



TENDER ENQUIRY # PROC-SERVICES/CB/WS-4654/2020

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 Coil Tubing Unit with appropriate through tubing tools including connectors, mills, motors and fishing tools, high pressure pumping units for continuous pumping through coil tubing, for cleanout and pipe recovery services, on OGDCL wells.

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. General Terms and Conditions for All Groups:

- 2.1 Bidders participating will have to submit technical bid and financial bid for these services separately.
- 2.2 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.
- 2.3 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.
- 2.4 All HSEQ responsibility shall rest with the contractor for any third party equipment and personnel supplied by the contractor.
- 2.5 All the equipment should be in good working condition for the performance of the services, provide invariably calibration certification and third party inspection certificates.
- 2.6 For the equipment that may not be readily available in Pakistan, the bidder will have to mobilize the same to Pakistan within 60 Days after signing of contract, an undertaking is to be provided in this regard. OGDCL shall not be liable to pay mobilization/demobilization charges, of any tools/equipment for bringing them to Pakistan that may be located elsewhere.
- 2.7 Contractor will provide check list of Equipment, Tools and other accessories before mobilizing to well site.

- 2.8 HSE / Safety related equipment should be available with contractor's equipment.
- 2.9 Adequate back-up services / equipment should be available on well site. However, OGDCL will not pay for backup equipment.
- 2.10 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.
- 2.11 All technical details for items specified in Section "Technical Evaluation Criteria" must be covered in the Technical Bid.
- 2.12 Contractor to provide standard price list for materials, equipment, consumables and tools required for the performance of the Work. The same will be used as reference for obtaining additional approvals when required and shall not be the part of contract. No terms and conditions specified in contractor price list will be applicable unless agreed by the company.
- 2.13 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.
- 2.14 The terms and conditions if any, in the standard price list are to be superseded by the Contract terms and conditions.
- 2.15 Redress kits for all critical items should be provided.
- 2.16 The Equipment and crew have to work round the clock as per operational activities.
- 2.17 Bidders are required to attach un-priced financial bids in their technical bids with word "Quoted" against quoted items.
- 2.18 Bidder to submit their technical bids in Hard as well as in soft form.
- 2.19 All equipment must be H₂S compliant.
- 2.20 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).
- 2.21 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.
- 2.22 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.
- 2.23 The type and number of jobs performed by personnel must be clearly mentioned on CV.
- 2.24 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.
- 2.25 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 and necessary action will be taken in light of contract standard clause 18 under the heading of "Termination".

- 2.26 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.
- 2.27 TOR will be the part of contract along with financial evaluation tables.
- 2.28 Evaluation Tables are for Evaluation purpose only, job design and fluid recipes may change according to well condition.
- 2.29 The number of wells mentioned is estimated and for evaluation purpose only. Number of wells against each model may vary as per actual requirement.
- 2.30 Fuel for equipment will be provided by OGDCL.
- 2.31 Daily charges will start once the surface equipment is rigged up and pressure tested.
- 2.32 Charges for CTU will commence once CT is lowered into the wellbore and will cease when CT is out of the hole.
- 2.33 For any down hole tools, the charges will be paid for the time such tools are below the rotary table or wellhead master valve.
- 2.34 Material charges will be paid on the actual volumes pumped. No dead volume, etc. charges will be paid under this contract.
- 2.35 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).
- 2.36 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.
- 2.37 The Standby rates of equipment and personnel must not exceed 50% of operating charges for all equipment / crew.
- 2.38 The number of days for operating and standby are for evaluation purpose only, payment will be made as per actual.
- 2.39 The Coil Tubing cumulative depth is defined as the accumulated downward movement of the Coil Tubing.
- 2.40 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.
- 2.41 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.
- 2.42 During Nitrogen Kick-off job, environment would be treated as corrosive if respective recorded values of CO₂ exceed 5% and H₂S exceed 10PPM 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.
- 2.43 Cost of liquid Nitrogen would be only paid for the volume shifted to Nitrogen pumper.
- 2.44 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.
- 2.45 Bidder to confirm compliance to OGDCL's QHSE policy.
- 2.46 Bidder must give "Clean acceptance certificate" of OGDCL terms and conditions and if exceptions are found, the bidder will withdraw all exceptions.
- 2.47 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.
- 2.48 For every job completed, 3 days of standby for crew and equipment will remain free of cost.
- 2.49 OGDCL fluids may be pumped through the 3rd party with no extra charges.
- 2.50 OGDCL tools and equipment may be used in conjunction to contractor's equipment thus services will be charged at no additional cost to OGDCL.

