

Process Driven Project Delivery.

Utility, Construction & Project Management



Your Project Delivery Partner



Who we are

An experienced team offering full service project delivery programmes.



Our experience

WorkFlow Services (WFS) was established in April 2021 and are an ambitious SME driven by providing excellence. We are passionate about sharing the knowledge, experience and learning gained on past projects.

With experience in all aspects of the utility and construction industry, we provide professional advice and project management to clients; from feasibility and procurement through to construction and completion.

We have the expertise and resources to provide a flexible approach to professionally delivered projects - compliant with the recognised industry standards.

Awards:



Accreditations:



Clients:





Our vision



To uphold the highest level of SHEQ compliance



To introduce innovative solution to our projects



To become a key player in the utility and construction sector



What we do

Strategic

We work as part of your core team, understanding your objectives & working with you strategically to deliver results.

Professional

The WFS team are professional consultants who are driven by achieving measurable results.

Experienced

Every team member is highly experienced in their chosen professional discipline.

Consultancy

Our partners and associates are consultants with years of practical experience, giving you peace of mind.

Innovation

Innovation is key, when we innovate we create opportunities and breakdown traditional ways of working.

Results





We continually monitor and evaluate our progress to ensure all projects deliver the right results at the right time.

Our Industries

We leverage our expertise to deliver innovative solutions in the following industries.



Utilities

-  Gas
-  Telecommunications
-  Water
-  Electrical






Construction & Infrastructure

-  Commercial
-  Residential
-  Roads
-  Bridges



Renewable Energy

-  Biomass
-  Waste to Energy
-  Green Hydrogen



Our Commitment

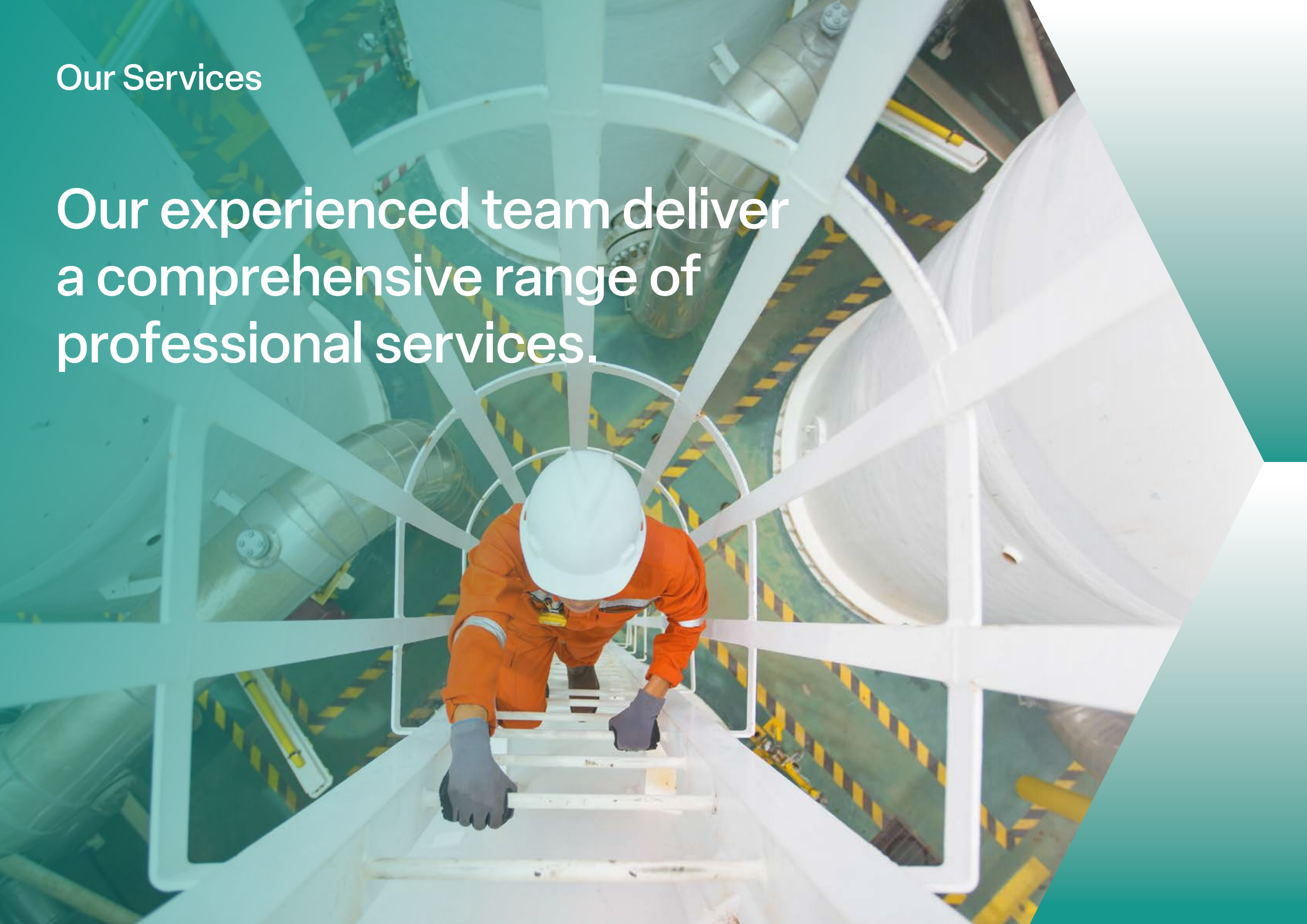
At WFS, we understand the importance of reliable utilities, robust infrastructure, and sustainable energy sources in driving economic growth and enhancing the quality of life. That's why we have positioned ourselves as a leading provider of comprehensive construction services, specializing in utilities, infrastructure development, and renewable energy projects.

