

OIL & GAS DEVELOPMENT COMPANY LIMITED



TENDER ENQUIRY NO. PROC-SERVICES/CB/STIM-5307/2022

HIRING OF DRILL PIPE, TUBING CLEANOUT & PIPE RECOVERY SERVICES

TERMS OF REFERENCE / SCOPE OF WORK

1. SCOPE OF WORK:

PROVISION OF SERVICES INCLUDING EQUIPMENT AND MATERIALS FOR CLEANOUT INSIDE THE DRILL PIPES, PRODUCTION TUBING AND CARRY OUT PIPE RECOVERY SERVICES ON THE WELLS ACROSS PAKISTAN

The services required may include Coiled Tubing Unit with appropriate Through tubing tools including connectors, mills, motors and fishing tools, high pressure pumping units for continuous pumping through coiled tubing, for cleanout and pipe recovery services, on OGDCL wells (Rig or Rigless) on rate running and call out basis over a period of 03 years.

For wells in Sindh & Baluchistan, Sukkur will be considered the customer support base and place of origin for mobilization.

For wells in Punjab & KP, Islamabad will be considered as the customer support base and place of origin for mobilization.

2. CRITERIA FOR PARTICIPATING IN BIDDING PROCESS:

2.1 PROVISION OF SERVICES INCLUDING EQUIPMENT AND MATERIALS FOR CLEANOUT INSIDE THE DRILL PIPES, PRODUCTION TUBING AND CARRY OUT PIPE RECOVERY SERVICES ON THE WELLS ACROSS PAKISTAN

To meet the equipment and crew requirement set forth in the Technical Evaluation criteria

3. General Terms and Conditions for All Groups:

- 3.1 Bidders quoting will have to submit technical bid and financial bid for these services.
- 3.2 All certificates, documents, proof of work etc. should be in English language; if not then they shall be accompanied with certified translation to English language to be considered for evaluation.
- 3.3 The bidder participating shall arrange all services that may be required as per requirements mentioned in technical section. Failing to do so, the contract will be terminated and corresponding Bank Guarantee will be confiscated.
- 3.4 All HSEQ responsibility shall rest with the contractor for any third party equipment and personnel supplied by the contractor.
- 3.5 All the equipment should be in good working condition for the performance of the services, provide calibration certification and third party inspection certificates.
- 3.6 For the equipment, thru tubing tools as per TOR that may not be readily available in Pakistan, the bidder will have to mobilize the same to Pakistan within 45 Days after signing of contract. OGDCL shall not be liable to pay mobilization/De-mobilization charges, of any tools/equipment for bringing them to Pakistan that may be located elsewhere.
- 3.7 Contractor will provide Check List of Equipment, Tools and other accessories before mobilizing to wellsite.
- 3.8 HSE / Safety related equipment should be available with contractor's equipment.

- 3.9 Adequate back-up services / equipment should be available on well site. However, OGDCL will not pay for backup equipment.
- 3.10 Company shall not be liable to pay for any leftover chemicals. Handling of all chemicals before and after the job will be the responsibility of the contractor.
- 3.11 All technical details for items specified in Section “Technical Evaluation Criteria” must be covered in the Technical Bid.
- 3.12 Contractor to provide Standard Price List for Material, Equipment, consumables and tools required for the performance of the Work. The same will be used as reference for obtaining additional approvals when required. No terms and conditions specified in contractor price list will be applicable unless agreed by the company.
- 3.13 Company reserves the right to procure or hire and Contractor hereby agrees to provide any of the Material, Equipment, consumables, tools listed in the attached standard price list during the entire duration of the Contract.
- 3.14 The terms and conditions, if any, in the standard price list are to be superseded by the Contract terms and conditions.
- 3.15 Redress kits for all critical items should be provided.
- 3.16 The Equipment and crew have to work round the clock as per operational activities.
- 3.17 Bidders to attach unpriced financial bids in their technical bids.
- 3.18 Bidder to submit their technical bids in Hard as well as in soft form.
- 3.19 All equipment must be H₂S compliant.
- 3.20 Maximum notice period for each call-out is 48 hours and transit time from company base to OGDCL location is 48 Hrs (excluding security convoy restrictions).
- 3.21 Bidder confirms to provide competent and trained manpower for these jobs. Company reserves the right to request the replace of any person or the full crew assigned to the job, by specifying valid reason.
- 3.22 The bidder to provide complete list of personnel to be deployed for the jobs along with detailed CV’s highlighting the details of the completed jobs, level of competence of key personnel that will be involved in design, supervision and implementation, and provide necessary support during the projects.
- 3.23 The type and number of jobs performed by personnel must be clearly mentioned on CV.
- 3.24 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.
- 3.25 If during job, it is ascertained that the service company is unable to perform / accomplish the job satisfactorily, OGDCL reserves the right to De-mobilize the service company.
- 3.26 Invoice for unsuccessful jobs will not be paid.
- 3.27 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. No clause with “if & but” having financial impacts will be entertained and in such case bid will be treated as nonresponsive.
- 3.28 The format for rates (Unit Rates) and TOR will be the part of contract along with financial evaluation tables.
- 3.29 Evaluation Tables are for Evaluation purpose only, job design and fluid recipes may change according to well condition.
- 3.30 The number of wells mentioned is estimated and for evaluation purpose only. Number of wells against each model may vary as per actual requirement.

