



Toyo Engineering Corporation
8-1, Akanehama 2-chome, Narashino-shi,
Chiba 275-0024, Japan
Tel: +81-47-454-1113 Fax: +81-47-454-1160

News Release

TOYO Wins World's Largest Single Train Urea Plant in Nigeria

December 4, 2012
Toyo Engineering Corporation

Toyo Engineering Corporation (TOYO, President and CEO Katsumoto Ishibashi) and its consortium partner Daewoo Nigeria Limited have jointly received letter of award to build world's largest single train Urea plant from Indorama Eleme Fertilizer and Chemicals Limited. The proposed facility shall be built at Indorama Eleme Petrochemicals Limited (IEPL) existing petrochemicals complex at Port Harcourt, River state, Nigeria and is scheduled for startup by the last quarter of 2015.

The letter of award is the culmination of rigorous evaluation subsequent to competitive FEED (Front End Engineering Design) works.

The proposed facility consists of manufacture of 2,300 tons per day of Ammonia and 4,000 tons per day of granulated urea from natural gas feedstock employing technology licenses from KBR and TOYO.

TOYO's Urea Synthesis (ACES21[®]) and Granulation technologies have been successfully accepted at several plants worldwide and are known for lower utilities consumption. TOYO is not only a licensor for the urea technologies but has also been a world leading EPC contractor and is currently constructing fertilizer plants in Venezuela and Indonesia. This is the first project for TOYO in Nigeria.

Project Summary

- Client: Indorama Eleme Fertilizer and Chemicals Limited (Note)
- Contractor: Consortium of Toyo Engineering Corporation and Daewoo Nigeria Limited
- Site: Port Harcourt, Rivers State, Nigeria
- Units: Ammonia: 2,300 tons per day, Urea: 4,000 tons per day
- Scope: Grant of license, development of basic design, detailed engineering, procurement and commissioning services
- Completion: Fourth quarter of 2015 (scheduled)

(Note)

Indorama Corporation is a global manufacturer of Polyethylene, Polypropylene, Polyester Fiber, Filament as well as Spun Yarns, Fabrics, and Medical Gloves. Indorama Corporation and Indorama Ventures PCL (IVL) listed on the stock exchange of Thailand are amongst the world's largest integrated manufacturers of PTA, PET and Polyester.

Indorama Eleme Petrochemicals Limited was acquired by Indorama Corporation in 2006 under the privatization program of Federal Govt. of Nigeria which has been restructured and brought back to full production after acquisition by Indorama with the Federal and Rivers State Govt. along with NNPC (Nigerian National Petroleum Company) continuing to partner Indorama.

< Contact > Kenji Sato/Yuki Fukasawa, Corporate Communications Div. [Phone: +81-47-454-1113]