.inphys.com
Landguard Manor, Shanklin, PO37 7JB
Victoria Anderson-Matthew
v.anderson-matthew@inphys.com

Procurement codes
Instrumentation
Other
Insitu Digital

**Company profile**
We are an international team of creatives, producers, and scientists. We’re on a mission to help people be better at what they do. We build smarter learning experiences for visionary organisations all around the world. We create learning programmes and communication campaigns inspired by your workforce, driven by their needs, and in support of your organisation’s goals. We work on big challenges with a custom-made approach. We are very comfortable working across all aspects of the development process, from high level strategy to low-level design. Our purpose is to reach your learners and transform your organisation through exceptional educational experiences, driving performance in any language.

**Core competencies**
Our specialisms are digital learning strategy and design, e-learning development, video production and interactive video.

**Company size**
Small

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**Insitu**
**Smarter Learning**

insitu.digital

33 Foley Street, London, W1W 7TL

Thomas Delfs
thomas@insitu.digital

**Procurement codes**
Services
Interface Precision Engineering Ltd

Company profile
Interface Precision Engineering Ltd is a sub contract engineering company based in Hastings, East Sussex. IPEL has gained a reputation for supplying precision machined, fabricated, and pressed components to sectors such as Science, Oil & Gas, Aerospace and Automotive. Being situated in a very Science heavy manufacturing region of the UK, IPEL’s unrivalled reputation has been built around our ability to produce high quality machined components, be it a one off prototype or large batch production runs. IPEL manufactures fabrications and machined components, in materials from Aluminium, Steels, Exotics, Niobium, Tantalum, Molybdenum, Titanium etc. Copper, Brass, Plastics, PTFE, Nylon Acetyl etc, and ceramics.

Core competencies
CNC Machining, Vacuum Machining, Vacuum Fabrications, CMM Inspection, Exotic Material Machining, Sheet Metal Fabrication, Powder Coating, PCB Board Assemblies, Cable Assembly, Electro-Mechanical Assembly.

Company size
Small

www.interface-precision.com

23-24 Brunel Rd, Churchill Industrial Estate
St. Leonards-on-Sea, East Sussex
TN38 9RT

Jamie Rhodes
jamie.rhodes@interface-precision.com

Procurement codes
Electronics
Mechanical Engineering
Vacuum & Low Temperature
IO-LABS-UK Ltd

Company profile
Firmware and software services, specialising in real-time AI systems.

Core competencies
FPGA, DPS, HPC.

Company size
Micro

www.iolabs.ai

8 Jubilee Terrace, Oxford, OX1 4LN

Kristian Zarb-Adami

Procurement codes
Electronics
ICT
Instrumentation
Microwave & Radiofrequency
IS4 Cryogenics Ltd

Company profile
IS4 Cryogenics Ltd are a UK company based in Didcot, Oxfordshire with over 30 years of experience within the Cryogenic Industry. We specialize in Gas detection equipment and Cryogenic control systems from pipeline control to Bio storage freezers. We offer our services throughout Europe with a focused and friendly approach delivering on time to a professional standard.

Company size
Small

www.is4cryogenics.com

Gooch Drive, Southmead Industrial Estate, Didcot, OX11 7PR
Sales@is4cryogenics.com

Procurement codes
Electronics
Vacuum & Low Temperature
I.T. Dev Ltd

Company profile
ITDev are a UK based embedded product development consultancy. Our services cover: technology consultancy, product development and design services. Guiding you on technology choices, design architecture and approach, enabling you to make the best decisions. Supporting you to overcome your product development challenges and risks. Helping you navigate the product development process. Providing you access to the expertise to design and implement your products and solutions, in software and electronics engineering. With over 20 years’ experience in a variety of markets, you benefit from shared sector knowledge, including aerospace, broadcast, consumer, IoT, medical, ProAv, rail, telecommunications, and space. Experiences in Big Science include working on the SKA project.

Core competencies
Embedded product design, including software and electronics.

Company size
Small

www.itdev.co.uk
Kenneth Dibben House, Enterprise Road
Southampton, S016 7NS

Jon Older
sales@itdev.co.uk

Procurement codes
Electronics
ICT
Services
Other
Jacarem

**Company profile**
Jacarem have a wide range of specialist products including hermetic D-Sub Feedthroughs, Sealed BNC, SMA, RJ45, USB Feedthroughs, Vacuum Flanges and sealed wire and cable feedthroughs. We also have UHV Vacuum components, Vacuum Valves and Vacuum and Optical viewports. In addition, we are distributors for brands such as Erni, Positronic and Conec, so we can offer D-type connectors, Power connectors and M8/M12 connectors amongst many other products. For custom cable assemblies we have an in house production team who are on hand to work with your engineers to specify, design, manufacture and deliver your custom requirements.

**Core competencies**
Vacuum Flanges, Hermetically Sealed Feedthroughs, UHV Vacuum components, Cable Assemblies, Mil-spec connectors.

**Company size**
Small

www.jacarem.co.uk
Bolts Hill, Chartham, CT4 7JZ
sales@jacarem.co.uk

**Procurement codes**
Electronics
Instrumentation
Mechanical Engineering
Optics & Photonics
Vacuum & Low Temperature
Jackweld Ltd

Company profile
Metal and Metallurgical Manufacturing processes.

Core competencies
Machine design build commission, process development.

Company size
Small

www.jackweld.co.uk
Bolts Hill, Chartham, CT4 7JZ
Stuart Jackman
s.jackman@jackweld.co.uk

Procurement codes
Instrumentation
Materials
Mechanical Engineering
Jacobs

Company profile
From offices in more than 40 countries, Jacobs provides a full spectrum of professional services covering research and development through operations and maintenance to decommissioning and repurposing for the government and private sector.

Core competencies
Our services include all engineering disciplines, cyber security, sustainability and the environment, programme management, consulting, technical, scientific and project delivery.

Company size
Large

www.jacobs.com

305 Bridgewater Place, Birchwood Park Warrington, WA3 6XG

Stuart Codling

Procurement codes
Civil Engineering & Construction Controls, Handling & Transport Instrumentation Mechanical Engineering Radiation, Chemicals, Gases, Waste
James Fisher Nuclear Ltd

Company profile
James Fisher Nuclear Ltd (JFN) core capabilities include the design through to commissioning of Reactor Segmentation Solutions, Robotic and Remote Handling Systems, Submersible ROVs, and Remote Inspection and Material Sampling Equipment; delivered to the UK’s NDA Estate, EDF’s current operating graphite-moderated reactors (AGRs), and to the International Nuclear Sector. JFN is configured either to operate as an equipment supplier or to act as Prime (EPC) Contractor. We are Magnox’s lead on their Steam Generating Heavy Water Reactor (SGHWR) project, which is the first remediation of a commercial reactor, and the largest reactor segmentation challenge yet undertaken, in the UK.

Core competencies

Company size
Large

James Fisher
Nuclear

www.jfnl.co.uk

Gordon House, Sceptre Way
Bamber Bridge, PR5 6AW

Dan Evans
contactus@jfnl.co.uk

Procurement codes
Controls, Handling & Transport
Electrical Engineering & Magnets
Instrumentation
Mechanical Engineering
Radiation, Chemicals, Gases, Waste
JCS Nuclear Solutions

Company profile
John Caunt Scientific Ltd., now operating as JCS Nuclear Solutions, has been providing nuclear radiation sensing shielding solutions since 1975. With a strong reputation for quality, service and support, and a long-standing history in key nuclear sectors. JCS is organised into 3 key business areas: product development; supplying specialist radiation measurement instrumentation; and distribution of partner suppliers. JCS is active in all nuclear and research industries in the UK and works with specialist partners to extend our offering around the world.

Core competencies
Providing nuclear radiation sensing and shielding solutions.

Company size
Micro

www.johncaunt.com
Europa House, Bury, BL9 5BT
Oliver Caunt
oliver@johncaunt.com

Procurement codes
Electronics
Instrumentation
Materials
Radiation, Chemicals, Gases, Waste
Konecranes Demag UK Ltd

Company profile
Konecranes is a world-leading group of Lifting Businesses™, serving a broad range of customers, including manufacturing and process industries, shipyards, ports and terminals. Regardless of your lifting needs, Konecranes is committed to providing you with lifting equipment and services that increase the value and effectiveness of your business. The Konecranes organisation brings our expertise in providing cranes for facilities worldwide combined with our experience in providing cost effective designs with shorter delivery periods using our state of the art COTS crane components. Our extensive service network services all makes and models of material handling equipment worldwide to support all industries including Nuclear.

Core competencies
OEM - products include design/ manufacture/installation and commissioning of overhead travelling cranes, gantry goliath cranes, portal jib cranes, mobile harbour cranes, wheel sets and drives, hoists.

Company size
Medium

www.konecranes.com/industries/nuclear

Ashby de la Zouch, LE65 1NF

Mark Bidwell
mark.bidwell@konecranes.com

Procurement codes
Controls, Handling & Transport
Mechanical Engineering
KUKA Systems UK Ltd

Company profile
Design, manufacture, build and test of Robotic Automation systems for a variety of Industries.

Core competencies
Robotic Automation.

Company size
Large

www.kuka.com
Hereward Rise, West Midlands, B62 8AN

Dave Burns
dave.burns@kuka.com

Procurement codes
Engineering Supplies
Materials
Company profile
The Kurt J. Lesker Company is a leader in the design and manufacturing of vacuum technology solutions for research and production applications. From the simplest components and fittings to intricate vacuum chambers and precision computer-controlled deposition systems, our company works with you to devise sound, economical solutions for all of your vacuum science needs. We have offices and warehouses across the globe – visit our website for more information: www.lesker.com

Core competencies
Global provider of high-quality vacuum products & systems; experienced vacuum experts; quality products; ISO 9001 certified; excellent customer service; expert manufacturer of vacuum chambers & systems; Ecommerce website for secure online ordering.