We are committed to providing exceptional service, fostering long-term relationships, and working alongside you as your reliable partner.



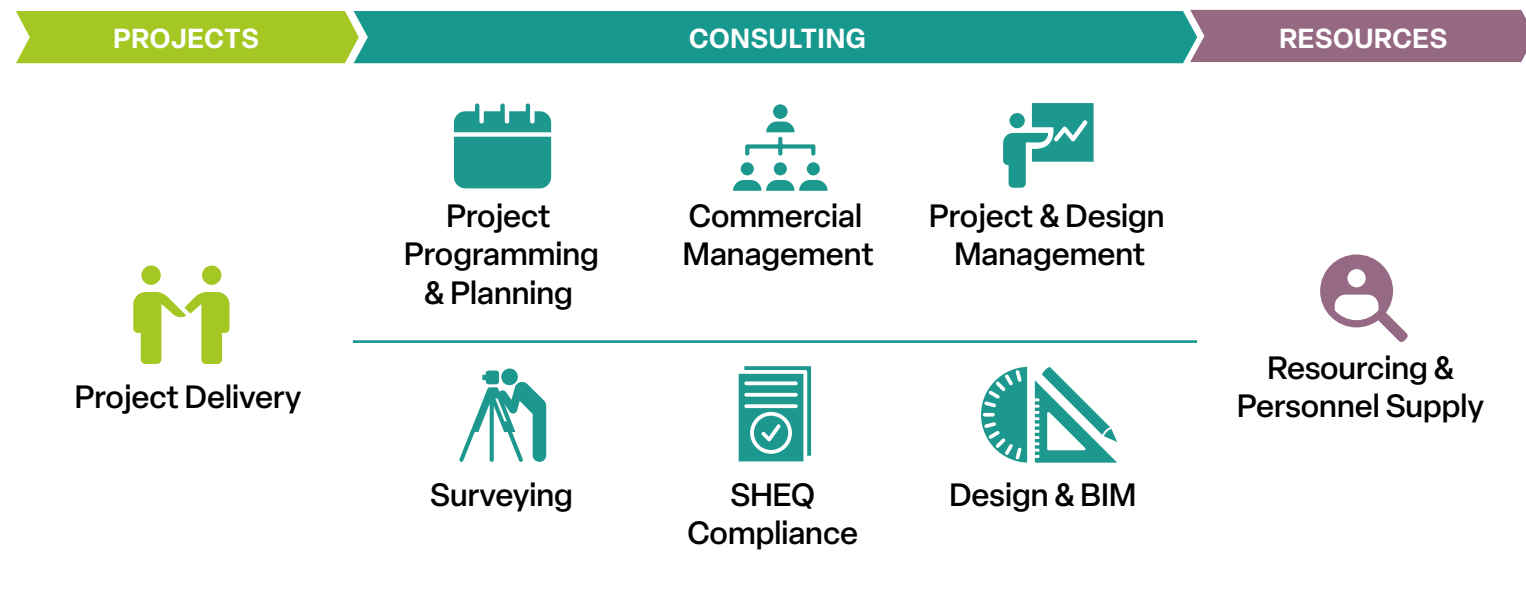
Our Services

Our experienced team deliver a comprehensive range of professional services.



Introduction

WorkFlow Services, where excellence, innovation, and results converge to shape the future of multi-disciplinary projects in the utility and construction industry. We're a progressive force committed to making your project's legacy a positive influence on the world. We're not just a service provider; we're your dedicated partner, working collaboratively with you. Our business operates under three key divisions (Delivery, Consulting, Resourcing) to ensure we are positioned in the market to cater for a whole variety of clients needs. Our Service Model is illustrated below:



PROJECTS

Project Delivery



Principle Contractor/Designer, Main Works Contractor, Management Contracting, Target Cost Arrangement, Procurement, Commissioning, Onsite/Offsite Management

CONSULTING

Design & BIM



Full Service Design Engineering, Civil & Structural Design, Mechanical & Piping Design, Building Information Modelling (BIM), Category 2/3 Checks, Construction Methodology, G17 Approval and Appraisal, Snag Lists – Final Handover Reports, Verification Engineering

CONSULTING

Project & Design Management



Employers Agent/Project Managers, Construction Management, Planning and Consent Advisory, Work Coordination, Temporary Work Management, Site Management

CONSULTING

SHEQ Compliance



CDM 2015 Management, Principle Contractor, Principle Designer, SHEQ Advisory, Quality Control, Document Control, HAZOP/HAZID Chair

CONSULTING

Project Programming & Planning



Programme Development, Lifecycle Management, Multi-Project Portfolios, Reporting, Risk Management and Cost & Schedule Risk Analysis

CONSULTING

Commercial Management



Contract/Tender Preparations & Negotiation, Procurement and Contract Administration, Change Management, Risk Management/Analysis, NEC Contract expertise, Cost Planning & Management, Valuations & Final Account, Feasibility Studies, Cost Analysis, Estimating, Valuations & Payments

CONSULTING

Surveying



Laser scanning/3D Modelling, Structural Surveys and Condition Reports, GPR Surveys, Topographical Surveys, Building Surveying, Drone Surveys, Ecological and Arboriculturalist Surveys, Site Surveying & Setting Out

RESOURCES

Resourcing & Personnel Supply



Payroll Services, CIS Administration, Temporary Workers, Professional Services, Site Resources

Project Delivery

With our multi-disciplinary expertise and commitment to excellence, we offer a comprehensive suite of services, ensuring that every facet of your project is meticulously handled. Here's an overview of the key areas of delivery we specialise in:



1. Principal Contractor

We take on the role of Principal Contractor, overseeing the entire construction process. Our experienced team ensures that the project adheres to the highest safety standards, stays within budget, and is delivered on time.



