

Second Prize in 'Best Project of the Year' Contest for Aromatics Complex of ONGC-Mangalore Petrochemicals

The aromatics complex at Mangalore, executed by L&T Hydrocarbon Engineering on a turnkey basis for ONGC-Mangalore Petrochemicals Limited was adjudged the second best project of the year by Project Management Institute, India (the Indian chapter of PMI, USA). The award was presented at Hyderabad on 11th September, 2014.

Within a project schedule of 33 months, L&T Hydrocarbon Engineering had carried out engineering & design, fabrication, installation & commissioning of the project – the largest aromatic complex in India. It comprises nine process units of Paraxylene (905 KTPA), Benzene (273 KTPA), Hydrogen (26 KTPA) and LPG (17 KTPA) from Naphtha.



(From Left to Right): Mr. Raj Kalady, Managing Director, PMI (India), Mr. Harshit Kapoor – Project Manager, L&T, Mr. Ranjit Chudasama – Project Manager, L&T, Mr. S Ramachandran – CEO, OMPL, Mr. P.M. Dharmadhikari – Project Sponsor & Mr. Pallab Dev – Head, Refinery & Petrochemical Projects, L&T Hydrocarbon Engineering, Mr. Ricardo Triana, Chairman, PMI

Aromatics Complex of ONGC-Mangalore Petrochemicals..... Cont'd.

UOP, USA provided technology for the complex. Toyo Engineering India was the Project Management Consultant. Engineering was carried out at L&T's in-house engineering centres at Vadodara and Mumbai. The L&T Hydrocarbon team based in Vadodara undertook project management and procurement.

Highlights:

- 1 million engineering man-hours in fast-track schedule of 12 months
- Global sourcing for critical equipment including compressor packages, fired heaters, ODC / OWC static equipment, air fin coolers, high capacity pumps and modular CCRG units
- Sourcing of over dimensional consignments up to 9.6 m dia. from eight countries, and single lift of 700 MT
- Structural Steel in excess of 10,000 MT
- 1 million inch dia. of piping fabrication
- Mobilization of 2000 MT crane
- 1000 + piles and 100,000 m³ of concrete
- 6 heater packages exceeding 8000 MT
- Heavy rains (annual average: 4500 mm) at project site making accessibility / construction difficult.



***Mangalore Aromatic
Complex built on LSTK basis***