



**TENDER ENQUIRY # PROC-SERVICES/CB/WS-5185/2021**

**HIRING OF ACIDIZATION SERVICES TO RELEASE THE STUCK  
STRING**

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

### **INSTRUCTIONS TO THE BIDDERS:**

1. Bidders are required to mention the rent/ costs of equipment's, materials/ chemicals given in financial bid format. Units of measurement for rent estimation of quoted equipment, material/ chemicals must be the same as given in financial bid format.
2. Bidder should mention / attach the following in their technical bid:
  - a. Product Data Memorandum (PDM) of the offered chemicals (as per technical evaluation criteria & financial bid format).
  - b. Material Safety Data Sheets (MSDS) of the offered chemicals (as per technical evaluation criteria & financial bid format).
3. The rate of each chemical should strictly be quoted as per given Format.
4. Unit prices/rate/services charges of all the proposed chemicals/equipment/personnel/ contingency material etc. should be based at rig / well site and will stand valid throughout the contract period.
5. Each bidder should provide Complete Valid Standard/ middle east Price List which should must be based at rig site prices along with applicable discount for all other related chemicals / equipment's which are not included in Financial Bid Format, with the technical bid for reference purpose, however the separate in principal approval from OGDCL shall be required if used in case of emergent requirement. Moreover, no additional charges will be paid in account of transportation.
6. Each bidder must have at least 07 years' experience related to providing acidization services at different wells. List of the clients to whom Acidization services have been provided in the recent past 07 years should be submitted with technical bid.
7. Bidder must have to submit the proof of satisfactory track record of acidization services rendered in or outside Pakistan, minimum 07 case histories of proposed system / Acid jobs carried out and experience of working with different clients for the recent past 07 years must be attached with the technical bid.
8. The rent/ prices/ service charges should include all associated charges / expenses i.e. shipping / transportation, handling, clearing, forwarding and all applicable taxes by Govt. of Pakistan excluding GST & ICT/ PST on services. No hidden charges will be accepted at later stage.
9. The duration of the contract will be two (02) years under rate running on as when required basis and further extendable with mutual consent.
10. Service Engineers / Operator charges per day to be quoted in the financial bid. OGDCL will not provide transport to Engineers from nearest airport to & from well site, whereas security clearance / valid work visa, pick & drop etc. will be the sole responsibility of the contractor. OGDCL will provide boarding and lodging for contractor's personnel at rig site.

11. Minimum two crew should be available with each bidder including but not limited to Engineers/ Supervisors, operator and helper. Engineers/supervisor who will supervise / render the services should be at least Graduate (Science) or Graduate Engineer with minimum 05 years relevant continuous working experience or Diploma holder with minimum 08 years relevant continuous working experience for execution of such services at fields i.e. to carry out acid jobs safely & successfully. Minimum two proposed crew C. Vs should be enclosed with the technical bid. Whereas key personnel C.Vs that will be involved in design, supervision and implementation and necessary support during execution of job, should portraying the details of experience, no. of successful job, level of competence etc
12. 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.
13. If during job, it is ascertained that the service company is unable to perform / accomplish the job satisfactorily, OGDCL reserves the right to demobilize and take the action as per standard term and condition of contract and no any payment will be made for such type of job.
14. Each bidder must have 02-well established bases, having minimum two units/sets of equipment to perform the acidization job i.e 1-base in North region & 1-base in South/Center region) along with chemical yard having substantial quantities of required chemicals (local & imported) for provision of acidization services on as & when required basis.
15. Bidder shall maintain sufficient back up / stock of essential equipment's / materials at their bases in Pakistan to meet urgent / contingent requirement of OGDCL.
16. Each Bidder must be furnished the valid inspection / fitness certificate for their equipment's i.e high pressure pumping unit and acid storage tank from the reputable 3<sup>rd</sup> party Inspection company along with technical proposal.
17. All equipment must be H2S compliant. HSE / Safety related equipment should be available with contractor's equipment.
18. Bidder should also have the facility & means (import permit etc.) to import required equipment's / products.
19. After establishing contract, senior professionals / engineers / consultant stationed in Pakistan having minimum 10-year experience should be assigned for provision of technical assistance to field Engineers / operators working at well sites and to coordinate with OGDCL personnel at Head office, Islamabad at no cost to OGDCL.
20. When OGDCL will asked/placed the order for job at any well, the contractor will have to prepare and submit detail job program based on the said well problems and their experience in similar adjoining areas. The contractor will have to execute the job within the approved proposed program & cost, except any deviation caused due to any uncertain situation of well subject to prior approval of head Office.
21. The contractor should have necessary Engineering support software's and data required for job and after the completion, contractor will provide soft copy of job report on CD with complete