Company size
Medium

www.lesker.com

Austin House, Sidney Little Road,
Churchfields Industrial Estate
St. Leonards-on-Sea, TN38 9PU
emeiasales@lesker.com

Procurement codes
Lab & Office Equipment & Supplies
Materials
Mechanical Engineering
Optics & Photonics
Vacuum & Low Temperature
Laser 2000 UK Ltd

Company profile
Laser 2000 is a value added reseller of Photonics and Networks solutions, for research and industry. Laser & optical components, motorised stages, laser safety, camera, fibre optic cables, switches, test & measurement equipment.

Company size
Small

www.laser2000.co.uk

Unit 9 Avro Court, Ermine Business Park
Huntingdon, PE29 6XS

sales@laser2000.co.uk

Procurement codes
ICT
Instrumentation
Lab & Office Equipment & Supplies
Optics & Photonics
Laser Prototypes (Europe) Ltd

Company profile
Laser Prototypes is a 3D Printing Additive Manufacturing company. We offer short production runs and prototypes in metal and plastic using Stereolithography (SLA) Selective Laser Sintering (SLS) Direct Metal Laser Sintering (DMLS) Vacuum casting 5 Axis CNC and EDM In House Furness for Heat Treatments First Article Inspection and CofC offered on Metal Additive parts. Established over 30 years ago the company operates from purpose built facilities in N.Ireland, LPE have developed production control procedures for qualifying metal additive parts in Titanium, Aluminium, Stainless Steel and Inconel and are ISO 9001:2008 and ISO 13485:2003 certified.

Core competencies
Additive Manufacturing, 3D Printing, Thermal Simulation, Qualification of AM parts, Heat Treatment, FAI and quality control.

Company size
Small

www.laserproto.com

4 Prince Regent Rd, BT5 6QR

Campbell Evans
sales@laserproto.com

Procurement codes
Mechanical Engineering Services Other
LEDsynergy (Displays) Ltd

Company profile
Electronic Message Display Systems are now a part of everyday life, from Full Colour Information and Advertising Boards, Production Monitoring and Safety Displays to Transport Signs, Retail and Video Scoreboards. Modern technology and latest manufacturing capabilities have produced displays that are extremely cost conscious as well as being high quality. LEDsynergy have been installing displays for more than 40 years and their LED Display Systems are probably the most advanced available and can convey vast amounts of information with high brightness LED characters in Full-colour, housed in standard or bespoke casings the displays can be simply controlled by many communications methods.

Core competencies
LED Electronic Displays for business and industry, entertainment and sports, education, medical and advertising. Video screens, text information display.

Company size
Small

www.ledsynergy.co.uk

Synergy House, Magellan Close
Andover, SP10 5NT

Jeremy Harwood
sales@ledsynergy.co.uk

Procurement codes
Electronics
ICT
Other
Light Coatings Ltd

Company profile
Supporting industry with technology, prototyping and consultancy support for thin film surfaces and coatings, particularly functional and optical coatings for new products. Applications include space sector tribological coatings, visible and infrared coatings for defence applications and product development for novel sensors. Light Coatings can provide input at the design stage of new products to ensure optimal function of a complete device and is aimed at providing this input to customers new to the area of thin film coatings or looking to add performance through the utilisation of thin film coatings.

Core competencies
Thin Film manufacturing, design, process design and optical performance characterisation, simulation and analysis. Specifically applicable to new technology or product development activities.

Company size
Micro

www.LightCoatings.co.uk
Keckwick Lane, Daresbury Labs, Lab 5, I-TAC, Daresbury, WA4 4AD

Steven Stanley
sales@lightcoatings.co.uk

Procurement codes
Materials
Optics & Photonics
Vacuum & Low Temperature
Company profile
Lipco Engineering specialise in high complexity precision manufacture of components, using the latest CAD/CAM, offline programming to full 5 axis. CNC Milling turning and grinding with CNC CMM inspection ISO 9001, AS9100 rev D. Batch sizes from 1 off to high volume production parts. Specialised NPI and fast track cells. Design for manufacture input offered free of charge. Supplying aerospace, defence, automotive, oil and gas, medical and motorsport industries. Lipco also offers inhouse surface treatments including Sulphuric anodise, Hard anodise, chemical conversion and passivate.

Core competencies
CNC Milling turning and grinding with CNC CMM inspection ISO 9001, AS9100 rev D. Batch sizes from 1 off to high volume production parts.

Company size
Small

www.lipco.co.uk
81 Condor close, Three Legged Cross Wimborne, BH21 6SU

Chris Baggs
info@lipco.co.uk

Procurement codes
Engineering Supplies
Mechanical Engineering
LTi Metaltech Ltd

Company profile
LTi Metaltech is a dynamic, innovative and growing production company, with solid foundations in regulated precision fabrication and welding. We work with global companies and OEMs to deliver advanced high performance vessels and structures using Stainless Steel, Copper and high purity Aluminium. LTi is the recognised expert in high integrity welded structures capable of withstanding extreme pressure, vacuum and temperature differentials, delivering cutting edge technologies for industries including Fusion & Nuclear, Healthcare and Renewables, with further capabilities and insights targeted at Transport & Rail.

Core competencies

Company size
Medium

www.lti-metaltech.com
163 Brook Drive, Abingdon, OX14 4SD

Nazir Ali
nazir.ali@lti-metaltech.com

Procurement codes
Mechanical Engineering
Vacuum & Low Temperature
Other
Magnet Sales and Service Ltd

Company profile
Magnet Sales and Service Ltd are leading industry experts in the supply of Permanent Magnets, Magnetic Assemblies and Design Solutions. We establish close working relations with our customers, providing impartial advice on the optimum magnet material to use in any given application, often assisting a design change to improve in-situ performance and project cost reduction, by offering experienced magnetic solutions. We supply “off the shelf” component parts in all commercially available permanent magnet materials, machine bespoke permanent magnets from stock raw materials and manufacture magnetic products and assemblies to your design or ours. From prototype to production we offer a fast, friendly, experienced service.

Core competencies
The design manufacture and supply of permanent magnets and magnetic assemblies.

Company size
Small

www.magnetsales.co.uk

Unit 31, Blackworth Industrial Estate
Swindon, SN6 7NA

sales@magnetsales.co.uk

Procurement codes
Electrical Engineering & Magnets
Electronics
Lab & Office Equipment & Supplies
Vacuum & Low Temperature
Magnetic Shields Ltd

Company profile
Magnetic Shields are leading specialists in the manufacture of bespoke Mumetal® magnetic shielding and the supply of Mumetal® sheet, foil and bar. Based in Kent, England, our manufacturing facility is fully equipped with the latest technology to provide our customers with the highest level of service and quality. All of our manufacturing processes, including heat treatment, are integrated in our production plant, meaning that we can guarantee the final magnetic properties of magnetic shields. Our magnetic shielding products are the preferred solution for the mitigation of unwanted interference used by many Industries, Universities and Institutes.

Core competencies
Heat Treatment, Manufacturing.

Company size
Medium

magneticshields.co.uk
Headcorn Road, Staplehurst, TN12 0DS
enquiries@magneticshields.co.uk

Procurement codes
Materials
Mechanical Engineering
Microwave & Radiofrequency
Optics & Photonics
Vacuum & Low Temperature
MechaTech Systems Ltd

Company profile
MechaTech Systems Ltd are specialists in the design, manufacture and maintenance of LyoDry Freeze Dryers, from benchtop to pilot and production scale; High Vacuum Systems including award-winning Vacuum Dryers and Vacuum Degassing Systems; Hyscan II Hydrogen in Aluminium Analyser and S35 Gas Sampling Systems. We also supply vacuum pumps and freeze dryer spares and accessories, with a dedicated Service Department for maintenance and repairs. We also provide automation upgrades on vacuum equipment, such as Edwards vacuum coaters, leak detectors and freeze dryers. We have a combined experience of over fifty years specialising in High Vacuum and Freeze Drying Technology. We receive excellent feedback.

Core competencies
ISO9001 and F-Gas Certified. Registered and audited by Achilles UVDB. Customer base includes pharma and food manufacturers, nuclear and decommissioning, aerospace and defence, universities and government research institutes, UK and overseas.

Company size
Small

www.mechatechsystems.co.uk

Unit 9 Brunel Way, Thornbury, Bristol BS35 3UR

enquiries@mechatechsystems.co.uk

Procurement codes
Engineering Supplies
Instrumentation
Mechanical Engineering Services
Vacuum & Low Temperature
Morton Ward Ltd

Company profile
Graphic design and marketing agency. We help big science and research organisations effectively engage and communicate with the audiences who matter to them. Clients include: Institut Laue-Langevin (ILL), Innovate UK and Durham University.

Core competencies
Brand development, graphic design, digital marketing.

Company size
Micro

www.mortonward.co.uk
12a Timber Bush, Edinburgh, EH6 6QH
Ewan Morton
ewan@mortonward.co.uk

Procurement codes
Services
M&I Materials UK Ltd

Company profile
M&I Materials Ltd is dedicated to manufacturing Specialist Materials for Industry and Science. Our brands include: Wolfmet: A high performance tungsten heavy alloy, providing excellent service in applications such as Aerospace and Nuclear Medicine. With the ability to produce complex components by fusing layers of tungsten powder, Wolfmet 3D is ideal for the manufacture of components such as collimators and radiation shields in imaging systems. Metrosil: Silicon carbide based voltage dependent resistors, making use of non-linear properties to provide protection for equipment and insulation from the effects of overvoltages. Apiezon: High vacuum products with an enviable track record in fields including Aerospace, Laboratory and Cryogenics.

