



Sustainable, Decommissioning & Demolition Management

Safe and cost-effective project management from conception through to completion

Company Brochure & Project Overview

Contents

- **About Us**
- **Our Client Services**
- **Project Overview**
 - **Manufacturing & Industrial**
 - **Oil & Gas**
 - **Power Generation**
 - **Petrochemical**
 - **Chemical**
 - **Commercial**



About Us

IDS Industrial is an internationally recognised decommissioning & demolition consultancy with extensive experience in high hazardous industries. Our experienced team has been committed to providing total solution for the safe, environmentally secure and cost-effective delivery of decommissioning, decontamination, dismantling and demolition projects worldwide.

We operate a '**One Team, One Goal**', approach to projects where we strongly promote collaborative working between client, project team and contractor to deliver complex and challenging projects safely.

Our specialist industries include Manufacturing & Industrial, Oil & Gas, Power Generation, Petrochemical, Pharmaceutical and Nuclear

About Us Continued

IDS Industrials experience has been built up over 35 years working in the most demanding of high hazard environments whilst maintaining the client's operational requirements. Our capability and experience in both full and partial demolition meets the demands of our clients and exceeds their expectations in the majority of circumstances.

IDS Industrial can assist our clients with the sale of onsite plant and equipment prior to demolition/dismantling further adding value and demonstrating sustainability through reuse rather than disposal.

Our risk-based approach helps clients ensure their liabilities are being managed and maintains their reputation. We pride ourselves on working “with clients” rather than “for clients”

Our Client Services

Works Planning & Preparation Prioritisation

- Preparation of option studies with budget costs and precontract programmes for the project as a whole.
- Liaison with local and regulatory authorities to determine their expectation and timing requirements
- Sequencing the complete works package to determine both the client's operational requirements and the associated hazard and risks relative to the works.

HazDem Assessments

- Chairing, preparation and ongoing management of the HazDem assessments and risk register which is key to the successful completion of the project on time on budget and without incident.
- Identification of precontract decommissioning works to ensure that the project is ready for demolition without incident.
- Identification and development of client information in compliance with the CDM regulations
- De-risking the project to help result in a better SHE and economic benefit

Our Client Services Continued.

Environmental & Sustainability Management

- Environmental assessments and Detailed Quantitative Risk Assessment (DQRA) to demonstrate environmental compliance.
- Identification of waste streams, waste management strategies in order to demonstrate compliance with WRAP protocols
- Environmental permitting surrender where appropriate.
- Management of Planning obligations including demolition notices and building warrants in Scotland
- Management of the Land remediation requirements to meet the environmental obligations of the project

Procurement Support

- Assist the client with the evaluation and prequalification of prospective Principal Contractors.
- Preparation of contract documentation and specification for the decommissioning, demolition/dismantling and remediation where necessary.
- Assist the client with tender reviews and submissions.

Our Client Services Continued.

Decommissioning, Demolition and Dismantling Support

- Fulfilling the role of CDM principal designer or CDM consultant where required under the CDM regulations Reduce the project Risks to ALARP therefore providing and influencing for the safe decommissioning and demolition/dismantling process.
- Assist the client with the preparation and Collation of pre-construction information documentation
- Project Manage the works through to successful completion

On-site Execution Management

- Fulfilling the role of CDM principal designer as defined by the Construction (Design) and Management) Regulations.
- Provision of on-site Project Management Services
- Provision of Safety, Health and Environmental Management Services including the review of the Principal Contractors Safe Systems of Work documentation including lifting Operations and Explosive demolition requirements.

Project: Demolition of Former LNG Storage Facility

Disciplines: Asbestos Removal, Hazardous Waste Removal, Dismantling, Demolition, Pre-weakening, Explosive Demolition & Site Remediation

Duration: 12 Months

Scope of Work: A project where IDS provided full CDM Principal Designer Duties and comprehensive HS&E support to both the client and contractor

A complex project which included the full site demolition including 4 No. 50m high storage tanks, lined with perlite insulation. Explosive demolition techniques were used to cut and drop the tank roofs prior to mechanical demolition by a 45m High Reach Demolition Excavator





Project: Demolition of Former Power Station

Disciplines: Asbestos Removal, Hazardous Waste Removal, Dismantling, Demolition, Pre-weakening & Explosive Demolition

Duration: 10 Months

Scope of Work: IDS were involved with the estimating, project management and safety management of this complex project

The project involved dismantling sections of 5 No. HRSG Units prior to the pre-weakening and collapse of the main structures. The collapse mechanism was designed to allow the HRSG units to collapse away from the retained structures. The design was subject to CAT 3 checks by an independent engineer. The project also included the use of explosives to demolish 2 No. 60m high chimneys





Project: Dismantling of Exploded Gas Sphere

Disciplines: Emergency Response, Dismantling, Heavy Lifting

Duration: 2 Weeks

Scope of Work: IDS were involved with the project management of this complex and high profile project in Egypt

