

DEVELOPING AND UPGRADING SOUTH IRAQ OIL EXPORTING FACILITIES



01

TABLE OF CONTENTS

ABOUT THE PROJECT

02

OIL FIELDS PRODUCTION IN IRAQ

03

PROJECT GOALS

04

MAJOR REQUIREMENTS

05

PROJECT ECONOMIC MODEL SUMMARY



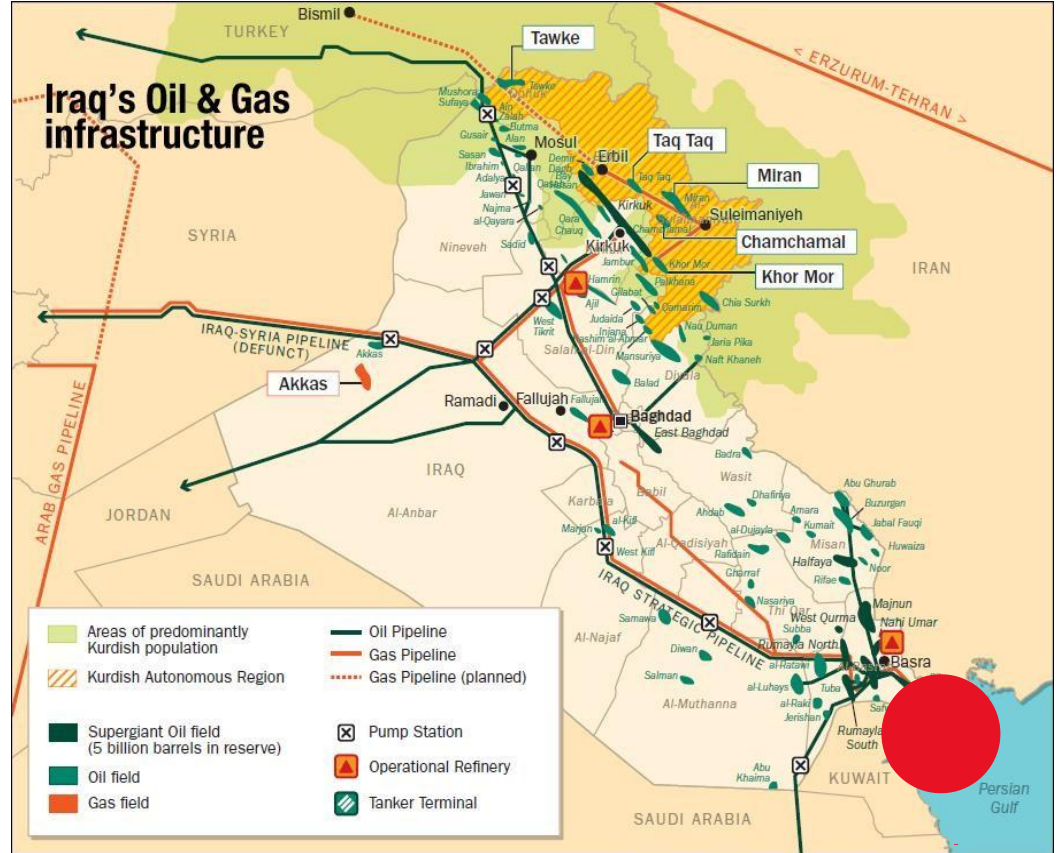
01

ABOUT THE PROJECT

**Increase of Iraqi oil exporting capabilities by
developing , upgrading and enhancing
storing facilities and off shore oil terminals**

