

we are **bau group**

New Perspective On Building Services

Mechanical, Electrical & Plumbing Heating & Ventilation Fire, Security & Access Control EV Chargers

We pride ourselves in understanding the latest services technology and being the leaders of the market in this ever-evolving, specialist sector.



wearebau.group

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New Perspective On Building Services

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We Are Bau Group is a family-run business dedicated to delivering top-quality installation and maintenance services in:

Mechanical
Electrical
Plumbing
HVAC
Fire & Security
Access Control
Electric Chargers

Serving commercial, healthcare, education, theatres, sports & leisure and more, we provide reliable and efficient solutions tailored to the unique needs of each industry and client.

Our mission is to keep businesses and institutions running smoothly with sustainable, high-performing systems that meet the highest standards.

With a strong focus on safety, innovation, and quality craftsmanship, we take pride in our work and build lasting relationships based on trust and excellence.

Powering your future with expertise, integrity, and care.

At Bau Group we provide mechanical and electrical services and installations throughout every market sector on a daily basis.

We work closely with end users, owners, developers, funders, investors, and contractors.

So, whatever your business, and whatever you have in mind, you'll benefit from what we know and what we can do for you.

- Value Engineering Solutions
 - BMS
 - Lighting Design
 - HVAC
 - Public Health
- Mechanical Installations
- Intelligent Building Control
 - Fire and Security
 - Maintenance
 - Energy Efficiency
- Sustainability and BREEAM
 - In-house D&B
 - Dialux Calculations
 - Autec Calculations



BMS

We install state-of-the-art Building Management Systems to manage your mechanical and electrical equipment, including ventilation, lighting, power, fire, and security systems.

Mechanical Installations

Given the high complexity and bespoke nature of mechanical installations, it's essential that they be carried out by highly skilled and knowledgeable engineers. With over 50 years of experience in the mechanical and electrical industry, we are fully equipped to handle your installation needs.



Lighting Design

Following initial contact and the completion of a thorough site survey, a member of our experienced in-house design team will develop a tailored lighting solution for you, incorporating daily requirements, building restrictions, and environmental impact using DIALux calculations.

Public Health

We undertake all public health installations
Above ground drainage,
Hot and cold water supply,
Grey and rainwater harvesting.



Sustainability And BREEAM

BREEAM is one method of assessing, rating, and certifying the sustainability of buildings. It is typically undertaken to demonstrate compliance with environmental regulations but it can also be a planning requirement. We can provide a thorough assessment and ensure that stringent parameters are met and ratings maintained.

Maintenance

Our fully trained and well-equipped maintenance team can service installations made by our team or others, enhancing their longevity. We proactively identify issues, allowing our skilled team to provide tailored, value-engineered solutions.



At Bau Group we are fully equipped to deliver air conditioning and heating solutions for all scale developments – from large leisure facilities with multiple zones to smaller gymnasiums, restaurants, bars, offices & large residential developments.

The key to ensuring you have the right air conditioning and ventilation for your project is enlisting the support of a reputable and experienced organisation and at Bau, we have an exceptional track record.

The three major functions of heating, ventilation and air conditioning are interrelated, especially with the need to provide thermal comfort and acceptable indoor air quality within reasonable installation, operation, and maintenance costs. HVAC systems can be used in both domestic and commercial environments. HVAC systems can provide ventilation and interfere with heating and cooling.

At Bau we can design, install maintain these systems along with a fully functional BMS design which will have full control of these functions are can be integrated into one or more HVAC systems.

The design aspect will include estimating the capacity and type of system needed and then designing the system, selecting the appropriate refrigerant and various components needed. We define ourselves as Specialist mechanical contractors with our partners who supply then fabricate our bespoke products allowing procurement, design and installation times to be minimalised.

We partner with Daikin, Mitsubishi and Samsung. Therefore all our in-house engineers are well trained up to the newest regulations and standards.

Heating

Commercial heating systems can be fire, boiler, gas fired boiler systems. They can be either direct or indirect using items such as heat plate changers to ensure the separation off two services to avoid contamination. Our team can work with you to find the best solution for your build.



Air Conditioning

Our knowledgeable installers use two types of Air Conditioning systems, 410A and R32.