3. Management Contracting

Management Contracting provides flexibility and control throughout your project. We facilitate effective decision-making, ensuring that your objectives are met without compromising on quality.



2. Main Works Contractor

The Main Works Contractor is at the forefront of executing your project. With WorkFlow Services, you can rely on our professionals to manage every aspect of the construction process with precision and expertise.



4. Delivery Approach

Our team's dedication to excellence, innovation, and delivering results ensures that your project's legacy will be one of success. From the inception of a project we implement our ISO certified Plan, Do, Check, Act model.

Consulting - Professional Services

We offer a wide range of specialised services, ensuring your projects are managed with precision and compliance. These include:

1. Project & Design Management

At WorkFlow Services, we're here to streamline the complexities of project management and design. Our services include:

- Employers Agent / Project Managers: We act as your trusted representatives, overseeing the project on your behalf.
- Construction Management: From planning to execution, we expertly manage the construction phase.
- Planning and Consent Advisory: Navigating the intricacies of planning and consent to keep your project on track.
- Work Coordination: We ensure seamless coordination among various project elements.
- Temporary Work Management: Safeguarding the integrity of temporary structures/work.
- Site Management: Efficiently managing every aspect of on-site operations.

2. Project Programming & Planning

Our project programming and planning services ensure that your projects stay on time and within budget. We offer:

- Project Programme Development: Crafting a detailed roadmap for project success.
- Project Lifecycle Programme Management: Overseeing the entire project lifecycle
- Programme Risk Management: Identifying and mitigating project risks.
- Cost & Schedule Risk Analysis: In-depth analysis to minimise financial and time challenges.

4. SHEQ Compliance

Safety, Health, Environment, and Quality (SHEQ) compliance is integral to project success. Our SHEQ services include:

- CDM 2015 Management: Complying with the Construction (Design and Management) Regulations 2015.
- Principal Contractor & Principal Designer: Managing key roles in safety and design compliance.
- SHEQ Advisory: Providing expert advice on safety, health, environment, and quality matters.
- Quality Control & Document Control: High standards and organisation are maintained.
- HAZOP / HAZID Chair: Leading Hazard and Operability (HAZOP) and Hazard Identification (HAZID) studies to identify and mitigate risks.

3. Principal Designer

Safety and design go hand in hand. Our Principal Designer services focus on incorporating safety considerations into the design phase, creating a secure and efficient project environment from the outset.







5. Commercial Management

Our commercial management services ensure that your project is financially sound. We offer:

- Contract Preparations & Negotiation: Crafting and negotiating contracts that protect your interests.
- Contractual & Legal Advice: Offering guidance on legal matters and contractual obligations.
- Procurement Administration: Streamlining the procurement process for efficiency.
- Cost Planning & Management: Carefully planning and managing project costs to stay within budget.
- Valuations & Final Accounting: Accurate valuations and final accounting for financial transparency.
- Feasibility Studies & Cost Analysis: Conducting in-depth studies and analysis to make informed decisions.
- Estimating: Providing precise cost estimates to guide project budgeting.
- Valuations & Payments: Ensuring timely valuations and payments for all project stakeholders.

Surveying

Our comprehensive surveying services cover a wide range of aspects crucial to informed decision-making and project success. Here's an overview of our specialised surveying services:

