

# ENQUIRY FOR PREQUALIFICATION (NO. JPTPQ/007/19)

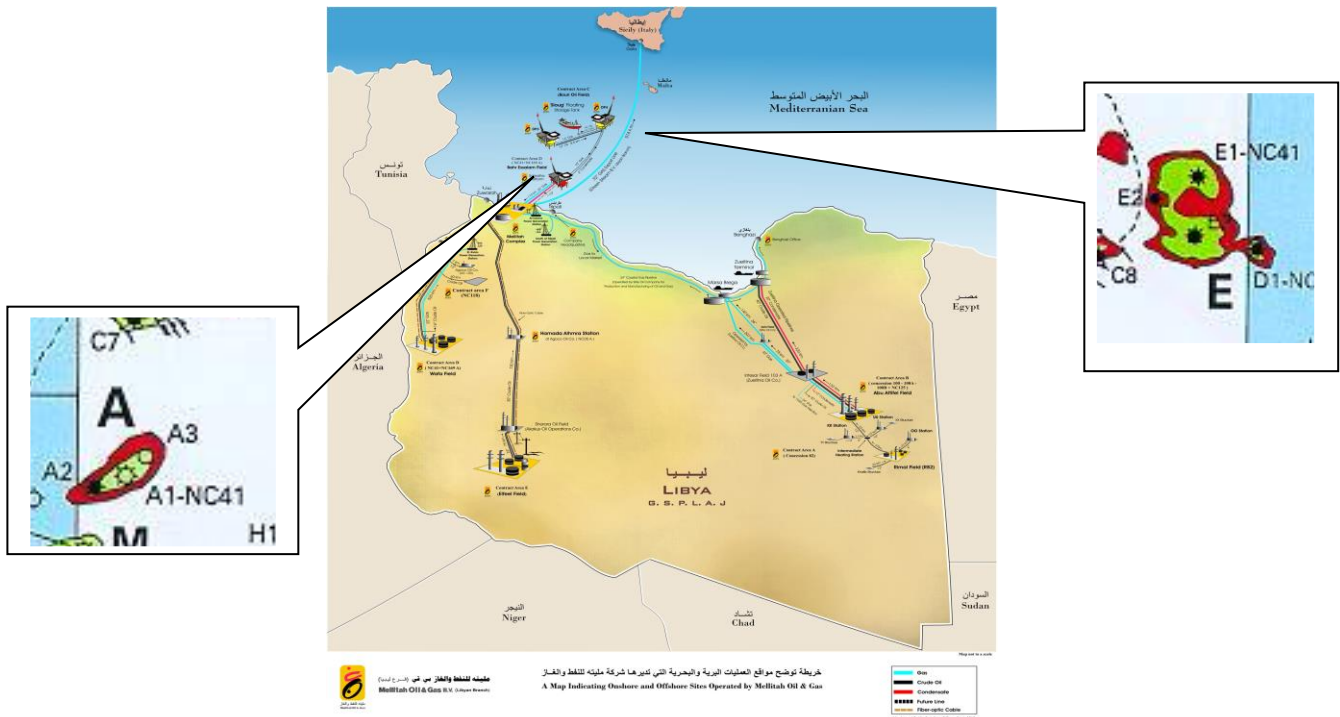
## PRE-DRILLING TEMPLATE

### STRUCTURES A & E, MELLITAH COMPLEX EXPANSION & CO2 MANAGEMENT INTEGRATED DEVELOPMENT PROJECTS – LIBYA

Mellitah Oil & Gas B.V. (MOG) a leading oil and gas Operator in Libya, intends to avail itself of the cooperation of a qualified and experienced Contractor for design, procurement, construction, installation of the pre-drilling templates for two offshore platforms (Wellhead Platform “A” and Production Platform “E”).

#### PROJECT OVERVIEW

E-Structure is located (see figure below) in the central-eastern part of the Area D (ex NC41 area), about 130 Km far from the Libyan coast, in a water depth ranging from 205 to 235 m, while A-Structure is in the central-western part of the area, approximately 80 Km from Libyan coast, where water depth is ranging between 95 and 105 m.