We carry out our VRF, VAV's, DX Coils to name a few, these are based on watts per squared meter to allow simultaneous heating and cooling systems.

Ventilation

We introduce either Air Handling Units or MVHRU's to our projects.

Our extensive experience with Ventilation installation has taught us that these units are the industry leaders in allowing natural air and ventilation to areas with either high occupancy or with requirements for specific loads of natural air resources.



EV Chargers

Welcome to a Greener Future!

At Bau Group we are excited to announce our newest service offering: Electric Vehicle (EV) Charger Installation. As a leading provider of innovative energy solutions in the UK, we are dedicated to empowering our clients to embrace sustainable practices and drive towards a greener future.



Our Expertise

With a plethora of experience in the energy sector, We are uniquely positioned to deliver expert EV charger installation services. Our team of skilled engineers and electricians have undergone rigorous training and certifications, ensuring they stay up-to-date with the latest industry standards and best practices.

Tailored Solutions for Your Needs

We understand that every client's requirements are different. Whether you're a homeowner looking for a convenient home charging solution or a business seeking to provide charging facilities for your employees and customers, we've got you covered. Our team will work closely with you to assess your needs and design a custom EV charging infrastructure that aligns perfectly with your needs.

We are a member of The Workplace Charging Scheme (WCS) which is a voucher-based scheme that provides support towards the up-front costs of the purchase and installation of electric vehicle charge-points, for eligible businesses, charities and public sector organisations.

EV Chargers

Bau Group have government approval to install charge points under the Office for Zero Emission Vehicles (OZEV) residential and commercial ChargePoint grant schemes:

- EV charge point grant for flat owner-occupiers and people living in rented properties
 - EV charge point grant for residential landlords
 - EV infrastructure grant for residential car parks
 - Workplace Charging Scheme
 - EV charge point grant for commercial landlords
 - EV infrastructure grant for staff and fleets

As part of our commitment to promoting sustainable practices, we stay informed about the latest government incentives and grants related to EV charging installations. Our team will guide you through the process of accessing potential funding opportunities, making the transition to EV charging even more cost-effective.

Reliable and Efficient Charging

We prioritise the reliability and efficiency of our EV charging solutions. We partner with trusted manufacturers to source high-quality charging equipment, which guarantees optimal performance and durability. Our chargers are equipped with advanced technology, enabling faster charging times while ensuring the safety of the vehicle and its occupants.

Economic Benefits

By investing in our EV charger installation services, you not only contribute to a cleaner environment but also unlock various economic benefits.

Homeowners can take advantage of reduced energy costs, while businesses can attract eco-conscious customers and improve their corporate image by showcasing their commitment to sustainability.

Fire, Security & Access Control

At Bau Group We can design, supply and install a full range of fire alarm systems for a wide range of building structures. With over 25 years of experience, we have a wealth of knowledge in design and installation for all recognised brands and for a variety of projects. Our expert coordination of services creates a fully in-house, bespoke service.

We supply, install, service fire alarm systems nationwide and specialise in the industrial, commercial and residential

Our professional systems include:

- Wireless fire alarm systems
- Addressable fire alarm systems
- Conventional fire alarm systems
 - Beam detection systems
 - Emergency lighting systems

A quality fire alarm system isn't just a must for peace of mind, it's a legal requirement and crucial addition to your business to protect your people, property and assets.

Armed with a vast range of fire detection and alarm systems, our experienced teams of designers, engineers and installers ensure that you are protected and compliant with current fire safety regulations with a solution that is designed and integrated to suit your specific needs.

Emergency lighting is a crucial component of the safety system of any building. We specialise in emergency lighting design and implementation, working with only the most advanced emergency lighting systems with surface and discreet flush fittings. We can design, install and maintain a full LED emergency lighting system – with local discharge testing facility -so you can know that in an emergency, your employees will be able to evacuate.

Fire, Security & Access Control

Fire Alarm Systems

A fire alarm system consists of many components, including:

- Fire alarm control panel
 - Initiation devices
 - Pull stations
 - Smoke detectors
 - Duct detectors
 - Heat detectors
 - Beam detectors
- Air aspirating systems or air sampling smoke detectors
 - Water flow switches
 - Tamper switches
 - Notification devices
 - Audible devices
 - Strobes/Horns



Addressable & Non Addressable Systems

Addressable:

Addressable panels monitor all alarm components individually. Each device comes with a distinct, separate address, which allows the panel to know their status, such as whether it's functioning normally, in alarm or in trouble. For instance, addressable systems allow those working at a hotel's front desk to know the exact location of the event by looking at the alarm panel display.

