THE NEW SUEZ CANAL (2015) LOT 6
THE GREAT BITTER LAKE
HISTORY
SUEZ CANAL

Good for 10% of the World's Trade
LOCATION

Suez Canal

12,000km - 14 days sailing

20,000km - 24 days sailing
NEW SITUATION
SCOPES

WORKS EXECUTED BY SCA

DREDGING WORKS EXECUTED BY CHALLENGE CONSORTIUM

DRY WORKS UNDER SUPERVISION OF THE ARMY CORPS OF ENGINEERS

ISMAILIA

GREAT BITTER LAKE

WORKS EXECUTED BY DEME-GLDD
LOT 6: KEY FIGURES

- Scope: New Suez Canal (Lot 6)
- Contract price: 600 mio USD
- JV Dredging International (75%) – Great Lakes Dredge & Dock (25%)
- Bid submission date: 20 September 2014
- Contract award: 18 October 2014
- First dredging vessel on site: 18 November 2014
- Completion date: 1 August 2015

- Widening and deepening (from -14m to **24m**) of existing channel
- Length: approx. **28 km**
- Quantity: **41mio m³**
- Execution period: **8 months**
LOT 6 THE GREAT BITTER LAKE
LOT 6 TYPICAL CROSS SECTIONS

- Great Bitter Lake
- Kabrit/Deversoir
LOT 6 RESOURCES

TSHD UILENSPIEGEL
13,700 m³

TSHD NILE RIVER
17,000 m³

TSHD MELLINA
3,309 m³

TSHD BREYDEL
11,296 m³

TSHD PEARL RIVER
24,130 m³
Elongated project site: transport distances substantial

10 mio m³ pumped with CSD into dedicated reclamations on the Sinai

31 mio m³ dumped in under water basins with barges, trailers and CSDs and sinker lines to – 6 m LAT.

Sinkerline crossings (4) under the existing channel in use for pumping into Sinai reclamations.
LOT 6 METHODOLOGY
METHODOLOGY
Kabrit/Deversoïr

Pumping ashore with CSD Al Mahaar, CSD Amazone and CSD D’Artagnan
Pumping ashore with CSD Al Mahaar, CSD Amazone and CSD D’Artagnan in the Sinai reclamations
METHODOLOGY

Great Bitter Lake

Barge loading by CSD
METHODOLOGY

Great Bitter Lake

Hopper loading by CSD
Trailing with TSHD Uilenspiegel, Nile River, Breydel and Mellina
LOT 6 OUR CHALLENGES

- Safety: UXO disposal, \( H^2S \)
- Security
- Production: very variable underground
- Wear and Tear
- Non disturbance of the marine traffic
- 4 Sinkerline Crossings under the existing channel in use
- Worldwide mobilisation and Logistics
AND FINALLY …

Thanks for your letter No. 0295 dated 15-2-2015 concerning your JV achievement for extraction of a total of (11.00 million) m³ of soil within a period of four months from starting date, and the AUTHORITY takes the opportunity to express our appreciation of the remarkable performance on implementing the work which led to a rate of execution up to 120% of the target implementation.

We hope that your JV keeps up this outstanding performance until the completion of this iconic project.

Referring for a.m. Ref concerning your JV achievement for extraction of a total of (25.50 million) m³ of soil within a period of seven months from starting date and the AUTHORITY takes the opportunity to express our appreciation of the remarkable performance.
QUESTIONS?