Core competencies
M&I Materials’ Speciality Products division offer Wolfmet high performance tungsten heavy alloys, Metrosil silicon carbide based voltage dependant resistors and the Apiezon range of high vacuum greases, oils and waxes.

Company size
Medium

www.mimaterials.com
Hibernia Way, Trafford Park, M32 0ZD

Procurement codes
Electrical Engineering & Magnets
Electronics
Materials
Radiation, Chemicals, Gases, Waste
Vacuum & Low Temperature
Nelson Tool Co Ltd

Company profile
Nelson Tool are based in Stockport in the North West of England, United Kingdom. The company is privately owned by the Rhodes family and was established in 1957. We provide a precision engineering and tool making service to a number of industries. Our customer base is Global. We are one of the largest precision tool rooms in the UK. We provide a large precision CNC machining resource. We provide a highly skilled jig and fixture manufacturing service. To support the Manufacturing departments, we have skilled design and project management teams.

Core competencies
Welding and fabrication of aluminium, steels, and exotic materials. Precision Machining. Large Precision Machining. Assembly & Validation. Installation. Design and technical documentation. Metrology and measurement services.

Company size
Medium

www.nelsontool.co.uk
Stringer St, Stockport, SK1 2NZ
Simon Kelly
simon.kelly@nelsontool.co.uk

Procurement codes
Mechanical Engineering
Company profile
The manufacture of high integrity, stainless steel containments/gloveboxes for highly regulated industries is NIS’ principal business activity and as such we are a Centre of Excellence. Currently engaged on both design and manufacture work packages for modern glovebox systems, NIS have provided nearly 40 consecutive years’ support to the UK industry as specialists in this field. As the chosen glovebox supplier for multiple containment projects of varying size and complexity, for UK industry, we pride ourselves on our continued ability to meet the ever changing and challenging needs of different projects.

Core competencies
Design and manufacture of special purpose equipment including; Mechanical handling, Glovebox containments, Research and development test rigs, special purpose machines, Integration of robots, Control system design/software coding and Fabrication.

Company size
Medium

www.nisltd.com
Ackhurst Road, Chorley, PR7 1NH

Anthony Morris
amorris@nisltd.com

Procurement codes
Controls, Handling & Transport Engineering Supplies Mechanical Engineering Services
Nuclear AMRC

**Company profile**
The Nuclear Advanced Manufacturing Research Centre helps manufacturers win work across the nuclear sector. The Nuclear AMRC works with manufacturers to improve capabilities and performance along the supply chain. We can help companies develop new processes and innovative technologies, and raise quality, capability and cost competitiveness. Our Rotherham facility is home to over £35 million worth of production-scale manufacturing equipment, all of which is available to manufacturers of any size for R&D projects. We also operate centres in the Midlands and North West. The Nuclear AMRC is backed by industry leaders and the UK government, and is part of the High Value Manufacturing Catapult and the University of Sheffield.

**Core competencies**
R&D, manufacturing innovation, supply chain development.

**Company size**
Medium

**Procurement codes**
Mechanical Engineering Services
Company profile
Subsidiary of VINCI Construction, and division of the world-leading VINCI Group, NUVIA is an international company that operates world-wide on highly regulated and sensitive industrial sites. We have been involved in all the major nuclear projects in the world thanks to our solid and historical expertise. Drawing on our experience in the nuclear industry, NUVIA supports its clients in sensitive and highly regulated environments throughout the life cycle of their installations, covering: New build / Design, Operations & Maintenance, Plant life extension, Decommissioning. Operating in numerous business sectors and working alongside our clients we guarantee the best levels of safety and performance to build a safer, cleaner and sustainable world.

Core competencies
NUVIA has six core competencies. These are: Engineering & EPC, Health Physics & Safety, Mechanical Systems & Processes, Civil Engineering & Special Works, Protection of Installations, Support & Services.

Company size
Large

www.nuvia.com

3rd Floor Chadwick House, Birchwood Business Park, Warrington , WA3 6AE

David Price, Key Account Director
david.price@nuvia.com

Procurement codes
Civil Engineering & Construction
Mechanical Engineering
Radiation, Chemicals, Gases, Waste
Observatory Sciences Ltd

Company profile
Observatory Sciences is a leading developer and supplier of software for the control of ‘big science’ systems and instruments, including large telescopes and synchrotrons.

Core competencies
Production of Control Software, including design and consultancy.

Company size
Small

www.observatorysciences.co.uk
1 New Road, St Ives, Cambridgeshire
PE27 5BG

Philip Taylor
contact@observatorysciences.co.uk

Procurement codes
Controls, Handling & Transport
ICT
Services
OQC

Company profile
Oxford Quantum Circuits (OQC) builds quantum computers to help our customers do things which have never been achieved before, from life-changing drug discoveries to developing new battery technologies. Quantum computing will give our strategic partners and customers a competitive edge in what is set to be the next frontier of technology and enterprise. We are proud to have recently announced our partnership with the National Quantum Computing Centre at Harwell as part of the UK government’s Quantum Readiness programme. This will see OQC taking a lead role in taking the country forward in the quantum revolution.

Core competencies
OQC build quantum computers. OQC is Europe’s leading quantum computing as-a-service company. We bring quantum to our customers’ fingertips.

Company size
Small

www.oxfordquantumcircuits.com

Thames Valley Science Park, Shinfield, Reading, RG2 9LH

Anne-Claire Blet
hello@oxfordquantumcircuits.com

Procurement codes
Electronics
Instrumentation
Lab & Office Equipment & Supplies
Microwave & Radiofrequency
Vacuum & Low Temperature
Oracle Special Metals Ltd

Company profile
Oracle Special Metals Ltd, are suppliers of Titanium, Nickel alloy and Stainless Steel Exotics. We supply materials in all forms and sub contract any additional services through our partners. We hold a vast range of Metals and Alloys, Supplied through our global partners.

Core competencies
Suppliers of exotic materials and finished components.

Company size
Small

www.oracle-metals.com

Unit 11 Devonshire business park
Basingstoke, RG21 6XN

Mark Glynn
sales@oracle-metals.com

Procurement codes
Materials
Mechanical Engineering
Orbital Fabrications Ltd

Company profile
Fabrication of high purity stainless steel and high nickel content alloys pipework manifolds, gas control systems, pressure vessels and vacuum chambers, utilising orbital welding and manual TIG welding. Fabrication takes place in ISO class 5 and 6 cleanroom facilities. All work is fully leak tested using helium mass spectrometers and can also be pressure tested to pressures of 1000 bar and beyond. Orbital Fabrications also offers site installation services, installing the required high purity pipework throughout a facility delivering the process gases to the tools and points of use, along with all of the required control and instrumentation.

Core competencies
Orbital welding, TIG welding, stainless steel, specialist gases installation, high purity manifolds, helium mass spectrometry leak detection, on site installation of process lines.

Company size
Small

www.orbitalfabrications.co.uk
Unit 1-3, Stephenson Road, St. Ives PE27 3WJ

David Richards
David.Richards@orbitalfab.co.uk

Procurement codes
Civil Engineering & Construction
Instrumentation
Mechanical Engineering
Vacuum & Low Temperature
Other
Oxford Cryosystems Ltd

**Company profile**
Oxford Cryosystems manufactures highly specialised scientific instruments and software for cryogenic cooling devices. Starting from the University of Oxford in the 1980s, we have grown into an innovative, high-tech, commercial organisation with open-flow Nitrogen, Helium and Argon-based coolers. Our closed-cycle cryo-chambers utilise Gifford-McMahon coldheads coupled with robust and reliable He compressors. Our products are found in high-profile laboratories in SC-XRD, PXRD, micro-CT sample cooling, HTS Magnets, Optical sensor testing and Radio astronomy receivers. We develop innovative solutions to complex cryogenic sample cooling and produce easy-to-use instruments at the cutting edge of science and technology.

**Core competencies**
Cryogenics, Sample Cooling, Scientific Instrumentation, Temperature Control Software, GM Coldheads, He Compressors, Technical design.

**Company size**
Medium

www.oxcryo.com

Hanborough House, 25 Hanborough Business Park, Long Hanborough OX29 8LH

info@oxcryo.com

**Procurement codes**
Instrumentation
Mechanical Engineering
Microwave & Radiofrequency
Optics & Photonics
Vacuum & Low Temperature
PDL Solutions (Europe) Ltd

Company profile
We are world leaders in the application of advanced engineering software. We deliver technical solutions to complex problems at any point in the engineering process: from the design optimisation or validation of a new product to solving an issue with an asset that is already in the field. We have supported some of the most technically demanding projects across a number of safety-critical and highly regulated industries - working with clients in the Oil & Gas; Nuclear, Defence; Transport, Water and Renewable energy sectors. We combine one or more of our engineering analysis toolsets with our industry renowned process to give you a world class solution.

Core competencies
We are experts in computational fluid dynamics; finite element analysis; global dynamic analysis; pipe stress analysis; linear elastic fracture mechanics structural calculations; engineering design and MAXIM our own specialist engineering software.

Company size
Small

www.pdl-group.com
1 Tanners Yard, Hexham, NE46 3NL
Michael Williams
solutions@pdl-group.com

Procurement codes
Engineering Supplies
Mechanical Engineering
Radiation, Chemicals, Gases, Waste
Services
Vacuum & Low Temperature
Performance Projects Ltd

Company profile
Performance Projects specialises in the design and manufacture of specialised vehicles and transport vessels. Our work includes manually and autonomously controlled electric vehicles.

