



Science and
Technology
Facilities Council

UK Suppliers and Partners for Big Science

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Introduction

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.

UK Industrial Liaison Office

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.

STFC Business Opportunities team

tenderopportunities@stfc.ukri.org

Science and Technology Facilities Council

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www.ukri.org/about-us/stfc/stfc-business-opportunities/

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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

UK Suppliers and Partners

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



2dheat.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

TQCM, UHV, Optics, Design and Analysis, Mechanical Engineering, Product Assurance, Systems Engineering, Engineering Analysis, Materials Testing, Tensile and Compression Testing, Clean Room ISO 5 & 7, Masers.

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



asg



AMF

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

Burrell 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

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Harpreet Birring

harpreet.birring@ansaldonuclear.com

Procurement codes

Civil Engineering & Construction
Engineering Supplies
Mechanical Engineering
Radiation, Chemicals, Gases,
Waste Services

Applied Thermal Control

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



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



aquilaeurope.co.uk

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

Richard Freeman

rffreeman@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

Procurement codes

Optics & Photonics

Stephen Lees

steve.lees@artemis-optical.co.uk

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

ATKINS

Member of the SNC-Lavalin Group

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

BIOS IT

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



www.bitwisegroup.com

Carnegie Campus
Dunfermline, KY11 8GR

Gavin Edgar
contacts@bitwisegroup.com

Procurement codes

Electronics
ICT
Services

Boyd Technologies Ashington UK Ltd

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

BOYD

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



www.calderlead.co.uk

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Andy Carr

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Procurement codes

Materials

Mechanical Engineering

Radiation, Chemicals, Gases, Waste

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

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Croydon, CR9 0BG

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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

Croft Additive Manufacturing Ltd

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 (3Dmetal 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

DOOSAN Babcock

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
david@eave.io

Procurement codes

Civil Engineering & Construction
Electronics
ICT
Instrumentation
Services

Electron Beam Processes Ltd

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



Electron Beam Processes Ltd

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

Established in 1986, Elite Electronic Systems is the leading provider of Sub-Contract Electronic Manufacturing Services, to a diverse customer portfolio of innovative and successful companies in the UK, Ireland and internationally. Elite adhere to ISO13485:2016 medical device manufacture, ISO9001:2015 quality management systems, and ISO27001:2013 information security, covering both standard and complex products. Employing over 200 people in 70,000 sq. ft. facility, Elite utilise state-of-the-art equipment to provide complete turnkey manufacturing, excellent quality and flexible scheduling.

Core competencies

ISO9001, ISO13485, ISO27001. Printed Circuit Board Assembly, Higher Level Assembly, Cable Assembly, Full System Test, Worldwide Shipping.

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.elsbusinessstraining.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

Genco Ltd

Company profile

Genco is a customer-focussed company providing expert solutions for the vacuum coating sector throughout the world. For over 25 years, Genco 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.genco.com

4 De Havilland Drive, Liverpool
L24 8RN

Erik Cox
erik.cox@genco.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

Goodfellow

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

Structural Steelwork, Heating & Ventilation Systems, Pressure Vessels, Pipework Systems, High Pressure Testing, Bespoke Mechanical Works, Nuclear Waste Containers, Coded Welding, Project Management, Installation Services, Draughting.

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

Hidden Analytical Ltd

Company profile

2022 marks Hidden 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, Hidden 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.HiddenAnalytical.com

420 Europa Boulevard
Warrington, WA5 7UN

info@hidden.co.uk

Procurement codes

Instrumentation
Vacuum & Low Temperature

Hone-All Precision Ltd

Company profile

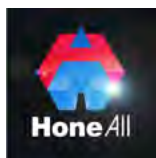
Hone-All specialise in deep hole boring, deep hole drilling, CNC turning and CNC honing. With 9100 & 9001 approvals and a wide range of customer approvals, we are the specialists in the manufacture of tubular components. We provide industry with a complete service to meet their manufacturing needs - 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

i4CNC

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 with 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



www.imagestore.co.uk

S3 Kingfisher House, Rownhams Lane
Southampton, SO529LP

Andy Humphrey
andy@imagestore.co.uk

Procurement codes
ICT

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



innovative physics

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



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, SO16 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

Jacobs

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

In-house specialist Nuclear Engineering Design, Manufacturing, Trials & Testing, Training and Technical Services.

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

Kurt J. Lesker Company Ltd

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

LASER 2000

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 infra red 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

Lipco Engineering Ltd

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

Welding- MAG, TIG, Plasma-Arc, Autogeneous semi-automated seam welding. Fabrication- Waterjet cutting, plasma cutting, plate rolling & forming, port pulling, bending. Design & development. Destructive & non-destructive testing.