3. Duration of Contract:

- 3.1 The duration of the contract is 02 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 subject to the satisfactory performance.

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. 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, they will identify the area of deficiency and provide confirmation that the compliance will be made within 30 days from the start of contract. The tables below should not be modified, and the bids should be submitted in the same format.
5. Availability of all equipment and crew to be required in Pakistan including thru tubing tools, mills, motors and the expendables with appropriate connection.

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1. EQUIPMENT & CHEMICALS

Sr.	Description	Availability	Marks
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 coil length 5,500 M complete with all valid certificates available in Pakistan.	One Unit account for 15 Marks.	30
1.1.2	Commitment to provide additional unit if required by OGDCL.		
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.	Failing to quote in this section will be disqualified	
1.1.4	Availability of Injector Heads with pulling capacity of 80K lbs.		
1.2	Pressure Control Equipment (02 BOPS with Each Unit).		
1.2.1	WCE Remote Control Panel (To be operated from Control Cabin)	Failing to quote in this section will be disqualified	3
1.2.2	10K Psi Rating WCE (CAT-I), Compatible to H ₂ S Environment		

1.2.3	10K Psi Rating WCE (CAT-II), Compatible to H ₂ S Environment		
1.2.4	15K Psi Rating WCE (CAT-III), Compatible to H ₂ S Environment		
1.3	Additional Services/Capabilities	Failing to quote in this section will be disqualified	2
1.3.1	Adapters/X-overs/Lubricators for Coil Tubing rig-up (List to be provided) as per operator standard tree top/Drill Pipe connections without any financial impact		
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 AS MENTIONED IN FORMAT FOR RATES AND FINANCIAL EVALUATION) (Can be arranged and made available in Pakistan within 45 Days after issuance of LOI either OWN or third Party contracting)	Failing to quote in this section will be disqualified	5
1.3.3	High Speed Rotating & Jetting Tools at least 02 Nos.		
1.3.4	Data Acquisition System at least 02 Nos.		
2.0	PUMPING SERVICES		
2.1	Pumping Units 10 K/15 K psi WP Single/Twin Pumping Unit	Failing to quote in this section will be disqualified	5
2.1.1	Pumping Units with at least 2ea pumps for 350 Hp -500 Hp for performing continuous pumping for up to 5 days without any break.		
2.1.2	Treating Iron 15,000 Psi rating from the units to the CTU or rig floor		
2.2	Mixing/Tanks with hook up piping	Failing to Quote in this section will be disqualified	5
2.2.1	50 BBL Batch Mixer for mixing gels and other liquids		
2.2.2	100 BBL Paddle Batch Mixer to prepare corrosive fluids if required		
2.2.3	500 BBL Storage Tanks for water / fluid storage when required		
2.2.4	Raw Acid Storage Tank at least 01 Nos.		
2.3	Additional Services/Capabilities		
2.3.1	Corrosive Fluid recipes supported as required		
3	NITROGEN PUMPING SERVICES	Failing to Quote in this section will be disqualified	5
3.3.1	Nitrogen Pumping units with hook up.		
3.3.2	Liquid nitrogen cryogenic storage tank.		
4	CHEMICALS (AS MENTIONED IN FORMAT FOR RATES AND FINANCIAL EVALUATION)	Failing to Quote in this section will be disqualified	10
5	Fully Operational Workshop in Pakistan with redressing facility and should have adequate backup tools.	Yes/No	5
	Total		70