- 3.31 Fuel for equipment will be provided by OGDCL.
- 3.32 Daily charges will start once the surface equipment is rigged up and pressure tested.
- 3.33 Charges for CTU will commence once CT is lowered into the wellbore and will cease when CT is out of the hole.
- 3.34 For any down hole tools, the charges will be paid for the time such tools are below the rotary table or wellhead master valve.
- 3.35 Material charges will be paid on the volumes pumped. No dead volume, etc. charges will be paid under this contract.
- 3.36 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 (if not mobilized by OGDCL).
- 3.37 If, after mobilization / reporting at site, job is cancelled then only mobilization / de-mobilization charges for crew / equipment will be paid. No job cancellation charges are admissible.
- 3.38 The Standby rates of equipment and personnel must not exceed 50% of operating charges for all equipment / crew.
- 3.39 The number of days for operating and standby are for evaluation purpose only, payment will be made as per actual.
- 3.40 The Coil Tubing cumulative depth is defined as the accumulated downward movement of the Coil Tubing.
- 3.41 No mob/de-mob charges for equipment and crew shall be applicable for well to well movement within the same field.
- 3.42 Mob/De-Mob charges for equipment & crew will only be applicable if transport is not provided by OGDCL and 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.
- 3.43 Boarding / Lodging and laundry services would be provided free of cost by OGDCL to the service company crew while working in the field/Rig site.
- 3.44 During Nitrogen Kick-off job, environment would be treated as corrosive if respective recorded values of CO₂ exceed 5% and H₂S exceed 10 PPM by volume. Extra charges for corrosive environment to be incorporated including adjusted additional dosage of corrosion Inhibitor and Inhibitor Aid. Extra charges for chemicals to combat corrosive environment is not to be paid by OGDCL in case of corrosive environment.
- 3.45 Cost of liquid Nitrogen would be only paid for the volume shifted to Nitrogen pumper.
- 3.46 The lost in hole (LIH) will be paid by OGDCL as per following criteria subject to the condition that there is no malfunctioning of service company equipment and loss 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.
- 3.47 Bidder to confirm compliance to OGDCL HSEQ policy.
- 3.48 Bidder must give "Clean acceptance certificate" of OGDCL terms and conditions and if exceptions are found, the bidder will withdraw all exceptions.
- 3.49 The scope of work for each group is tentative. OGDCL may increase or decrease the scope of work without any change in rates and terms & conditions.
- 3.50 For every job completed, 3 days of standby for crew and equipment will be free of cost.

- 3.51 OGDCL desired fluids (corrosive/non-corrosive/flammable) that may be pumped through Bidder's equipment will be charged at no extra cost to OGDCL.
- 3.52 OGDCL desired Tools and equipment may be used in conjunction to Bidder's equipment and services at no additional cost to OGDCL.
- 3.53 The Contractor will arrange class room training based on two weeks/per annum regarding Advance techniques of stimulation, thru tubing tools redressing & handling at their designated schools for 10 Nos. OGDCL stimulation professionals free of cost. All expenditures i.e. Visa, air ticket and lodging/boarding will be borne by OGDCL.

4. Duration of Contract:

- 4.1 The duration of the contract is 03 years therefore the Bid proposal/rates should remain valid unconditionally during the period of contract. The Rate Running Contract (as and when required basis) will remain intact till the completion of jobs on wells where Service Company was mobilized for the job during the contract period; however, any extension in term of Contract will be subject to mutual consent of both the parties in writing.