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

magnetsales

and service limited

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

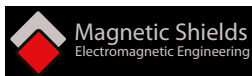
Magnetic Shields are leading specialists in the manufacture of bespoke Mumetal® magnetic shielding and the supply of Mumetal® sheet, foil and bar. Based in Kent, England, our manufacturing facility is fully equipped with the latest technology to provide our customers with the highest level of service 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

NIS Ltd

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



NUCLEAR AMRC

www.namrc.co.uk

Brunel Way, Rotherham, S60 5WG

business@namrc.co.uk

Procurement codes

Mechanical Engineering
Services

Nuvia

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

Photonics, Ultra-Fast Laser Technology, Quantum Optics, High-Energy Physics, Optical Microscopy, Spectral Sensing, Integrity, Initiative, Customer Service, Flexibility, Reliability, In-field Servicing, Technical Consultancy.

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, pharmaceutical, 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

Mass Flow Measurement/Control, Volumetric Flow Measurement/Control, Extreme Service Flow Control, Pressure and Back-Pressure Control, Hygienic & Sanitary Control Valves and Regulators, UHP Pressure Regulators.

Company size

Small



www.pctflow.com

64 Hethel Engineering Centre, Hethel,
NR14 8FB

Andy Mangell
andy.mangell@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



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



Science and
Technology
Facilities Council

www.ukri.org/stfc

Polaris House, Swindon, SN2 1FL

innovations@stfc.ac.uk

Procurement codes

ICT

Instrumentation

Materials

Mechanical Engineering

Services

Scintacor Ltd

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:Tl) 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

Severfield Nuclear and Infrastructure

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

Installation & Maintenance of Gaseous, Water Mist & Aerosol Fire Suppression systems and Hypoxic Reduced Air Fire Prevention Systems.

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

South Coast Science

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

Electronic Design, Embedded Software, Microprocessors, Printed Circuit Boards, Product Design, IoT, FPGA, DSP, Motor Control, High Temperature Electronics, low volume and prototype manufacturing, proof of concept, sensor interfacing.

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



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

PXle 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

End-to-end solutions in the domains of Earth Observation, Navigation, Satellite Communications and Launch, System Development & Mission Support, Geo Information & Satellite Imaging Services, Resilient PNT Solutions, Engineering & Programme Support, Software Systems Development

Company size

Medium



www.telespazio.co.uk

350 Capability Green, Luton, LU1 3LU

info_uk@telespazio.com

Procurement codes

Mechanical Engineering
Services
Other

TES Group Ltd

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, PDUs, 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, PDUs 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



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



www.trackwise.co.uk

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

Bartholomew Day

bartholomew.day@trackwise.co.uk

Procurement codes

Electrical Engineering & Magnets
Electronics
Mechanical Engineering
Microwave & Radiofrequency
Vacuum & Low Temperature

Trans-Tronic Ltd

Company profile

Trans-Tronic, based in Chesterfield, Derbyshire UK. Established since 1978. 60 employees. £3,100,000 turnover. Technical staff with a wealth of experience to advise and help with your design needs. ISO9001-2015. UL Product Approvals. KEMA-KEUR Approvals. Network Rail Approval. Achilles Link-up Approval. Numerous Customer Approvals. Lighting. Railways. R&D. Renewable Energy. Oil & Gas. High End Audio. Safety Communication Systems. Instrumentation. Domestic Appliances.

Core competencies

High Quality Transformers and Coil Windings.

Company size

Medium



TRANS-TRONIC

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



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

Granta Park, Cambridge, CB21 6AL

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



UK Atomic
Energy
Authority

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 Trevellyan 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, Safford, ST18 9NR

Sean Prendergast
andrew@thexworks.com

Procurement codes

Engineering Supplies
Materials
Mechanical Engineering

Companies by procurement code

Civil Engineering & Construction

2DHeat	Doosan Babcock	Orbital Fabrications Ltd	SolarFire Systems Ltd
Ansaldo Nuclear Ltd	Eave	Royston Lead Ltd	Suncombe Ltd
Atkins SNC-Lavalin	Jacobs	Severfield Nuclear and Infrastructure	
Croft Filters Ltd	Nuvia		

Controls, Handling & Transport

2DHeat	Firstco	NIS Ltd	Trans-Tronic Ltd
Aquila Nuclear Engineering Ltd	Jacobs	Observatory Sciences Ltd	Walkbury Electronics Ltd
Atkins SNC-Lavalin	James Fisher Nuclear Ltd	Performance Projects Ltd	
Faraday Motion Controls Ltd	Konecranes Demag UK Ltd	Suncombe Ltd	