Non-addressable:

This type of system puts all initiating devices in zones, meaning users physically have to check each device in that zone to find the one in alarm. For instance, if you have a non-addressable system and the alarm goes off, it would tell you something like "Alarm Zone 3, Fourth Floor."

Most property owners and managers prefer addressable systems, as they let you know the specific location of the alarm and assess the situation much more quickly. Some fire alarm panels can also notify remote alarm monitoring stations, which can then contact emergency services.

Fire, Security & Access Control

CCTV Installation

Your CCTV surveillance needs to be designed and installed professionally and properly to make sure it's working to keep you and your premises safe. That means getting in a reliable company that can help you choose the right system for your circumstances and budget and install it to provide the levels of protection that you need.

Whatever type of CCTV system you opt for, We can offer CCTV camera installation you'll be able to depend on. Our experienced team can carry out the work quickly and effectively, and cause minimal disruption to your home life or business operations.



Access Control

Access control offers a secure, convenient, flexible and cost-effective way of controlling who has access to your building and when that access is allowed. All businesses have to protect assets and employees whilst allowing people to move freely in the areas that they need. It is common in buildings that are secured by locks and keys for doors to be left unlocked all day. This opens up the possibility of opportunist theft and malicious damage. Installing an access control system means that you will never have to change a lock again. Tokens are issued to allow access through the controlled doors and are easily barred from the system if they are lost or stolen.

Our Projects



Roehampton

Gym Fit Out Design and Build

- Installation of 2 AHU's on the roof of the building used for supply and extract.
- Plant room installation consisting of are installation of CPM SP348 Cascade boilers in the plantroom and a LOK packaged plate heat exchanger in plantroom.
- Main pipework installation feeding from the plantroom all around the place of work.
- Primary supply and extract running from the 2 AHU's through ventilation.
- Secondary pipework with local isolation following complete boiler, heat plate and radiator installation.
- Full refurb of all toilet areas including with 19 toilets, 18 sinks, 28 showers, 3 disabled toilets of which 2 were also accompanied with a shower.
- New lighting and general small power throughout.

Value: £911,000



Our Projects

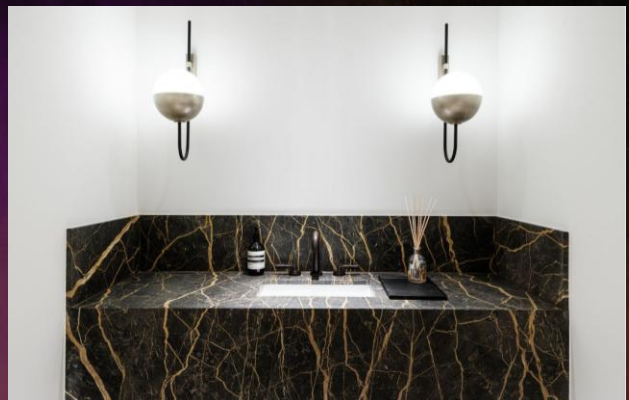


The Whiteleys

MEP Design & Build

- Relocated the incoming Mains Distribution board.
- Installed new client-selected luminaires.
- Provided general small power via Direct Supply Switchboard Outlet (DSSO) and a Distribution Switchboard Control Unit (FSCU).
- Set up an advanced fire alarm system with a two-loop panel at the new entrance.
- Deployed the Paxton Net 2 advanced system for access control.
- Designed and installed the CCTV system using a Hikvision POE with a local 12-way NVR in a central position.
- Installed new boosted cold-water system.
- Supplied new chilled water (CHW) and low temperature hot water (LTHW) from the first-floor plant room into the tenant's demise with local isolation.
- Installed new fresh air and extract supply systems.

