

گزارش شناخت برگزاری مناقصه تامین یک دستگاه دکل حفاری تعمیراتی دریایی ۳۰۰ فوتی

جک آپ

مناقصه عمومی دو مرحله ای

۱- عنوان، مشخصات کلی، اهداف کیفی و کمی فعالیت

با توجه به برنامه ریزی انجام شده بر اساس برنامه های مصوب حفاری، به منظور استمرار عملیات حفاری، تعمیر و ایمن سازی چاهها در راستای اجرای برنامه نگهداشت و افزایش توان تولید تامین یک دستگاه دکل حفاری تعمیراتی دریایی جک آپ ۳۰۰ فوتی مورد نیاز می باشد. همچنین با توجه به دکل های موجود در ناوگان شرکت نفت فلات قاره ایران، به منظور انجام عملیات حفاری و تعمیر چاهها، اجاره دستگاه فوق الذکر مطابق شرح کار اعلام شده به پیوست ضرورت خواهد داشت. نحوه واگذاری به صورت مناقصه عمومی دو مرحله ای و با حضور شرکت های داخلی و نوع هزینه ارزی می باشد.

۲- سازمان کارفرمایی

شرکت نفت فلات قاره ایران، مدیریت امور فنی

۳- برنامه زمانی کلی اولیه

مدت یک سال (۱۲ ماه)

۴- اطلاعات تأمین مالی پروژه

تخصیص از محل اعتبار برنامه مصوب ۳ ساله حفاری در طرح نوسازی و نگهداشت تولید (منابع داخلی)

۵- اسناد فنی و نقشه های لازم

مشخصات فنی مورد نیاز شامل شرح کار، جداول نرخ، شرایط خصوصی و ... به پیوست ارسال می گردد.

۶- برنامه تدارکاتی پروژه

۷- قوانین خاص و مقررات اختصاصی پروژه (نظیر بیمه یا الزامات ایمنی و

زیست محیطی خاص):

- الزامات HSE

شرح کار

Scope of Work

A. PREFACE

The information herein provides an overall view of the Iranian Offshore Oil Company's projects to the prospective Contractor:

Iranian offshore oil company (I.O.O.C), in order to achieve the targets of its commitment production in its own Oil and Gas-fields in Persian Gulf, intends to hire one Offshore Drilling Jack Up Unit (MODU with at least 300 ft operational water depth) **Rig shall have a valid Certificate of Fitness** suitable for Persian Gulf's conditions and its deep water for **1 year contract**.

Proposed drilling unit shall be furnished with experienced Personnel having valid certificates including IWCF (or WELLCAP) , BOSIET ,HUET, Offshore working permit, health ticket and all necessary facilities, tools and Equipment as hereinafter is mentioned to properly perform drilling/workover operations against to the latest international standards.

Proposed drilling unit shall have a drilling package/cantilever with at least ±50 feet applicable skid out and 15 feet off center skid capability

General Environmental condition

Water depth:	up to 300 feet
Max wind in area	30 m/sec (gust)
Max wave	+12m
Wave period	11sec
Max summer temp	50°C
Max humidity	100%

B. GENERAL Terms

1. The project is based on a daily rate, according to the terms and conditions of Contract.
2. The Contractor is responsible for providing one Mobile Offshore **Drilling Unit with the specifications declared in this tender documents** for the Work under a program approved by the Company in such timely manner that no delays occur in the Work and:
 - a) Rig-Up on Location,
 - b) Drilling of all new well(s) and/or workover/re-entry of all old well(s) as specified by Company on different Company's fields,
 - c) Testing of wells as specified by Company,
 - d) Completion of wells as specified by Company,
 - e) Suspension or plug and abandonment of wells as specified by Company,

- f) Assistance (provide attendance and facilities) to Company's Drilling Services Contractors (Third Parties) in performing their services on the Unit,
 - g) Moving the Rig to the new location as specified by Company,
3. The duties and responsibilities of the Contractor include but not are limited to the followings:

3.1.General Responsibilities

- 3.1.1. Organize a team of fully qualified Personnel for preparing and management of the Drilling Unit. contractor shall submit **Key Personnel Resume and valid related certificates** in its Technical proposal.
- 3.1.2. Set up the necessary Base & warehouse in Persian Gulf Area to accommodate any materials, goods, and services related to Drilling Unit.
- 3.1.3. Assign qualified Personnel to coordinate the provision of these services with the Company Representative on the Well site and Company Representative.

