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News Release

TOYO Awarded Large-Scale Fertilizer Complex Project in India

March 15, 2018

Toyo Engineering Corporation

Toyo Engineering Corporation (Toyo-Japan, President and CEO Kiyoshi Nakao) has been awarded a contract for a project to construct a large-scale fertilizer complex in Gorakhpur, Uttar Pradesh state, India. This complex will be constructed jointly with Toyo Engineering India Private Limited (Toyo-India, Chairman & Managing Director Itsuya Yanagi), TOYO's group company in India, for Hindustan Urvarak & Rasayan Limited (HURL), a fertilizer company jointly established by National Thermal Power Corporation (NTPC), a state power company in India, Coal India Limited (CIL), a state coal mining company, and Indian Oil Corporation Limited (IOCL), a state oil company as the lead promoters. The objective of this project is to construct a large-scale fertilizer complex composed of an ammonia plant with a capacity of 2,200 tons/day, a urea plant with a capacity of 3,850 tons/day, and a utility supply facility. The ammonia production technology of Kellogg Brown & Root LLC., U.S.A. and TOYO's urea synthesis technology "ACES 21®" will be employed.

This project is part of a series of national project promoted under the "MAKE IN INDIA" slogan by the Government of India that aims to fully achieve domestic production of chemical fertilizers against the country's expanding population. TOYO has become the first project contractor.

Since ever TOYO was founded, it will be carrying out fertilizer project again in Gorakhpur 55 years after contract award of its first fertilizer plant in 1963, which was TOYO's memorial first overseas project.

This is TOYO's 16th fertilizer project in India including one now under construction in Kota, Rajasthan state. Not only TOYO's technical capability as urea licensor, but also TOYO's broad experience in India and international project performance is highly valued, and has been instrumental in the awarding of this contract.

In the Indian market, which has a vast population and a huge middle-class population strata that continues to grow, TOYO is committed to contributing to the economic development of the country and its own business expansion based on its achievements in a range of fields including construction of fertilizer plants.

Contract Summary

- Client: Hindustan Urvarak & Rasayan Limited (HURL)

(A Joint Venture of National Thermal Power Corporation (NTPC), Coal India Limited (CIL), Indian Oil Corporation Limited (IOCL), Fertilizer Corporation of India Limited (FCIL) and Hindustan Fertilizer Corporation Limited (HFCL))



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- Contractor: Consortium of Toyo Engineering Corporation and Toyo Engineering India Private Limited
- Site: Gorakhpur, Uttar Pradesh, India
- Facilities: Ammonia plant: 2,200 tons/day
Urea plant: 3,850 tons/day
Utility facility
- Licensers: Ammonia: Kellogg Brown & Root LLC.(U.S.A.)
Urea: Toyo Engineering Corporation
- Scope: Grant of license, engineering, procurement, construction and commissioning services
- Commissioning: December, 2020

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