



CA-KU-A1

Client:  **PEMEX**

Location: Gulf of Mexico

Construction Site: Altamira Yard - Mexico

Completion Date: Dec 2019 (EPCIC). O&M Period: 2020- Dec 2030

Contract Type: Lump Sum / Services Rate

Total weight: 17,050 tons considering all the structures excluding piles.

Project Description: The Ku-Maloob-Zaap asset requires the construction of a sour gas compression platform, which will handle wet sour gas with high and low content of nitrogen currents. Nowadays the production of gas of the production active KuMaZa is concentrated in the process centre Ku-A coming from the production platforms KU-S, KU-M, KU-H, ZAAP-C & FPSO. In that platform the gas is received to be processed from three gas pipelines of 36" towards drilling AKAL-J, AKAL-C6 & AKAL-C7 for its compression and distribution in high pressure. The purpose of the infrastructure is to provide a service for the compression of sour gas with the operative flexibility to segregate currents of sour gas with high and low content of nitrogen.

The capacity of the compression system is 450 MMPCD (+/- 1%) with a suction pressure of 8 to 14 kg/cm² and a discharge pressure of 60 to 82 kg/cm². With an operational reliability of 98%.

Scope of work: The first stage of this project includes detail engineering, procurement, construction, transport, installation, start-up and commissioning of the platform (EPCIC) and the second stage includes its operation and maintenance during 11 years. (O&M). The Compression Platform CA-KU-A1 includes tripods and bridges. Due to the weight of the platform, it shall be installed by float-over method, system already used in Mexican waters by Dragados Offshore in previous projects.