2. CREW

Sr.	Qualification/Experience of crew members	Availability	Marks
1	<p>CTU Engineers / Specialist (at least 2 Engineers) Graduate Engineer with minimum five (05) years of exclusive experience of planning, designing and executing Coil Tubing operations along with relevant training(s) and certified courses etc.</p> <p>Must have Designed and Performed following jobs.</p> <ul style="list-style-type: none"> • Thru tubing = 30 Jobs • (Attach CV and Training/Certificates) 	02 Engineers account for 02 Marks	4
2	<p>Thru Tubing Engineers (at least 1 Engineer) Graduate Engineer with minimum five (05) 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>	01 Engineer account for 02 Marks	4
3	<p>Fluid Engineers / Specialist (at least 2 Engineers) Graduate Engineer with minimum five (05) 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.</p> <p>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>	01 Engineer account for 02 Marks	4
4	<p>CTU, Down hole 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.</p> <p>(Attach CV and Training/Certificates)</p>	01 Supervisors account for 02 Marks	4
5	<p>Operator (at least 04 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.</p> <p>(Attach CV and Training/Certificates)</p>	01 operator account for 1 marks	4
	Total		20
16 MARKS ARE MANDATORY TO GET QUALIFIED IN THIS SECTION			

3. Company Profile

Sr.	Description	Availability	Marks
1	Bidder's History (attach proof)	Failing to quote in this section will be disqualified	5
1.1	Company registered in Pakistan or elsewhere for Providing Coil Tubing and Stimulation Services. Minimum registration period = 03 Years.		
2	Bidder's Capabilities	Failing to quote in this section will be disqualified	5
2.1	Capability in terms of equipment and crew to perform job on Deep wells (+5200 meters) with corrosive and abrasive fluids in high solids content environment (heavy muds)		
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		
2.3	Capability to handle job volumes up to 2,000 bbl.		
2.4	Providing Lab & XRD Facilities, or commitment thereof for the required tests in Pakistan		
2.5	Placing Sand Plug, Cement Plug Thru Coil tubing		
2.6	Thru tubing services involving milling, cleanouts and pipe recovery services		
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.		
	Total		10
10 MARKS ARE MANDATORY TO GET QUALIFIED IN THIS SECTION			

FORMAT FOR RATES AND FINANCIAL EVALUATION

FORMAT FOR RATES (ALL RATES TO BE QUOTED IN US\$):

