

Confidential Client
Silica Gels Plant
Jiangsu Province

Twelve-week feasibility study, site overview and cost estimate, completed on time and within budget.

Confidential Client
Agrochemicals
China

Basic engineering, with subsequent development of design to support cost estimates, complete within tight time schedule.

CSPC
Petrochemicals Complex
Nanghai

Part of the BSF joint venture, the project management contractor for the definition and implementation phases of this \$4.3 billion petrochemicals complex.

Sasol / CCWT
Coal-to-Liquids Plant
China

Feasibility study for two 80,000 bpd CTL facilities for conversion of coal into selected fuel products such as diesel, naphtha and liquefied petroleum gas.

China Shijiazhuang Pharma
Soft Gel Capsule Facility
Shijiazhuang

Engineering, procurement, construction management and validation of a soft gel capsule production facility including clean room and process utilities.

Oriental Petrochemicals / Invista
Terephthalic Acid
Shanghai

Basic engineering design, procurement services, ITB preparation and EPC contractor support for new 600,000 tpa PTA plant.

PetroChina
Terephthalic Acid
Liaoning Province

Basic engineering design and procurement, with management of engineering, construction and commissioning for a new 530,000 tpa PTA plant to be integrated with an existing unit, also a FW project.

Shanghai Weike
Biopharmaceutical Facility
Pudong

Design of production building, laboratories, warehouse, office building, utilities building and guard house in two main areas for fermentation, purification, chromatography, filling, freeze-drying and packaging of pharmaceutical products.



the right people with a
'can do' attitude and the
commitment to deliver

China

Local knowledge, global support

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Delivering excellence in China since the 1970s

Over the last thirty years our Engineering and Construction (E&C) and Power businesses have developed a strong track record in China in the refinery, petrochemical, chemical, pharmaceutical and power sectors. We have worked with many design institutes, Chinese suppliers and local construction companies.

Quality Resource

We have established operations in Shanghai and Beijing, with a total of over 700 office and site-based employees working in China. We have an established joint venture manufacturing facility at Xinhui, Guangdong Province, producing steam generation and heat transfer products for industrial markets world-wide.

Our China E&C operations provide high quality, high value, low cost resources consisting of local Chinese staff, with only one ex-pat manager. Our staff are often trained in our international operations, which also provide corporate and project support, as required.

Conceptual Design & Master Planning

We can add value at the concept design stage, liaising with clients either in China or through our global network. We also provide consultancy on site master planning, reviewing the current assets and assessing requirement and potential for new developments.

Site Selection / Feasibility Studies

We offer a full range of services in planning investment in China for both greenfield and expansion projects. Access to the leading technology licensors, together with in-house data, provides a strong base for technical and economic evaluations, and configuration optimization.

Cost Estimating

Our cost estimating service gives our clients an overview of the practical cost of a project in China, taking into account maximization of local supply.

Permitting

Foster Wheeler knows Chinese government procedures and can assist the client in managing permitting work, including FSR, EIA, CPDP, LSHA and OHA. Our Shanghai office has specialists to support clients through the government approval process.

Chinese Design Institutes

Foster Wheeler has worked with many CDIs and understands their experience and project execution approach. We use CDIs for detailed design, with Foster Wheeler managing the procurement and construction effort. Regardless of geographic location, we understand the varied capabilities of the many CDIs.

3D Modelling

Foster Wheeler can deliver high quality, cost-effective 3D models to assist clients in the EPC phase, from well-trained staff working on state-of-the-art equipment.

Procurement

There is an increasing trend towards local supply for local projects in China, as well as sourcing items in the region for overseas projects. This trend is driven by the recognized need for cost effective capital projects, matched by a growing supplier capability in the Far East.

Foster Wheeler has located one of its major power equipment manufacturing facilities in Xinhui. In addition, we are working proactively with Asian suppliers to meet international quality standards for materials, documentation, planning and project control. In order to import and export under direct contracts, or purchase and transport within China, we have established a trading company in the Shanghai Waigaoqiao Free Trade Zone.

Construction Management

Construction contractors in China basically fall into two groups: civil construction, or erection. Civil construction companies tend to be localized and therefore can influence the local municipality planning departments, whereas plant erection contractors move skilled labour and capital tools throughout the country based on job location. Accreditation to ISO 9002 is now becoming widespread among Chinese construction companies. We have significant experience in working with Chinese construction companies to international quality and HSE standards.

Intellectual Property Protection

We understand our clients' concerns with IPP and can assist with understanding government requirements, IT systems protection, confidentiality agreements, and preparing, handling and filtering of confidential information.



RIGHT PEOPLE, RIGHT EXPERTISE