Core competencies
Whole vehicle/robot design and manufacture, centred on mechanical and electromechanical design with project management, procurement and test support.

Company size
Micro

www.performance-projects.com
Unit 2220, Silverstone, NN12 8GX

Christopher Horton
chris.horton@performance-projects.com

Procurement codes
Controls, Handling & Transport
Mechanical Engineering
Photek Ltd

**Company profile**
Photek is a specialist manufacturer and global supplier of vacuum based tubes and camera systems for charged particle detection and imaging (photon, electron, and neutron). We offer a comprehensive product range that can be tailored for both small and large OEM requirements, including: Image Intensifiers, Solar Blind Detectors, Photomultipliers, Streak Tubes and a range of associated electronics and Camera Systems.

**Core competencies**
As a world leading photon detector manufacturer, we have the flexibility to match our customers specifications and have the experience and knowledge to produce bespoke detectors and systems to the most stringent requirements.

**Company size**
Small

www.photek.com

26 Castleham Road, St Leonards on Sea
TN38 9NS

Fenton Mann - Sales Manager
fenton.mann@photek.co.uk

**Procurement codes**
Electronics
Instrumentation
Mechanical Engineering
Optics & Photonics
Vacuum & Low Temperature
Photonic Science and Engineering

Company profile
Photonic Science are leading manufacturers of high-performance digital cameras and detector systems. We offer a wide range of camera technology, from the latest SWIR / InGaAs, sCMOS, EMCCD, CCD cameras to X-ray and intensified cameras and Laue diffraction systems.

Core competencies
We deliver innovative and cost effective camera solutions with selected components from concept and prototyping to volume manufacturing; including complete solutions involving cameras, illumination source, optics, environmental housing and software.

Company size
Small

www.photonicscience.com

22 Theaklen Drive, St. Leonards-on-Sea
TN38 9AZ

Diane Brau
dianebrau@photonicscience.com

Procurement codes
Electronics
Instrumentation
Mechanical Engineering
Optics & Photonics
Photonic Solutions Ltd

**Company profile**
Photonic Solutions is an independent supplier of photonics and associated technologies to the UK’s scientific and industrial markets. Scientific and industrial laser systems, spectroscopy solutions for research and development, optical instruments, cutting-edge microscopy and imaging systems, optics, laser diagnostics, and detectors for the photonics industry are all available from us. Since 1999, we have provided the highest quality photonic products supported by unrivalled service and support. In addition to ‘off-the-shelf’ products, we provide customised solutions tailored to our customers’ requirements.

**Core competencies**

**Company size**
Small

**www.photonicsolutions.co.uk**

Unit 2.2 Quantum Court, Heriot-Watt University Research Park
Edinburgh, EH14 4AP

Andrew Blain
sales@photonicsolutions.co.uk

**Procurement codes**
Electronics
Instrumentation
Lab & Office Equipment & Supplies
Optics & Photonics
Other
Premier Control Technologies

Company profile
PCT is an engineering solutions provider operating within gas/liquid flow/pressure measurement/control. Our markets are diverse – food and brewing, space, automotive, pharma-biotech, chemical, fuel cells plus the hydrogen economy, laboratory & science and our applications range from commercial, low-cost through to difficult, high end solutions that “make the impossible, possible”. Our expertise includes: Mass Flow Meters / Controllers; Volumetric Flow Meters / Controllers; Pumps – peristaltic, syringe, micro-gear; Pressure regulators, back-pressure controllers, Control Valves; Systems – vaporizers, humidifiers, gas mixers, chemical dosing; Hydrogen Metering and Calibration Systems for bulk delivery/ dispensers.

Core competencies

Company size
Small

www.pctflow.com

64 Hethel Engineering Centre, Hethel, NR14 8FB

Andy Mangell
andymangell@pctflow.com

Procurement codes
Instrumentation
Lab & Office Equipment & Supplies
Mechanical Engineering
Vacuum & Low Temperature
Premium Incentives Ltd

Company profile
Provide business gifts, promotional goods and corporate wear, anything with your logo applied.

Core competencies
Promotional goods, business gifts and corporate wear.

Company size
Small

www.premiumincentives.co.uk
Barwell, Mill Rd, West Chiltington
RH20 2QN

Sales
sales@premiumincentives.co.uk

Procurement codes
Services
Other
Progressive Technology Group

**Company profile**
Progressive Technology Group is a multi-capability, low to medium volume, build to print engineering company. This business supports customers seeking manufacturing solutions that require rapidly produced complex high-quality lightweight precision production or prototype components. Many subcontract companies offer a narrow range of manufacturing capabilities. Progressive Technology is a vertically integrated business manufacturing finished components competitively and efficiently. Working with Progressive Technology improves availability, and reduces prototype development time.

**Core competencies**
The business is comprised of three divisions, multi axis machining, metal additive manufacturing and composite component production.

**Company size**
Medium

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**progressive-technology.co.uk**

Hambridge Lane, Newbury, RG14 5TS

Chris French-Drayton
cfd@progressive-technology.co.uk

**Procurement codes**
Materials
Mechanical Engineering
PSL Assemblies Ltd

Company profile
PSL Assemblies Ltd are a designer & manufacturer of power semiconductor stack assemblies and engineered thermal management solutions. Our facilities combine in-house CNC machining with EPA electronic stack assembly. Our services include 3D CAD design, feasibility studies, prototyping, digital thermal simulation, and scheduled volume manufacturing. Our thermal management products include extruded-profile heatsinks, bonded-fin heatsinks, and precision-machined liquid-cooled plates. We can manufacture any design and size of heatsink or cold plate – up to 1300mm long x 700mm wide, and our power stacks include any bespoke configuration of IGBT, Diode, Thyristor, and Silicon Carbide Mosfet assemblies.

Core competencies
PSL Assemblies’ core competences include the design and manufacture of custom heatsinks, liquid-cooled plates, and all configurations of bespoke Inverter, Rectifier, DC/DC Converter, IGBT Chopper, and SiC Mosfet stacks.

Company size
Small

www.psl-group.uk.com

Eastern Avenue, Dunstable, LU5 4JY

Nicholas Smith
sales@psl-group.uk.com

Procurement codes
Electrical Engineering & Magnets
Electronics
Mechanical Engineering
Other
RaySpec Ltd

Company profile
RaySpec Ltd is a specialist manufacturer of customised Silicon Drift Detectors (SDD) and signal processing electronics for X-Ray Fluorescence applications. Previously known as Gresham Scientific, E2V and SGX Sensortech, RaySpec have been supplying X-ray detectors for 24 years. RaySpec supplies original equipment manufacturers and specialist end-users in synchrotrons and research facilities around the world. Detectors are available with a wide range of active areas in single and multi-sensor designs. With optimisations available for high count rate, high solid angle and 3rd party pulse processing electronics. RaySpec prides itself on building unique solutions to meet the needs of customers.

Company size
Small

www.rayspec.co.uk
1 The Valley Centre, Gordon Road
High Wycombe, HP13 6EQ

Andrew Fram
sales@rayspec.co.uk

Procurement codes
Electronics
Instrumentation
Radiation, Chemicals, Gases, Waste
Other
Research and Industrial Optics

**Company profile**
Manufacturers of precision optical and scientific components including blanks, mirrors, metal mirrors, prisms, lenses, windows, filters; and provide cutting services, potting and wiring of specialised windows and heated window assemblies for industrial, research, and defence markets.

**Core competencies**
Manufacturers of precision optical and scientific components.

**Company size**
Small

**www.rioptics.com**
Units 1-3 Roydene, Bishops Road
Wickford, Essex, SS12 9EZ

**Kaye Edwards**
info@rioptics.com

**Procurement codes**
Instrumentation
Mechanical Engineering
Optics & Photonics
Radiation, Chemicals, Gases, Waste
Other
RFIDiom Ltd

Company profile
RFIDiom Ltd are a vastly experienced UK based software development company specialising in bespoke and full RFID enabled solutions, integrating seamlessly into your current business processes. Our track record of 25+ years’ experience in the use of RFID technology help deliver efficient, cost effective and performance driven solutions from consultation, design and analysis through to development, installation and after support.

Core competencies
RFID Asset Tracking, RFID wristbands, event management, RFID Software.

Company size
Micro

www.rfidiom.co.uk
23 Goodlass Road, Liverpool, L24 9HJ
enquiries@rfidiom.co.uk

Procurement codes
ICT
Ridgway Machines Ltd

Company profile
Ridgway Machines design and manufacture machinery to apply insulation materials to superconductors. They also design and manufacture special coil winding machines for superconducting coils. Ridgway have worked with and continue to work with several high-profile companies including CERN, ITER, General Atomics and Alstom along with others that are under non-disclosure agreements. We have also partnered with several companies to provide complete superconductor manufacturing solutions.

Core competencies
Superconductor handling, insulating, coil winding and forming machinery design and manufacture. Tokamak coil handling, insulating, coil winding and forming machinery design and manufacture.

Company size
Small

www.ridgwayeng.com

Unit 28a Centurion Way,
Meridian Business Park
Leicester, LE19 1WH

Andy Glanville
aglanville@ridgwayeng.com

Procurement codes
Engineering Supplies
Mechanical Engineering
Other
Royston Lead Ltd

Company profile
Royston manufacture for a wide variety of industries and have over 90 years’ experience in the lead business. From Nuclear to Medical, Subsea to Defence, Petrochemical to Mining, our well trained and highly experienced workforce are unlikely to be faced with a task that they have not previously completed. We work with a range of metals including Lead, Aluminium, Zinc, Copper, Stainless Steel and Carbon Steel. Our vast range of Lead Products and Lead Industry Services are used by many sectors.