Value: £385,000



Our Projects



Tesco Bracknell & Tesco Cheapside Multi Trade Contract

Full CAPR refurbishment comprising of

- Site Management: Expert oversight to ensure smooth operations and adherence to schedules
- Decorations: High-quality finishing touches to enhance aesthetic appeal
- Carpentry: Custom woodwork and structural solutions for durability and style
- Partitioning: Flexible space configurations to optimize functionality
- Ceilings: Installation of modern ceiling systems for both design and acoustics
- Installations of New Domestic Services: Upgrading essential utilities for enhanced comfort and efficiency
- Labouring: Skilled workforce dedicated to executing tasks with precision and care

Value: £30,000 - £100,000



Our Projects



Lister Hospital HVAC Package

- Installation of VRV system serving the fourth floor. Including one external condenser located on the roof level, one ceiling cassette serving the reception area, nine ceiling void mounted ducted units serving bedrooms, one ceiling mounted unit serving the corridor area and two floor mounted units serving the VIP bedroom.
- Installation of a new air handling unit supplied and built on site by AHS has been installed within the roof plant area.
- A dedicated fourth floor dirty extract fan has been installed on the roof area.
- A leak detection system has been supplied by CPC and installed on the fourth floor to the bedrooms and corridor area
- Heating system installation which is fed from the fourth-floor riser.

Value: £465,000



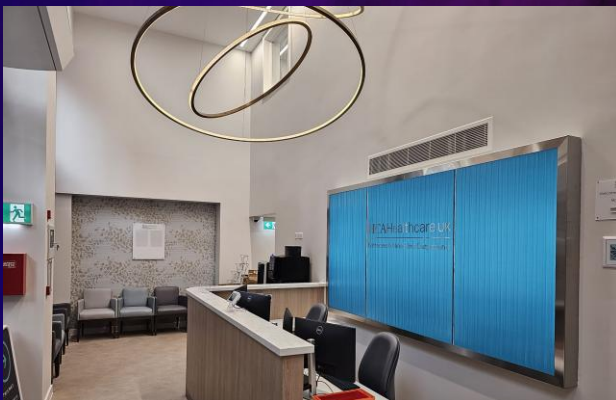
Our Projects



Nine Elms Mechanical Package

- Installed Low-Temperature Hot Water (LTHW) heater batteries to enhance energy efficiency and maintain a comfortable indoor climate, thereby reducing utility costs and improving overall occupant satisfaction.
- Deployed four Air Handling Units (AHUs) to guarantee fresh and clean air circulation throughout the premises, contributing to a healthy and pleasant indoor environment for all occupants.
- Completed high-quality air conditioning installations customized to meet specific client needs, allowing users to effectively manage indoor temperatures and enhance comfort during hot weather.
- Ensured seamless operation of the building's essential systems through a meticulously designed plant room, where our team focuses on efficient management and maintenance of all mechanical and electrical equipment.
- Implemented state-of-the-art chilled water systems to provide efficient cooling solutions, ensuring optimal thermal comfort and performance within the building.

Value: £377,000



Our Projects



Hampshire House Cat B Office Fit-Out

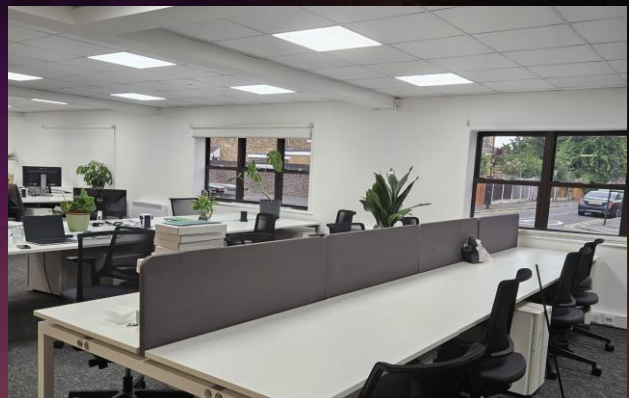
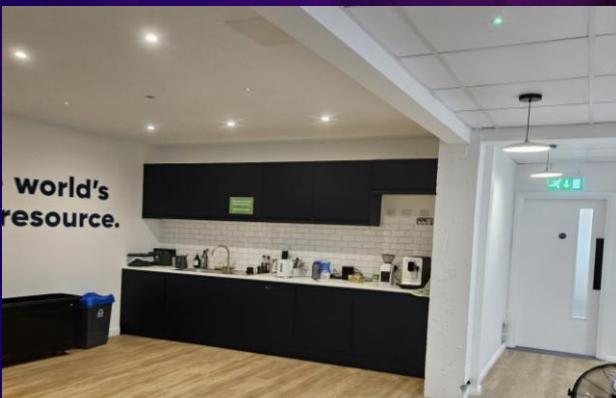
- The works on the mechanical VRF system comprises of the addition of 1 No. indoor FCU and 1No. internal BC BOX. These are connected to the existing VRF system on the upper ground floor.
- The fire alarm system has had 4No. new smoke detectors, 3No. new sounders installed and all of the existing detection devices have been relocated