Sr.	Description	UOM	Operating Rate	Standby Rate
			US\$/UOM	
Coil Tubing Unit				
1	CT Crew	Day		
2	Coil Tubing Unit with Category 2 PCE	Day		
3	Coil Tubing Complete crew for all Categories PCE	Day		
4	CT BHA including Connector, DFCV, Hydraulic Disconnect, knuckle joint, Circulating Sub, MHA, Nozzle Various Types, Weight Bars, Riser, etc. including High Pressure Jetting / Rotating Tool.	Day		
5	Coil Tubing Unit (Complete set up) Mob/Demob.	KM		
6	Coil Tubing Crew (Complete Crew) Mob/Demob.	KM		
Nitrogen Services				
8	N2 Crew	Day		
9	Nitrogen Pumping Equipment (Includes Nitrogen unit, Nitrogen tank, piping and all other associated equipment)	Day		
10	Liquid Nitrogen Supply Tanker Standby Charges	Day	N/A	
11	Liquid Nitrogen Volume Pumping Charges	Gal		
12	Liquid Nitrogen Charges	Gal		
13	Nitrogen Pumping Equipment (Complete set up) Mob/Demob	KM		
14	Nitrogen Pumping Crew (Complete crew) Mob/Demob	KM		
15	Liquid Nitrogen Supply Tanker Mob/Demob	Gal		
Pumping Services				
16	Pumping Crew (Complete Crew)	Day		
17	C-pump 5X6	Day		
18	Acid transfer Pump (Delasco) or Equivalent	Day		
19	Acid Line Tank 500 BBL	Day		
20	Batch Mixture for Corrosive fluids 100BBL	Day		
21	Chemical Transfer tank	Day		
22	500 BBL Frac Tank charges	Day		
23	250-350 BBL Frac Tank Charges	Day		
24	Supply Truck for Acid Charges	Day	N/A	
25	Trailer for Supply of Chemicals Charges	Day	N/A	
26	Pumping Equipment with all accessories Standby Charges (This includes Pumpers, Chemical Transfer Pump, Centrifugal pumps, RMX/Batch Mixer/Blender, storage tanks ,Surface piping etc. and all other necessary equipment which ever required)	Day	N/A	
27	Volume Pumping Charges for non-Corrosive and non-abrasive Fluids.	Gal		
28	Volume pumping Charges for Corrosive and or abrasive fluid (more than 20% solids content)	Gal		
29	Pumping Equipment (complete set up) Mob/Demob	KM		
30	Pumping Crew (Complete crew) Mob/Demob	KM		

Crane with Operator:

Sr.	Description	UOM	Operating Rate	Standby Rate
			US\$/UOM	
1	40-50 ton Hydraulic Crane with operator	Day		
2	40-50 ton Hydraulic Crane with operator Mob/Demob	KM		

Acid recipes

Sr.	Treating Solution	UOM	Unit rate (US\$/UOM)	
			Upto 350 °F	Above 350 °F
1	15% HCl solution c/w 2,000 ppm iron control with chelating agent. 12 hrs. Inhibition time up to 350 °F 08 hrs. inhibition time above 350 °F	Gal		
2	7.5% HCl Solution c/w 2,000 ppm iron control with chelating agent. 12 hrs. Inhibition time up to 350 °F 08 hrs. inhibition time above 350 °F	Gal		

Chemicals:

Sr.	Product Name	Temp. Rating	Product Code	UOM	Unit rate
					US\$/UOM
1	Corrosion Inhibitor	Upto 350 °F		Gal	
2	Corrosion Inhibitor Aid	Upto 350 °F		Gal	
3	Organic Corrosion Inhibitor	Upto 350 °F		Gal	
4	H2S/CO2 Inhibitor	Upto 350 °F		Gal	
5	Chelating/Iron Control Agent	Upto 350 °F		Lbs	
6	Foaming Agent	Upto 350 °F		Gal	
7	Demulsifier	Upto 350 °F		Gal	
8	H2S Scavenger	Upto 350 °F		Gal	
9	Methanol	Upto 350 °F		Gal	
10	Mutual Solvent	Upto 350 °F		Gal	
11	Gelling Agent	Upto 350 °F		Gal	
12	Xylene	Upto 350 °F		Gal	
13	Surfactant	Upto 350 °F		Gal	
14	Friction Reducer	Upto 350 °F		Lbs	
15	Soda Ash	Upto 350 °F		Gal	
16	Caustic Soda	Upto 350 °F		Gal	
17	KCL	Upto 350 °F		Gal	
18	Ammonium Chloride	Upto 350 °F		Gal	
19	Bentonite Gel	To be provided by OGDCL			
20	Weighting Agent (Barite)	To be provided by OGDCL			