Core competencies
Lead casting, machined lead components, lead anodes, radiation shielding products, lead bricks, lead lined boards, lead blankets, lead fillings.

Company size
Medium

www.roystonlead.com

Pogmoor Works, Stock’s Ln
Barnsley, S75 2DS

Frank Lynch
info@roystonlead.com

Procurement codes
Civil Engineering & Construction Materials
Radiation, Chemicals, Gases, Waste
Science and Technology Facilities Council

Company profile
The Science and Technology Facilities Council’s mission is to discover the secrets of the universe, develop advanced technologies and innovate to solve real-world challenges. Part of UK Research and Innovation, we are a national resource for industry and act as an impartial collaborator on projects, assisting in the translation of science to solve R&D challenges and innovate at pace.

Adjacent to our national laboratories, we have built successful ecosystems that foster and inspire growth - each campus is home to hundreds of like-minded technology businesses, scientists, engineers, researchers and support organisations, working side by side and collaborating for mutual gain.

Core competencies
Enabling access to the world’s most unique science facilities; Providing access to the UK’s brightest minds in science and technology; Identifying the innovations that present commercial opportunity; Facilitating connections and enabling collaboration nationally and globally.

Company size
Large

www.ukri.org/stfc
Polaris House, Swindon, SN2 1FL
innovations@stfc.ac.uk

Procurement codes
ICT
Instrumentation
Materials
Mechanical Engineering
Services
Company profile
Our experience and expertise in the design and manufacture of high-performance X-ray phosphor screens (based on Gadolinium oxysulphide, also known as GOS, Gadox or Gd2O2S) and neutron detection screens (based on Lithium-6) has established relationships with global system integrators, developing products that are used across a broad range of applications. Scintacor structured micro-columnar thallium doped caesium iodide (CsI:TI) is extensively used in the most demanding X-ray imaging applications for its superior performance. Scintacor offers OEM scintillator solutions from consultancy and technical advice through to fast prototyping and finished OEM Products.

Core competencies
We use proven manufacturing processes that are in control and have a history of producing reliable parts. Our flexible production capabilities allow us to meet our quality criteria whether it is for a small or large, standard or bespoke orders.

Company size
Small

scintacor.com
125 Cowley Road, Cambridge, CB4 0DL

Paul Hutchins - Sales Manager
P.Hutchins@scintacor.com

Procurement codes
Instrumentation
Materials
Optics & Photonics
Company profile
Severfield are the largest structural steel manufacturer in the UK, our Nuclear and Infrastructure division specialises in the fabrication and installation of structural steel for the nuclear new build and decommissioning, Defence, Petrochem and power generation sectors. We are accredited to BS EN 1090 up to and including EX4, have both UKCA and CE marking certification and can also fabricate to QC1 and R-CCM.

Core competencies
Structural steel design, detailing, manufacture, painting and installation. We have our own range of cellular beams and the ability to manufacture large plate girders on our T&I line.

Company size
Medium

www.severfield.com
Elton Street, Bolton, BL2 2BS
Stuart Mitchell
stuart.mitchell@severfield.com

Procurement codes
Civil Engineering & Construction
Materials
Services
Other
SolarFire Systems Limited

Company profile
SolarFire Systems, provide high quality, efficient sustainable fire suppression solutions to a variety of different applications. Gas Suppression / Water Mist Systems / Fire Detection & Alarm Systems.

Core competencies

Company size
Small

www.solarfiresystems.com
The Old Cow Shed, Ledgers Farm
Forest Green Road, Fifield, Maidenhead
SL6 2NR

Rob Wakes
rob@solarfiresystems.com

Procurement codes
Civil Engineering & Construction
Lab & Office Equipment & Supplies
Mechanical Engineering
Other
Company profile
The company manufactures and supports air quality monitoring products and the company’s goal is to provide expertise and software to service customers globally. Our strength comes from studying our own devices in field, not lab conditions through incremental engineering improvements. Every device deployed is monitored 24/7, which results in a product that more than fits the brief for a precision product providing robust data. Our mission at this phase is to leverage the advances of our machine learning models, which reflects the company’s modest production levels to date. We are however increasingly establishing new customers and partnerships around the world.

Core competencies
Data interpretation, machine learning, real-world validation of monitoring devices.

Company size
Small

www.southcoastscience.com
Unit 9 Freshfield Industrial Estate
Brighton, BN2 0DF

David Johnson
david.johnson@southcoastscience.com

Procurement codes
Electronics
Instrumentation
Spark Product Innovation

Company profile
Spark Product Innovation is a multidiscipline design consultancy who specialise in electronics and software engineering. Our capabilities include; high-speed digital electronics, analogue design, power electronics, high-temperature applications, PCB layout, FPGA, DSP and microprocessors. We are also specialists in uP software, embedded firmware, digital filtering and FPGA VHDL coding. We can also package the electronics and software in custom casings and enclosures to provide a full turnkey product development service and manufacturing and test if required.

Core competencies

Company size
Small

www.sparkpi.co.uk

Bristol and Bath Science Park
Bristol, BS16 7FR

Martin Stokes
info@sparkpi.co.uk

Procurement codes
Electrical Engineering & Magnets
Electronics
Instrumentation
Optics & Photonics
Other
StackHPC Ltd

Company profile
StackHPC is one of the leading OpenStack consultancies working with research institutions worldwide. Formed in 2016 StackHPC has established a formidable reputation with eminent organisations developing OpenStack for their benefit and enabling OpenStack client teams to support their mission critical operations. Our focus is on the Research or Scientific Computing landscape where the demands of high performance computing can place exacting requirements on the underlying configuration, especially when dealing with the software-defined complexities of modern on-premise cloud infrastructure, together with extending this model to hybrid cloud environments.

Core competencies
OpenStack, DevOps, Terraform, Ansible, Docker, Hybrid Cloud Kubernetes.

Company size
Small

www.stackhpc.com
81 Sefton Park Road
Bristol, BS7 9AW

John Taylor
john@stackhpc.com

Procurement codes
ICT
Suez Water Purification Systems Ltd

**Company profile**
At Suez Water Purification Systems we manufacture pure and ultra pure water purification systems for use in laboratories, industry and healthcare. Our products can produce all types of ultra pure water including Grade 1, 2 and 3 and ultra pure water and we can supply units that produce from 16 litres per hour up to 1,000+ litres per hour.

**Core competencies**
Suez Water Purification Systems products provide excellent value for money over their lifetime. We provide cost effective and long lasting consumables to ensure you have the most cost effective solution possible.

**Company size**
Small

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water-purification.co.uk

Bandet Way, Thame, OX9 3SJ

Stuart Steel
mail.waterpurificationsystems.uk@suez.com

**Procurement codes**
Lab & Office Equipment & Supplies
Suncombe Ltd

Company profile
Suncombe, formed in 1961, design and manufactures high quality cleaning and critical processing systems for the Processing Industries. Our expertise includes Cleaning In Place and Sterilising, Washers, BioWaste Effluent Treatment, Liquid Processing, Tanks and Vessels, Filter Skids, Processing Skids/Modules and bespoke processing solutions and projects for the BioPharma, Medical, Research and other critical processing Industries.

Core competencies
Design, engineering, manufacturing, software, testing.

Company size
Small

www.suncombe.com

Jade House, Lockfield Avenue, Brimsdown Enfield, EN3 7JY

Dave Adams Overton
d.adams@suncombe.com

Procurement codes
Civil Engineering & Construction
Controls, Handling & Transport
Electrical Engineering & Magnets
Mechanical Engineering
Radiation, Chemicals, Gases, Waste
Sundance M. T. Ltd

Company profile
Sundance’s team is composed of multi-disciplinary and high qualified staff that delivers innovative solutions, designed as embedded hardware platforms using state-of-art-technologies for accelerating innovative artificial Intelligence algorithms. Sundance’s solutions include highly efficient and low power consumption embedded platforms optimised for running deep learning algorithms used for performing autonomous navigation and for other general computer vision applications.

Core competencies
PXIe Board, FPGA Expertise, Close-loop solution, Custom Development.

Company size
Micro

www.sundance.com
Chiltern House, Chesham, HP5 1PS
Flemming Christensen
Flemming.C@Sundance.com

Procurement codes
Electronics
Instrumentation
Teledyne

Company profile
Our innovations enable our customers’ innovations through driving the next generation of systems, in signal chain semiconductor devices, full spectrum imaging and high power radio frequency solutions. Teledyne e2v has an enviable history of employing some of the best minds who work with industry and academia in commercialising technologies of the future, developing high quality products, services and turn-key solutions produced through our world class global facilities that have real benefit to the world. Our teams passions have led to ground breaking improvements in cancer radiotherapy systems, ultra-high reliability in critical electronic systems and observing the effects of climate change from space.

Core competencies
Scientific Imaging Sensors and Cameras.

Company size
Large

www.teledyne-e2v.com

106 Waterhouse Lane, Chelmsford
CM1 2QU

Mark Bown
mark.bown@teledyne.com

Procurement codes
Electronics
Optics & Photonics
Telespazio UK

Company profile
Telespazio UK (TPZ UK) has its HQ just outside Luton and is part of Telespazio, a joint-venture between Leonardo (67%) and Thales (33%), one of the world’s main players in satellite solutions and services. With a pedigree in the UK stretching back over 40 years, Telespazio UK is an experienced consulting, technology, engineering, space operations and service development business. Telespazio is at the forefront in many sectors: from the design and development of space-systems, to the management of launch services and satellites in-orbit control, from Earth Observation services to communications, from navigation and satellite tracking to scientific programmes.

