

# **HIRING OF SLICKLINE SERVICES**

## **TERMS OF REFERENCE / SCOPE OF WORK**

### **1. SCOPE OF WORK:**

Hiring of slick line service through press tendering on OGDCL wells on rate running and as and when required basis for a period of three (03) years for estimated 175 jobs. The slick line services include but not limited to:

- i. Retrieval of Hydraulic Jet Pump, It's dummy/separation sleeve.
- ii. Setting/Retrieval of Jet Pump standing Valve.
- iii. Fishing operations.
- iv. Running LIBs.
- v. Setting/Retrieval of Slick line plugs.
- vi. Setting/Retrieval of Sub-Surface Safety Valve (SSSV) and / or its dummy/separation sleeve.
- vii. Conducting Static, Build-up or Flow After Flow /Multi Rate Bottom Hole Pressure Surveys.

All relevant tools required to provide the services as per OGDCL scope should be available with the bidder. Bidder to cover cost of all tools and accessories in the financial bid format, no additional cost will be applicable for providing services as per above mentioned scope of work.

### **2. General Terms and Conditions:**

- 2.1 All certificates, documents, proof of work etc. should be in English language; if not then the same shall be accompanied with certified translation in English language.
- 2.2 The bidder to arrange all equipment, tools and experienced crew to provide services as per scope of work.
- 2.3 HSE / safety related equipment in working condition should be available during all jobs.
- 2.4 All QHSE responsibility shall rest with the contractor for any third party equipment and personnel supplied by the contractor.
- 2.5 All equipment must be H<sub>2</sub>S/CO<sub>2</sub> compliant.
- 2.6 All the equipment should be in good working condition, valid calibration and third party inspection certificates should be available with field service crew for verification by field engineer prior to start of job. Contractor will provide checklist of equipment, tools and other accessories before mobilizing to wellsite.
- 2.7 Bidder to arrange all safety equipment/services at their own for their personnel's whichever is required by them for working in extreme H<sub>2</sub>S environment without any charge to OGDCL.
- 2.8 OGDCL shall not be liable to pay any mobilization/demobilization of tools/equipment for bringing them to Pakistan that may be located elsewhere.
- 2.9 Adequate back-up services / equipment should be available on well site. However, OGDCL will not pay for backup equipment.
- 2.10 OGDCL shall not be accountable for any personnel injury during Mob/De-mob, loading, offloading and during the course of operations at well site. Health/accidental insurance cover of deployed crew will be the responsibility of the bidder.
- 2.11 Lighting arrangement if required is to be arranged by bidder.
- 2.12 The jobs on the wells is to be carried out round the clock, the bidder have to provide equipment and crew to perform the job round the clock.
- 2.13 Bidders to attach unpriced financial bids in their technical bids.
- 2.14 Maximum notice period for each call-out is 2 days and transit time from company base to OGDCL location is 3 days.
- 2.15 Successful bidder will provide the same personnel mentioned in their bid to carryout jobs. In case the service company engages the personnel other than those mentioned in their bid, the educational and experience certificate must be provided before his mobilization. In case

company fails to provide the necessary documentation, OGDCL reserves the right to cancel the crew operation and stand by charges for that particular job.