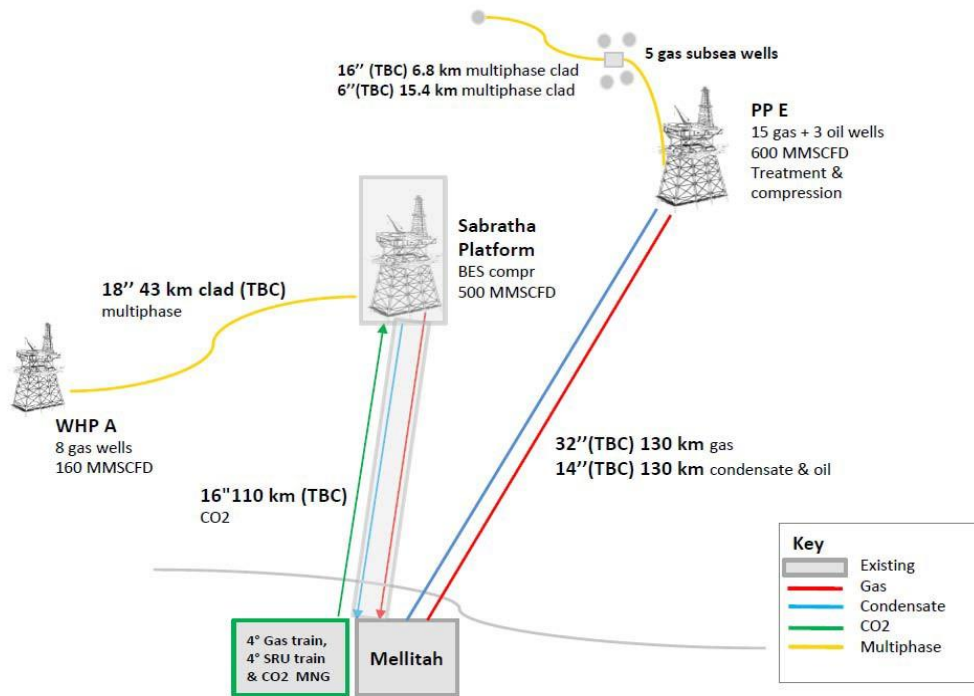


E-Structure and A-Structure Location

The development scenario for A-Structure envisages a dry tree/fixed platform development in synergy with the existing platform of Sabratha, while E-Structure will be developed by using an independent fixed production platform along with subsea wells.

The scenario is based on:

- A new wellhead platform on Structure A (WHPA) (10 slots) with 8 dry tree wells and 2 spare slots, designed to handle a peak production of 160 MMCFD, predrilled by jack-up / Semi-Submersible and able to host a FMWR and spare risers and J-tubess for minor Structures future connections;
- A new Production Platform on Structure E (PPE) (20 slots) with 18 dry tree wells and 2 spare slots (including 3 oil woils) and 5 subsea gas wells designed to handle a peak production of 600 MMCFD in addition to associated condensate and oil production, with dedicated separation, treatment and compression facilities, able to host a FMWR and 120 POB Living Quarter. The PPE dry wells will be pre-drilled via semi-sub as well as the subsea wells;



A-Structure and E-Structure Overall Development Scheme

### **SCOPE OF WORK:**

The scope includes provision of design, procurement, construction, installation of the pre-drilling templates for two offshore platforms (Wellhead Platform “A” and Production Platform “E”) based on the project technical documentations and the applicable Company codes and Standards. The purpose of the templates is:

- to act as a guide for pre-drilling of wells via a semi-submersible drilling vessel for the PPE platform and a Jack-up or semi-submersible drilling vessel for the WHPA Platform, prior to the installation of the jacket.
- to act as a guide for the installation on the seabed of a certain number of docking piles, to be used as guides for installation of the platforms jackets over the pre-drilling templates.

Number of required well slots are:

- PPE Platform : no. 20 slots
- WHPA Platform : no. 10 slots

Location Water Depth are:

- PPE Platform : ranging from 205 to 235 m
- WHPA Platform : ranging between 95 and 105 m

The following technical information is preliminary and shall be confirmed during FEED & detailed engineering phase:

- Preliminary estimated overall weights of the steel structures are:
  - PPE Platform pre-drilling template : 120 t.
  - WHPA Platform pre-drilling template : 70 t.
- The well slots are arranged on a grid of 2134 mm x 2438 mm.
- Docking piles have been preliminary defined with reference to similar projects.

Participants shall demonstrate successful experience in similar Mega Offshore Projects.

The scope of work to be performed, as listed in this paragraph, is not limitative:

- Management and project control
- Detail Engineering technical specifications and data sheets
- Detail Design drawings (AFC)
- Certification
- Procurement
- Fabrication
- Material
- Inspection
- Quality Assurance and HSEQ
- Procedures and guidelines
- Transportation
- Installation
- Facilities for Company Personnel