

## **Bahrain Petroleum Company awards the expansion and modernization of the Sitra refinery in Bahrein to TR**

December 1, 2017 – Técnicas Reunidas, jointly with its JV partners, Technip and Samsung, have been awarded a 4.2 billion USD contract from Bahrain Petroleum Company (Bapco) for the Bapco Modernization Program (BMP). The project is located on Bahrain's Eastern coast and entails the expansion of the capacity of the existing Sitra oil refinery from 267,000 up to 360,000 barrels per day, improve energy efficiency, monetization of the bottom of the barrel, enhancing products slate and meeting environmental compliance.

The project will be executed on engineering, procurement, construction and commissioning (EPCC) lump sum turnkey basis and is slated for completion in 2022. It includes the following main units: Residue Hydrocracking Unit, Hydrocracker Unit, Hydro Desulfurization Unit, Crude Distillation Unit, Vacuum Distillation Unit, Saturated Gas Plant, Hydrogen Production Unit, Hydrogen Recovery Unit, Sulphur Recovery Unit, Tail Gas Treatment Unit, Sour Water Stripper Unit, Amine Recovery Unit, Bulk Acid Gas Removal Unit, Sulphur Solidification Unit and Sulphur Handling Facilities. Utilities and offsites are also part of the scope.

The BMP project draws from the experience of the joint venture partners who built expertise steadily over years in Bahrain as well as in the Region.

The scope of the Project for Técnicas Reunidas, whose share on the total contract value is 1.35 billion USD, will be the detail engineering of some of the most complex units, as the Crude Unit, Vacuum Unit, Hydrocracker, Saturated Gas Plants 1&2, and of other Auxiliary Facilities, and will also directly participate in the Directorate of the JV in the Procurement and Construction activities for the whole project.

The investment in refineries upgrade is an ongoing trend in the refining industry, as enhancing profitability is key for maintaining the competitiveness of existing facilities. Técnicas Reunidas' strong execution capabilities in this type of strategic investments, like the one of BMP, are crucial for the development of the oil and gas industry and adds this project to its extended track-record on refining.

The Middle East is a key area for Técnicas Reunidas where the company has executed more than 25 projects, with an aggregate value of around 20 billion € in the last ten years. The company is present in this Region in countries like Saudi Arabia, Kuwait, Oman, United Arab Emirates and now also Bahrein.



BAPCO: wholly owned by the Government of Bahrain, Bapco is engaged in the oil industry including refining, distribution of petroleum products and natural gas, sales and exports of crude oil and refined products. The company owns a 264,000 barrel-a-day refinery, storage facilities for more than 14 million barrels, a marketing terminal and a marine terminal for its petroleum products.

Técnicas Reunidas: is one of the leading international engineering and construction companies for oil and gas production, refining and petrochemicals and power generation projects for a broad spectrum of customers throughout the world. Since 1959, TR has designed and built more than 1,000 industrial plants worldwide in more than 50 countries.