Core competencies

Company size
Medium

www.telespazio.co.uk

350 Capability Green, Luton, LU1 3LU

info_uk@telespazio.com

Procurement codes
Mechanical Engineering Services
Other
Company profile
TES are a UK based specialist Switchgear manufacturer operating globally. Our Switchgear is designed and manufactured to exacting UK / EU standards, ensuring a high quality, reliable product is supplied. Our internal switchgear manufacturing processes, resources and facilities ensure that we can manufacture our Switchgear cost effectively and quickly; meeting the tightest timescales. TES guarantee that your projects remain on schedule. We design, build, install, test and commission a broad range of installations including but not limited to LV Switchgear, Packaged Substations, PDU’s, MCCs and complex control systems.

Core competencies
Design, build, manufacture, installation, testing and commissioning of a range of electrical installations to include an extensive range of switchgear, packaged substations, PDU’s and motor control centres.

Company size
Medium

www.tesgroup.com

Kilcronagh Business Park, Cookstown
BT80 9HJ

Irene McCreesh
irene.mccreesh@tesgroup.com

Procurement codes
Electrical Engineering & Magnets
Engineering Supplies
Instrumentation
Services
Other
Tesla Engineering Ltd

Company profile
Tesla Engineering Ltd. was founded 49 years ago to supply magnets for particle accelerators. Today, the Tesla Group of companies has factories in the UK, the USA, and the Netherlands. The Group has combined expertise in magnetics, composites, RF systems and precision manufacturing, and serves a wide range of customers in international laboratories, magnetic resonance imaging (MRI), proton therapy, radiotherapy, semiconductor manufacture and fusion. Tesla’s success is based on a strong, globally focussed, collaborative team. Our facilities are supported by continuous investment with a policy of maintaining all key processes in-house. Our enviable facilities are supported by an experienced and dedicated team of experts.

Core competencies
Quality - Excellent quality systems resulting in the highest quality products; Expertise - World-class technical and production staff; Pedigree - Established name in the market; Innovation - Comfortable taking on new technologies and challenges.

Company size
Large

www.tesla.co.uk

Water Lane, Storrington, RH20 3EA

Andy Ralston
sales@teslamagnets.com

Procurement codes
Electrical Engineering & Magnets
Mechanical Engineering
Services
Thames Cryogenics Ltd

Company profile
Manufacturer and installed of vacuum superinsulated cryogenic piping.

Core competencies
Welding, leak testing, cryogenics.

Company size
Small

www.thamescryogenics.com
Gooch Drive, Didcot, OX11 7PR
David Cooke
sales@thamescryogenics.com

Procurement codes
Vacuum & Low Temperature
The Packet Company

**Company profile**
The Packet Company is a specialist manufacturer of network traffic and telecoms signal recorders. Founded in 2012, we build both fixed and portable systems covering speeds from 1G to 100G and beyond.

**Core competencies**
Packet capture and replay, cyber security, high speed data capture, network recording, telecoms signal recording.

**Company size**
Micro

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**packet.company**

Unit A6 Elmbridge Court
Gloucester, GL3 1JZ

**Andrew Thomson**
andrew@packet.company

**Procurement codes**
ICT
Instrumentation
Lab & Office Equipment & Supplies
Optics & Photonics
Torr Scientific Limited

Company profile
Torr Scientific brings together a unique range of expertise and equipment from the worlds of thin film vacuum coating, vacuum instrumentation and electron-optics. The company manufactures X-ray and electron-optical components, UHV Viewports and processes anti-reflective coatings. Vacuum optics are custom designed for researchers carrying out research using lasers in vacuum. The company has manufactured MCP detectors and CVD diamond vacuum windows for synchrotron beamline applications. We also manufacture glass quantum cells and vacuum chambers.

Core competencies
Customs anti-reflective coatings, vacuum viewports, MCP detectors, vacuum Brazing, CVD Diamond, Quantum Cells, custom design and manufacturing, X-ray anode manufacture and refurbishment.

Company size
Medium

www.torrscientific.co.uk

Unit 11 Pebsham Rural Business Centre, Pebsham Lane, Bexhill-on-Sea TN40 9RZ

Philip Marston
sales@torrscientific.co.uk

Procurement codes
Instrumentation
Materials
Optics & Photonics
Vacuum & Low Temperature
Trackwise Designs Plc

**Company profile**
Trackwise Designs plc manufactures specialist products using printed circuit technology. Founded in 1989 as a printed circuit board (PCB) design bureau, Trackwise has always specialised in large format PCBs. In 2010, it developed the globally unique capability of producing multi-layer, flexible printed circuit boards of any length. This process is called Improved Harness Technology™ (IHT). With a potential application across diverse markets such as aerospace, automotive, medical and scientific & industrial, the products are exported around the world. The company has focussed on exploiting this capability and has built up an enviable customer list and track record of working in partnership with many world class innovators and engineers.

**Core competencies**
The manufacture of length unlimited, multi layer flexible printed circuits.

**Company size**
Medium

**Procurement codes**
Electrical Engineering & Magnets
Electronics
Mechanical Engineering
Microwave & Radiofrequency
Vacuum & Low Temperature

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**www.trackwise.co.uk**

Ashvale 1, Alexandra Way, Ashchurch, Tewkesbury, GL20 8NB

**Bartholomew Day**
bartholomew.day@trackwise.co.uk
Trans-Tronic Ltd

Company profile

Core competencies
High Quality Transformers and Coil Windings.

Company size
Medium

www.trans-tronic.co.uk
Whitting Valley Road, Old Whittington Chesterfield, Derbyshire, S41 9EY

Tom Parr
tom@trans-tronic.co.uk

Procurement codes
Controls, Handling & Transport
Electrical Engineering & Magnets
Electronics
Instrumentation
Microwave & Radiofrequency
TUV SUD Ltd - Nuclear Technologies Division

**Company profile**
TUV SUD Ltd – Nuclear Technologies Division is a UK based nuclear consultancy company. We employ ~100 staff and associates in the United Kingdom with reachback into our parent company TUV SUD AG in Germany. TUV SUD AG are a multi-national company with its headquarters in Munich. TUV SUD Ltd – Nuclear Technologies in the UK provide consultancy in radwaste and environmental management and strategy development, spent fuels and nuclear materials, radiation physics (shielding, criticality and dose assessment), contaminated land quality management, safety case and assurance, equipment qualification and business and transformation consultancy.

**Core competencies**
Nuclear consultancy in radwaste and environmental strategy development, nuclear fuel and materials, radiation shielding and criticality, contaminated land quality, safety case and assurance, equipment qualification and business consultancy.

**Company size**
Large

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**www.tuvsud.com/uk**

Chadwick House, Birchwood Park
Warrington, WA3 6AE

Agnes Ross
agnes.ross@tuvsud.com

**Procurement codes**
Radiation, Chemicals, Gases, Waste Services
Other
TWI Ltd

Company profile
TWI is a world leading research and technology organisation. Bases in the UK, North America, South East Asia, China, Australia, Central Asia, India and the Middle East see around 600 staff provide technical support in joining and technologies such as material science, structural integrity, NDT, surfacing, electronic packaging and cutting. Services include generic research, contract R&D, technical information, consultancy, standards drafting, training and qualification. TWI offers a single, impartial source of service for joining engineering materials. TWI is internationally renowned for its multidisciplinary teams that implement established or advanced joining technology solving problems.

Core competencies
TWI specialises in developing processes and delivering technical support in joining and allied topics such as material science, structural integrity, NDT, surfacing, electronic packaging and cutting.

Company size
Medium

www.twi-global.com

Dr Steve Dodds
steve.dodds@twi.co.uk

Procurement codes
Electrical Engineering & Magnets
Materials
Mechanical Engineering
Radiation, Chemicals, Gases, Waste
Vacuum & Low Temperature
UHV Design Ltd

Company profile
We specialise in the design, manufacture and supply of innovative market-leading HV and UHV motion and heating products. Our primary focus is to provide high-quality, low-maintenance manipulation solutions for vacuum applications. Excellence is assured through in-house control of the entire process from design, to manufacture, assembly, test and after sales support. A customer-orientated approach combined with a desire to achieve unrivalled product excellence is key to our continued success.

Core competencies
Product design, manufacturing including a fully equipped machine shop, custom solutions, standard solutions, highly competent sales team to assist every enquiry.

Company size
Small

www.uhvdesign.com
Judges House, Lewes Road
Lewes, BN8 6BN
sales@uhvdesign.com

Procurement codes
Vacuum & Low Temperature
UK Atomic Energy Authority

Company profile
The UK Atomic Energy Authority created Culham Laboratory as a purpose-built home for Britain’s fusion research programme. It hosts JET (Joint European Torus) and made headlines in 1991 when it became the first machine to achieve controlled fusion. From the 1990s onwards, UKAEA has led the development of the ‘spherical tokamak’. This is a more compact tokamak design with excellent potential for smaller, cheaper fusion devices. UKAEA also includes the RACE robotics centre, Fusion Technology, H3AT, Technical Consultancy and the Materials Research Facility which will advance our mission to commercialise fusion power, but can also work/collaborate with Big Science and other sectors.

Core competencies
Robotics, Remote Maintenance, Irradiated sample analysis, Tritium handling, Health Physics, Radioactive waste handling, Beryllium handling, Nuclear Data Modeling, High heat flux and other fusion conditions testing, Technical Consultancy.

