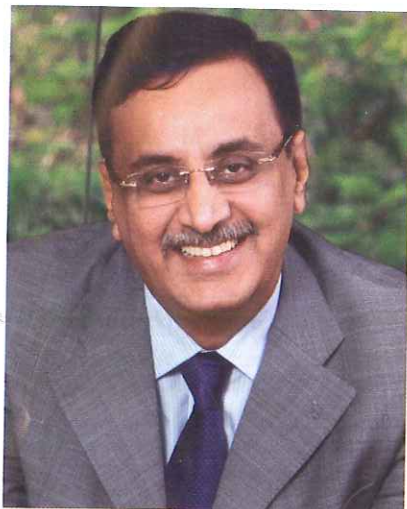


# Delivering Excellence



**T**he burgeoning oil and gas industry offers gargantuan potential globally which needs to be maneuvered and unearthed when the time is ripe. Tecnimont ICB Pvt Ltd (TICB), 100% subsidiary of Tecnimont S.p.A, Italy, from past five decades, has dedicatedly and committedly made things happen in the oil and gas industry. A perfect Indo-Italian blend, Tecnimont ICB (an integral part of Maire Tecnimont S.p.A, Italy) is one of India's leading Engineering, Procurement and Construction Company and has more than 350 successfully completed projects in its basket. Maire Tecnimont S.p.A. is the parent company of an Engineering & Construction International industrial group, which operates in three sectors: Oil, Gas & Petrochemicals, Power, Infrastructure & Civil Engineering.

To outline its history, in 1958, ICB (Industrial Consulting Bureau), an engineering company, was founded by Kapadia family. In 1997, Tecnimont S.p.A. Italy, one of the leading EPC companies in Europe acquired 50% equity and the company was re-christened as Tecnimont ICB Pvt Ltd. By 2007, Tecnimont acquired balance 50% equity and the company became its wholly owned subsidiary. Headquartered in Mumbai, the company has major offices

in Abu Dhabi, Qatar, Jeddah in Saudi Arabia, New Delhi.

"It has been successful journey across the past five decades offering optimized, world class engineering solutions, flawless planning and immaculate execution of complex projects in varied sectors," says G Sathiamoorthy, Managing Director, Tecnimont ICB.

Tecnimont group offers a wide range of competences from feasibility studies to front-end engineering design (FEED), technology selection and project implementation on a lump sum turnkey basis in areas like gas production and treatment, LNG liquefaction and regasification, underground gas storage, transmission and compression, distribution and pumping stations, aromatics complexes, refinery units, propane dehydrogenation (PDH). The group has a French subsidiary Sofregaz, specialized in the natural gas sector. "Majority of the Conceptual Design and Front-End Engineering Design (FEED) for LNG terminal in Europe is done by Sofregaz," adds Sathiamoorthy

The landmark milestone for Maire Tecnimont S.p.A was the acquisition of TECHNIP KTI, Rome in May 2010. Retitled TECNIMONT KT, the company brings with itself core competencies, know-how & proprietary technologies in gas processing, sulphur

recovery cycle, hydrogen and syngas production plants, high temperature technologies and EPC expertise in mid-sized gas & refinery projects.

Besides, Tecnimont group also has huge presence in the petrochemical sector. More than 120 polypropylene and polyethylene plants are delivered worldwide making it the market leader with a share of approximately 30% of global polyolefin capacity installed in the last 6 years, including a 40% share in LDPE.

Beginning June 2011, the consortium of Tecnimont SPA and Tecnimont ICB, India were awarded two mega EPC lumpsum turnkey contracts valued \$440 million by ONGC Petroaddition Ltd. The contract is for implementation of a 340 Kty capacity polypropylene plant and two 360 Kty capacity each HD/LLD Swing Polyethylene plants at Dahej, India. Tecnimont's commitment to India goes back to the 1930s, with the realization of the first nitric acid plant in the country. In the last five decades, the Group has completed more than 40 process units and multiple fertilizer plants in India. Over the years, Tecnimont ICB has grown undertaking multiple EPC and engineering services projects individually while concurrently supporting the group. "As an Indian company, we support Italy's Tecnimont S.p.A for almost all the projects executed by the group. The





Engineering, E&I construction and to a good extent procurement services as well for such global projects come from Tecnimont ICB. Within the group, Tecnimont ICB is recognized as Centre of Excellence," reveals Sathiamoorthy.