5. Payment Terms:

- 5.1 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 GST/PST/ICT Tax on Services which shall be paid/refunded by OGDCL at actual.
- 5.2 The payments to the Service Company will be made through cross cheque in 100% Pak Rupees, at actual, against verified invoices at official exchange rate prevalent on the date of payment.

TECHNICAL EVALUATION

DOCUMENTATION FOR TECHNICAL EVALUATION

Bidders are required to provide the following details along with the bid documents:

1. Complete list of personnel to be deployed for the jobs as mentioned in technical evaluation criteria along with detailed CV's highlighting the details of the completed jobs, level of competence of key personnel that will be involved in design, supervision and implementation, and provide necessary support during the jobs (both primary and backup crews). Note that the defined crew members shall not be changed without the prior consent of the Company.
2. Details of labs, equipment and testing services available (clearly identifying the facilities available on site, within the country and outside the country) to help gather relevant information to optimize operations.
3. Detailed list of necessary equipment to perform the intended cleanout and pipe recovery jobs in a safe and efficient manner along with their pressure and temperature ratings.
4. Complete list and details of available backup and support services.
5. Third party certification of all the equipment etc. along with dates of last testing/inspection.
6. Provide references for clients for whom these jobs (as mentioned in technical evaluation criteria) have been performed with contact person's name, designation & details.

TECHNICAL EVALUATION CRITERIA

1. Only technically qualified bidder(s) will be considered for commercial evaluation.
2. 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.
3. Bidder to provide documentary evidence for each criterion where proof is demanded. Also provide documents, photographs for inventory claims.
4. All the bidders must fulfill the requirements below to technically qualify. In case they do not fulfill any of the below mentioned technical criteria their bid will not be acceptable. All the bidders are required to submit the below tables as per the given pattern.
5. Availability of all equipment and crew to be required in Pakistan except thru tubing tools and Expandable Retainers/Bridge plugs.

PROVISION OF SERVICES INCLUDING EQUIPMENT AND MATERIALS FOR CLEANOUT INSIDE THE DRILL PIPES, PRODUCTION TUBING AND CARRY OUT PIPE RECOVERY SERVICES ON THE WELLS ACROSS PAKISTAN

1. EQUIPMENT

Sr.	Description	Availability
1. COIL TUBING SERVICES		
1.1	Coil Tubing Unit/ Reel/Injector Head	
1.1.1	Availability of Minimum Two (2) Coil Tubing Units with coil sizes 1.5”, 1.75” and 2” and coil length 6,500 M complete with all valid certificates available in Pakistan.	Yes/No
1.1.2	Commitment to provide 02 packages simultaneously (Coiled Tubing Unit, Fluid Pumping Unit, Nitrogen Pumping Unit) if required by OGDCL.	Yes/No
1.1.3	The Coil tubing units must be equipped with latest real time monitoring software (fatigue computation, ovality monitoring and data acquisition), with self-aligning sliding Goose neck, separate Power Pack drive mechanism and Injector heads.	Yes/No
1.1.4	Availability of Injector Heads with pulling capacity of 80K lbs.	Yes/No
1.2	Pressure Control Equipment (02 BOPS with Each Unit).	Yes/No
1.2.1	WCE (Well control Equipment) Remote Control Panel (To be operated from Control Cabin)	Yes/No
1.2.2	10K Psi Rating WCE (CAT-I), Compatible to H2S Environment	Yes/No
1.2.3	10K Psi Rating WCE (CAT-II), Compatible to H2S Environment	Yes/No
1.2.4	15K Psi Rating WCE (CAT-III), Compatible to H2S Environment	Yes/No
1.3	Additional Services/Capabilities	Yes/No
1.3.1	Adapters/X-overs for Coil Tubing rig-up (List to be provided) as per operator standard tree top/Drill Pipe connections without any financial impact	Yes/No
1.3.2	Availability of Thru Tubing Milling/Fishing Tools with backup for sizes 1-11/16” to 7”. Complete package (List of tools inventory to be provided) (Can be arranged and made available in Pakistan within 45 Days after issuance of LOI either own or third Party contracting)	Yes/No
1.3.3	High Speed Rotating & Jetting Tools at least 02 Nos.	Yes/No
1.3.4	Data Acquisition System at least 02 Nos.	Yes/No
2.0	PUMPING SERVICES	Yes/No
2.1	Pumping Units 10 K/15 K psi WP (working pressure) Single/Twin Pumping Unit	Yes/No
2.1.1	Pumping Units with at least 2ea pumps for 350 Hp -500 Hp for performing continuous pumping for 5 days without any break.	Yes/No
2.1.2	Hook up Piping 15,000 Psi rating from the units to the CTU or rig floor	Yes/No
2.2	Mixing/Tanks with hook up piping	Yes/No
2.2.1	50 bbl Batch Mixer for mixing gels and other liquids	Yes/No
2.2.2	100 bbl Paddle Batch Mixer to prepare corrosive fluids if required	Yes/No
2.2.3	500 bbl Storage Tanks for water / fluid storage when required	Yes/No
2.2.4	Raw Acid Storage Tank at least 01 Nos.	Yes/No
2.2.5	At least 50 bbl Goose Tank for mixing of flammable liquids like Xylene etc.	Yes/No
2.3	Additional Services/Capabilities	Yes/No
2.3.1	Corrosive Fluid recipes supported in line with ITB	Yes/No
3	NITROGEN PUMPING SERVICES	Yes/No
3.3.1	Nitrogen Pumping units with hook up.	Yes/No
3.3.2	Liquid nitrogen cryogenic storage tank.	Yes/No
4	Fully Operational Workshop in Pakistan with redressing facility and should have adequate backup tools.	Yes/No