data, tables, charts and their analysis with lesson learnt including conclusion / recommendations along with one hard copy.

22. OGDCL will only provide crane / lifter for offloading of equipment's / materials at well site. However, company will not be responsible for damages / wastages and deterioration of the bidder's equipment's / materials for any reason. 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
23. 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). Moreover, stand by charges will start after reaching at Rig site for all outsource unit/personnel services.
24. Extra equipment and materials shall not be mobilized / stored at well site without prior approval of OGDCL.
25. Standby charges must not be greater than 30% of full day operational charges.
26. It is mandatory for each bidder to provide the recipe / doses of different ingredients for each temperature range mentioned in the financial bid format.
27. Barite will be provided by the OGDCL for spacer if required.
28. Damaged / sub-standard / mal-functioned equipment's / materials (if any) will be considered to be charged / consumed at zero rate with no excuse.
29. Import / Export custom clearance, custom duties, or any other cost of the contractor equipment / material will be at contractor's account.
30. Job design & technical assistance will be provided by the contractor at no cost to OGDCL.
31. **Distance:**

Distance map of OGDCL fields / wells is attached at Annexure "A-1" however for any new location, distance given by the OGDCL will be considered final. Moreover, the distance will be measured from nearest base of the contractor to the well location.
32. The bidder fulfilling all the terms and conditions / TOR will be declared technically responsive.

## TECHNICAL EVALUATION CRITERIA

### Distribution of Marks for Technical Evaluation:

<b>S. No.</b>	<b>Description</b>	<b>Total Marks assigned</b>	<b>Min. marks required for responsiveness of the bidder</b>
1.	Product Data Memorandums (PDMs) & Material Safety Data Sheets (MSDS) of the offered 16 chemicals	32	32
2.	List of clients along with case histories of Acid jobs carried out with different clients for the recent past 07 years (02 marks for each year with minimum 01 job experience, Max. 20 Marks for 10 years with 10 jobs and more than 10 Years' experience).	20	14
3.	Equipment High pressure pumping unit & Acid storage tank valid Fitness Certificates (5 no. for 1-unit, minimum 02 units required for contract period, maximum marks 15 for more than 2-units)	15	10
4.	CV's of at least 02 team for 02-units/package including but not limited to Supervisors / Engineers, operator & helper as per clause-11 of Instructions to Bidders. (06 Marks for each team CVs meeting OGDCL criteria, 02-teams minimum requirement, for 03 and more than 03 teams CVs, additional 03 Marks)	15	12
5.	Two established bases in Pakistan 1-base in North, 1-base in South having sufficient quantities of required chemicals / equipment's in Pakistan i.e 01 set of equipment for acidization job	18	18
<b>TOTAL</b>		<b>100</b>	<b>86</b>

# **FINANCIAL BID FORMAT**

## **NORTH, CENTER & SOUTH REGION**

**FINANCIAL EVALUATION FOR HIRING OF ACIDIZATION SERVICES UNDER  
RATE RUNNING CONTRACT ON AS AND WHEN REQUIRED BASIS  
(NORTH, SOUTH & CENTER REGION)**

