

Tengiz Oilfield



Project:	Tengiz Oilfield
Sector	
Client:	
Contractor:	
Value (approx.):	
Completion Date:	
Description of Works:	<p>Specialist ductwork manufacturers Hargreaves, have just completed the first phase to supply ductwork for a new oilfield development in Kazakhstan. The contract, valued at £600,000 at the UK factory gate, involves the supply of 140 tonnes of rigid ductwork. This will be installed by local contractors in turbine halls, control rooms and a substation in the Tengiz oilfield. This is a super giant reserve close to the Caspian Sea with an estimated reserve of six billion barrels.</p> <p>Hargreaves won the contract against international competition for their ability to meet the stringent delivery programme. Contracts were signed in October and the first shipment left the UK in November. The final shipment will be delivered in spring 2005. The ultimate client, Tengizchevroil (TCO), a joint venture between the Kazakh national oil company and Western producers, has plans to increase output to 700,000 barrels per day by 2010.</p> <p>Work was awarded to Hargreaves by PFD UK, an alliance between Parsons Energy and Chemical Group and Fluor Daniel. PFD is the appointed engineering procurement and construction management company for the project. Over the next 40 years it is projected that TCO will invest around \$20 billion in Kazakhstan developing their energy reserves.</p> <p>Ductwork will be supplied in rigid format, rather than flat pack, to allow site work to progress quickly. For economical shipping, smaller sections of ductwork will be nested inside larger sections. Ventilation systems are needed to ensure comfort for Tengiz oilfield workers and to dissipate process heat in an environment where outside temperatures can fluctuate from minus 36 to plus 44 degrees centigrade. Around 35 tonnes of the ductwork will be fabricated in stainless steel to handle high temperatures and aggressive environment.</p>