-  1. **Laser Scanning / 3D Modelling:** Our advanced laser scanning and 3D modelling services capture intricate details of your project site, allowing for comprehensive spatial analysis and visualisation. This technology ensures that every aspect of your project is thoroughly understood and accurately represented.
-  2. **Structural Surveys and Condition Reports:** Our expert structural surveys and condition reports assess the state of existing structures, providing a detailed understanding of their condition, strengths, and weaknesses. This data is invaluable for making informed decisions about renovations, repairs, or new construction.
-  3. **GPR Surveys:** Ground Penetrating Radar (GPR) surveys offer non-invasive subsurface analysis. We use GPR technology to detect buried utilities, assess foundation conditions, and identify potential hazards, safeguarding your project against unforeseen issues.
-  4. **Topographical Surveys:** Topographical surveys provide a detailed representation of the project site's natural and man-made features. They are essential for accurate site design, planning, and construction, ensuring that the project is harmoniously integrated with its environment.
-  5. **Drone Surveys:** Drone technology allows us to capture high-resolution aerial imagery, conduct site inspections, and assess hard-to-reach areas efficiently and safely. This data is invaluable for project planning, monitoring, and documentation.
-  6. **Ecological and Arboriculturist Surveys:** For projects that involve sensitive natural environments or require consideration of trees and vegetation, our ecological and arboriculturist surveys provide vital information on habitat, wildlife, and tree health. This data ensures compliance with environmental regulations and the responsible management of natural resources.

Our extensive design and BIM services provide the foundation for intelligent project development and execution. Here's a closer look at our comprehensive offerings:



Design and BIM Services

Full Service Design Engineering: We offer end-to-end design engineering services, ensuring every aspect of your project is meticulously planned and executed, from concept to completion.

Feasibility Studies: Before a single blueprint is drawn, we conduct feasibility studies to assess the viability of your project, exploring various scenarios and approaches.

Conceptual Design: Our conceptual design phase sets the artistic and functional direction for your project, crafting a vision that aligns with your objectives.

Front-End Engineering Design (FEED): We dive into the technical details, refining the project's design and preparing it for the next phases of development.

Detailed Design: Our expert team translates the project's vision into detailed designs that cover every aspect, ensuring precision and clarity for the construction phase.

Civil & Structural Design: We specialise in civil and structural design, creating the solid foundation and framework on which your project will stand.

Mechanical & Piping Design: Our mechanical and piping design services optimise equipment sizing, pipeline routes, and complex pipeline special crossings and structures.



Building Information Modelling (BIM)

Building Information Modelling (BIM): Our BIM services offer a multidimensional approach to project development:

- **3D Renders:** Visualisation brings your project to life with stunning 3D representations.
- **4D Time Integration:** Allowing you to visualise project progress through time
- **5D Cost Integration:** Manage project costs with integrated financial data.
- **6D Sustainability Modelling:** Incorporate sustainable practices into your project
- **7D Facility Management:** Efficient facility management, ensuring longevity and optimal use.
- **Walkthroughs:** Take virtual tours of your project before it's built, visualising the end result.
- **Category 2/3 Checks:** To ensure compliance with industry standards and regulations.
- **Method Statement preparation:** For safe and efficient project execution.
- **Snag Lists / Final Handover Reports:** Pinpoint issues and ensure a smooth handover
- **Verification Engineering:** Guarantee the quality and accuracy of your designs.

Third Party Checks and Assurances: completion of 3rd party checks and approvals of design works, including; CAT II & CAT III, G17 Approval and Appraisal in classifications of Civil, Mechanical, structural, stress analysis and Cathodic Protection engineering.

Resourcing

Our diverse range of resourcing and personnel supply services ensures you have the right people and resources to drive your project's success. Here's an overview of the specialised services we provide:



Staffing Services

- **Payroll Services:** Simplify your payroll management, ensuring your workforce is compensated accurately and on time.
- **CIS Administration:** We handle the intricacies of the Construction Industry Scheme (CIS), keeping you compliant and worry-free.
- **Temporary Workers:** We provide temporary workers, ensuring you have the necessary manpower for your project.



Discipline Engineers

- **Civil:** Our civil engineers handle the design and construction of infrastructure and civil projects.
- **Structural:** Structural engineers focus on the integrity and safety of structures.
- **Mechanical:** Mechanical engineers design and oversee mechanical systems and equipment.
- **Process:** Process engineers handle chemical and industrial processes to optimise production.
- **Design Engineers:** Our design engineers work on innovative design solutions for projects.
- **Design Management:** Effective design management is critical to project success, ensuring that the design aligns with project objectives.
- **Document Controllers:** We offer document control services to keep project documentation organised and accessible.