2. CREW

Sr.	Qualification/Experience of crew members	Availability
1	<p>CTU Engineers / Specialist (at least 2 Engineers) Graduate Engineer with minimum five (5) years of exclusive experience of planning, designing and executing Coil Tubing operations along with relevant training(s) and certified courses etc. Must have Designed and Performed following jobs.</p> <ul style="list-style-type: none"> • Thru tubing = 30 Jobs • (Attach CV and Training/Certificates) 	Yes/No
2	<p>Thru Tubing Engineers (at least 1 Engineer) Graduate Engineer with minimum five (5) years of exclusive experience of performing thru tubing jobs with CTU along with relevant training(s) and certified courses etc.</p> <ul style="list-style-type: none"> • Must have Designed and Performed 50 thru tubing jobs. <p>(Attach CV and Training/Certificates)</p>	Yes/No
3	<p>Fluid Engineers / Specialist (at least 2 Engineers) Graduate Engineer with minimum five (5) years of exclusive experience of planning, designing and executing various types of fluids for cleanout and pipe recovery along with relevant training(s) and certified courses etc. Must have designed and Performed following jobs</p> <ul style="list-style-type: none"> • Fluid Designs (non-corrosive & corrosive) = 50 Jobs <p>(Attach CV and Training/Certificates)</p>	Yes/No
4	<p>CTU, Downhole Thru Tubing Tools and Fluids Pumping Supervisor (at least 2 supervisors for each category) Technical diploma holder with Minimum of Five (05) years of exclusive experience of executing Coil Tubing jobs for CTU and down hole thru tubing tools supervisor and pumping jobs for stimulation supervisor along with relevant training(s) and certified courses etc. (Attach CV and Training/Certificates)</p>	Yes/No
5	<p>Operator (at least 05 operators for each category) Technical diploma holder/ matric with at least Five (05) years of relevant experience of executing Coil Tubing for CTU operator and pumping jobs for stimulation operator, along with relevant certification and training courses etc. (Attach CV and Training/Certificates)</p>	Yes/No

3. Company Profile

Sr.	Description	Availability
3.1	Bidder's History (attach proof)	
3.1.1	Company registered in Pakistan or elsewhere for Providing Coiled Tubing and Stimulation Services. Minimum registration period = 03 Years.	Yes/No
3.2	Bidder's Capabilities	
3.2.1	Capability in terms of equipment and crew to perform job on Deep wells (+6000 meters) with corrosive and abrasive fluids in high solids content environment (heavy muds)	Yes/No
3.2.2	Capability in terms of equipment and crew to provide fluid solutions for milling, cleaning and lifting debris or high solids (heavy mud etc.) from the drill pipe, tubing or wellbore.	Yes/No
3.2.3	Capability to handle job volumes 1,500 bbl	Yes/No
3.2.4	Providing Lab & XRD Facilities, or commitment thereof for the required Tests in Pakistan.	Yes/No
3.2.5	Placing Sand Plug, Bridge Plug & Cement Plug Thru Coil tubing	Yes/No
3.2.6	Thru tubing services involving milling, cleanouts and pipe recovery services	Yes/No
3.2.7	Bidder, to provide standard operating procedure (SOPs) for standard Coil Tubing, Nitrogen Kickoff, well Clean Out, thru tubing jobs along with Technical manual of Pressure Control Equipment (PCE), Coil Tubing Unit and all types of thru' tubing tools also to be provided by the bidder.	Yes/No