Overall Iraq Oil and Gas Infrastructure

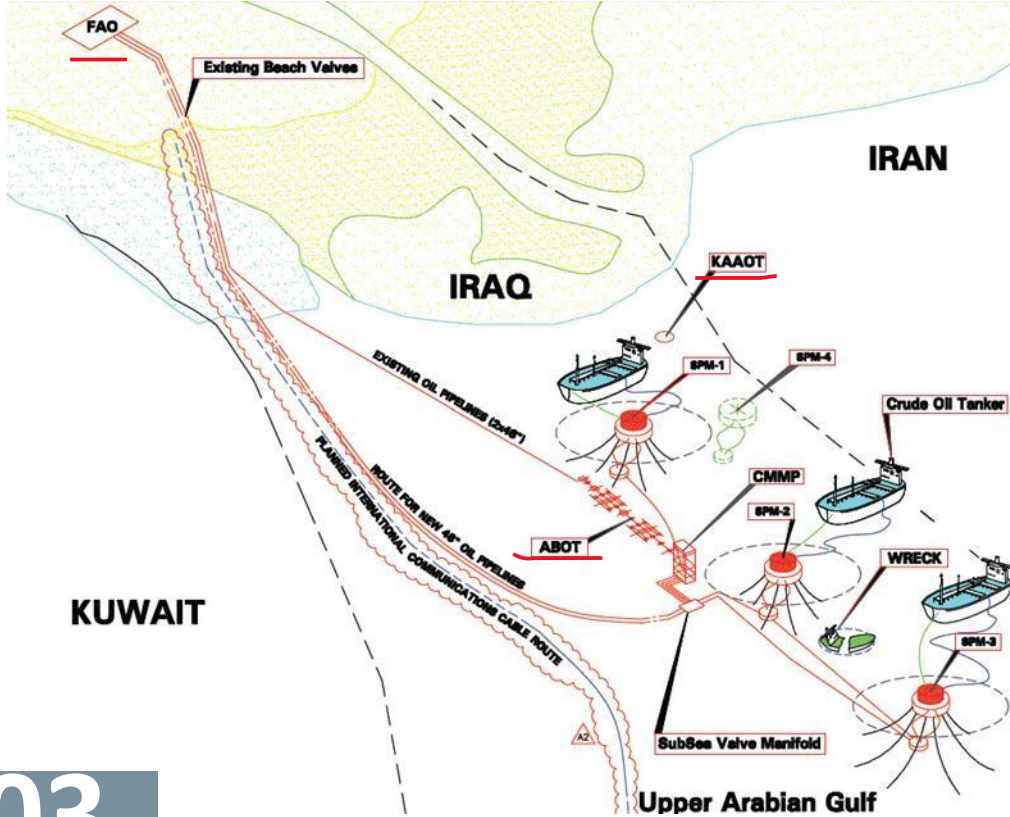
Iraqi government requires to rehabilitate, upgrade and develop their exporting facilities in south of Iraq (AL FAW)



Oil Fields Production in Iraq

| # | Felid Name | Current Production OBPD* | Target OBPD |
|---------------------|---------------|--------------------------|---------------------|
| 1 | Lohais | 0.06 | 0.1 |
| 2 | Artawi | 0.02 | 0.02 |
| 3 | North Rumaila | 0.06 | 1.3 |
| 4 | South Rumaila | 0.7 | 0.8 |
| 5 | Zubair | 0.28 | 0.85 |
| 6 | Bazerkan | 0.18 | 0.5 |
| 7 | Helfaya | 0.27 | 0.53 |
| 8 | Majnoun | 0.19 | 1.21 |
| 9 | Bin Omar | 0.02 | 0.05 |
| 10 | Al-Ahdab | 0.13 | 0.2 |
| 11 | Badra | 0.02 | 0.17 |
| 12 | Gharrafa | 0.08 | 0.23 |
| 13 | Naseriyah | 0.02 | 0.07 |
| 14 | Al-Saba | 0.02 | ----- |
| 15 | West Qurna-1 | 0.46 | 1.8 |
| 16 | West Qurna -2 | 0.4 | 0.8 |
| 17 | Toba | 0.02 | 0.06 |
| TOTAL Amount | | 2.93 ML OBPD | 8.69 ML OBPD |

*Preliminary Data



AL FAW contains a Storage Tanks terminal “FAW”, Khor Al Amaya Oil Terminal “KAAOT” and Al Basra Oil Terminal or “ABOT”

Current oil exporting facilities’ capacity is 1,800,000 bbl/day ; the aim to increase it to 2,200,000 bbl/day.

PROJECT GOALS

SCOPE OF WORK



04

SCOPE OF WORK



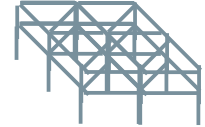
AL FAW

AL FAW tank farm contain of 24 floating roof storage tanks with capacity of 58,000.00 m³ each (21 existing, 3 to be constructed), all tanks are out of order due to deformation and design defects. shipper and booster pumping systems need to be upgraded and rehabilitated. Build an accommodation camp and construct helipad.



ABOT

Al Basra oil port requires major rehabilitation and upgrade, including loading arms , piles reinforcement and offshore Cathodic Protection system.



KAAOT

Khor Al Amaya Oil Terminal requires a complete rehabilitation and upgrade to be put into operation.

PROJECT ECONOMICS (example)



Remuneration through oil managing fees through Maintenance & Operation contract with 15 years duration (FAW tank terminal , Sea lines, ABOT and KAAOT)



- Stage 1: three years a \$ 0.5 oil management fees for each bbl/day
- Stage 2: 12 years a \$ 0.25 oil management fees for each bbl/day

PROJECT BUDGET (estimated)

\$500,000,000.00

Projected Budget

3 years

Execution Duration

15 years

Operation and Maintenance

THANK YOU

