

TOYO Awarded Contract to Provide Urea Production Technology in India

June 29, 2011

Toyo Engineering Corporation

Toyo Engineering Corporation (President and CEO Yutaka Yamada) has concluded a contract covering licensing and development of basic design for a urea production plant in the fertilizer complex to be constructed at Kanpur in the State of Uttar Pradesh by Jaiprakash Associates Limited (JAL), a company of India's Infrastructural conglomerate, Jaypee Group.

India is now confronted with a growing demand for fertilizer to increase food production to meet the rising demand prompted by the growing population. Many companies now plan to build fertilizer plants to cover such needs. Against this background, JAL has decided to make their new way into the fertilizer business.

The planned fertilizer complex will consist of an ammonia plant with a production capacity of 2,200 t/d and a urea plant with 2 trains of 1,925 t/d each. The ammonia process will be based on the technology from KBR of the U.S. while the urea process will utilize TOYO's own technology. TOYO has completed eleven fertilizer projects in India since it built its first urea plant in 1963. TOYO's latest process called "ACES21[®]" has an advantage in low utility consumption and construction costs. This will be the eighth plant applied ACES21[®] worldwide.

TOYO, with its experience of more than forty projects completed in India, and its subsidiary, Toyo-India with two thousand staff, will focus on getting projects further in the country. TOYO will also continue further improvement and development of technology as well as optimization of plants to contribute towards growth of fertilizer production, both as a licensor of urea technology and as an EPC contractor of fertilizer plants.

Project Outline

Client:	Jaiprakash Associates Limited
Contractor:	Toyo Engineering Corporation
Scope of Work:	Licensing of ACES 21 [®] urea technology and basic design work (The EPsCm will be ordered by the client from the Indian public engineering firm, Engineering India Limited.)
Location:	Kanpur, State of Uttar Pradesh, India
Completion scheduled for basic design:	December 2011

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