ISO 9001, ISO 14001 and OHSAS 18001 certified Tecnimont ICB is one of the few engineering and construction organizations in India, who has the capability and experience in supply of plants on LSTK basis in addition to rendering multi-discipline engineering services for large and complex projects worldwide.

TICB maintains a highly qualified and experienced staff of about 2,000 employees - across multi - discipline engineering, procurement, project and construction management.

In the refining segment, TICB is currently executing the Heavy Coker Gas Oil Hydrotreating unit (CHTU) of MRPL at Mangalore as well as the Sulphur Handling and Storage Project of Indian Oil Corporation Ltd (IOCL) at Panipat on EPC LSTK.

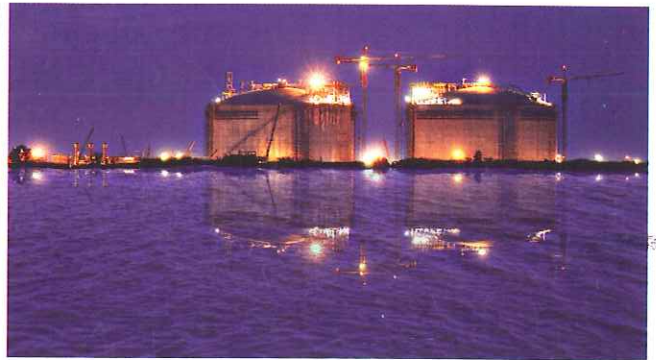
TICB is also providing engineering support to Tecnimont S.p.A, who is currently executing the largest ever Gas Treatment project ever awarded in Middle East - \$4.5 billion Gasco Habshan 5 Process Plant, Abu Dhabi - in 50:50 joint venture with JGC. The Habshan 5 Process Plant constitutes the engineering, procurement, construction and commissioning of Gas Processing Units (900 mmscf/d), Sulphur Recovery Unit and NGL Recovery Unit.

In addition, it had undertaken EPC contract for Shell Hazira Port Pvt Ltd and Shell LNG Pvt Ltd for its 5 million t/y receiving terminal with two full containment storage tanks 160,000 m<sup>3</sup> each and a jetty 1.3 km long. The project was executed by a joint venture formed between Tecnimont Group (Tecnimont, Sofregaz and Tecnimont ICB) and the Saipem Group (Saipem and Technigaz).

TICB has executed multiple Carbon-Di-oxide Recovery (CDR) units for IFFCO, Nagarjuna Fertilizers & Chemicals Ltd, Gulf Petrochemical Industries Company etc. The company has recently commissioned a 450 TPD Carbon Di Oxide Recovery Plant in Bahrain for Gulf Petrochemicals Industries Co (GPIC) and consequence of its superior execution standards have also bagged new orders from GPIC for EPC realization of their HP Steam Boiler and substation projects in Bahrain.


"We are currently executing the fifth Carbon-Di-oxide Recovery (CDR) project," says Sathiamoorthy adding that "all the projects are carried on MHI technology and done on EPC LSTK."

The TICB official also sees immense potential in the midstream sector of the oil and gas industry. "There are quite a



few LNG terminals under discussion. We are adopting a wait and watch policy till there is more clarity on which ones are more likely to proceed," opines Sathiamoorthy.

In addition, the company is also eyeing few prospects in the refining segment. According to Sathiamoorthy, foresees the refining sector to gain momentum next year with new / expansion projects getting finalized.

TICB gains a strong competitive and operational synergy by leveraging on its in-house electrical and instrumentation construction. The E&I team for the last three decades has executed number of construction projects across sectors, globally. "Our primary objective is to meet clients' satisfaction by ensuring optimal performance and complying with the best quality and safety standards," concludes Sathiamoorthy. 

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