Thru Tubing Services

Sr.	Description	UOM	Operating Rate	Standby Rate
			US\$/UOM	
1	Thru Tubing Crew	Day		
2	Internal Dimple Connector	Day		
3	External Dimple Connector	Day		
4	CT Nozzles All Sizes	Day		
5	1-11/16", 2-3/8", 2-1/8" Jet Blaster / Spin CAT or equivalent	Day		
6	1 11/16", 2 3/8", 2-1/8" Size Down hole filter	Day		
7	1 11/16", 2 3/8", 2-1/8" Size Thru Tubing Motor	Day		
8	1 11/16", 2 3/8", 2-1/8" Size Thru Tubing weight bar	Day		
9	1 11/16", 2 3/8", 2-1/8" Flat Bottom Mill	Day		
10	1-11/16", 2-3/8", 2-1/8" Concave Mill	Day		
11	1-11/16", 2-3/8", 2-1/8" Deep Neck Mill	Day		
12	1 11/16", 2 3/8", 2-1/8" Tapered Mill	Day		
13	1 11/16", 2 3/8", 2-1/8" Junk Mill	Day		
14	1 11/16", 2 3/8", 2-1/8" Impact Hammer	Day		
15	1 11/16", 2 3/8", 2-1/8" Accelerator	Day		
16	1 11/16", 2 3/8", 2-1/8" MHA Retrievable Tool	Day		
17	1 11/16", 2 3/8", 2-1/8" Bowen Dual CT Jar	Day		
18	1 11/16", 2 3/8", 2-1/8" Multi Jet Wash Tool	Day		
19	1 11/16", 2 3/8", 2-1/8" Rotary Jet Wash Tool	Day		
20	1 11/16", 2 3/8", 2-1/8" Hydrostatic Bailer C/W	Day		
21	1 11/16", 2 3/8", 2-1/8" Venturi Junk Basket	Day		
22	1 11/16", 2 3/8", 2-1/8" Straight bar	Day		
23	X-overs for matching BHA	Day		
24	Centralizer	Day		
25	Pull test sub	Day		
26	Surface filter	Day		
27	Debris Filter Charges	Nos.		
28	Thru Tubing Screen Filter Charges	Nos.		
29	Thru Tubing Tools Mob/Demob	KM		
30	Thru Tubing Crew Mob/Demob	KM		

FINANCIAL EVALUATION MODEL

(A) THRU TUBING CT SERVICES					
Sr.	Services	Qty. (Q)	UOM (U)	Unit Cost (P)	Total Cost =P x Q
				US\$/UOM	US\$
1.5"/1.75" CT Services (complete Setup/Crew)					
1	Coil Tubing Unit using Category 2 PCE Operating Charges	3	Days		
2	Coil Tubing Unit using Category 2 PCE Standby Charges	2	Days		
3	Coil Tubing Crew Operating Charges	3	Days		
4	Coil Tubing Crew Standby Charges	2	Days		
5	Coil Tubing Cumulative Depth Charges for Non Corrosive Environment	5,500	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) Operating Charges	3	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) Standby Charges	2	Days		
8	Coil Tubing Unit Mob/Demob	1,300	KM		
9	Coil Tubing Crew Mob/Demob	1,300	KM		
Thru Tubing Services With Back Up Tools					
10	Internal Dimple Connector - Operating	2	Days		
11	Internal Dimple Connector - Stand by	1	Days		
12	External Dimple Connector - Operating	2	Days		
13	External Dimple Connector - Stand by	1	Days		
14	1 11/16", 2 3/8", 2-1/8" Size Down hole filter - Operating	2	Days		
15	1 11/16", 2 3/8", 2-1/8" Size Down hole filter - Stand By	1	Days		
16	1 11/16", 2 3/8", 2-1/8" Size Thru Tubing Motor - Operating	2	Days		
17	1 11/16", 2 3/8", 2-1/8" Size Thru Tubing Motor - Stand By	1	Days		
18	1 11/16", 2 3/8", 2-1/8" Size Thru Tubing weight bar - Operating	2	Days		
19	1 11/16", 2 3/8", 2-1/8" Thru Tubing weight bar - Standby	1	Days		
20	1 11/16", 2 3/8", 2-1/8" Flat Bottom Mill - Operating	2	Days		
21	1 11/16", 2 3/8", 2-1/8" Flat Bottom Mill - Stand By	1	Days		
22	1 11/16", 2 3/8", 2-1/8" Tapered Mill -Operating	2	Days		
23	1 11/16", 2 3/8", 2-1/8" Tapered Mill - Stand By	1	Days		