- 2.16 The type and number of jobs performed by personnel must be clearly mentioned on CV.
- 2.17 OGDCL reserves the right to ask bidder for the replacement of any of their personnel who is / are unacceptable to OGDCL for his / their incompetence or misbehavior at Contract holder's expense.
- 2.18 If during job, it is ascertained that the service company is unable to perform / accomplish the job satisfactorily, OGDCL reserves the right to demobilize the service company.
- 2.19 Invoice for unsuccessful job i.e. due to mechanical failure of contractor's equipment or inefficiency of well site crew will not be paid.
- 2.20 Bidder must quote the cost of every item of financial bid format otherwise incomplete bid will not be entertained. Bidder must strictly follow and quote prices as per financial bid format
- 2.21 Fuel, oil and lubricants/transport that may be required by service company for operational purpose will be charged to service company as per actual and the cost will be deducted from the invoice.
- 2.22 Rig up/Rig down will be paid as standby for both equipment and crew.
- 2.23 The slick line job may be performed stand-alone or along with EMR gauges as per requirement of OGDCL.
- 2.24 The bidder to provide the down hole data of minimum 02 gauges in order to confirm the data reliability.
- 2.25 Contractor will have to manage cross over for any job in line with well head top connection and Slick Line Equipment.
- 2.26 Partial availability of crew or equipment will not attract any charges. During traveling (mobilization/de-mobilization) phase, no operating/stand-by/rental charges will be admissible and only Mob-De-Mob will be payable.
- 2.27 Mob-De-Mob and loading/unloading of equipment is the responsibility of the bidder. Distance will be calculated as per OGDCL distance chart for the locations covered in the chart and as per actual for the locations which are not covered in OGDCL location distance chart.
- 2.28 Well to well movement of both equipment and crew within the same field is the responsibility of the bidder without any charge to OGDCL.
- 2.29 Daily operating charges for crew & equipment will commence when slick line is lowered in the well bore and would cease when slick line is out of the hole.
- 2.30 There will be no standby charges on the reporting day at location and the day the contractor is demobilized.
- 2.31 If the slick line is lowered into the well bore and the job is started on the reporting day, only then operating charges will be applicable for that 1st/reporting day.
- 2.32 If, after mobilization / reporting at site, job is cancelled then mobilization / demobilization charges for crew / equipment along with standby charges to be paid from reporting day to demobilization day. Job cancellation charges are not admissible.
- 2.33 The standby rates of equipment and personnel must not exceed 50 % of operational charges, otherwise 50% standby shall be considered for evaluation and payment purpose.
- 2.34 The number of days, millage in financial evaluation model are for evaluation purpose only. payment to be made as per actual.
- 2.35 The scope of work is tentative, OGDCL reserves the right to increase or decrease the scope of work at any time during the term of contract without change in rates and terms & conditions.
- 2.36 Boarding / Lodging and laundry services would be provided free of cost by OGDCL to the service company crew while working in the field.
- 2.37 The lost in hole (LIH)/DBR will be paid by OGDCL as per following criteria subject to the condition that there is no malfunctioning of service company equipment and LIH/DBR is due to abnormal well conditions.
  - 40% of Landed cost of Equipment/tools, which are less than three years old.
  - 30% of Landed cost of Equipment/tools, which are equal to, or more than three years old.

- 2.38 If required third party inspection/evaluation for LIH/DBR will be carried as per predefined scope with mutual consent. Cost for third party inspection/evaluation will be on bidders account.
- 2.39 Bidder to confirm compliance to OGDCL's HSEQ policy.
- 2.40 All bidders must give "Clean acceptance" of OGDCL terms and conditions and withdraw all exceptions if any to become eligible for technical evaluation.

### **3. Duration of Contract:**

- 3.1 The duration of the contract will be three (03) years starting from date of signing of contract.
- 3.2 The bid proposal/rates should remain valid unconditionally during the term of contract.
- 3.3 The **Rate Running Contract** (as and when required basis) will remain intact till the completion of jobs on wells where contractor is mobilized for the job during the contract period. Extension in term of contract will be subject to mutual consent of both the parties in writing

### **4. Payment Terms:**

- 4.1 The prices quoted by bidder in financial bid should be in US\$. The quoted price should be fixed/firm and are inclusive of all applicable taxes, duties and levies etc. except Provincial Sales Tax/ICT Tax on services.
- 4.2 The payment will be made in 100% Pak rupees against verified invoices at official exchange rate prevalent on the date of payment.

**(This clause will prevail instead of Master Tender document "ITB" clause # 07 'PAYMENT').**

### **5. Bid Bond:**

Bid Bond/Bid Security amounting to **USD 10,000/-** (US Dollars Ten Thousand Only) is to be attached/provided **with financial bid**. Please see Master Set of Tender Document for further details.