SR. NO	DESCRIPTION	UNIT	TOTAL QUANTITY	UNIT PRICE (USD)	TOTAL PRICE (US\$)	
1.	Cost of <b>15% Acid Un-Gelled</b> Along With all necessary additives required for the Temperature Ranges	70°C TO 90 °C	Gallon	1000	required	required
		91°C TO 120 °C	Gallon	3000	required	required
		121°C TO 150 °C	Gallon	2000	required	required
		Greater than 151°C	Gallon	1000	required	required
		<b>Total Price of Sr. No.01 (USD) =</b>				
2.	Cost of <b>15% Acid Gelled</b> Along With all necessary additives required for the Temperature Ranges	70°C TO 90 °C	Gallon	1000	required	required
		91°C TO 120 °C	Gallon	4000	required	required
		121°C TO 150 °C	Gallon	3000	required	required
		Greater than 151°C	Gallon	1000	required	required
		<b>Total Price of Sr. no. 02 (USD) =</b>				
3	Cost of <b>12 (%) HCl : 3 (%) HF</b> Along With all necessary additives required for the Temperature Ranges	70°C TO 90 °C	Gallon	1000	required	required
		91°C TO 120 °C	Gallon	3000	required	required
		121°C TO 150 °C	Gallon	2000	required	required
		Greater than 151°C	Gallon	1000	required	required
		<b>Total Price of Sr. no. 03 (USD) =</b>				
4.	Operational pumping charge of complete set of equipment to perform the job, including but not limited to high pressure pumping unit, batch mixer & acid storage bin (2000 gallon capacity) etc.	Gallon	5000	required	required	
5.	Stand by charges of complete set of equipment to perform the job, including but not limited to high pressure pumping unit, batch mixer, acid storage bin (2000 gallon capacity) etc.	Day	01	required	required	
6.	Services charges of crew for equipment operational day	Day	01	required	required	
7.	Services charges of crew for equipment Stand by day	Day	01	required	required	
8.	Mob/Demob charges of crew/team	Km	700	required	required	
9.	Mob/Demob charges of complete set of Equipment including but not limited to <ul style="list-style-type: none"> <li>• High pressure pumping unit</li> <li>• Batch Mixer</li> <li>• Acid Storage tank</li> <li>• Iron Basket &amp; Hose Rack</li> <li>• Any other equipment required for job</li> </ul>	Km	700	required	required	
<b>Total Price of Sr. no. 04 to Sr. no.9 (USD) =</b>					<b>D</b>	
<b>CUMMULATIVE COST FOR ONE YEAR (USD)=(Y)</b>				<b>Y = A + (3*B) + C + (5*D)</b>		
<b>Considering total 05 jobs per annum for evaluation purpose only. (Three (03) jobs for Sr. no. 2 and One (01) job each for Sr. No. 1 &amp; 3)</b>						
<b>CUMMULATIVE COST FOR TWO YEAR(10-wells) (USD) = (Z)</b>				<b>Z =2 × Y</b>		

**Note:**

- (i) The quantities mentioned in column no.04 under heading of ‘Total Quantity’ /jobs/wells mentioned in the financial bid are for evaluation purpose only which can be increased or decreased depending upon the operational requirement.
- (ii) Standby charges must not be greater than 30% of full day operational charges.
- (iii) Payment of invoices will be made as per actual pumping charges, concentration (percentage) of acid, consumption of the material, distance covered and period / duration of job.
- (iv) The Cost per Gallon of 15% Un-Gelled Acid, 15% Gelled Acid and 12 (%) HCl : 3 (%) HF must be exactly same as its respective break-up tabulated below.
- (v) The technical evaluation criteria is technically responsive and financially the lowest.
- (vi) The Financial Evaluation will be carried out on total lump sum cost basis.

**BREAK-UP OF PRODUCTS TO BE CONSUMED****1. For Temperature 70°C TO 90 °C**

SR. NO	PRODUCT DESCRIPTION	UNIT	15% Un-Gelled Acid		15% Gelled Acid		12 (%) HCl : 3 (%) HF	
			Quantity / Gal	Cost / Gal	Quantity / Gal	Cost / Gal	Quantity / Gal	Cost / Gal
1.	32% Raw HCl Acid	Gal						
2.	Water	Gal						
3.	Corrosion Inhibitor	Gal						
4.	Inhibitor intensifier	Gal						
5.	Iron Controlling agent	Gal						
6.	Chemical Wash	Gal						
7.	Spacer	Gal						
8.	Ammonium Bi Fluoride	Gal						
9.	Ammonium Chloride	Gal						
10.	Benzoic acid	Gal						
11.	Anti-Sludge	Gal						
12.	Gelling Agent	Gal						
13.	Chelating Agent	Lbs						
14.	Surfactant	Gal						
15.	Mutual Solvent	Gal						
16.	HF Intensifier	Lbs						
17.	Oil Soluble Diverter	Lbs						
<b>TOTAL SUM (USD)</b>								