TECHNICAL EVALUATION CRITERIA

Distribution of Marks for Technical Evaluation:

Sr. No.	Description	Total points Assigned	Min. qualifying Marks
1	List of clients along with case histories of thru tubing well clean out jobs, fishing jobs, milling jobs, Nitrogen Kick off & Acid jobs carried out with different clients for the past 03 years (05 marks for each year with minimum 01 job in each category) Max. 15 Marks for 3 years with total 15 jobs.	15	15
2	Equipment High pressure pumping unit for Nitrogen, Acid, Xylene & highly flammable chemicals & their storage tanks (valid Fitness Certificates). Units older than 15 years will not be counted. If (02) package (including pumping Units for Nitrogen, Acid, Xylene & highly flammable chemicals & their storage tanks) are available=10 Marks If (03) package (including pumping Units for Nitrogen, Acid, Xylene & highly flammable chemicals & their storage tanks) are available=15 Marks	15	10
3	List of total Coiled Tubing Units available in the country and the Coil Tubing Units committed to OGDCL with reel capacity of $\pm 6000M$. Units older than 15 years will not be counted. If (02) units are available=10 Marks If (03) units are available=15 Marks	15	10
4	Thru tubing tools inventory as per list at Table-A of Financial Evaluation Model, provision of redressing and testing facility (abroad or within Pakistan); OGDCL has the right to check thru tubing facility within Pakistan or abroad. Each tool as per list at Table-A of Financial Evaluation Model = 01 Mark	17	17
5	List of total equipment related to Stimulation lab (Acid slurries design) available in the country. Only the equipment in working condition in the lab, rigged up and valid calibrations at the time of TEC visit will qualify.	10	10
6	CTU, Thru Tubing & Fluid Engineers, pumping supervisors and operators as per section 2 under the heading of Crew of Technical Evaluation Criteria. Engineers; CTU (2Nos.), Thru Tubing (1Nos.) & Fluid (2Nos.) = 05 Marks Pumping Supervisor; CTU, Thru Tubing and Fluid (02Nos. for each category) = 03 Marks Operators; CTU, Thru Tubing and Fluid (05Nos. for each category) = 10 Marks	18	18
7	Two established bases in Pakistan 1-base in North, 1-base in South having sufficient quantities of required chemicals / equipments in Pakistan i.e. 01 set of equipment (CTU, Pumping Unit, and Storage Tanks) for each base.	10	10
TOTAL		100	90

FINANCIAL EVALUATION MODEL

(ALL RATES TO BE QUOTED IN US Dollars)