### **6. Mode of Procurement:**

- 6.1 Bids against this tender are invited on "**Single Stage Two Envelope Bidding Procedure**" through press tendering, therefore, the bidders shall submit original and copy of their Technical and one original financial bid.
- 6.2 The bidders shall submit one original technical and one original financial bid along with soft copies of technical bids sealed in respective envelope.

**Note:** The Master Set of Tender Documents for Services uploaded on OGDCL's website ([www.ogdcl.com](http://www.ogdcl.com)) is the integral part of this TOR.

## **TECHNICAL EVALUATION CRITERIA**

- Only technically qualified bidder(s) will be considered for commercial evaluation.
- OGDCL reserves the right to visit bidder's operational base and check inventory and verify the information provided in the bid at any stage during the evaluation of the bids.
- All the bidders must fulfill the requirements below for technical qualification. In case they do not fulfill any of the below mentioned technical criteria their bid will not be acceptable. Even single "No" in below mentioned tables for technical Evaluation will lead to disqualification.

### **1. EQUIPMENT**

<b>Sr.</b>	<b>Description</b>	<b>Availability</b>
<b>1</b>	<b>Slick Line Unit</b>	
1.1	Availability of minimum 02 Slick line units in Pakistan along with 0.108" & 0.125" nominal diameter slick Line.	Yes/No
1.2	Commitment to bring third slick Line unit in Pakistan along with 0.108" & 0.125" nominal diameter slick Line within 180 days of signing of contract.	Yes/No
1.3	Capability to perform jobs on wells having depth of $\pm 5500$ M.	Yes/No
1.4	Capability to Perform jobs in high H <sub>2</sub> S ( $\pm 9\%$ ) and CO <sub>2</sub> ( $\pm 40\%$ ) Environment.	Yes/No

1.5	Full inventory of tools. Bidder to provide list of full inventory for each slick line unit including 02 no. of lubricator sections, stuffing box and basic toolbox for each Slick line unit.	Yes/No
1.6	Capability to perform operations in HPHT Environment up to BHP = 15K Psi and BHT = 392 °F.	Yes/No
<b>2</b>	<b>Pressure Control Equipment</b>	
2.1	Pressure control equipment i.e. 3", 4" & 7" BOP with each Slick Line unit including valid inspection reports for each BOP.	Yes/No
2.2	10K Psi Rating WCE Compatible to H2S Environment	Yes/No
2.3	15K Psi Rating WCE, Compatible to H2S Environment	Yes/No
<b>3</b>	<b>Down Hole Memory Gauges</b>	Yes/No
3.1	At Least 06 HT (350 °F) Downhole memory gauges (Quartz) <b>Gauges Specifications:</b> <b>Pressure:</b> Range = 15 K, Accuracy = ± 0.02% FS, Resolution = <0.01 Psi <b>Temperature:</b> Range = 0-350 °F, Accuracy = + 0.3 °F FS, Resolution = 0.01 °F <b>Memory:</b> Capacity = 3,000,000 data points of pressure and/or temperature <b>Battery Life:</b> Minimum 01 Months Must fit for sour service (H <sub>2</sub> S, CO <sub>2</sub> , acid).	Yes/No
3.2	At Least 04 XHT (392 °F) Downhole memory gauges (Quartz) <b>Gauges Specifications:</b> <b>Pressure:</b> Range = 15 K, Accuracy = ± 0.02% FS, Resolution = <0.01 Psi <b>Temperature:</b> Range = 0-392 °F, Accuracy = + 0.3 °F FS, Resolution = 0.01 °F <b>Memory:</b> Capacity = 3,000,000 data points of pressure and/or temperature <b>Battery Life:</b> Minimum 01 Months Must fit for sour service (H <sub>2</sub> S, CO <sub>2</sub> , acid). <b>Bidder to confirm provision within 15 Days of mobilization notice</b>	Yes/No
<b>4</b>	Fully Operational Workshop in Pakistan with redressing facility and should have adequate backup tools.	Yes/No

