For the attention of Mr Giles Scott

Dear Giles,

Preesall Lancashire – Underground Gas Storage Project

Lifting Projects UK is a specialist division of Lifting Gear UK Limited.

We are an expanding organisation that has ‘second to none’ expertise in all types of lifting equipment (particularly heavy lifting equipment) and we also offer the same expertise and a full ‘contract lift facility’ with very experienced Appointed Personnel and slinger / banksmen and we are qualified to work in all industries, including but not limited to Oil and Gas, Offshore, Onshore and Renewables throughout the UK.

We are writing to you to offer our support for the proposed Underground Gas Storage Facility at Preesall, being developed by the Halite Energy Group.

Lifting Gear UK Limited has a strong presence throughout the UK and particularly in the North West, with branches in Manchester, Liverpool and Preston. We have reviewed Halite’s £600m construction programme; there is a large requirement for hoisting, jacking and winching of plant & equipment throughout the eight-year period.

Specifically we can help Halite overcome any difficult challenges and we understand that there would be a requirement for the installation / removal of tunnel boring machines on this project. We have worked on the prestigious Cross Rail project in London and carried out a full contract lift facility on 4 occasions – installing 2 tunnel boring machines and then successfully de installing them some 16 months later. Our client was ultimately HerrenKnecht / Cross Rail. Should you require any references then these can be obtained; plus we also won an award off Cross Rail for work carried out on the tunnel boring work in May 2014.

We have also supplied various items of heavy modular spreader beams and heavy wire rope slings and shackles for the successful lifts of the 700t UB07 Forward Island lift and the UB14 Island lift on to the aircraft carrier HMS Queen Elizabeth at the Rosyth Dockyard in Scotland.

We are confident that we can offer our services in a very professional manner and we would treat any enquiries given with the respect they warrant, and therefore suggest that we would be available to attend any meetings that you may request to discuss the situation further.

Assuring you of our best attention at all times,

Yours Sincerely

Andy Stafford
Director

Chris Turner
Director

‘Branches throughout the UK’
Project overview: To increase London’s rail-based transport network capacity by 10% and cutting journey times across the city, that will link east and west London rail routes. Scheduled for completion in 2015, the tunnels will connect Plumstead to North Woolwich and link the existing north Kent rail line to cross rail. Crossrail Limited, a wholly owned subsidiary of transport for London has been tasked with the delivery of a new route at a project cost of £14.8bn.

The Crossrail route will pass through 37 stations and run 118km from Maidenhead and Heathrow in the west, through new twin-bore 21km tunnels below central London to Shenfield and Abbey Wood in the east.

Scope: Through a competitive bidding process, Lifting Projects UK secured the provision of contract lifting services for the de-installation of Tunnel Boring Machine (TBM) Mary at North Woolwich site.

Lifting Projects UK having already installed the TBM at Plumstead where the works began initially, have good back round knowledge of the work involved and therefore had all necessary expertise to undertake the contract lift. The scope of works, based at the North Woolwich site was for planning and managing of the lifting of HMIV’s first 1000 tonne TBM out of the launch chamber. When fully constructed, the TBM extends to over 100m in length. Due to the nature of the project, the team was required to work in close conjunction with Hochtief Murphy JV and the TBM manufacturer Herrenknecht to ensure the safe and timely de-installation of the TBM.

Our Approach: Led by Lifting Gear UK’s Operations Director, Chris Turner, a team of four specialised personnel worked on site for the four week contract duration. Working from our own detailed drawings and method statements, the team provided all the necessary specialist heavy lifting equipment, compiling of Saren’s Liebherr LTM 11000D mobile crane rigged on 56.4m main boom c/w 31.5m Derrick mast and 100t counterweight tray, rigged on 11.3m riggers and capable of lifting 102 tonnes @ 28m radius.

The team positioned the crane at the portal end to enable them to remove the various TBM sections valued at approx. £1m each through the temp works propping structure. Lifting Projects UK worked closely with Hochtief Murphy JV in gaining approval from Network Rail for the de-installation methodology.

Follow our specialist division, Lifting Projects UK, on our Blog, www.liftingprojects.com/blog
MONTHLY WINNER

SAFETY AWARD

Presented to:

CHRIS TURNER

Congratulations on your achievement

Date: 01 MAY 2014
Client: Babcock Marine  Project Name: UB07 Block Lift  Date: March 2013

**Project Overview:** The construction and assembly of the Royal Navy’s carriers is one of the UK’s biggest engineering projects; work on the carriers in Scotland, UK is worth c £1.3bn and more than 2000 staff are working on these projects in Rosyth, Fife.