Value: £70,000

Recycleye MEP Package

- Isolated and removed the old toilet block, reconfigured the space to include showers in both male and female toilets.
- Installed new basins, toilets, lighting, emergency lighting, and an electrical panel heater.
- Upgraded floor boxes, sockets, and improved lighting controls.
- Installed power, water, and water heaters for two new tea points.

Value: £136,000



Our Projects



Impact Radius

D & B Office Fit Out

- Install relocated feature lighting
- Zip tap installation, including leak detection and relocation of extract systems
- Set up new floor boxes and relocate existing ones
- Add additional small power and data connections
- Install HDMI cables for AV points
- Relocate services to accommodate tea point adjustment
- Install a new water heater

Value: £27,000

Cap on Tap

D & B Office Fit Out

- Re-configuration of existing lighting and installation of free issue feature lighting.
- Relocation of existing floor boxes and installation of new floor boxes.
- Installation of additional small power and data, and installation of HDMI leads for AV points.
- Installation of a fan to serve the beer tap
- Alterations to the plumbing installation to enable third party installation of a Zip Tap and Nespresso Machine.

Value: £20,000



Our Projects



Liverpool Empire Theatre Mechanical BMS

- Updated BMS, Our team successfully revamped the building management system, equipping the theatre with cutting-edge automation features that significantly enhance energy efficiency and operational control, thereby creating a more sustainable and user-friendly environment.
- New primary pumps were installed to guarantee a reliable and efficient flow of water throughout the theatre. This upgrade not only supports the overall functionality of the venue but also promotes sustainability by optimizing water use and reducing energy consumption.
- We have replaced the outdated Airedale chiller with a state-of-the-art unit, ensuring optimal cooling efficiency for the entire theatre. This enhancement is designed to significantly improve the comfort of audiences and performers alike while reducing energy costs.
- A new pressurisation unit was also installed, providing consistent water pressure throughout the building, which is crucial for maintaining effective heating, cooling, and overall functionality in the theatre's operations.

Value: £310,000



Our Projects



Chailey School Labour only full MEP Package

- Full MEP installation of domestic and Cat5 water services for 12 toilet blocks, science suites, and kitchen in the new school extension.
- Steel heating pipework, air source heat pump pipework, domestic services, 75+ radiators, and soil/vent pipework for bathrooms, labs, and kitchens.
- New plant room installation.
- Electrical installation of small power, sockets, classroom dados, air source heat units, AHUs, and related equipment.
- Extended mains incoming power with additional armoured cable supply to the new floorspace.

Value: £420,000

Holy Rood School Plumbing Package

- New booster set, calorifier, and hot and cold water distribution system
- Isolation, Strip-out and disposal of existing pipework and fittings
- Installation of new distribution pipework and fittings
- Supply & installation of blending valves/TMV's
- Pre commissioning and cleansing of hot and cold services
- Electrical works in connection with Mechanical works
- Existing tank made redundant and kept in place

Value: £117,500





Hailsham Care Home & Chichester Care Homes Ventilation Only Package

- Hailsham & Chichester care homes are a high-end facility for the elderly.
- The projects included the supply and install of all ductwork.
- We facilitated the installation of specialist fire rated ductwork .
- We installed the building fire dampers & fire smoke dampers.
- Installation of all attenuators, grilles and cowls. We tested the extractor fans throughout the building in communal spaces such as toilets, bathrooms & kitchens. These are tested to see how much air they extract.
- A member of the team then commissioned the ventilation systems, such as Mechanical Ventilation Heat Recovery (MVHR). These were balanced, to make sure the correct amount of air is either being extracted from or supplied to every room in the building.
- Following the success of Hailsham Care Home, Bau were then awarded Chichester Care Home by our repeat clients.