24	1 11/16", 2 3/8", 2-1/8" Junk Mill - Operating	2	Days		
25	1 11/16", 2 3/8", 2-1/8" Junk Mill - Stand By	1	Days		
26	1 11/16", 2 3/8", 2-1/8" Impact Hammer - Operating	2	Days		
27	1 11/16", 2 3/8", 2-1/8" Impact Hammer – Standby	1	Days		
28	1 11/16", 2 3/8", 2-1/8" Accelerator – Operating	2	Days		
29	1 11/16", 2 3/8", 2-1/8" Accelerator - Stand by	1	Days		
30	Centralizer - Operating	2	Days		
31	Centralizer - Stand by	1	Days		
32	Pull test sub - Operating	2	Days		
33	Pull test sub - Stand by	1	Days		
34	Surface filter - Operating	2	Days		
35	Surface filter - Standby	1	Days		
36	Debris Filter charges	10	Nos.		
37	Thru Tubing Screen Filter Charges	20	Nos.		
38	Thru Tubing Crew - Operating	3	Days		
39	Thru Tubing Crew - Standby	2	Days		
40	Thru Tubing Tools Mob/Demob	1,300	KM		
41	Thru Tubing crew Mob/Demob	1,300	KM		
Pumping Services (Complete setup)					
42	Pumping Crew Operating Charges	3	Days		
43	Pumping Crew Standby Charges	2	Days		
44	Pumping Equipment Operating Charges	3	Days		
45	Pumping Equipment Standby Charges	2	Days		
46	Volume Pumping Charges for Non-Corrosive Fluids using stimulation equipment	10,000	Gal		
47	500 BBL Tank Charges	5	Days		
48	250-350 BBL Tank Charges	5	Days		
49	Trailer for Supply of Chemicals Standby Charges	1	Days		
50	Pumping Equipment Mob/Demob	1,300	KM		
51	Pumping Crew Mob/Demob	1,300	KM		
Crane Services Inclusive of Operator					
52	40-50 ton Hydraulic Crane Operating Charges	3	Days		
53	40-50 ton Hydraulic Crane Standby Charges	2	Days		
54	Crane with operator Mob/Demob	1,300	KM		
				Total/well (US\$)	
				A-Total for Estimated 05 wells (US\$)	

(B) Cleanout Using Nitrogen					
Sr.	Services	Qty. (Q)	UOM (U)	Unit Cost (P)	Total Cost =P x Q
				US\$/ UOM	US\$
Nitrogen and pumping services(Complete Setup/Crew)					
1	Nitrogen Pumping Equipment Operating Charges	3	Days		
2	Nitrogen Pumping Equipment Standby Charges	2	Days		
3	Nitrogen Pumping Crew Operating Charges	3	Days		
4	Nitrogen Pumping Crew Standby Charges	2	Days		
5	Liquid Nitrogen volume Pumping Charges	2,700	Gals		
6	Liquid Nitrogen Charges	3,000	Gals		
7	Liquid Nitrogen Supply Tanker Standby Charges	1	Days		
8	Pumping Equipment Operating Charges	2	Days		
9	Pumping Equipment Standby Charges	2	Days		
10	Pumping Crew Operating Charges	3	Days		
11	Pumping Crew Standby Charges	2	Days		
12	Volume Pumping Charges for Corrosive & Abrasive Fluids using pumping equipment (More than 20% solids content)	1,000	Gals		
13	Volume Pumping Charges for Non-Corrosive & Non-Abrasive Fluids using pumping equipment	1,000	Gals		
14	C-Pump 5X6	5	Days		
15	Acid Line Tank 500 BBL	5	Days		
16	Batch Mixture for corrosive fluids 100 BBL	5	Days		
17	Acid Transfer Pump (Delasco) or Equivalent	5	Days		
18	Chemical Transfer tank	5	Days		
19	500 BBL Frac Tank Charges	5	Days		
20	250-350 BBL Frac Tank Charges	5	Days		
21	Supply Truck for Acid Charges	5	Days		
22	Nitrogen Pumping Equipment Mob/Demob	1,300	KM		
23	Nitrogen Pumping Crew Mob/Demob	1,300	KM		
24	Pumping Equipment Mob/Demob	1,300	KM		
25	Pumping Crew Mob/Demob	1,300	KM		
26	Liquid Nitrogen Supply Tanker Mob/Demob	1,300	KM		
Total/well (US\$)					
B-Total for Estimated 05 wells (US\$)					