Babcock Marine was awarded the contract for the design and build of two new military aircraft carriers, HMS Queen Elizabeth and HMS Prince of Wales both to be executed from their Rosyth dockyard. On completion, HMS Queen Elizabeth is expected to leave the dockyard in 2014 before beginning sea trials with the Royal Navy.

**Scope:** Through a competitive bidding process, Lifting Gear UK was successful in securing the supply of specialised lifting equipment. The scope was to provide four large modular spreader beams and associated heavy lifting wires and shackles to enable Babcock Marine to successfully lift the 700 tonne 'forward island' onto the deck of the aircraft carrier HMS Queen Elizabeth, using their large overhead crane. The 'forward island' houses the bridge where the captain and navigation crew operate; built in Portsmouth and transported by barge to Rosyth where the aircraft carried was being assembled.

Lifting Gear UK was required to provide a unique 600t x 17.5m modular spreader beam, the only one of its kind in the UK. It also provided 2 x 400t modular spreader beams (1 x 13m and 1 x 12m) and a slightly smaller 260t x 10m modular spreader beam. All the beams were complimented with suitable heavy wire rope slings and sling saver wide bodied AB shackles.

**Our Approach:** Having understood the complexity of the project lift, Lifting Gear UK carried out trial rigs off site at one of our northern England branches using large cranes to simulate both the 'starboard' and 'portside' assemblies. This involved continuous communication with the client to ensure the smooth delivery of the project when commissioned on site.

Our innovative approach was demonstrated further through the implementation of a colour coded identification system bespoke to this project including a portfolio of photographic images to be used as reference on site. We maintained the segregation of the colour coding equipment on delivery to site.

**Client Testimonial:** Alexander Keatings, Heavy Handling Engineer, Babcock Marine

“A big thank you to you both and your team for all the assistance given during the makeup process of the lifting gear, the colour coding definitely helped with the rig up and where necessary we used the photos.

As you will see everything was perfect with the level and it all went very smooth, even got the Defence secretary (Philip Hammond) to lower the lift onto the deck.

Once again thanks very much, and I am sure we look forward to doing business with you again.”
Client: Hochtief Murphy Joint Venture  Project Name: C310 - Mary  Date: April 2013

**Project Overview:** To increase London’s rail-based transport network capacity by 10% and cutting journey times across the city, Crossrail Limited, a wholly owned subsidiary of Transport for London has been tasked with the delivery of a new route at a project cost of £14.8bn.

The Crossrail route will pass through 37 stations and run 118km from Maidenhead and Heathrow in the west, through new twin-bore 21km tunnels below central London to Shenfield and Abbey Wood in the east.

**Scope:** Through a competitive bidding process and due to the success of the installation of the Tunnel Boring Machine (TBM) Sophia in November 2012, Lifting Gear UK was successful in securing the contract lifting service to the Plumstead site in Southeast London to manage the lowering of Crossrail’s second 1000 tonne TBM, Mary, into the ground which, when constructed, extends to 100m in length.

On this second project, the client entrusted Lifting Gear UK with greater project responsibility which required increased labour. The team’s specialist expertise was imperative to the success of the installation.

**Our Approach:** Led by Lifting Gear UK’s Operations Director, Chris Turner, a team of eight specialised personnel worked on site for the four week contract duration. Working from our own detailed drawings and method statements, the team provided all the necessary lifting equipment, large engineered steel mats, timber mats, a 700 tonne mobile crane and a 200 tonne crawler crane.

The team positioned a crane at each end of the portal to enable them to feed the various segments valued at £1m each, of the TBM through the support beams. This precise operation was complex at times with literally millimetres to spare on either side of the portal walling. Once the segments were in situ, they were offered to the Herrenknecht team who continued the build up of the TBM.

**Project Innovation and Client Testimonial: Crossrail onsite (February edition):** “The Thames tunnelling giants have been launched in a different way to any other Crossrail machines, employing a technique that has never before been used in the UK. Sophia and Mary are being pulled rather than pushed into the portal headwall using an innovative technique developed by Hochtief, one half of the Hochtief Murphy joint venture that are building the tunnel.”

Chris Ashton, Hochtief Murphy JV: “Lifting Gear UK were employed by the joint venture to assemble TBM Sophia and Mary. During the assembly of TBM Mary, Lifting Gear UK supplied all the necessary persons to conduct the lifting operations. It is credit to the Company that all 50 or so lifts were conducted next to a live running railway and running tunnel without any interruptions to either. The professionalism the team showed was excellent and our TBM supplier Herrenknecht was more than satisfied with the quality of the work and standards. To see £1m worth of TBM hanging off the crane is daunting enough but with Chris and Team at the helm everything went calmly and smooth.”
Client: Hochtief Murphy Joint Venture  Project Name: C310 – Thames Tunnel  Date: November 2012

Project Overview: To increase London’s rail-based transport network capacity by 10% and cutting journey times across the city, Crossrail Limited, a wholly owned subsidiary of Transport for London has been tasked with the delivery of a new route at a project cost of £14.8bn.