(A) THRU TUBING CT SERVICES					
Sr.	Services	Qty. (Q)	UOM (U)	Unit Cost (P)	Total Cost P x Q
				US\$/UOM	US\$
<i>1.5"/1.75" CT Services (complete Setup/Crew)</i>					
1	Coil Tubing Unit using Category 2 PCE Operating Charges	03	Days		
2	Coil Tubing Unit using Category 2 PCE Standby Charges	02	Days		
3	Coil Tubing Crew Operating Charges	03	Days		
4	Coil Tubing Crew Standby Charges	02	Days		
5	Coil Tubing Cumulative Depth Charges for Non Corrosive Environment	6,000	Meters		
6	BHA (Connector, DFCV, Hydraulic Disconnect, knuckle joint, Circulating Sub, MHA, Nozzle Various Types, Weight Bars, Riser, etc. including High Pressure Jetting / Rotating Tool along with cross overs) Operating Charges	03	Days		
7	BHA (Connector, DFCV, Hydraulic Disconnect, knuckle joint, Circulating Sub, MHA, Nozzle Various Types, Weight Bars, Riser, etc. including High Pressure Jetting / Rotating Tool along with cross overs) Standby Charges	03	Days		
8	Coil Tubing Unit Mob/De-mob	1,500	KM		
9	Coil Tubing Crew Mob/De-mob	1,500	KM		
<i>Thru Tubing Services With Back Up Tools</i>					
10	Internal Dimple Connector - Operating	5	Days		
11	Internal Dimple Connector - Stand by	5	Days		
12	External Dimple Connector - Operating	5	Days		
13	External Dimple Connector - Stand by	5	Days		
14	1-11/16", 2-3/8", 2-1/8" Size Down hole filter - Operating	5	Days		
15	1-11/16", 2-3/8", 2-1/8" Size Down hole filter -Stand By	5	Days		
16	1-11/16", 2-3/8", 2-1/8" Size Thru Tubing Motor; at-least 5/6 Lobe 6 stages (Bottom Hole Temp. 250°F-350°F) for both water & Oil base muds – Operating	5	Days		
17	1-11/16", 2-3/8", 2-1/8" Size Thru Tubing Motor; at-least 5/6 Lobe 6 stages (Bottom Hole Temp. 250°F-350°F) for both water & Oil base muds - Stand By	5	Days		
18	1-11/16", 2-3/8", 2-1/8" Size Thru Tubing weight bar - Operating	5	Days		
19	1-11/16", 2-3/8", 2-1/8" Thru Tubing weight bar - Standby	5	Days		
20	1-11/16", 2-3/8", 2-1/8" Flat Bottom Mill - Operating	5	Days		
21	1-11/16", 2-3/8", 2-1/8" Flat Bottom Mill - Stand By	5	Days		
22	1-11/16", 2-3/8", 2-1/8" Tapered Mill -Operating	5	Days		
23	1-11/16", 2-3/8", 2-1/8" Tapered Mill - Stand By	5	Days		
24	1-11/16", 2-3/8", 2-1/8" Venturi Junk Basket - Operating	5	Days		
25	1-11/16", 2-3/8", 2-1/8" Venturi Junk Basket - Stand By	5	Days		
26	1-11/16", 2-3/8", 2-1/8" Impact Hammer - Operating	5	Days		
27	1-11/16", 2-3/8", 2-1/8" Impact Hammer – Standby	5	Days		
28	1-11/16", 2-3/8", 2-1/8" Flow activated overshots with different grapples-Operating	5	Days		
29	1-11/16", 2-3/8", 2-1/8" Flow activated overshots with different grapples- Stand by	5	Days		
30	1-11/16", 2-3/8", 2-1/8" Jars (dual acting); At least 10K psi rating- Operating	5	Days		
31	1-11/16", 2-3/8", 2-1/8" Jars (dual acting); At least 10K psi rating- Standby	5	Days		

32	1-11/16", 2-3/8", 2 1/8" Intensifier - Operating	5	Days		
33	1-11/16",2-3/8", 2 1/8" Intensifier - Standby	5	Days		
34	1-11/16",2-3/8", 2-1/8" MHA - Operating	5	Days		
35	1-11/16", 2-3/8", 2-1/8" MHA - Standby	5	Days		
36	Centralizer - Operating	5	Days		
37	Centralizer - Stand by	5	Days		
38	Pull test sub - Operating	5	Days		
39	Pull test sub - Stand by	5	Days		
40	Surface filter - Operating	5	Days		
41	Surface filter - Standby	5	Days		
42	Debris Filter charges	15	Nos.		
43	Thru Tubing Screen Filter Charges	20	Nos.		
44	Thru Tubing Crew - Operating	5	Days		
45	Thru Tubing Crew - Standby	5	Days		
46	Thru Tubing Tools Mob/De-mob	1,500	KM		
47	Thru Tubing crew Mob/De-mob	1,500	KM		
Pumping Services (Complete setup)					
48	Pumping Crew Operating Charges	5	Days		
49	Pumping Crew Standby Charges	5	Days		
50	Pumping Equipment Operating Charges	5	Days		
51	Pumping Equipment Standby Charges	5	Gal		
52	500 BBL Tank Charges	10	Days		
53	250-350 BBL Tank Charges	10	Days		
54	Trailer for Supply of Chemicals Standby Charges	5	Days		
55	Pumping Equipment Mob/De-mob	1,500	KM		
56	Pumping Crew Mob/De-mob	1,500	KM		
57	Pumping Equipment	1,500	KM		
58	Pumping Crew	1,500	KM		
Crane Services Inclusive of Operator					
59	70-100 ton Hydraulic Crane Operating Charges	5	Days		
60	70-100 ton Hydraulic Crane Standby Charges	5	Days		
61	Crane with operator Mob/De-mob	1,500	KM		
				Total/well (US\$)	
				A-Total for Estimated 10 wells (US\$)	