Professional Services

- **Project Managers:** Our project managers are adept at overseeing every aspect of your project, ensuring it stays on track and on budget.
- **Authorising Engineers:** We provide expert engineers with the necessary authorisation to ensure safety and compliance.
- **Competent Persons:** Our competent persons offer their expertise and experience to guarantee that all aspects of your project meet industry standards.
- **Site Managers:** Our site managers are skilled at overseeing on-site operations, from safety to construction.
- **Site Supervisors:** Skilled supervisors ensure that work is conducted effectively and efficiently.
- **Site Engineers:** Our site engineers bring technical expertise to the field, offering guidance and problem-solving as needed.
- **Setting Out Engineers:** Precision is key, and our setting out engineers ensure that your project's dimensions and layout are correct.
- **Planning Engineers:** We offer planning engineers to create effective project schedules and ensure timely completion.



Site Resources

- **Engineers:** We provide engineers across various disciplines, including civil, structural, mechanical, and process.
- **Technicians:** Our technicians support engineering and technical tasks to ensure project efficiency.
- **Labour:** Skilled labour is essential for construction projects, and we provide the workforce needed for your project's success.

Case Study

PROJECTS

Nitrogen Decommissioning Main Works



Summary

Our Client
Cadent Gas

CDM Role
PC

Model
MWC

Contract Value
£2M

Programme
12 Months

Following on from the successful pre-enabling/pre-construction works on this scheme, our client, Cadent Gas, contracted WFS to plan, manage and complete the main works contract which consisted of the decommissioning of the 6" ST MP Berwick Pond Road to Corringham pipeline (15.8km), as well as the 14" ST MP Dagenham (Fords) to Mardyke pipeline (12.7km), which was to be decommissioned and Nitrogen filled. Our role, consistent with a contract management style of operation, incorporated the delivery of the main works involving approved SCO Competent Personnel working to approved non-routine operations (NRO's). The output was to deliver accurate project reporting through to data capture back to the Client. All of this was aligned to the writing and delivery of the main works competitive tendering management process. The WFS team ensured Cadent's NOMS and decommissioning targets were achieved by the end of the financial year, it was vital that the project was planned, managed effectively in order to decommission both pipelines within the tight timescales expected by the client.

Project Scope

- Main Works Contractor adopting a management contractor style

Services

Decommissioning consisting of

- 12km of 8" MP
- 15km of 12" HP (Nitro fill)
- 4km of 6" MP
- 2km of 8" MP
- 6x service transfers
- 2x above ground crossing removals
- 2x pig trap removal
- 1.5km of 10" MP
- 1.2km of 8" MP

Case Study

PROJECTS

A30 Leakage Remediation Scheme



Summary

 Our Client
Cadent Gas

 CDM Role
PC

 Model
MWC

 Contract Value
£500k

 Programme
7 Months

Along the A30, a 24" ST MP gas main manifolds into two 16" ST MP mains which sits within a proprietary bridge decking system along the Runnymede Bridge over the Thames River. It was evident that at least one of the 16" mains was leaking which was likely to be coming from the aging expansion joint. The system could operate with only one 16" main operational and therefore the original scope was to abandon and cut and cap one of the mains leaving one operational. Following initial site investigations, the bellows and valves were worse than originally expected which meant valve operations could not be undertaken to remediate the gas leak. To enable the two 16" mains that cross the bridge to be tested, we isolated the mains that fed them by means flowstops and installing two 600dn valves on the 24" main. While the operational works were going on to cut and cap the mains, we also undertook a design feasibility study to determine the best course of action to put the gas network back to a condition where it could operate in the area safely.