The Crossrail route will pass through 37 stations and run 118km from Maidenhead and Heathrow in the west, through new twin-bore 21km tunnels below central London to Shenfield and Abbey Wood in the east.

Scope: Through a competitive bidding process, Lifting Gear UK secured the provision of contract lifting services for the installation of Tunnel Boring Machine (TBM) Sophia. The scope of works, based at the Plumstead site in South East London was for planning and managing of the lowering of HMJV’s first 1000 tonne TBM into the launch chamber. When fully constructed, the TBM extends to over 100m in length.

Due to the nature of the project, the team was required to work on a 24/7 basis. They worked in close conjunction with Hochtief Murphy JV and the TBM manufacturer Herrenknecht to ensure the safe and timely installation of the TBM.

Our Approach: Led by Lifting Gear UK’s Operations Director, Chris Turner, a team of four specialised personnel worked on site for the three week contract duration. Working from our own detailed drawings and method statements, the team provided all the necessary lifting equipment, large engineered steel mats, timber mats, a 700 tonne mobile crane and a 200 tonne crawler crane.

The team positioned a crane at each end of the portal to enable them to feed the various TBM sections valued at approx £1m each through the temp works propping structure. Lifting Gear UK worked closely with Hochtief Murphy JV in gaining approval from Network Rail for the installation methodology, during which it had to be demonstrated that the adjacent live rail (2.5m away) would not be affected by the lifting operations.

Project Innovation and Client Testimonial:

Crossrail onsite (February edition): “The Thames tunnelling giants have been launched in a different way to any other Crossrail machines, employing a technique that has never before been used in the UK. Sophia and Mary are being pulled rather than pushed into the portal headwall using an innovative technique developed by Hochtief, one half of the Hochtief Murphy joint venture that are building the tunnel.”

Chris Ashton, HMJV Tunnel Agent “I am very pleased with the management of the TBM installation with reference to the lifting operations – well planned, well organised and professionally executed”.
Project overview: To increase London’s rail-based transport network capacity by 10% and cutting journey times across the city, that will link east and west London rail routes. Scheduled for completion in 2015, the tunnels will connect Plumstead to North Woolwich and link the existing north Kent rail line to cross rail. Crossrail Limited, a wholly owned subsidiary of transport for London has been tasked with the delivery of a new route at a project cost of £14.8bn. The Crossrail route will pass through 37 stations and run 118km from Maidenhead and Heathrow in the west, through new twin-bore 21km tunnels below central London to Shenfield and Abbey Wood in the east.

Scope: Through a competitive bidding process, Lifting Projects UK secured the provision of contract lifting services for the de-installation of Tunnel Boring Machine (TBM) Sophia at North Woolwich site. Lifting Projects UK having already installed the TBM at Plumstead where the works began initially, have good backround knowledge of the work involved and therefore had all necessary expertise to undertake the contract lift. The scope of works, based at the North Woolwich site was for planning and managing of the lifting of HMIY’s first 1000 tonne TBM out of the launch chamber. When fully constructed, the TBM extends to over 100m in length. Due to the nature of the project, the team was required to work in close conjunction with Hochtief Murphy JV and the TBM manufacturer Herrenknecht to ensure the safe and timely de-installation of the TBM.

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Lifting Gear UK Ltd is a lifting and handling specialist providing equipment for hire or purchase to both UK and International markets.

**WHAT WE DO**

Our service offer includes:
- Hire of lifting equipment ranging from 0.75 tonne shackle up to 800 tonne modular beam
- Sales of all lifting equipment including material handling products and height safety equipment
- Full service and repair of all your lifting products
- Full inspection of all types of lifting equipment including electric overhead cranes, suspended platforms, lifeline equipment all to comply with LOLER regulations, with immediate access to certification via the Lifting Gear UK secure online facility

We also specialise in:
- Heavy and complex lifting solutions using our large range of heavy lifting equipment
- Our Lifting Projects UK division offer a full ‘Contract Lift’ service from planning and method statements to labour including appointed personnel, lift supervisors, riggers and slingers; all CPCS accredited
- Bespoke design & fabrication of various lifting solutions

**OUR PRODUCTS**

With a vast product portfolio, we are confident that we can offer innovative solutions for all your lifting needs from web slings, round slings, ratchet straps, shackles, chain blocks, lever hoists, standard pallet trucks, safety harnesses, lanyards, chain slings & wire rope slings to name but a few

**COMPANY DETAILS**

Established: 2007    Registration no: 6416624    Employees: 45    Annual Turnover: £4.4m

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