(B) ACID RECIPES						
B1	7.5% Acid (un-gelled) complete with 1,500 ppm iron control with chelating agent, 12 hrs. Inhibition time for product concentration/1,000 Gals of Acid recipe.					
	7.5% Acid(un-gelled) along with all necessary additives for the temperature ranges	Temp. °F	UOM	Total Qty. (T)	Unit Rate (US\$) (U)	Total Rate US\$ (T X U)
		250	Gal	1000		
		Above 251	Gal	1000		
(B1)Total Recipe cost(US\$)						
B2	7.5% Acid (gelled) complete with 1,500 ppm iron control with chelating agent, 12 hrs. Inhibition time for product concentration/1,000 Gals of Acid recipe.					
	7.5% Acid(gelled) along with all necessary additives for the temperature ranges	Temp. °F	UOM	Total Qty. (T)	Unit Rate US\$ (U)	Total Rate US\$ (T X U)
		250	Gal	1000		
		Above 251	Gal	1000		
(B2)Total Recipe cost(US\$)						

B3	15% Acid (un-gelled) complete with 1,500 ppm iron control with chelating agent, 12 hrs. Inhibition time for product concentration/1,000 Gals of Acid recipe.					
	15% Acid (un-gelled) along with all necessary additives for the temperature ranges	Temp. °F	UOM	Total Qty. (T)	Unit Rate US\$ (U)	Total Rate US\$ (T X U)
		250	Gal	1000		
		Above 251	Gal	1000		
(B₃)Total Recipe cost(US\$)						
B4	15% Acid (gelled) complete with 1,500 ppm iron control with chelating agent, 12 hrs. Inhibition time for product concentration/1,000 Gals of Acid recipe.					
	15% Acid(gelled) along with all necessary additives for the temperature ranges	Temp. °F	UOM	Total Qty. (T)	Unit Rate US\$ (U)	Total Rate US\$ (T X U)
		250	Gal	1000		
		Above 251	Gal	1000		
(B₄)Total Recipe cost(US\$)						
B5	Mud Acid(12% HCl + 3% HF) Solution complete with 1,500 ppm iron control with chelating agent, 12 hrs. Inhibition time for product concentration/1,000 Gals of Acid recipe.					
	Mud Acid(12% HCl + 3% HF) along with all necessary additives for the temperature ranges	Temp. °F	UOM	Total Qty. (T)	Unit Rate US\$ (U)	Total Rate US\$ (T X U)
		250	Gal	1000		
		Above 251	Gal	1000		
(B₅)Total Recipe cost (US\$)						
Grand Total of all Acid Recipes(B = B₁+ B₂+ B₃+ B₄+ B₅) (US\$)						
B- Total of all Acid Recipes for 10 Wells (US\$)						

(C) CLEANOUT USING NITROGEN					
Sr.	Services	Qty. (Q)	UOM (U)	Unit Cost (P)	Total Cost =P x Q
				US\$/ UOM	US\$
<i>Nitrogen and pumping services(Complete Setup/Crew)</i>					
1	Nitrogen Pumping Equipment Operating Charges	5	Days		
2	Nitrogen Pumping Equipment Standby Charges	5	Days		
3	Nitrogen Pumping Crew Operating Charges	5	Days		
4	Nitrogen Pumping Crew Standby Charges	5	Days		
5	Liquid Nitrogen volume Pumping Charges	5,000	Gals		
6	Liquid Nitrogen Charges	5,000	Gals		
7	Liquid Nitrogen Supply Tanker Standby Charges	5	Days		
8	Pumping Crew Operating Charges	5	Days		
9	Pumping Crew Standby Charges	5	Days		
10	Volume Pumping Charges for Non-Corrosive Fluids using pumping equipment	3,000	Gals		
11	Pumping Equipment Standby Charges	5	Days		
12	Nitrogen Pumping Equipment Mob/De-mob	1,500	KM		
13	Nitrogen Pumping Crew Mob/De-mob	1,500	KM		
14	Pumping Equipment Mob/De-mob	1,500	KM		
15	Pumping Crew Mob/De-mob	1,500	KM		
16	Liquid Nitrogen Supply Tanker Mob/De-mob	1,500	KM		
Total/well (US\$)					
C-Total Estimated for 10 wells (US\$)					