**2. For Temperature 91°C TO 120 °C**

SR. NO	PRODUCT DESCRIPTION	UNIT	15% Un-Gelled Acid		15% Gelled Acid		12 (%) HCl : 3 (%) HF	
			Quantity / Gal	Cost / Gal	Quantity / Gal	Cost / Gal	Quantity / Gal	Cost / Gal
1.	32% Raw HCl Acid	Gal						
2.	Water	Gal						
3.	Corrosion Inhibitor	Gal						
4.	Inhibitor intensifier	Gal						
5.	Iron Controlling agent	Gal						
6.	Chemical Wash	Gal						
7.	Spacer	Gal						
8.	Ammonium Bi Fluoride	Gal						
9.	Ammonium Chloride	Gal						
10.	Benzoic acid	Gal						
11.	Anti-Sludge	Gal						
12.	Gelling Agent	Gal						
13.	Chelating Agent	Lbs						
14.	Surfactant	Gal						
15.	Mutual Solvent	Gal						
16.	HF Intensifier	Lbs						
17.	Oil Soluble Diverter	Lbs						
<b>TOTAL SUM (USD)</b>								

**3. For Temperature 121°C TO 150 °C**

SR. NO	PRODUCT DESCRIPTION	UNIT	15% Un-Gelled Acid		15% Gelled Acid		12 (%) HCl : 3 (%) HF	
			Quantity / Gal	Cost / Gal	Quantity / Gal	Cost / Gal	Quantity / Gal	Cost / Gal
1.	32% Raw HCl Acid	Gal						
2.	Water	Gal						
3.	Corrosion Inhibitor	Gal						
4.	Inhibitor intensifier	Gal						
5.	Iron Controlling agent	Gal						
6.	Chemical Wash	Gal						
7.	Spacer	Gal						
8.	Ammonium Bi Fluoride	Gal						
9.	Ammonium Chloride	Gal						
10.	Benzoic acid	Gal						
11.	Anti-Sludge	Gal						
12.	Gelling Agent	Gal						
13.	Chelating Agent	Lbs						
14.	Surfactant	Gal						
15.	Mutual Solvent	Gal						
16.	HF Intensifier	Lbs						
17.	Oil Soluble Diverter	Lbs						
<b>TOTAL SUM (USD)</b>								

**4. For Temperature Greater than 151°C**

SR. NO	PRODUCT DESCRIPTION	UNIT	15% Un-Gelled Acid		15% Gelled Acid		12 (%) HCl : 3 (%) HF	
			Quantity / Gal	Cost / Gal	Quantity / Gal	Cost / Gal	Quantity / Gal	Cost / Gal
1.	32% Raw HCl Acid	Gal						
2.	Water	Gal						
3.	Corrosion Inhibitor	Gal						
4.	Inhibitor intensifier	Gal						
5.	Iron Controlling agent	Gal						
6.	Chemical Wash	Gal						
7.	Spacer	Gal						
8.	Ammonium Bi Fluoride	Gal						
9.	Ammonium Chloride	Gal						
10.	Benzoic acid	Gal						
11.	Anti-Sludge	Gal						
12.	Gelling Agent	Gal						
13.	Chelating Agent	Lbs						
14.	Surfactant	Gal						
15.	Mutual Solvent	Gal						
16.	HF Intensifier	Lbs						
17.	Oil Soluble Diverter	Lbs						
<b>TOTAL SUM (USD)</b>								

## **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 2,400.00/- 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](http://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.