Project Scope

Phase 1

- Mobilisation and traffic management set up
- Carry out two trial holes to locate the 24" mains north and south
- Carry out camera survey to assess joint location for stoppling operation
- Excavate 3 pit system, north and south for 2 way 24" stopple and valve hole
- Supply, install and concrete in stopple tees
- Carry out stopple operation, cut main and install valves, decommission 16" pipe work across bridge deck
- Backfill and reinstate

Phase 2

- Strip out north & south chamber of 4x valves, 4x bellows and associated pipework
- Carry out pressure test 16" pipe work across bridge deck
- Make good site, demobilise and remove traffic management

Case Study

PROJECTS

Whytlaydes Lane, Cookham Demolition and Remedial Works



Summary

 Our Client
Cadent Gas

 CDM Role
PC

 Model
MWC

 Contract Value
£480k

 Programme
4 Months

Cadent engaged with WFS to complete the demolition of the Cookham AGI building housing the governor, requiring existing pipework termination, extending the existing building foundation and installing a kiosk to protect the remaining live gas asset. The site had not been maintained for some years, was in a state of disrepair and severely overgrown, an ecology survey identified roosting bats and protected birds so the scheme was altered to protect these species. In addition, asbestos was also identified on site – and its removal factored into the works. WFS liaised with SSE regarding termination of power prior to demolition and a deep excavation permit was required to enable disconnection works. WFS had weekly progress meetings with Cadent during works.

Project Scope

- The demolition and site reconciliation of a Cadent AGI site
- Demolition of a large governor house building, including asbestos removal
- LP & MP decommissioning and cut and cap
- General site remediation including fencing and minor civils
- Installation of a new governor housing, including new foundations

Case Study

PROJECTS

Bethnal Green PRS




Summary

 Our Client
Cadent Gas

 CDM Role
Client

 Model
PMO

 Contract Value
£250k

 Programme
6 Months

WFS were employed by Cadent Gas to undertake the design management, procurement and project management delivery of the relocation of the PRI (2barg Medium Pressure (MP) to 75mbarg Low Pressure (LP). The project involved supplying commercial and programming activities, all the relevant safety and quality documentation along with the handover documents. The impact on the surrounding area was managed through weekly co-ordination meetings with Tower Hamlets council. One of the challenges faced by WFS was in managing final customer expectations. Due to the site constraints around access and the developer's requirement to maximize the land available for redevelopment there were several workshops to give both developer extra land whilst protecting the gas assets. All materials were procured by WFS and the supply chain was controlled to ensure just in time deliveries to remove any site security concerns.

Project Scope

- 3no Gov stream replacement
- Slam shut replacement
- Acoustic ensure of Dist Gov
- New LV grid connection
- New Satellite
- Associated civils
- E&I systems upgrade

Case Study

CONSULTING

HS2 Euston Secondary Diversions



Summary

 Our Client
Barhale Ltd

 CDM Role
Designer

 Model
PMO

 Contract Value
£600k

 Programme
9 Months

WFS were awarded the contract to provide Design for the Secondary Gas Diversions at Euston Station in North London from Barhale Ltd. All the diversions were associated with Cadent owned assets and there were a total of 6 Designs required in this phase of works, which include general arrangement and detailed drawings and diversion reports for a number of Low Pressure (LP) gas pipeline diversions. Works were completed within the regimented design process of HS2 which allowed several stage gates and model integration phases with the HS2 masterplan designers. With several gas diversion designs being conducted as a package rather than as individual contracts, we were able to operate with economies of scale to provide repeated activities at a lesser cost in a time sensitive way. WFS developed a programme and master deliverables list which laid out the timing and process WFS would adopt through the design cycle. All the designs were independently verified using a GIRS accredited design checker which formed part of the WFS deliverables.