(D) CHEMICALS (350 °F TEMPERATURE RATING)					
	Description	Qty. (Q)	UOM	Unit Cost (P)	Total Cost =P X Q
				US\$/ UOM	US\$
1	Corrosion inhibitor	600	Gal		
2	Corrosion inhibitor aid	600	Gal		
3	Mutual solvent	300	Gal		
4	Gelling agent	200	Gal		
5	Alcohol	600	Gal		
6	Ammonium chloride	1200	Lbs		
7	Potassium chloride	1200	Lbs		
8	Soda ash	1200	Lbs		
9	Caustic soda	1200	Lbs		
10	Viscoelastic or equivalent diverter	500	Gal		
11	Xylene	1500	Gal		
12	Calcium carbonate	1200	Lbs		
13	Silica sand	1200	Lbs		
14	Mesh sand (30/60)	1200	Lbs		
15	Mesh sand (20/40)	1200	Lbs		
16	Non-damaging clean out fluid	600	Gal		
17	H2S/CO2 inhibitor	600	Gal		
18	Foaming agent	600	Gal		
19	Demulsifier	600	Gal		
20	Anti-sludge agent	600	Gal		
21	Citric Acid	600	Gal		
22	H ₂ S scavenger	600	Gal		
23	Methanol	600	Gal		
24	Toluene	600	Gal		
25	Calcium chloride	1200	Lbs		
26	Sodium chloride	1200	Lbs		
27	Acid Fiber	1200	Lbs		
28	Organic acid intensifier	1200	Lbs		
29	Clay stabilizer	600	gal		
30	Clay acid agent	1000	Lbs		
31	Stabilizing agent	600	Gal		
32	Friction reducer(Metal to Metal)	600	Gal		
33	Hi-Vis Pill	600	bbl		
34	Chelating agent	600	Gal		
35	surfactant	600	Gal		
36	Diverting agent	600	Gal		
37	HF Intensifier	600	Gal		
38	32% Raw HCL 250 °F	500	Gal		
39	32% Raw HCL above 251 °F	500	Gal		
40	Viscosifier	500	Gal		
41	Iron controlling agent	500	Gal		
				Total Cost(US\$)	
					D-Total Cost Estimated for 10 Wells(US\$)

TABLE TOTALIZER		
Table No.	Description	Value (US\$)
Table A	THRU TUBING CT SERVICES	A
Table B	ACID RECIPES	B
Table C	CLEANOUT USING NITROGEN	C
Table D	CHEMICALS (350 °F TEMPERATURE RATING)	D
TOTAL FOR 1 YEAR (ESTIMATED 10 WELLS EACH TABLE)		
GRAND TOTAL FOR 3 YEAR (ESTIMATED 30 WELLS EACH TABLE)		

Note:

- Financial Evaluation shall be carried out on lump sum basis and Contract shall be awarded to overall lowest evaluated bidder on Grand Total “GT”.
- Quantities mentioned are for evaluation purposes only. Actual invoicing shall depend on the work carried out.
- Mob/De-mob charges for equipment/crew will be as per actual i.e. the point from where the equipment/crew was mobilized.
- The bidder to quote same rates for same items in different table.
- No. of wells are tentative and these may be increased or decreased as per OGDCL requirement.

OTHER IMPORTANT INFORMATION

BIDDING METHOD:

Bids against this tender are invited on 'single stage Two envelop'

AMOUNT OF BID BOND:

Bid Bond /Bid Security amounting to **USD 40,000.00** is to be attached / provided with the technical bid. Please see Master Set of Tender Document for further details.

MANDATORY REQUIREMENT

For online payment to vendors/contractors through (IBFT & LFT). Following info is required from your company: -

1. IBAN (INTERNATIONAL BANK ACCOUNT NUMBER 24 DIGITS).
2. VENDOR NAME AS PER TITLE OF THEIR BANK ACCOUNT.
3. NTN NO.
4. CONTACT # OF COMPANY CEO/OWNER (MOBILE & LANDLINE).
5. POSTAL ADDRESS.
6. BANK NAME.
7. BANK BRANCH NAME & ADDRESS.

The master set of tender documents (services) uploaded on OGDCL's website (www.ogdcl.com) is the integral part of this TOR.

Bidders are requested to read **TOR, "CLARIFICATION - ONLINE TRANSFER OF FUNDS TO OGDCL" & Master Set** to Tender Documents (Services) and provide complete information / documents including tender annexures with the bid.