Company size
Large

ccfe.ukaea.uk

Culham Science Centre
Abingdon, OX14 3DB

Business Development Department
external@bd.ukaea.uk

Procurement codes
Instrumentation
Materials
Mechanical Engineering
Radiation, Chemicals, Gases, Waste Services
Vacgen

Company profile
VACGEN have been engineering and manufacturing Ultra-High vacuum technology for over 50 years. We exploit extensive engineering resources to take raw materials right through the entire manufacturing workflow, producing finished UHV components; everything happens under our state-of-the-art purpose-built factory. Our in-house design and development functions are world class, and production is supported by extensive CNC machining resources feeding our clean room assembly area. We are a trusted supplier of vacuum companies big and small and in numerous industries, ranging from Research Laboratories to the Semiconductor industry- we are the supplier of choice.

Core competencies
VACGEN’s core competencies lay in engineering, manufacturing and electrical assembly of Ultra-High vacuum chambers and components.

Company size
Small

www.vacgen.com
Unit A Swallow Business Park Diamond Drive, Hailsham, BN27 4EL

Richard Stratford
sales@vacgen.com

Procurement codes
Instrumentation
Mechanical Engineering
Vacuum & Low Temperature
Walkbury Electronics Ltd

Company profile
PCB Assembly Services.

Core competencies
PCB Assembly, Surface Mount Assembly.

Company size
Small

www.walkbury.co.uk
30-31 The Metro Centre
Peterborough, PE2 7UH

Mark Trevelyan Lewis
mlewis@walkbury.co.uk

Procurement codes
Controls, Handling & Transport
Electronics
Instrumentation
Lab & Office Equipment & Supplies
Microwave & Radiofrequency
Wentworth Laboratories Limited

Company profile
Wentworth Laboratories are a world-wide leader in performance wafer probe stations and advanced cantilever probe cards. Our wafer prober products have been selected for many leading-edge semiconductor wafer applications across the globe. In partnership with our customers, we develop cost-effective and productivity-enhancing wafer probing solutions. Through a global network of experienced representatives, we support your projects with sophisticated design, proven technology, as well as applications and technical support. Our reputation for creating bespoke wafer probing solutions is second to none.

Core competencies
Performance wafer probe stations and advanced cantilever probe cards.

Company size
Small

www.wentworthlabs.com
1 Gosforth Close, Sandy, SG19 1RB
Marino Barberio
mbarberio@wentworthlabs.com

Procurement codes
Instrumentation
Lab & Office Equipment & Supplies
Wessington Cryogenics Ltd

Company profile
Wessington Cryogenics offers a range of vessels, including transportable self pressurising vessels up to 1000 litres, medium and high pressure units for gas use, pallet base tanks, low pressure horizontal tanks, transport and mobile, conventional vertical tanks, laboratory dewars and a wide range of Helium vessels up to 20,000 litres.

Core competencies
International pressure vessel and transport regulations PED, TPED, ADR, PD 5500 and ASME. ISO 9001.

Company size
Medium

www.wessingtoncryogenics.com

2 Gadwall Road, Rainton Bridge South Houghton le Spring, DH4 5NL

Jim Scott
jimscott@wessingtoncryogenics.com

Procurement codes
Vacuum & Low Temperature
WLR Precision Engineering

Company profile
WLR Precision Engineering Nottingham has been established for over 40 years, and has developed a reputation for high precision components by always being ‘Dedicated To Quality’. Over the years changes to the company have seen us develop specialist products for the Oil Exploration, Medical, Pharmaceuticals and the Motorcycle industries among others. Ongoing investment in CNC tools, Inspection and CAD systems has enabled us to assist with our clients product development and also supply small to medium batch work.

Core competencies
Ultra & High Precision Machined Components.

Company size
Medium

www.wlrprecision.co.uk

Precision House, Nottingham South & Wilford Ind. Estate, Ruddington Lane, Wilford, Nottinghamshire, NG11 7EP

Tom Parr
tom.parr@wlr-precision.co.uk

Procurement codes
Instrumentation
Mechanical Engineering
Microwave & Radiofrequency
Optics & Photonics
Vacuum & Low Temperature
XCAM Ltd

**Company profile**
Design, manufacture and supply of digital camera systems based on CCD and CMOS sensors and detector evaluation instrumentation. We have decades of experience in the supply of bespoke systems for use at synchrotrons and similar test facilities.

**Core competencies**
Design and manufacture of customised digital camera systems and detector evaluation equipment.

**Company size**
Micro

**www.xcam.co.uk**

2 Stone Circle Road, Northampton NN3 8RF

Karen Holland
info@xcam.co.uk

**Procurement codes**
Electronics
Instrumentation
Mechanical Engineering
Optics & Photonics
Vacuum & Low Temperature
XWorks Composites Limited

Company profile
XWC design, engineer and manufacture composite components for structural or decorative use. We have in-house CAD, CNC pattern making and robot trimming for finished parts. Our speciality is manufacture using vac infusion which is a lower energy process than traditional aerospace systems. Parts produced using vac infusion can be manufactured in carbon, aramids, glass, flax and many other specialist fibres with the material performance tailored to the required end use of a part. The process also enables us to manufacture using low cost tooling which greatly reduces the amortised tooling cost for one-offs or short runs of parts. We have worked with customers from motorsport, medical and veterinary, defence, marine and the artistic community.

Core competencies
Design, engineering and manufacture of composite components and structures

Company size
Small

www.thexworks.com
Unit 2, Airfield Industrial Estate
Seighford, Satfford, ST18 9NR

Sean Prendergast
andrew@thexworks.com

Procurement codes
Engineering Supplies
Materials
Mechanical Engineering
## Companies by procurement code

### Civil Engineering & Construction

<table>
<thead>
<tr>
<th>2DHeat</th>
<th>Doosan Babcock</th>
<th>Orbital Fabrications Ltd</th>
<th>SolarFire Systems Ltd</th>
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<tbody>
<tr>
<td>Ansaldo Nuclear Ltd</td>
<td>Eave</td>
<td>Royston Lead Ltd</td>
<td>Suncombe Ltd</td>
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<tr>
<td>Atkins SNC-Lavalin</td>
<td>Jacobs</td>
<td>Severfield Nuclear and</td>
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<tr>
<td>Croft Filters Ltd</td>
<td>Nuvia</td>
<td>Infrastructure</td>
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### Controls, Handling & Transport

<table>
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<tr>
<th>2DHeat</th>
<th>Firstco</th>
<th>NIS Ltd</th>
<th>Trans-Tronic Ltd</th>
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<td>Aquila Nuclear</td>
<td>Jacobs</td>
<td>Observatory Sciences</td>
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<td>Controls Ltd</td>
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### Electrical Engineering & Magnets

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<th>GRE Ltd</th>
<th>M&amp;I Materials UK Ltd</th>
<th>TES Group Ltd</th>
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<tr>
<td>Allectra Ltd</td>
<td>i4CNC</td>
<td>PSL Assemblies Ltd</td>
<td>Tesla Engineering</td>
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<tr>
<td>Firstco</td>
<td>James Fisher Nuclear Ltd</td>
<td>SISTEM Technology Ltd</td>
<td>Ltd</td>
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<tr>
<td>Gencoa Ltd</td>
<td></td>
<td>Spark Product Innovation</td>
<td>Trackwise Designs</td>
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<tr>
<td>Goodfellow Cambridge</td>
<td>Magnet Sales and Service Ltd</td>
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<td>Plc</td>
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<td>Ltd</td>
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<td></td>
<td>Trans-Tronic Ltd</td>
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<td>TWI Ltd</td>
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### Electronics

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<th>Agate Products Ltd</th>
<th>FMB Oxford Ltd</th>
<th>Magnet Sales and Service Ltd</th>
<th>South Coast Science</th>
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<td>Alpha Data Parallel</td>
<td>Gencoa Ltd</td>
<td>M&amp;I Materials UK Ltd</td>
<td>Spark Product</td>
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<tr>
<td>Systems Ltd</td>
<td>Interface Precision Engineering Ltd</td>
<td>OQC</td>
<td>Innovation</td>
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<td>Bitwise Ltd</td>
<td>IQ-LABS-UK Ltd</td>
<td>Photek Ltd</td>
<td>Sundance M. T. Ltd</td>
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<tr>
<td>Eave</td>
<td>IS4 Cryogenics Ltd</td>
<td>Photonic Science and Engineering</td>
<td>Teledyne</td>
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<td>Elite Electronic</td>
<td>I.T. Dev Ltd</td>
<td>Photonic Solutions Ltd</td>
<td>Trackwise Designs</td>
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<tr>
<td>Systems</td>
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<td>PSL Assemblies Ltd</td>
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<td>JCS Nuclear Solutions LEDsnergy (Displays)</td>
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<td>Trans-Tronic Ltd</td>
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<td>XCAM Ltd</td>
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### Engineering Supplies

<table>
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<tr>
<th>Ansaldo Nuclear Ltd</th>
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<th>NIS Ltd</th>
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<tr>
<td>Croft Filters Ltd</td>
<td>KUKA Systems UK Ltd</td>
<td>PDL Solutions (Europe) Ltd</td>
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<tr>
<td>DM Engineering</td>
<td>Lipco Engineering Ltd</td>
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<tr>
<td>Doosan Babcock</td>
<td>MechaTech Systems Ltd</td>
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<td>Firstco</td>
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</table>
### ICT

- Atkins SNC-Lavalin
- BIOS IT
- Bitwise Ltd
- Critical Software Technologies Ltd
- Eave
- Electron Beam Processes Ltd
- Equitus Design Engineering and Innovations Ltd
- LEDsynergy (Displays) Ltd
- Observatory Sciences Ltd
- RFIDiom Ltd
- Science and Technology Facilities Council (STFC)
- StackHPC Ltd
- The Packet Company

