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Experience & Vision Worldwide

www.gepuk.co.uk

Engineering Design, Procurement
and Project Management



Introduction

As a global engineering, procurement and project management company, GEP UK has set a high standard of service since 1998.

Our reputation is based on our experience, vision, and integrity of performance worldwide; enabling us to explore the best possible approach to meet our clients' needs.

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Our Company

GEP; Global Engineering and Procurement is an engineering services company based in London, UK.

We have been involved in projects in oil & gas and power generation, as well as major industrial complexes. Our services include engineering design, procurement as well as project management.

Our markets include the Middle East, Africa, as well as Central Asia.

Our speciality is to deliver turn key projects in an efficient and cost effective manner.

This is achieved by close liaison and cooperation with local specialist contractors to the satisfaction of our clients and end users.

GEP has also been involved in joint venture collaboration with highly regarded engineering partners to compliment our expertise and to widen the scope.



Our Services

Engineering Project Management

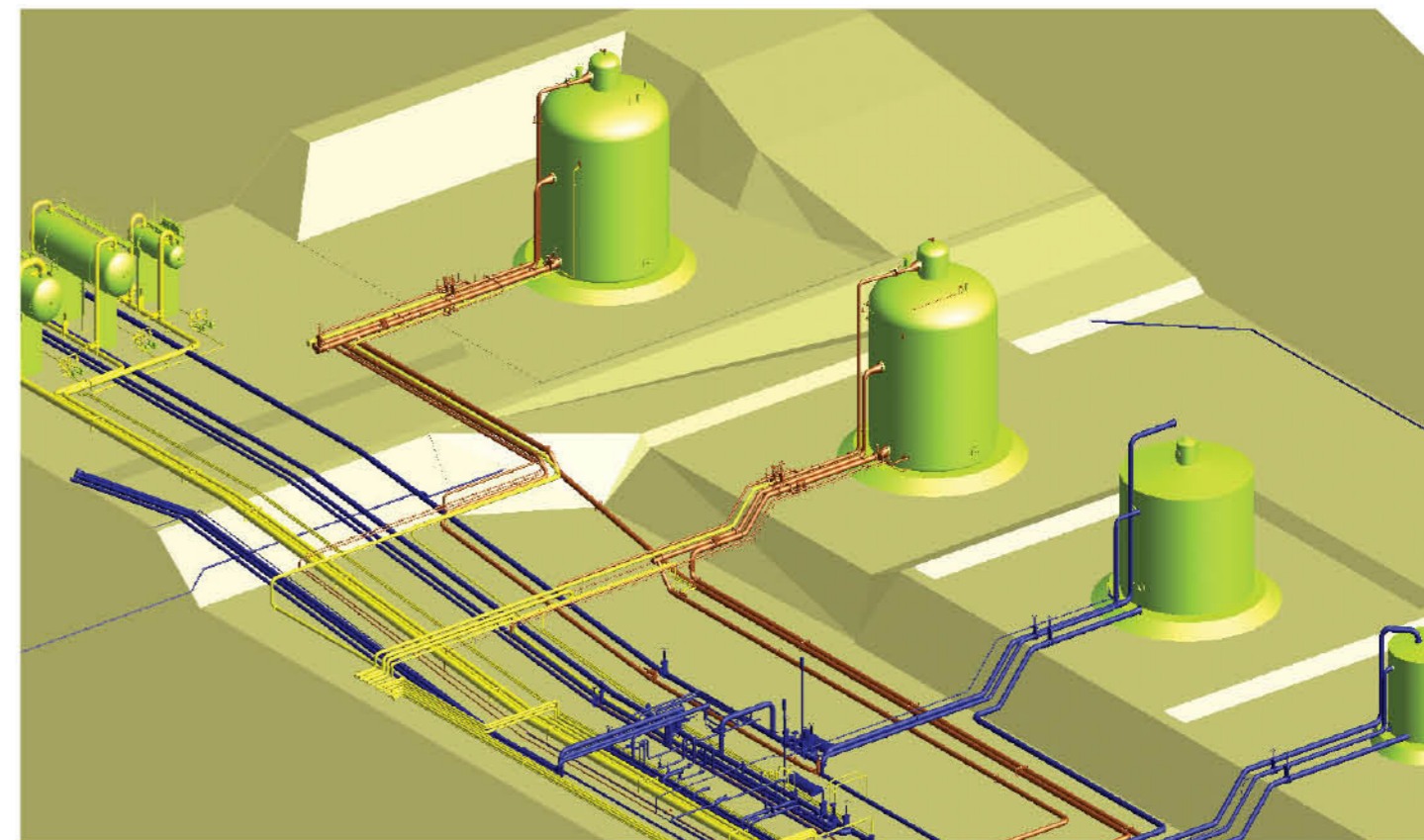
Based on years of experience, GEP can manage all aspects of the project from design, to supply and financial management. GEP's strength is in liaison with suitably qualified local fabricators to facilitate local content and technology transfer. This not only improves the local economy, but also creates a sense of ownership.

Engineering Design

GEP has design capabilities in areas highlighted under the "Our Expertise" section in this leaflet. Engineering design is offered both from the expertise available inhouse as well as from our joint venture/ collaborating partners with specialist skills.

Engineering Procurement

Close cooperation with top class manufacturers of OEM equipment on major projects has enabled GEP to forge strong ties with major equipment manufacturers. GEP can utilise this valuable link to offer competitive and high quality quotations from first class suppliers.



Cheshmehkhosh Surface Facility

Our Expertise

Oil Desalting Packages/Plants:

All oil production facilities include a desalting package/unit and typically consists of the following units:

- Economisers in the form of heat exchangers made from Titanium or Hastalloy
- Indirect heaters (to raise temperature to process requirement).
- Single or double stage electrostatic desalters/dehydrators.
- Instrumentation and control systems for the control of electrical equipment and material.
- Water treatment packages including IGF or hydrocyclones as well as various types of filters for water treatment.
- Water injection and pumping facilities
- Water dilution and water deaerators and associated pumping equipment
- Oily water separators and closed drain system.

Oil and Gas Surface Facilities and Separating Plants:

- Inlet manifolds from oil wells
- Separation banks as one, two or three stage two or three phase pressure vessels
- Heating equipment
- Sulphur strippers
- Degassing, test and production tanks operating at low pressures
- Main line pumping stations
- Set of instruments, control and electrical equipment and material.





Cooling Tower Systems:

Components consisting of:

- Concrete or GRP structure cooling towers
- Cooling water pumping stations
- Cooling water treatment packages
- Side stream filters and softeners
- Electrical equipment and material, instrumentation and control



Industrial Water and Waste Water Treatment Plants:

- Pre-settling, flocculation and clarifying structure and equipment
- Gravel, anthracite and carbon active filters
- Resin exchanging filters
- IGF, hydro cyclone, nut shell and NFV treatments for oily waters
- Oily water and API separators



Oil & Gas and Power Plants' Auxiliary/Utility Systems:

- Service piping networks
- Auxiliary steam and cooling packages for power plants
- Fuel storage and distribution systems
- Compressed air supply and distribution networks
- Potable, industrial and soft water packages.

Automation, Instrumentation and Control of Primary and Secondary Services:

- Substations
- Switchgears
- MCC's
- Packaged instrument supply
- Design of bespoke automatic control systems
- Integration of new with existing systems



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