

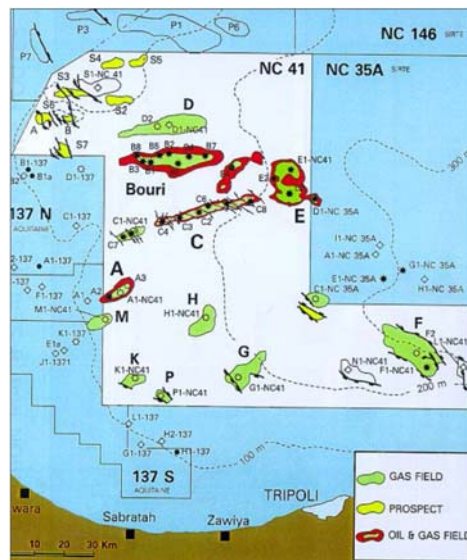
## ENQUIRY FOR PREQUALIFICATION (NO. PRQ/JPT/XX/19)

### STRUCTURES A & E, MELLITAH COMPLEX EXPANSION & CO2 MANAGEMENT INTEGRATED DEVELOPMENT PROJECT

#### WELLHEAD PLATFORM A (WHPA)

#### PROJECT DESCRIPTION

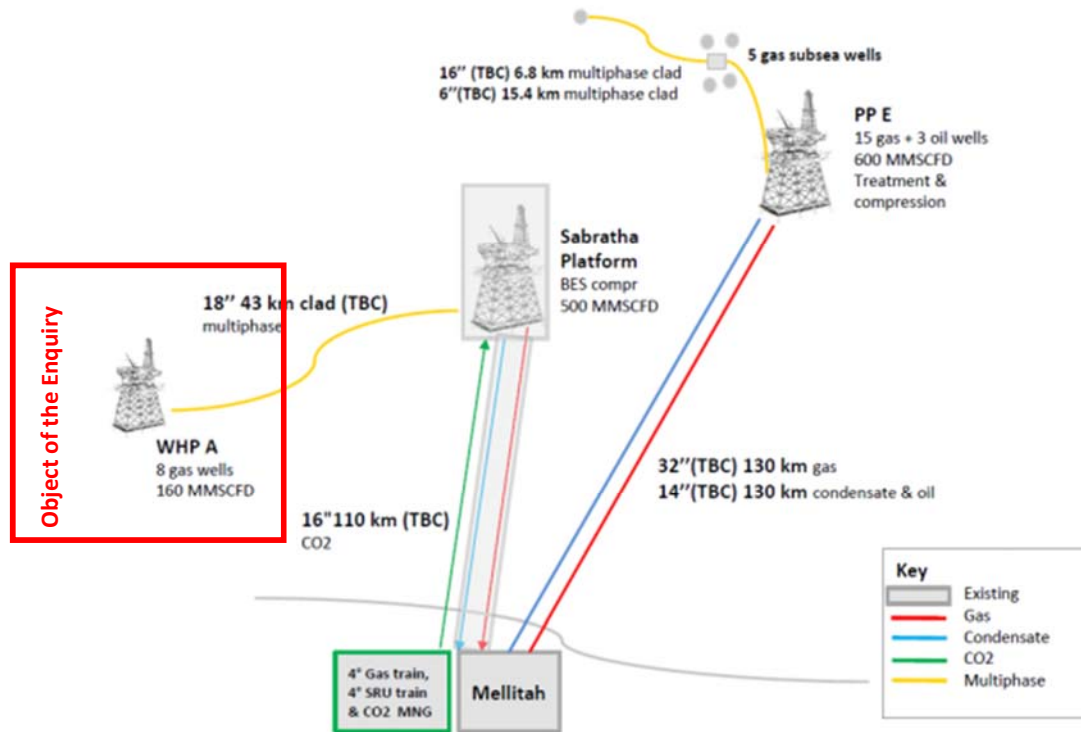
The overall E & A structures development project foresees the exploitation of Structures A and E located in the Libyan offshore area of NC 41 Block. The "A" Structure is in the central-western part of the area, approximately 80 Km from Libyan coast, where water depth is ranges between 95 and 105 m.



The selected offshore development scenario foresees:

- Structure A
  - New Wellhead Platform installed in 96 m; 8 dry tree wells with peak production 160 MMSCFD; No treatment facilities & Survival Shelter;
  - Export to existing Sabratah Plt through 18" multiphase cladded sealine;
  - Pre-Drilling with Jack-up and completion with new FMWR.
  
- Structure E
  - New Production Platform installed in 220 m; 18 dry tree wells (including 3 oil rim) (20 slot) + 5 subsea wells; Peak production 600 MMSCFD;
  - Gas/Condensate Separation, Gas dehydration, and Compression;
  - Living Quarter: 120 POB;
  - Export to shore through two sealine 130 km (32" for gas and 14" for oil/condensate);
  - Pre-Drilling with Semisub and completion with new FMWR.

- Mellitah Complex
  - New 4th Gas Train, new 3rd Condensate train & new 4th SRU, and rejuvenation of existing trains.
  - CO2 dehydration and compression in Mellitah and injection in offshore Bahr-Essalam field through a new 16" - 100 km sealine.



**The project is expected to start on 3Q 2021 and to be completed in 4Q 2022.**

## **SCOPE OF WORK**

EPIC Contractor is required to Engineer, Procure, Construct, Transport, Intsall, Hook-up, Pre-commission, commission and start-up the Wellhead Platform A (WHPA).

The process facilities foreseen on WHPA are the following:

- UNIT 100 - Production Wellheads;
- UNIT 130 - Production / Test Manifolds;
- UNIT 190 - Pig Facilities;
- UNIT 300 – Test Separator / and Multiphase Metering.

The following Utilities are included in the design:

- Unit 120 - Chemical Injection
- Unit 230 - Flare system, vent and Blowdown
- Unit 190 - Pig trap
- Unit 420 - Fuel gas system
- Unit 430 - Diesel Oil system
- Unit 460 - Compressed Air system
- Unit 470 - Main Power Generation
- Unit 480 - Emergency Electrical Power Generation
- Unit 530 – Fresh Water System
- Unit 540 - Open Drain System
- Unit 550 – Closed Drain System
- Unit 570 - Sewage Treatment System
- Unit 600 - Inert Gas
- Unit 650 - Antibiofouling
- Unit 730 - Fire Water System.

WHPA platform is normally unmanned, However, a shelter for 12 people with upper mounted helideck is included.