



02_INDUSTRY

Elkem Solar

Leaching Plant

*Elkem Solar | Photo: Orkla*

Elkem Solar has developed a new, energy economical, metallurgical process to produce solar grade silicon. A new production facility has been built, consisting of five separate process stages, each in separate buildings.

In 2006 Elkem Solar entered into separate contracts with two EPCM contractors for realization of the new factory.

BIS Production Partner, in alliance with Multiconsult and Grenland Group, entered into the EPCM contract for the Leaching Unit of the new factory.

PROJECTElkem Solar Leaching
Plant**PROJECT TYPE**

EPCM

LOCATION

Fiskaa, Kristiansand

CLIENT

Elkem Solar

TIME PERIOD

2006 - 2009

SCOPE OF WORK

The SOW for the alliance was to perform Engineering, Procurement and Construction Management (EPCM) services in order to provide a mechanical complete LEACHING PLANT.

Multiconsults work has included engineering of all civil disciplines, HVAC and electro. The work has comprised basic, detail and followon engineering, construction management and project management.

DISCIPLINES

- Geotechnics
- Civil
- Structure
- HVAC
- Industrial Sewer system
- Electrical engineering
- Architecture
- Fire safety
- Noise

OUR SERVICES

- Geotechnical engineering
- Site prep and Piling
- Foundations
- Concrete structures
- Steel structures
- HVAC systems
- Civil electrical systems
- Auxiliary systems
- Architectural design
- Fire safety analysis and design
- Noise analysis and design
- 3D model design
- Bid preparation
- Tender evaluation
- Civil contracts supervision
- Construction Management
- Project management
- Quality Management
- Authority approval



Elkem Solar - Leaching Plant | Photo: Multiconsult

02_000_00.00.2016