

**OIL & GAS DEVELOPMENT COMPANY LIMITED**  
**PROCUREMENT DEPARTMENT, ISLAMABAD**  
**FOREIGN SECTION A**

(To be completed, filled in, signed and stamped by the principal)

ANNEXURE 'A'

Material Water Treatment Chemicals  
Tender Enquiry No PROC-FA/CB/P&P-3373/2018  
Due Date  
Evaluation Criteria FULL PKG.

**SCHEDULE OF REQUIREMENT**

Sr No	Description	Unit	Quantity	Unit Price (FOB)	Total Price (FOB)	Unit Price C & F BY SEA	Total Price C & F BY SEA	Deviated From Tender Spec, If Any
1	DEPOSIT CONTROL,ANTIFOAMING & BIODISPERSENT, SPECTRUS BD 1500/DEPOSITROL BL-5310 ,PC WT DISP 605 OR EQUIVALENT	Kilo Grams	3000					
2	SCALE INHIBTOR,CONTINUM AEC 3192,PC WT S1 915 OR EQUIVALENT	Kilo Grams	1500					
3	BIOCIDE, SPECTRUS NX-1104,PC WT B 711 OR EQUIVALENT	Kilo Grams	1500					
4	CORROSION/SCALE INHIBITOR, PC WT CI/SI 10/NALCO 73204 OR EQUIVALENT	Kilo Grams	4500					
5	NON OXIDIZING BIOCIDE, PC WT B 712/NALCO 8514,OR EQUIVALENT	Kilo Grams	200					
6	OXIDIZING BIOCIDE ,CORROSION/SCALE INHIBITOR, PC WT DISP 610/NALCO 3434 OR EQUIVALENT	Kilo Grams	1500					

**1-Bid bond**;-Pursuant to tender clause # 2.2, 11.4, 13 & 35.3.2, bid(s) must be accompanied by an upfront bid bond in the form of pay order/ demand draft or bank guarantee issued by scheduled bank of Pakistan or a branch of foreign bank operating in Pakistan for an amount of US \$1,000/- (United States Dollar One Thousand Only) or equivalent Pak Rupees, with technical bid and valid for 150 days from the date of opening of the bids. The bank guarantee must be issued in accordance with the format as per Annexure-C of the tender documents.

**2. Terms and conditions**:-Bidders are advice to carefully read all the terms and conditions of the Tender Document available at OGDCL web site in the master tender document.

**3- Shipment from ACU member Countries**: In case of shipment from ACU member countries, the LC beneficiary should be of that particular country from where the consignment is being shipped.

**4. Summary rejection criteria**: - The summary rejection criteria at clause # 35 of the tender document may also be examined carefully. Any bid not meeting the criteria spelled in the clause # 35 shall be summarily rejected without any right of appeal. Delivery of Water Treatment Chemicals is 90 days after confirmed LC and successful trial run.

**5. Foreign Procurement Payment Terms (also available at OGDCL website (Tenders Tab)**

**(i) Tender value less than or equal to US\$ 200,000:**

Payment to the Contractor/ bidder in foreign currency shall be made by establishing in favor of the Contractor an irrevocable Letter of Credit (hereinafter called the L/C). 70 % Payment (s) under the L/C will be made for the FOB/ CFR / CPT (as the case may be) price of material of each shipment upon submission of the shipping documents. Balance 30% Payment will be released after receipt, inspection and acceptance of material.

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**(ii) Tender value more than US\$ 200,000:**

Payment to the Contractor/ bidder in foreign currency shall be made by establishing in favor of the Contractor an irrevocable Letter of Credit (hereinafter called the L/C). 80 % Payment (s) under the L/C will be made for the FOB/ CFR / CPT (as the case may be) price of material of each shipment upon submission of the shipping documents. Balance 20% Payment will be released after receipt, inspection (in addition of pre-shipment inspection) and acceptance of material.



**Water Treatment Chemicals**

OGDCL invite bids for the supply of different Water Treatment Chemicals (cooling water treatment chemicals) in accordance with the terms and conditions specified in the Tender Documents.

**1. Scope of Work**

The following scope of supply shall be applicable for the operations at Dakhni & Qadirpur Gas Processing Plants.

- 1.1 Supply of water treatment chemicals as per quantity mentioned at SOR.
- 1.2 Achieve results required for cooling water with optimized dosing rate.
- 1.3 Technical support services throughout the usage of supplied chemicals as per Clause 7. *(free of cost)*
- 1.4 Provide operating guidelines and technical literature for the proper usage of the chemical.
- 1.5 Provide details of water quality parameters required to monitor for smooth plant operations and performance evaluation of the supplied chemicals.

