

PROC-SERVICES/CB/PROD-6400000018/2022
HIRING OF CONSULTANCY SERVICES FOR JAND WELL-1
SCOPE OF WORK AND TERMS OF REFERENCE (TOR)

1. INTRODUCTION:

Oil and Gas Development Company Limited (OGDCL) intends to execute a contract for the provision of consultancy services for a high pressure problematic well Jand # 1 located in the province of Punjab, Pakistan. The company is planning to hire consultancy services for safe well recompletion or permanent plug and abandonment of well.

2. TECHNICAL DATA:

Brief information and well history is as under:

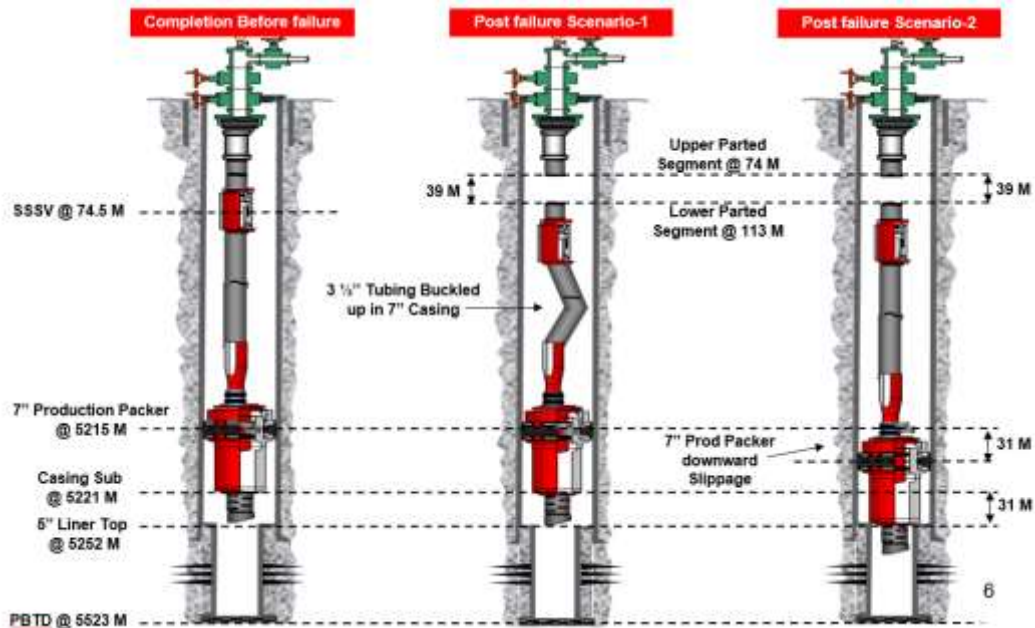
- 2.1 PBDT: 5523 M, 5" Liner Top: 5,252 M, Selective Perforation interval: 5515 – 5376 = 112 M
- 2.2 7" Casing = 35 PPF, Shoe at 5319 M, 5" Liner = 18 PPF, Shoe @ 5962 M, 3-1/2", tubing = 12.95 PPF, L-80, PH-6
- 2.3 Predominantly a gas well with minor quantity of condensate.
- 2.4 Well was completed through workover in November 2018 with 3-1/2", 12.95 PPF, L-80 tubing, TRSSV and Permanent Packer in 7" casing.
- 2.5 Well produced for almost three months from 06-01-2019 to 29-03-2019.
- 2.6 Well production parameters at choke size = 28/64", WHFP = 2100 Psi, BHSIP=10,096 Psi BHT=300°F, WHSIP=7,800 Psi
- 2.7 The property and density of annular fluid: 1.39 SG CaCl₂ brine.
- 2.8 Gas stream contains **8 % H₂S** and **3 % CO₂**.
- 2.9 Well was shut in for ATA since 29-03-2019. WHSIP dropped from 7800 Psi to 1400 Psi on 16-04-2019 indicating that something went wrong downhole.
- 2.10 Failed to open TRSSV for operational purpose on 19-04-2019
- 2.11 After necessary diagnostics, concluded that completion string is parted at 74 M depth. Tagged lower parted portion of completion string at 113 M.
- 2.12 As per available data and caliper log confirmations, fish head is most likely TRSSV at 113 M.
- 2.13 At present, well has the tendency to build pressure @ 20-25 Psi/day due to leakage somewhere from lower part of parted completion string. Pressure build-up is periodically bleed-off from 500 – 600 Psi to zero for safety reasons.
- 2.14 Additional well data whichever is available will be provided on request.

