

ANNOUNCING

OREFIELDS - CEMENTATION ALLIANCE



Effective Date: 01 September 2022

Headquartered at Takvägen 11, 981 41 Kiruna, Sweden

KIRUNA, Sweden – OreFields Raise Boring AB (OreFields), with its well-established presence in Scandinavia and their solid reputation for delivering quality, has established a Memorandum of Understanding (MoU) with **Cementation Canada Inc. (Cementation)**, a global mine development contractor, headquartered in North Bay, Canada with offices also in Australia, the United States, and South Africa. **Cementation** compliments **OreFields’** mining services which include pilot drilling, raise boring, down-reaming, horizontal raise boring and casting/grouting with Cementation’s proven capability and experience to engineer and sink shafts, drive decline ramps, lateral development, production mining and mine construction to access and mine ore bodies. Additionally, the team’s offerings include full in-house engineering and design-supply services for crushing/screening and conveying systems that condition and deliver run-of-mine ore to the processing facility.

Value Proposition

In addition to introducing expanded capabilities beneficial to the broader Scandinavian Region, the **OreFields + Cementation** Tier 1 Team bring innovative delivery model alternatives that reduce risk for the mine owner when compared to the conventional EPC or Design-Bid-Build approaches. For example, creative risk-reducing alternatives include:

- Design-Build-Operate/Maintain (DBOM)
- DBOM + System Ownership
- Following an agreed period of operation, option to Transfer Ownership
- Owner’s Mine Build & Mining Partner

Over the life of the facility, operations and maintenance expenses often far exceed the initial cost to design and build systems. Consequently, the design and construction of the system significantly impacts operational reliability and the resultant costs that accumulate over the years. Our DBOM approach, being performed by a single accountable venture, reduces risk inherent in spreading work packages between different organization (as with EPC or Design-Bid-Build approaches, for example). Simply put, the principle behind the DBOM delivery model is that we “pack our own parachute” so we make sure it is done right from the beginning through to deployment.

Project Execution and Logistics

With this partnership specifically being established in Sweden for the benefit and added value to the Scandinavian Region, technical and professional labor resources as well as the supply of materials, equipment and fabrication/construction will be procured in the local regions where possible. Depending on the availability of qualified Scandinavian-based resources, secondary preference will be given to other European Region countries.

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About Orefields:

Orefields is a mining service provider specialized in raise boring, downreaming and associated services. Orefields strives for being a solution partner and home for the best in the industry, with a sustainable business and leading role in creating safe mining. Orefields is a family-owned company, started in 2011 and based in the mining town Kiruna in the far north of Sweden.

For more information on Orefields, visit www.orefields.com

About Cementation:

Cementation is a mining and minerals focused group of companies, delivering both underground and surface solutions for mines and downstream minerals processing facilities worldwide. Cementation specializes in delivering sustainable engineering, procurement, construction, commissioning, operations and maintenance solutions to the mining and minerals industry. Cementation is part of the Murray & Roberts group of companies, which provide comprehensive services to mining and mineral processing clients across six continents.

For more information on Cementation, visit www.cementation.com .

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