



ZALLAF LIBYA EXPLORATION AND PRODUCTION OIL AND GAS COMPANY

PRE-QUALIFICATION INVITATION FOR PROVISION OF DRILLING & WORKOVER RIG SERVICES ERAWIN FIELD - BLOCK NC-200

Operator Zallaf Libya Exploration and Production Oil & Gas Company, hereinafter referred to as Zallaf, intends to issue an Invitation to Tender (ITT) for the provision of the services of one 1,000-1,200 HP Drilling and Workover rig to:

- re-enter, test and complete 6 temporary abandoned exploration-appraisal wells;
- drill, test and complete up to 35 development wells comprising oil producers, water injection wells (WIW), water source wells (WSW), and water disposal wells (WDW).

whose locations are mentioned below.

Location: Onshore NC-200 block located in Libya Murzuq Basin, about 1,000 km southwest of Tripoli.

1- Project Main Objectives

Zallaf, operator of NC-200 block, is pre-qualifying Libyan and international drilling and workover contractors to carry out the drilling, completion and workover programs relating to Erawin project field development plan.

Zallaf is looking for one 1,000–1,200 HP drilling and workover rig quick to rig up, rig down and move between well locations.

Rig specifications and required equipment will be detailed in the ITT package. Work programs will target vertical, slanted and horizontal oil producers, as well as vertical water injection, water source and water disposal wells. The anticipated operations start-up date is Q4-2019. Initial contract duration will be one year with provision to ensuing extensions in line with 2019-2021 drilling and completion plan.

All Drilling and Workover contractors dully registered in Libya, or in the process to be registered solely or through a joint venture with a Libyan registered partner, are invited to participate in this prequalification process by submitting all kind of information and specifications of their available drilling and workover rigs, their current locations for potential Zallaf visit and inspection, and the additional information requested hereinafter, no later than fifteen days (15) from the date this prequalification announcement is published on NOC and Zallaf websites.



2- Well Design

<u>HOLE SIZE</u>	<u>FROM (ft)</u>	<u>TO (ft) MD</u>
26"	0	±200
17-1/2"	±200	±2,000
12-1/4"	±2,000	±6,000
8-1/2"	±6,000	±8,000

<u>CASING SIZE</u>	<u>FROM (ft)</u>	<u>TO (ft) MD</u>
20"	0	±200
13-3/8"	0	±2,000
9-5/8"	0	±6,000
7" Liner	±5,700	±8,000

2.1- Well Specifications

- Well Total Measured Depth: +/- 8,000 ft MD
- Drilling & WO fluids: Water Base Mud & Brine
- Mud weight: up to 11.5 ppg
- Working Pressure: up to 5,000 psi
- Drilling string: 5" DP 19.5 lb/ft G105 (10,000 ft), 5" HWDP 50 lb/ft (60 joints), 8" DC (20 joints), 6 1/2" DC (28 joints), 4 3/4" DC (20 joints)
3 1/2" DP 13.3 lb/ft G105 (10,000 ft), 3 1/2" HWDP 25 lb/ft (30 joints)
Stabilizers, Shock subs, Jars, Bit subs and Crossovers
- Completion string: 3 1/2" or 5" tubing (7,000 ft), ESP assembly or permanent packer
- Casing scraper for 9 5/8" casing and 7" liner

3- Main Components

The drilling and workover rig shall comply, as a minimum requirement, with the following specifications:

- Drawworks HP Rating: 1,000-1,200 HP
- SCR rig generator AC power system
- Max hook load: 700 klb (10 lines)
- Substructure: Max load 700 klb + Setback rated load 450 klb
- Racking capacity: 12,400 ft 5" DP
- Height: to accommodate 90 ft stands
- Rotary Table Opening (API): 27 1/2"
- Swivel: working pressure 5,000 psi
- Portable TDS fit for the above mentioned well design (Rating 500 ton API; 1,200 HP, 5,000



psi rating pressure; Max rating speed 250 rpm; Continuous torque rating 60,000 ft-lb @ 140 rpm; Max B/O torque 75,000 ft-lb with casing running tool service).