3.2.Responsibilities on the Drilling Unit:

- 3.2.1. Submit a daily and monthly report to Company Representative showing all Service Contractor's Personnel and machinery on the Drilling Unit during their use and lengths of their operation/standby on the Drilling Unit.
- 3.2.2. Provide Facilities and services during the performance of the Work at the Drilling Unit as set out below:
 - a) For Company Drilling Supervisor – Geologist Supervisor (Each one separately), air-conditioned fully furnished office spaces. The drilling supervisor's office shall directly view the rig floor and have a standard dimension with at least 10 square meters of office spaces. These offices are separate from Company representative's bunkhouses.
 - b) The drilling supervisor's office shall be equipped with two sets of All-In-One desktop computers. The minimum specification of these computers are as follows:
CPU= Core-i7 RAM= 8GB Cashe= 16MB Screen= 27" HDD= 1 TB SSD + 2 TB HDD
 - c) Availabilities of necessary radio and other telecommunication/telephone (Satellite telephone for the use of senior/junior drilling supervisors) facilities for company personnel free of charge.
 - d) Safety and protective clothing for Company personnel, including safety helmets, boots, glasses, gloves, and coverall suit as required.
 - e) Bunkhouse for Company personnel with all related services and facilities

3.3.Responsibilities on the Base

- a) Coordinate the requirements of the services to be supplied form the Base and ensure that the arrangements for delivery of Equipment, machinery and tools to the Base for dispatch to the Drilling Unit are performed in such a timely manner to any delay.
- b) Have a Central Office in Tehran for local Contractor. The Contractor Manager should participate in COMPANY Drilling Operation meetings when required.

- c) Contractor shall provide, maintain and keep available all safety appliances required by law and those necessary under the oil field and engineering practice and NIOC Procedures to protect the Company and Contractor's Personnel, Material, and Equipment.
- d) The Contractor shall have full responsibility of Contractor's drilling operations to take any and all appropriate steps to comply with any and all provisions regarding health, safety and environment.
- e) Contractor shall furnish Personnel for carry out the Work.

3.4.The Contractor warrants to:

- 3.4.1. Possess the skilled Personnel and Equipment necessary for performing or carrying out the Work or other work essential ancillary thereto.
- 3.4.2. Take total responsibility for carrying out the Rig Services & Maintenance so that there shall not be any delays or waiting time due to lack of water, materials, Spare parts, Equipment or those services provided by Contractor during the performance of the Work.
- 3.4.3. Contractor should provide certificates of personnel according to their position
- 3.4.4. Documentation to be provided by Contractor as in both softcopy(CD) and hardcopy:
 - Contractor's Safety Management System
 - Contractor's QA - Manual(s)
 - Contractor's Drilling Units Operating Manual(s)
 - Vessel specification(include minimum company requirement specification)
 - Contractor's Drilling Unit Safety Manual(s)
 - Contractor's Drilling Unit Maintenance Manual(s)
 - C.V & certificates of Contractor's Personnel
 - General Drawings of the Drilling Units.
 - Drilling equipment inspection's valid document,
 - Handling equipment inspection's valid document,
 - Safety inspection,
 - Rig technical specification
 - Last Rig Main Component overhaul and Maintenance and Shipyard/Dry dock documents.
 - NPT formal report in last year of his last contract.
 - Rig should have ABS (or any valid) certificate
- 3.4.5. During Operational Period Contractor is responsible for Inspection of Drilling String (on his own cost) periodically (each nine months) and lifting slings and cranes as per API standards and submit the report.

C. WORK SPECIFICATIONS

1. Objective/ Scope

The scope of Work for the Contractor is to provide at well Site one Drilling Unit and Equipment to cover the objectives of Company. The wells will be drilled/re-

entry/workover in COMPANY specified offshore fields in accordance with the well program. However, this program can be changed at the discretion of COMPANY. The Drilling Units will be mobilized at Persian Gulf in and around Iranian Border.

1.1. General Well Specification

Depth	UP TO 5000 Md
	TD Section: +/- 1500 mt
Hole sizes	36" to 4-1/8" H.S
Well deviation	0-90
Mud type	All types of WBM, OBM
Mud Density	56 PCF to 150 PCF
Mud viscosity	38 to 70 sec
Mud Solid Content	4% to 45%
Potential Problems	H ₂ S, Loss, Flow, Chert, stuck, twist off
Casing Spec.	30", 20", 18-5/8", 13-5/8", 13-3/8, 9-5/8, 7, 5, 4-1/2 slot, 3-1/2", 2-7/8"
Completion	Mono bore, dual, etc.
Max shut – in W.H.P	10,000 psi

Drilling is to be carried out using conventional mud drilling fluid (Water Based). COMPANY's subcontractors have responsible for mud services but preparation of mud material space, handling and conditioning services shall be the responsibility of Contractor under the supervision of COMPANY. COMPANY will provide mud chemicals.

Material Safety Data Sheets (MSDSs) for all products supplied by the Contractor (if any) that are to be used will be made available at the Rig by the Contractor.

Contractor shall utilize Equipment and Personnel described in this contract respectively, as a minimum, to carry out all operations required to drill, test and case the well(s) or perform repair operations at the well(s) at locations designated by COMPANY.

Contractor shall implement the drilling program agreed with COMPANY prior to spud in over the well. COMPANY reserves the right to change/modify the drilling programs as and when required. Contractor shall drill each well to the depth specified by COMPANY.

Geophysical Logging (enough space on Rig), Well testing stimulation allow use of Rig and Equipment and Personnel for well testing.