(C) Materials & Products					
Sr.	Services	Qty. (Q)	UOM (U)	Unit Cost (P)	Total Cost =P x Q
				US\$/ UOM	US\$
Limestone Treatment					
1	Diverting Agent	100	Gal		
2	Gelling Agent	100	Gal		
3	Alcohol	500	Gal		
4	Mutual Solvent	200	Gal		
5	Ammonium Chloride	1,000	Lbs		
6	Potassium Chloride	1,000	Lbs		
7	Soda Ash	1,000	Lbs		
8	Caustic Soda	1,000	Lbs		
9	Corrosion Inhibitor	500	Gal		
10	Corrosion Inhibitor Aid	500	Gal		
11	Organic Corrosion Inhibitor	500	Gal		
12	H2S/CO2 Inhibitor	500	Gal		
13	Chelating/Iron Control Agent	500	Gal		
14	Foaming Agent	500	Gal		
15	Demulsifier	500	Gal		
16	H2S Scavenger	500	Gal		
17	Methanol	500	Gal		
18	Gelling Agent	1000	Lbs		
19	Xylene	1000	Gal		
20	Surfactant	500	Gal		
21	Friction Reducer	500	Gal		
22	Soda Ash	500	Gal		
23	Caustic Soda	500	Gal		
24	KCL	500	Gal		
25	Ammonium Chloride	500	Gal		
				Total/well (US\$)	
				C-Total for Estimated 05 wells (US\$)	

TABLE TOTALIZER 10 WELLS IN 2 YEARS		
Table No.	Description	Value (US\$)
Table A	THRU TUBING CT SERVICES (Ax2)	
Table B	CLEANOUT USING NITROGEN (BX2)	
Table C	MATERIALS AND PRODUCTS (CX2)	
GRAND TOTAL (ESTIMATED 10 WELLS)		

Note:

- Financial Evaluation shall be carried out on lump sum basis and Contract shall be awarded to overall lowest evaluated bidder on Grand Total.
- For Financial evaluation; lowest rate will prevail in case different rates are quoted in “Format of Rate” or “Financial Evaluation Model”.
- The prices should be quoted as per ITB clause # “BID PRICE”
- 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 tables.

OTHER IMPORTANT INFORMATION

BIDDING METHOD:

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

PAYMENT TERMS:

- i. Payment shall be made in 100% equivalent Pak Rupees, at actual, against verified invoices at official exchange rate prevalent on the date of payment.

(This clause will be prevailing instead of Master set of Tender document (Services) "ITB" clause # 07 'PAYMENT')

- ii. The clause 4A(ii) of the Draft Contract may treated as deleted

AMOUNT OF BID BOND:

Bid Bond /Bid Security amounting to **USD 30,000/-** 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 & Master Set to Tender Documents (Services) and provide complete information / documents including tender annexures with the bid.

Following is the link for Master Set of Tender Documents for Services:

<https://ogdcl.com/sites/default/files/Tender%20Document%20Services%20Press%20for%20Webloading%20dated%2018-03-2019-N.pdf>