### Instrumentation

- Allectra Ltd
- AMF Precision Engineering Ltd
- Applied Thermal Control
- Critical Software Technologies Ltd
- Croft Filters Ltd
- Eave
- Electron Beam Processes Ltd
- Faraday Motion Controls Ltd
- FMB Oxford Ltd
- Hiden Analytical Ltd
- Innovative Physics I0-LABs-UK Ltd
- Jacarem
- Jackweld Ltd
- Jacobs
- James Fisher Nuclear Ltd
- JCS Nuclear Solutions
- Laser 2000 UK Ltd
- MechaTech Systems Ltd
- OQC
- Orbital Fabrications Ltd
- Oxford Cryosystems Ltd
- Photek Ltd
- Photonic Science and Engineering
- Photonic Solutions Ltd
- Premier Control Technologies
- RaySpec Ltd
- Research and Industrial Optics
- Science and Technology Facilities Council (STFC)
- Scintacor Ltd
- South Coast Science Spark Product Innovation
- Sundance M. T. Ltd
- TES Group Ltd
- The Packet Company
- Torr Scientific Ltd
- Trans-Tronic Ltd
- UK Atomic Energy Authority
- Vacgen
- Walkbury Electronics Ltd
- Wentworth Laboratories Ltd
- WLR Precision Engineering
- XCAM Ltd

### Lab & Office Equipment & Supplies

- AEON Engineering Ltd
- Faraday Motion Controls Ltd
- i4CNC
- Kurt J. Lesker Company Ltd
- Laser 2000 UK Ltd
- Magnet Sales and Service Ltd
- OQC
- Photonic Solutions Ltd
- Premier Control Technologies
- SiSTEM Technology Ltd
- SolarFire Systems Ltd
- Suez Water Purification Systems Ltd
- The Packet Company
- Walkbury Electronics Ltd
- Wentworth Laboratories Ltd

### Materials

- AEON Engineering Ltd
- Agate Products Ltd
- Atkins SNC-Lavalin
- Calder Industrial Materials Ltd
- Elite Material Solutions Ltd
- Equitus Design Engineering and Innovations Ltd
- Gencoa Ltd
- Goodfellow Cambridge Ltd
- Jackweld Ltd
- JCS Nuclear Solutions
- KUKA Systems UK Ltd
- Kurt J. Lesker Company Ltd
- Light Coatings Ltd
- Magnetic Shields Ltd
- M&I Materials UK Ltd
- Oracle Special Metals Ltd
- Progressive Technology Group
- Royston Lead Ltd
- Science and Technology Facilities Council (STFC)
- Scintacor Ltd
- Severfield Nuclear and Infrastructure
- Torr Scientific Ltd
- TWI Ltd
- UK Atomic Energy Authority
- XWorks Composites Ltd
**Mechanical Engineering**

2DHeat  
Accura Engineering Ltd  
AEON Engineering Ltd  
Agate Products Ltd  
AMF Precision Engineering Ltd  
Anglia CNC Engineering Ltd  
Ansaldo Nuclear Ltd  
Applied Thermal Control  
Aquila Nuclear Engineering Ltd  
Atkins SNC-Lavalin  
Boyd Technologies  
Ashington UK Ltd  
Calder Industrial Materials Ltd  
Centronic Ltd  
Croft Additive Manufacturing Ltd  
Croft Associates Ltd  
Croft Filters Ltd  
DM Engineering  
Doosan Babcock  
Durham Sheet Metal Works Ltd t/a DSM Fabrications  
Electron Beam Processes Ltd  
Elite Material Solutions Ltd  
Equitus Design Engineering and Innovations Ltd  
FMB Oxford Ltd  
Frazer Nash  
Goodfellow Cambridge Ltd  
Gow’s Lybster Ltd  
GRE Ltd  
Hone-All Precision Ltd  
i4CNC  
Interface Precision Engineering Ltd  
Jacarem  
Jackweld Ltd  
Jacobs  
James Fisher Nuclear Ltd  
Konecranes Demag UK Ltd  
Kurt J. Lesker Company Ltd  
Laser Prototypes (Europe) Ltd  
Lipco Engineering Ltd  
LTI MetalTech Ltd  
Magnetic Shields Ltd  
MechaTech Systems Ltd  
Nelson Tool Co Ltd  
NIS Ltd  
Nuclear AMRC  
Nuvia  
Oracle Special Metals Ltd  
Orbital Fabrications Ltd  
Oxford Cryosystems Ltd  
PDL Solutions (Europe) Ltd  
Performance Projects Ltd  
Photek Ltd  
Photonic Science and Engineering  
Premier Control Technologies  
Progressive Technology Group  
PSL Assemblies Ltd  
Research and Industrial Optics  
Ridgway Machines Ltd  
Science and Technology Facilities Council (STFC)  
SolarFire Systems Ltd  
Suncombe Ltd  
Telespazio UK  
Telesis Engineering Ltd  
Trackwise Designs Plc  
TWI Ltd  
UK Atomic Energy Authority  
Vacgen  
WLR Precision Engineering  
XCAM Ltd  
XWorks Composites Ltd  

**Microwave & Radiofrequency**

Centronic Ltd  
IO-LABS-UK Ltd  
Magnetic Shields Ltd  
OQC  
Oxford Cryosystems Ltd  
Trackwise Designs Plc  
Trans-Tronic Ltd  
Walkbury Electronics Ltd  
WLR Precision Engineering  

**Optics & Photonics**

AEON Engineering Ltd  
Agate Products Ltd  
Allectra Ltd  
AMF Precision Engineering Ltd  
Applied Thermal Control  
Artemis Optical  
Centronic Ltd  
FMB Oxford Ltd  
GRE Ltd  
Jacarem  
Kurt J. Lesker Company Ltd.  
Laser 2000 UK Ltd  
Light Coatings Ltd  
Magnetic Shields Ltd  
Oxford Cryosystems Ltd  
Photek Ltd  
Photonic Science and Engineering  
Photonic Solutions Ltd  
Research and Industrial Optics  
Scintacor Ltd  
SiSTEM Technology Ltd  
Spark Product Innovation  
Teledyne  
The Packet Company  
Theoramic Ltd  
Teledyne  
WLR Precision Engineering  
XCAM Ltd
# Radiation, Chemicals, Gases, Waste

| Ansaldo Nuclear Ltd | Jacobs | PDL Solutions (Europe) Ltd | Suncombe Ltd |
| Calder Industrial Materials Ltd | James Fisher Nuclear Ltd | RaySpec Ltd | TUV SUD Ltd - Nuclear Technologies Division |
| Centronic Ltd | JCS Nuclear Solutions Ltd | Research and Industrial Optics | TWI Ltd |
| Cerberus Nuclear Ltd | M&I Materials UK Ltd | Royston Lead Ltd | UK Atomic Energy Authority |
| Croft Associates Ltd | Nuvia | |
| Croft Filters Ltd | |

# Services

| Alto Marketing Ltd | Doosan Babcock | MechaTech Systems Ltd | Severfield Nuclear and Infrastructure |
| Ansaldo Nuclear Ltd | Eave | Morton Ward Ltd | Telespazio UK |
| Applied Thermal Control | Equitus Design | NIS Ltd | TES Group Ltd |
| BIOS IT | Engineering and Innovations Ltd | Nuclear AMRC | Tesla Engineering Ltd |
| Bitwise Ltd | Explosive Learning Solutions Ltd | Observatory Sciences Ltd | TUV SUD Ltd - Nuclear Technologies Division |
| Boyd Technologies | ExVeritas Ltd | PDL Solutions (Europe) Ltd | UK Atomic Energy Authority |
| Ashington UK Ltd | Firstco | Premium Incentives Ltd | |
| Cerberus Nuclear Ltd | Insitu Digital | Science and Technology Facilities Council (STFC) | |
| Croft Additive Manufacturing Ltd | i.T. Dev Ltd | | |
| Croft Associates Ltd | Laser Prototypes (Europe) Ltd | | |
| DM Engineering | | | |

# Vacuum & Low Temperature

| AEON Engineering Ltd | Hiden Analytical Ltd | MechaTech Systems Ltd | Torr Scientific Ltd |
| Agate Products Ltd | i4CNC | M&I Materials UK Ltd | Trackwise Designs Plc |
| Allectra Ltd | Interface Precision Engineering Ltd | OQC | TWI Ltd |
| AMF Precision Engineering Ltd | IS4 Cryogenics Ltd | Orbital Fabrications Ltd | UHV Design Ltd |
| Applied Thermal Control | Jacarem | Oxford Cryosystems Ltd | Vacon |
| Croft Associates Ltd | Kurt J. Lesker Company Ltd. | PDL Solutions (Europe) Ltd | Wessington Cryogenics Ltd |
| FMB Oxford Ltd | Light Coatings Ltd | Photek Ltd | WLR Precision Engineering |
| Gencoa Ltd | LTI Metaltech Ltd | Premier Control Technologies | XCAM Ltd |
| Goodfellow Cambridge Ltd | Magnet Sales and Service Ltd | SiSTEM Technology Ltd | |
| GRE Ltd | Magnetic Shields Ltd | Thames Cryogenics Ltd | |

# Other

| 2DHeat | Frazer Nash | Orbital Fabrications Ltd | SolarFire Systems Ltd |
| Aquila Nuclear Engineering Ltd | Goodfellow Cambridge Ltd | Photonic Solutions Ltd | Spark Product Innovation |
| Boyd Technologies | Innovative Physics | Premium Incentives Ltd | Telespazio UK |
| Ashington UK Ltd | I.T. Dev Ltd | PSL Assemblies Ltd | TES Group Ltd |
| Centronic Ltd | Laser Prototypes (Europe) Ltd | RaySpec Ltd | TUV SUD Ltd - Nuclear Technologies Division |
| Croft Additive Manufacturing Ltd | LEDSynergy (Displays) Ltd | Research and Industrial Optics | |