Electrical Engineering & Magnets

2DHeat	GRE Ltd	M&I Materials UK Ltd	TES Group Ltd
Alllectra Ltd	i4CNC	PSL Assemblies Ltd	Tesla Engineering Ltd
Firstco	James Fisher Nuclear Ltd	SiSTEM Technology Ltd	Trackwise Designs Plc
Gencoia Ltd		Spark Product Innovation	Trans-Tronic Ltd
Goodfellow Cambridge Ltd	Magnet Sales and Service Ltd	Suncombe Ltd	TWI Ltd

Electronics

Agate Products Ltd	FMB Oxford Ltd	Magnet Sales and Service Ltd	South Coast Science
Alpha Data Parallel Systems Ltd	Gencoia Ltd	M&I Materials UK Ltd	Spark Product Innovation
Bitwise Ltd	Interface Precision Engineering Ltd	OQC	Sundance M. T. Ltd
Eave	IO-LABS-UK Ltd	Photek Ltd	Teledyne
Elite Electronic Systems	IS4 Cryogenics Ltd	Photonic Science and Engineering	Trackwise Designs Plc
Equitus Design	I.T. Dev Ltd	Photonic Solutions Ltd	Trans-Tronic Ltd
Engineering and Innovations Ltd	Jacarem	PSL Assemblies Ltd	Walkbury Electronics Ltd
Exception PCB	JCS Nuclear Solutions	RaySpec Ltd	XCAM Ltd
Faraday Motion Controls Ltd	LEDsynergy (Displays) Ltd	SiSTEM Technology Ltd	

Engineering Supplies

Ansaldo Nuclear Ltd	i4CNC	NIS Ltd	XWorks Composites Ltd
Croft Filters Ltd	KUKA Systems UK Ltd	PDL Solutions (Europe) Ltd	
DM Engineering	Lipco Engineering Ltd	Ridgway Machines Ltd	
Doosan Babcock	MechaTech Systems Ltd	TES Group Ltd	
Firstco			

ICT

Atkins SNC-Lavalin	Equitus Design	LEDsynergy (Displays)	StackHPC Ltd
BIOS IT	Engineering and	Ltd	The Packet Company
Bitwise Ltd	Innovations Ltd	Observatory Sciences	
Critical Software	Firstco	Ltd	
Technologies Ltd	ImageStore Ltd	RFIDiom Ltd	
Eave	IO-LABS-UK Ltd	Science and	
Electron Beam	I.T. Dev Ltd	Technology Facilities	
Processes Ltd	Laser 2000 UK Ltd	Council (STFC)	

Instrumentation

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

Lab & Office Equipment & Supplies

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

Materials

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

Mechanical Engineering

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

Microwave & Radiofrequency

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

Optics & Photonics

AEON Engineering Ltd	FMB Oxford Ltd	Photek Ltd	Spark Product
Agate Products Ltd	GRE Ltd	Photonic Science and	Innovation
Allectra Ltd	Jacarem	Engineering	Teledyne
AMF Precision	Kurt J. Lesker Company	Photonic Solutions Ltd	The Packet Company
Engineering Ltd	Ltd.	Research and Industrial	Torr Scientific Ltd
Applied Thermal	Laser 2000 UK Ltd	Optics	WLR Precision
Control	Light Coatings Ltd	Scintacor Ltd	Engineering
Artemis Optical	Magnetic Shields Ltd	SiSTEM Technology Ltd	XCAM Ltd
Centronic Ltd	Oxford Cryosystems 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	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 Engineering and Innovations Ltd	NIS Ltd	TES Group Ltd
BIOS IT	Explosive Learning Solutions Ltd	Nuclear AMRC	Tesla Engineering Ltd
Bitwise Ltd	ExVeritas Ltd	Observatory Sciences Ltd	TUV SUD Ltd - Nuclear Technologies Division
Boyd Technologies	Firstco	PDL Solutions (Europe) Ltd	UK Atomic Energy Authority
Ashington UK Ltd	Insitu Digital	Premium Incentives Ltd	
Cerberus Nuclear Ltd	I.T. Dev Ltd	Science and Technology Facilities Council (STFC)	
Croft Additive Manufacturing Ltd	Laser Prototypes (Europe) Ltd		
Croft Associates Ltd			
DM Engineering			

Vacuum & Low Temperature

AEON Engineering Ltd	Hidden 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	QQC	TWI Ltd
AMF Precision Engineering Ltd	IS4 Cryogenics Ltd	Orbital Fabrications Ltd	UHV Design Ltd
Applied Thermal Control	Jacarem	Oxford Cryosystems Ltd	Vacgen
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
Gencoia 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	
Doosan Babcock	LTi Metaltech Ltd	Ridgway Machines Ltd	
Exception PCB		Severfield Nuclear and Infrastructure	



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