Project Scope

- Design Management
- Feasibility Study
- Constructability Study
- Interim and Detailed Design
- 12no secondary gas diversion

Case Study

CONSULTING

Salmon Lane Detailed Design



Summary

 Our Client
Cadent Gas

 CDM Role
Designer

 Model
Project

 Contract Value
£180k

 Programme
3 Months

Cadent engaged WFS to complete detailed design works for the replacement of approximately 100m of 48inch mild steel pipework with a 750mm steel pipework over Salmon Lane Bridge canal and relevant anti-climb protection. The work consisted of a mechanical and civil design package for the proposed pipeline between Lowell Street and Salmon Lane Bridge. WFS were awarded the work by Cadent given WFS's ability to work within their strict timescales to overcome an issue with a cracked weld on one of the bends of the canal crossing. The following deliverables were requested by Cadent in order for the site works to progress: General Arrangement/Route Maps, Engineering Line Diagrams/Mechanical Details, Standard Drawings, CDM Risk Register, Temporary Works Design. WFS had to complete the site investigations and the design as quickly as possible, so as to not impact on the on-site delivery of this section of the network. A key consideration was the potential impact on the Canals and River Trust (CRT) assets and therefore the requirement to complete a consultation and obtain approval from them.

Project Scope

- London Medium Pressure Scheme
- Above Ground Crossing replacement – c25m span
- 48" ST replaced with 750mm ST

Services

- Survey works
- Mechanical Design
- Civil Design
- CP Design
- Stress Analysis
- G17 Approval & Appraisal
- FPSA's
- Vibration Monitoring

Case Study

RESOURCES

HS2 Euston Diversion



Summary

Our Client
Morrison Energy Services Ltd

CDM Role
N/A

Model
PMO

Contract Value
£250k

Programme
12 months

WFS were engaged to support the delivery of a c500m 900mm Steel LP Main in the vicinity of Euston Station. The Project formed part of the wider development of the new Euston Station in readiness to receive the new HS2 rail line. Our works comprised of the design development, installation and assurance, testing, commissioning, and handover of the complete gas diversion. In addition, a temporary diversion of the gas was required to facilitate its permanent alignment (known as Opt. L). Our role consists of design management, overall project management, commercial management, programme management and technical gas engineering advisory services. The complexity of this scheme was deepened by the sheer number of interfaces and design clashes with other utilities and assets. Due to the complicated client structure it has been necessary to work closely with all our key stakeholders on this complex project.

Project Scope

- 350m of 900mm LP steel permanent diversion
- 150m of 900mm LP steel temporary diversion
- Design & Build
- Providing PM, Commercial and technical engineering services

Case Study

RESOURCES

Bilsdale Mast Re-build

waldon

A part of **MGroup**Services

Summary

 Our Client
Waldon Telecoms

 CDM Role
N/A

 Model
Service Provider

 Contract Value
£1M

 Programme
16 Months

WFS has been engaged by Waldon Telecoms to provide various structured resourcing services, both in terms of on-site labour and professional services. The project consisted of a c300m radio mast in the middle of the Yorkshire Dales and spanned a period of 12 months. Waldons adopted WFS as their transient work force provider and acting as a payroll service provider as well as completing recruitment drives and placement of professional services resourcing, such as quantity surveyors, P6 Planners, H&S Managers and engineering resources. WFS employed both on payroll and off payroll resources and completed all right to work checks, CIS administration, and IR35 assessments to ensure employment and tax status were managed appropriately. Bilsdale has led onto several other resource partnerships with Waldons with a continuous relationship with their wider business.

Project Scope

- Re-build of a 300m telecoms mast
- Contract lifting
- Complex steel erection
- Associated civils
- Commissioning

Optimise your project delivery.

**Talk to one of our
friendly team...**

Call: 01625 448 524

Email: Info@wfs-ltd.co.uk

Web: www.wfs-ltd.co.uk

Workflow Services Ltd. Registered in England and Wales.
Registered No: 13335740

Registered Office Address:
Fernbank House, Tytherington Business Park, Springwood Way,
Macclesfield, Cheshire, United Kingdom, SK2XA