3. SCOPE OF WORK FOR BIDDERS:

Scope of work for bidder:

- 3.1 Review of provided / pertinent well data for developing understanding of the issue.
- 3.2 Designing/Provision of step wise comprehensive and technical work program within three months after provision of data set available with OGDCL.
- 3.3 Given the highly complex and technical scope of work, hired consulting firm will remain engaged with OGDCL either prior to or during the period of actual remedial work for advisory purpose. This service can be provided through one member of consulting firm being available in OGDCL head office and working along with OGDCL technical team. Occasional site visit may also be carried out along with/without OGDCL team. Maximum duration of such assignment will be 30 days on as and when required basis as per requirement of OGDCL.
- 3.4 Risk management plan for complete process, procedure and each step as per approved work plan including but not limited to:
 - Hazard identification
 - Risk assessment
 - Risk Analysis (Risk rating along with existing controls)
 - Risk Evaluation (ALARP)

- Risk Treatment (along with further controls if required)
 - Risk Review
 - Risk Communication
- 3.5 Below schematics have been drawn on observations and assumptions reflecting the most likely down hole scenarios for reference only.



4. TERMS AND CONDITIONS:

- 4.1 Scope of work is only for well Jand # 01 located in Potohar region of Pakistan.
- 4.2 All certificates, documents, proof of relevant jobs etc. should be in English language; otherwise same shall be accompanied with certified translation in English language.
- 4.3 The bidder, after signing the contract for providing consultancy services for Jand well # 01, cannot participate in subsequent tender enquiry for the provision of remedial operational services based on his recommendation.
- 4.4 OGDCL reserves the right to accept or reject any/all bid (s) or annul the entire bidding process at any time prior to award of contract without taking any responsibility for the participating/affected bidder(s) without sharing the reasons for such action.
- 4.5 OGDCL will provide all available information prior to bid submission that will allow bidders to understand the technical scope. Contact person during this period will be Mr. Habib Ullah Chohan , Manager(Production), Mail: habibullah@ogdcl.com email address)

5. DURATION OF CONTRACT:

- 5.1 The duration of the contract will be for a period of one (01) year or extendable with mutual consent including time required for OGDCL to take remedial actions on the well.
- 5.2 The bid proposal/rates should remain valid unconditionally during the period of contract.

6. BID BOND:

Bid Bond/Bid Security amounting to **US\$:5,000/- (US Dollars Five Thousand Only)** is to be attached/provided with technical bid. Please see Master Set of Tender Document for further details.

7. MODE OF PROCUREMENT:

- 7.1. Bids against this tender are invited on **“Single Stage Two Envelope Bidding Procedure”** through press tendering.
- 7.2. The bidders shall submit one original technical and one original financial bid along with soft copies of technical bids sealed in their respective envelopes.

Note: The Master Set of Tender Documents for services uploaded on OGDCL’s website (www.ogdcl.com) is the integral part of this TOR.

8. TECHNICAL EVALUATION:

All the bidders must fulfill the below mentioned minimum technical requirements for technical qualification. In order to streamline the work, OGDCL may negotiate technical scope of work before award of Contract as long as does not change the total cost of work.

Sr.	Description	Availability
1	Registered company inside or outside Pakistan with minimum registration period of 8 or more years. Provide documents for registration.	Yes/No
2	Providing services to E & P companies in multiple fields. Provide detail of services.	Yes/No
3	Technical team leader must have experience of 10 years of providing services to E & P companies and have excellent knowledge of well operations especially well killing, well completion, well hydraulics etc. Provide detail of services.	Yes/No

Note:

1. The bidder(s) will deliver detailed presentation to OGDCL technical team on his/their understanding conceived on problem/issue, work program, relevant service(s) and crew requirement for the accomplishment of job.
2. In addition to confirmation for above tabulated pre-requisites, convincing technical presentation is mandatory for technical qualification of the bidder(s).

FINANCIAL EVALUATION MODEL

Sr.	Scope of work	Cost (US\$)
1	Submission of solution to the problem and detailed work program thereof agreed by OGDCL.	Quote on lump sum basis
2	Consultancy services either prior to or during the course of actual remedial work on the well. To be quoted on per day basis based (includes travel and other associated costs).	Daily Rate X 30 days
3	Grand Total Cost (US\$)	

Note:

1. The bidder quoting lowest "Grand Total Cost" in the above table shall be the financially lowest evaluated bidder and the contract will be awarded to lowest evaluated bidder.
2. The payment to the bidder will be made after submission of solution to the problem and detailed work program thereof agreed by OGDCL.