- Two Mud Pumps type Triplex 1,200 HP, 1,000 gpm, working pressure 5,000 psi
- Mud Tanks storage capacity:1,500 bbl active tanks equipped with 3 shakers,1,000 bbl reserve mud and 1,000 bbl reserve tanks
- Stand pipe & choke manifold pressure rating: 5,000 psi
- Well control equipment rating: 5,000 psi (Annular Preventer 3,000 psi)

4- Ancillary Equipment

- 40-ton crane and operator with 24-hour operator coverage
- 15-ton forklift with 24-hour operator coverage
- Bulldozer with 24-hour operator coverage
- Oilfield bed truck and trailer assigned to rig
- Complete fishing tools for Contractor's downhole tools
- Crew pickup
- Tool Pusher pickup
- Company Man pickup
- Telecommunication system for Contractor utilization
- Minimum 80 man master-skidded camp
- Wellsite minicamp offices and accommodation rooms for Company Man, Wellsite Geologist, and HSE engineer

5- Selected Drilling & Workover Rig Information

- Rig Number
- Age of Rig
- Origin of Rig
- Age of Camp
- Origin of Camp
- Date of last Rig inspection
- Date of last Tubular inspection
- Rig specific accident track record for previous 3 years
- Last three Operators and duration of contract, including area of work
- List of Senior and Junior personnel
- Contractor training matrix for Rig Personnel
- Valid Rig certification



6- Prequalification Requirements

In addition to the aforementioned information, Zallaf requires from Drilling & Workover Contractors participating in this prequalification to submit for registration and evaluation the documents described here below. A request for additional information will be provided in the ITT if so received.

6.1- Full Contractor name and registration details, and full name and company registration details of Libyan partner (if any).

6.2- Details of ownership/corporate organization of Contractor and Libyan partner (if any)

- Identify whether or not your company is publicly held.
- Provide the name of major shareholders in your company and their percentage of equity interest.
- Name of Parent, Affiliate and Subsidiary companies. Organization chart depicting the relationship between the companies.
- Name of Managing Director or owner.
- Nature of relationship between Contractor and Libyan partner (if any), e. g. unincorporated joint venture, incorporated joint venture etc. including date of formation of relationship.

6.3- Contractor and Libyan partner (if any) financial and legal information

- Audited Financial Statement for the last (3) three years
- Copy of valid Commercial Registration in Libya
- Copy of valid Business License
- Copy of valid Contractor Registration at the Libyan Chamber of Commerce
- Copy of valid Tax Certificate

6.4- Demonstrate Health, Safety, Security and Environment (HSSE) commitment

- Contractor HSSE Policy
- HSSE statistics for the last (3) years
- Health, Safety, Security and Environment Management System(s)

6.5- Contractor track record performing drilling and workover works either in Libya or abroad.

6.6- Contact details of the person or sales task force to which any correspondence may be addressed, and eventually the ITT package sent.



7- Prequalification Conditions

7.1- Zallaf reserves the right to request further information from Contractors seeking prequalification for an ITT.

7.2- Contractors supplying insufficient or inadequate information will be excluded from further consideration.

7.3- This prequalification process is not an ITT. Notwithstanding the submission of the requested information to Zallaf, Zallaf is neither committed nor obligated to issue any call for tender or to include any Contractor on any bid list or award any form of contract.

7.4- Full bidding information, or an ITT, will only be sent to those Contractors that have successfully completed the prequalification process and are considered qualified by Zallaf, at its sole discretion and judgement, to fulfill the technical, personnel, HSE, and performance requirements required to render the drilling and workover services to be tendered.

7.5- Zallaf will not make any form of payment for submissions presented in response to this announcement, or for completion and submission of the prequalification package.

7.6- Zallaf will exclusively do business with the actual Contractors performing the requested drilling and workover rig services, and not through interposed agents whatsoever.

8- Prequalification Response End Date and Submission Options

8.1- Deadline and Contact Information

Prequalification replies from interested Contractors should be submitted not later than Sun 24 March 2019, either electronically via website <https://zallaf.com/tenders/> or, by e-mail to tender@zallaf.com or, alternatively, on paper as a hard copy inside a sealed envelope delivered to:

Zallaf Libya Exploration and Production of Oil & Gas Company
Dat El-Imad Complex
Tower 3, Floor 9
P.O Box 91151, Tripoli - Libya
Tel: +218 (0) 91 479 8209
Att: Mohamed Abdullah Majdoub– Secretary of Tender Committee

8.2- Prequalification responses shall be clearly marked “Erawin Project_NC-200_Provision of Drilling and Workover Rig_Prequalification_2019”.

8.3- The prequalification documents shall indicate clearly the name of the Contractor, address, phone number, person to contact, email address, and state interest to pre-qualify as a potential bidder.