Combined Value: £200,000



Our Projects



F45 Glasgow Gym Fit Out Design and Build

- Installed a new VAM 1000 Ventilation system to provide fresh air and extract for the gym floor and changing rooms, including a new extract fan and ductwork.
- Added domestic services with a 500-liter hot water cylinder serving showers, toilets, and sinks.
- Implemented new galvanised conduits within the gym floor for high-level lighting and power services.
- Set up a data network to support all audio and visual equipment.
- Installed a modern lighting system with local switching and PIR sensors to control suspended LED linear lights.

Value: £111,000

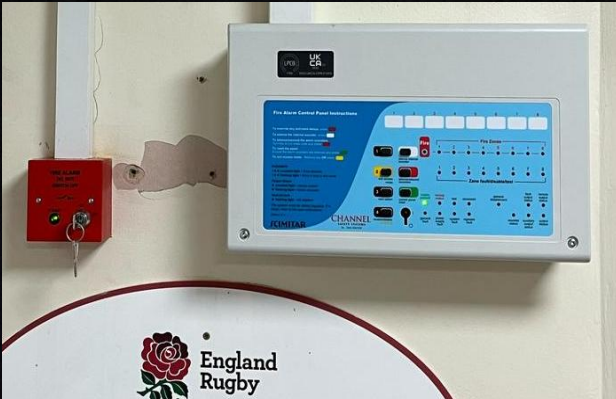
Broadgate House HVAC Package

- Installed three heat recovery units to improve energy efficiency by reclaiming wasted heat from air or water systems for reuse in heating.
- Each unit features heater batteries to warm air for optimal temperature control and comfort.
- Included a dedicated laundry extract fan to efficiently remove excess moisture and heat from laundry areas.

Value: £20,000



Our Projects



Stockwood Park Fire Alarm Package

Installation of Conventional Fire Alarm System - 3 Zones

- Custom Design and Installation: Installed quality smoke and heat detectors with manual pull stations across three zones.
- Centralized Control: Connected zone devices to a control panel for efficient communication.
- Testing and Training: Verified functionality through testing and provided user training and documentation.

Value: £12,000

Whiteleys Fire Alarm Package

Installation of Addressable Fire Alarm System - 4 Zones with Landlord Interface

- System Design: Created a four-zone addressable fire alarm layout with landlord interface.
- Device Installation: Installed intelligent detectors and modules for accurate location and connectivity.
- Testing and Coordination: Conducted thorough testing and collaborated with the landlord for integration and readiness.

Value: £26,000

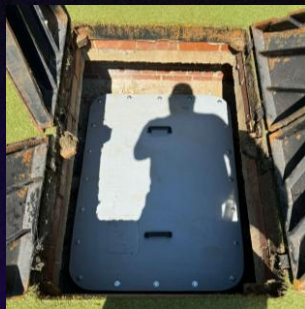


Our Projects

At Bau Group, we specialize in a comprehensive range of small works services tailored to meet your needs. Our expert team is ready to handle all your mechanical, electrical, plumbing, HVAC, fire and security, access control, and electric charger projects under £10,000, encompassing repairs, maintenance, and prompt call-outs. We understand the importance of these essential systems in your daily operations and strive to ensure they run smoothly and efficiently. Our commitment to quality and customer satisfaction drives us to deliver reliable service in every project, no matter how small. With prompt response times and skilled technicians at your service, you can count on us to address your needs swiftly and effectively, all while maintaining the highest safety standards.

Holy Family School Lid Replacement

Remove the existing lid, clean the surface, install the new tank lid, and test to confirm secure connections.



Our Lady Muswell School AC Repairs

investigate the units, restore optimal cooling efficiency, and address all operational issues.



Hampshire House Maintenance

Perform a filter clean on 13 indoor units, a coil clean and protection spray on 2 outdoor units.



Homefield Ductwork

Installed two state-of-the-art Heat Recovery Units (HRUs) for enhanced energy efficiency and comfort.