During the construction of a chemical plant in Egypt, a gas sphere exploded during commissioning which resulted in a tragic loss of life

The team were required to carefully dismantle the damaged structure ensuring that structural stability was maintained at all times. The existing structure was heavily damaged by the blast which resulted in damage to the foundations and main columns. The project was completed within a continuous 14 days work programme



Petrochemical



Project: Demolition of Redundant Plant BASF

Disciplines: Asbestos Removal, Dismantling, Demolition, Heavy Lifting

Duration: 2 Years

Scope of Work: IDS were involved with both the Project Management and Health, Safety and Environmental Management throughout the dismantling and demolition phases of this complex project spanning over a number of phases

The entire package of works was delivered whilst areas of the plant was still operational which meant exceptional SHE requirements were maintained at all times to ensure no impact to the existing site was given



Project: Decommissioning & Demolition of Gas Facility

Disciplines: Decommissioning, NORM Removal, Asbestos Removal, Dismantling, Demolition and Remediation

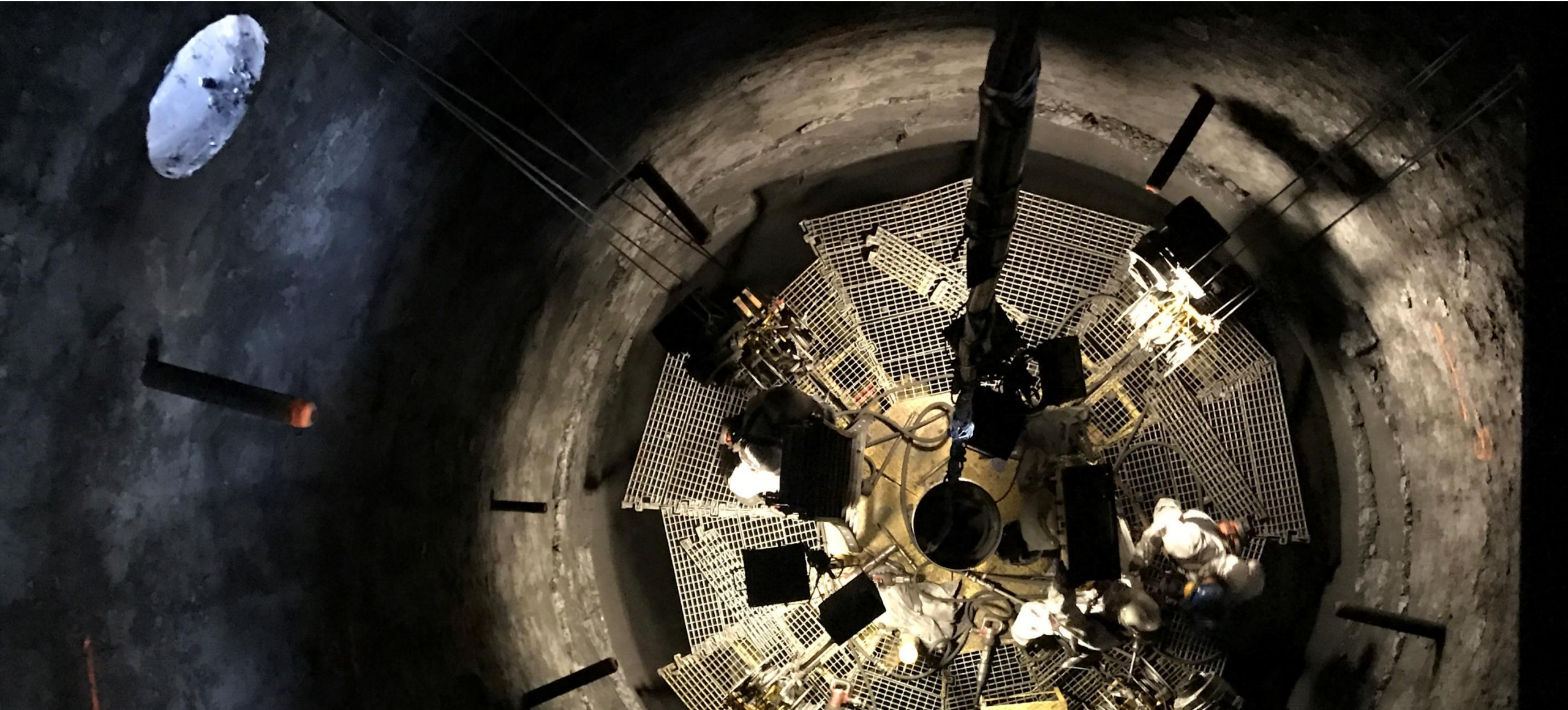
Duration: 18 Months

Scope of Work: IDS had extensive involvement in the project management and HS&E management of this Upper Tier COMAH Site

The project included a comprehensive survey and removal of NORM material (radiation), extensive asbestos removal and the dismantling and demolition of plant & equipment very close to and above a live Upper Tier COMAH Site.