## **2. CREW**

<b>Sr.</b>	<b>Qualification/Experience of crew members</b>	<b>Availability</b>
1	<b>Slick Line Specialist (At least 01 Specialist with each SLU)</b> Technical diploma holder with minimum of five (05) years of exclusive experience of slick line operations along with relevant training(s) and certified courses etc. <b>Must have designed and performed 200 jobs during his career.</b> <b>(Attach CV and Training/Certificates)</b>	Yes/No
2	<b>Slick Line Operators (At Least 02 Operators with each SLU)</b> Completed 10 Years of education having good written and verbal skills with minimum of five (05) years of exclusive experience of slick line operations along with relevant training(s) and certified courses etc. <b>Must have performed 100 jobs during his career.</b> <b>(Attach CV and Training/Certificates)</b>	Yes/No
3	<b>EMR Specialist (at least 01 Specialist with each SLU)</b> Technical diploma holder with minimum of five (05) years of exclusive experience of EMR gauges operation along with relevant training(s) and certified courses etc. <b>Must have Performed 100 jobs during his career.</b> <b>(Attach CV and Training/Certificates)</b>	Yes/No

4	<b>Slick Line Helpers (at least 02 Helpers with each SLU)</b> Minimum of two (02) years of exclusive experience of working with slick line. <b>Must have Performed 50 jobs during his career.</b> <b>(Attach CV and Training/Certificates)</b>	Yes/No
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### 3. Company Profile

Sr.	Description	Availability
1	<b>Bidder's History (attach proof)</b>	
1.1	Company registered in Pakistan or elsewhere around the globe. Minimum registration period = 03 Years.	Yes/No
1.2	Established base and desired equipment setup (including at least 02 slick line units) in Pakistan at the time of bidding so that OGDCL can acquire the said services instantly upon finalization of contract. If required, OGDCL team will visit the facilities to confirm the same	Yes/No
1.3	Capability of providing Slick line / EMR Services for all tubing sizes 2-3/8" to 7".	Yes/No
2	<b>Bidder's Experience</b>	
2.1	Bidders must have the 05 years' experience of providing slick line service in HPHT environment.	Yes/No
2.2	Must have performed 100 slick line jobs during last three years around the globe.	Yes/No
2.3	Bidder to confirm the willingness to perform slick line operation on 02 OGDCL locations simultaneously.	Yes/No
2.4	Bidder, to provide free of cost at least 06 Days basic and advanced Slick line tools and applications technical knowledge sharing to two (02) OGDCL Engineers every year. Share a structured training program c/w list of courses/certifications.	Yes/No

### FINANCIAL EVALUATION MODEL

Sr.	Services	Qty. (Q)	UOM (U)	Unit Cost (P)	Total Cost =P x Q
				US\$/ UOM	US\$
1	Slick Line Equipment Operating Charges	475	Days		
2	Slick Line Equipment Standby Charges	150	Days		
3	Slick Line Crew Operating Charges	475	Days		
4	Slick Line Crew Standby Charges	150	Days		
5	EMR Gauges(350 °F) Operating Charges	400	Days		
6	EMR Gauges(350 °F) Standby Charges	120	Days		
7	EMR Gauges(392 °F) Operating Charges	15	Days		
8	EMR Gauges(392 °F) Standby Charges	05	Days		
9	EMR Specialist Operating Charges.	415	Days		
10	EMR Specialist Standby Charges.	125	Days		
11	Crane with Operator Operating Charges	475	Days		
12	Crane with Operator Standby Charges	150	Days		
13	Slick Line Equipment Mob/Demob Charges	100,000	KM		
14	Slick Line Crew Mob/Demob Charges	100,000	KM		
15	EMR Specialist Mob/Demob Charges	85,000	KM		
16	Crane with Operator Mob/Demob Charges	100,000	KM		
17	<b>Grand Total (US\$)</b>				<b>=Sum(R1:R16)</b>

#### **Note:**

- Bidder scoring lowest "Grand Total (US\$)" in table totalizer shall be declared financially lowest evaluated bidder and the contract shall be awarded to the financially lowest evaluated bidder.