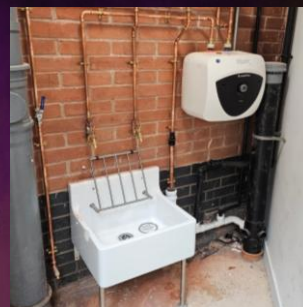
Recycleye Electrical

Install new power supplies, isolate and remove existing cabling, adapt and reconnect controls, conduct a phase balance check, and perform electrical testing and certification.



Coventry College Plumbing

Supply and install a new cleaners sink, while isolating, capping, and stripping back services to the sink in the beauty room, and cutting off and looping the pipework for 2 radiators.



Tesco

"I am writing this to express my gratitude to you and your team...From the start of our business relationship we knew that delivering these projects could be complex. Especially one where I had to change the complete delivery team at the eleventh hour and you stepped in to fill the breach, as is usual on most if not all projects the complexities grow accordingly with deadlines and permitting issues, etc. Since you and your various team's introduction to my projects, you have shown a strong commitment to their success. Your attention to detail and understanding of the critical path and timing has been vital to my ability to meet our schedule. In a very short time, we have formed a real "team" attitude dealing with phasing issues, deadlines, scheduling, and numerous third parties." Thank you for the superior job that your teams have done...I found you to have provided solid M & E advice, with a high level of professionalism, being very responsive to any request I had, with quick completion and outstanding communication. I have had experience with other delivery teams. Simply put, your teams are superior in every way. I have no recommendations on any improvements you could make. "I hold Tony & Ryan and their firm in high regard for their excellent ability as well as their pragmatic, efficient and professional way of doing business....you have always been a joy to work with personally and your attitude displays a fairness, acceptance of accountability, and always seeing value for me as the client. You treat people, and clients as team members and respect the opinion of others on the team, You are also unafraid to point out the challenges of each project so these can be addressed and solved systematically and fully. Tony's personal philosophy of providing excellent service and value while building strong business relationships is second to none"

Jockey Fields

"We're excited to be nearing the completion of our office, reception, and WC refurbishment in Holborn. A huge thank you to our incredible team for their hard work and dedication. Special thanks to Ryan Croll from Bau Group for the seamless air conditioning installation, your efficiency made a significant difference. We also extend our gratitude to all the skilled operatives who contributed to bringing this project to life."

Testimonials

Broadoak

"We recently had the pleasure of working with Ryan Croll and the Bau Group for the installation of our EV charger, and we couldn't be more satisfied with the results. From the initial consultation to the final installation, Ryan and his team exhibited professionalism and expertise at every stage. Their ability to work around our schedule, ensuring minimal disruption to our daily operations, was greatly appreciated. Bau Group delivered on time and within budget, and their responsive communication made the whole process smooth and stress-free. We truly felt like partners throughout the project. We highly recommend Ryan and the Bau Group given their commitment to excellence and client satisfaction."

Stockwood Park

"May I on behalf of Stockwood Park RFC, thank BAU Group for their continued support and their wonderful donation and successful installation of the new scoreboard, at our clubhouse. The club has been in existence for nearly eighty years and have never had a scoreboard. The whole club was absolutely buzzing on Saturday for the unveiling, from the young children who form the mini section to the elder members who built the foundations of the club. This kind of donation is exactly what the club has been lacking for many years and for BAU Group to not only suggest the idea, cover all costs and provide an outstanding installation, is testament to yourselves. As you know SPRFC is Luton's only community rugby club. Our Mini, Youth and Senior sections are staffed by volunteers who give their time (and sometimes money) to provide rewarding and enjoyable rugby experience for the whole Luton community. We cannot thank Bau Group enough for this wonderful gesture, we look forward to hopefully seeing you up the club sometime soon, if we can offer any assistance, please do not hesitate to contact us and again many thanks."

"We have employed the Bau Group for several projects in the past two years, the most recent being the successful upgrade of the rugby clubs fire alarm system. As a sports club, budgets are always tight and works have to be conducted sometimes when premises are being used. The reason we choose BAU Group is because they always deliver, are always on time, are always in budget and should unforeseen circumstances occur, they are there to not only offer advice but solutions, that are workable to suit everyone's requirements. A very professional company, who we are pleased to recommend and provide a testimonial, for their outstanding assistance, from project design, needs and onto project completion."

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New Perspective On Building Services

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