A combination of dismantling, demolition, collapse and toppling techniques were all used. In excess of 12,000t of material was removed from site





Project: Partial Work-down and Explosive Demolition

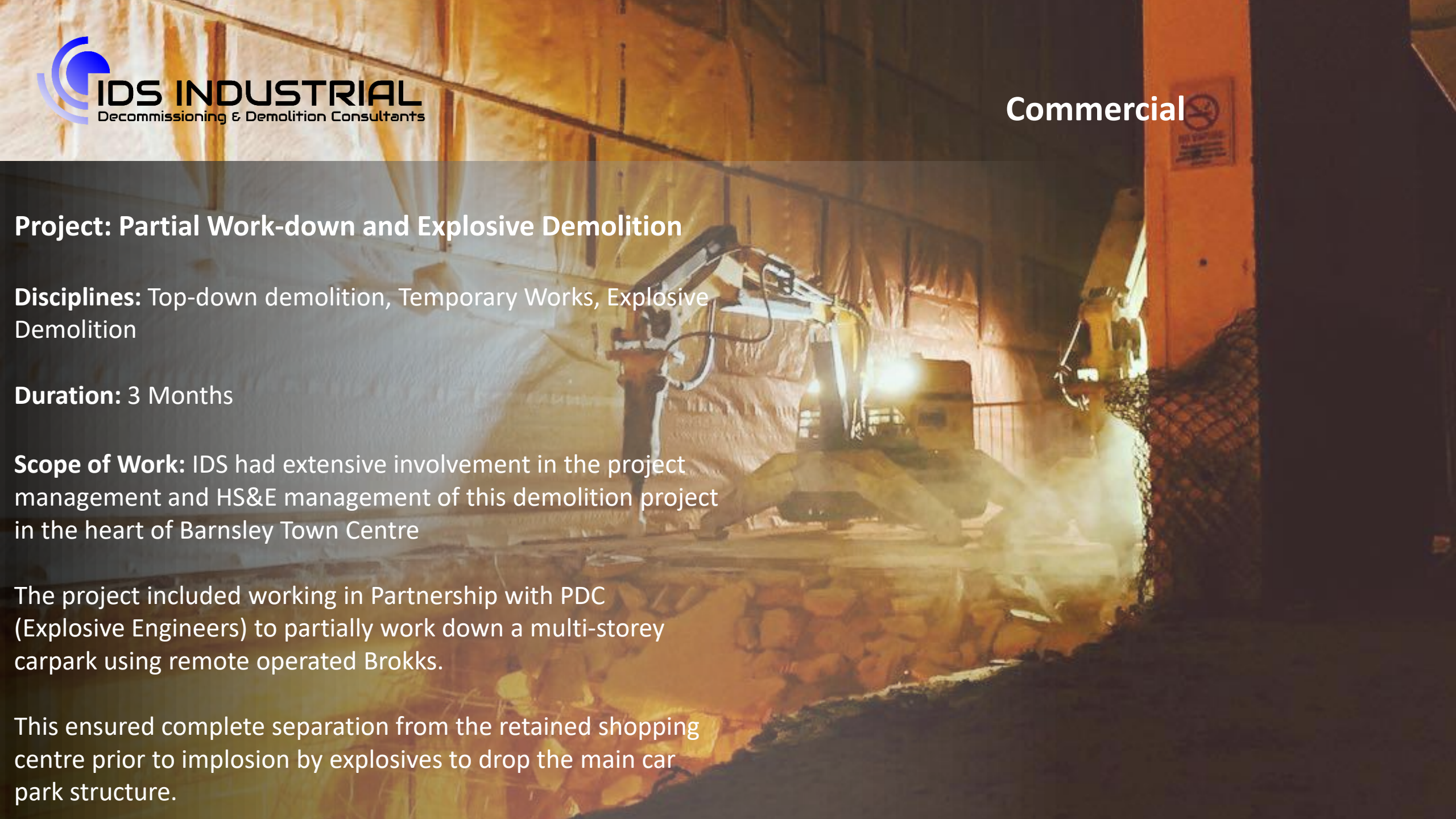
Disciplines: Top-down demolition, Temporary Works, Explosive Demolition

Duration: 3 Months

Scope of Work: IDS had extensive involvement in the project management and HS&E management of this demolition project in the heart of Barnsley Town Centre

The project included working in Partnership with PDC (Explosive Engineers) to partially work down a multi-storey carpark using remote operated Brokks.

This ensured complete separation from the retained shopping centre prior to implosion by explosives to drop the main car park structure.







Innovative, practical and project-orientated thinking