**2. Basis for Selection of Water Treatment Chemicals**

**2.1 Qadirpur Plant**

**RAW Water Analysis Data**

S/No.	Parameters	Unit	Control Range
1	pH	~	7.38
2	TDS	mg/L	300
3	Conductivity	us/cm	615
4	Ca-Hardness	mg/L	136
5	Chloride	mg/L	70.90
6	TSS	mg/L	8.00
7	Iron	mg/L	0.02
8	SS ppm	ppm	Nil
9	M.Alk	us/cm	288
10	PO4	mg/L	0.43

**2.2 Dakhni Plant**

**RAW Water Analysis Data**

S/No.	Parameters	Unit	Control Range
1	pH	~	7.24

2	TDS	mg/l	412
3	Conductivity	us/cm	841
4	Chlorides	ppm	17
5	Total hardness as CaCO <sub>3</sub>	mg/l	158
6	Calcium Hardness as CaCO <sub>3</sub>	mg/l	100
7	Magnesium Hardness as CaCO <sub>3</sub>	mg/l	
8	Total-Alkanity	ppm	160
9	Iron	ppm	0.67
10	Turbidity	NTU	0

### 3. Necessary Data

#### 3.1 Clients / Sales Achievement in Pakistan (oil & gas companies)

Bidder has to furnish Two letter of recommendation/performance comments of the client/user from any reputed petrochemical company preferably one from Pakistan while the Bidder who supplied the same chemical to OGDCL through bidding procedure and subsequently having satisfactory performance is not required to submit letter of recommendation while attach the copy of PO with quantity supplied.

S.No	Name of client with address and phone Nos.	Contract/Purchase order No. with date	Quantity Supplied

#### 3.2 Necessary Attachments with Bid

S.No	Description	Attached / Provided or Not
01	Complete product data memorandum, chemical specifications, application notes, storage, and handling, dosing rate and disposal recommendations.	
02	Details of Chemical parameters required for monitoring of chemicals efficiency.	
03	MSDS of all quoted chemicals	
04	Valid ISO-9001 & ISO-14001 of manufacturer	
05	Original authority letter issued by the manufacturer to bidder and local agent for quoting their product	
06	Client list in Pakistan as per given format	

#### 3.3 Bid Summary Sheet

Bid summary sheet should be submitted in following format.

S. No.	Description	
01	A	Name of Bidder
	B	Name of authorized signatory of bidder
	C	Complete address, phone, fax numbers and email of bidder
02	A	Name of Local agent
	B	Name of authorized signatory of local agent
	C	Complete address, phone, fax numbers and email of local agent
03	A	Name of manufacturer
	B	Complete address, phone, fax numbers, email and website of manufacturer
04	Brand Name of Product(s)	
05	Country of origin/manufacturing facility	
06	Port of shipment	
07	Minimum shelf life of product should not less than 03 years	

#### 4. Packing

- 4.1 Material will be supplied in brand new drums as per manufacturer's specification. Packing should be of international standard (pelletized packing)
- 4.2 Each drum should be clearly marked with contract no., chemical name, and name of manufacturer, net & gross weights, lot/batch No. and Dates of manufacturing and expiry.

#### 5. Delivery Period

Delivery of Water Treatment Chemicals is 90 days after confirmed LC and successful trial run.

#### 6. Specific Conditions and Vendor Liabilities for Supply of Water Treatment Chemicals

The company (OGDCL) invites bids from bidders for the supply of different water treatment chemicals in accordance with the terms and conditions listed below:

- 6.1 Only genuine manufacturers having manufacturing experience of at least 10 years will be considered appropriate for technical evaluation, trade houses and stockiest will not be treated as manufacturers. Bidder must have a local set-up for technical and after sale services in Pakistan.
- 6.2 Bidder shall provide complete details with their technical bid for the shipping, storage and protection of the chemical at H<sub>2</sub>S plant.
- 6.3 Vendor shall guarantee that their supplied chemicals shall fulfill the process requirements as indicated in Clause 2. Vendor shall be liable to identify/provide the details of requirements to meet the requirement provided in Clause 2. Bidder may

quote any additional chemical to achieve the required results which will consider in financial evaluation.

- 6.4 Bidder will have to confirm compatibility of their quoted chemicals with plant metallurgy and their effects on metal to avoid corrosion / leakage/ choking etc.
- 6.5 The quantities mentioned in the tender are for 02 years' requirement and based on average usage of the in-use water treatment chemicals. Dosing rates of each quoted chemicals must be mentioned in bid which is also to be consider in technical and financial evaluation. Bidder may visit OGDCL plant site before quoting chemicals and their experts may give recommendations regarding dosage/usage of their offered chemicals on the basis of water quality control parameter data.
- 6.6 For any newly quoted chemicals which are technically responsive and financially lowest, the vender/bidder will be responsible for conducting free trial run at Dakhni & Qadirpur plants and it will continue till the process official of concerned plants are satisfied and dosage rate is established and performance test is conducted.(maximum two weeks) and will provide indented chemicals for said trial run free of cost also, During trial run bidder will have to achieve required results with their quoted / recommended dosing rates otherwise they will be responsible to provide additional required chemical(s) to OGDCL free of cost. OGDCL may asked to conduct trial run before complete shipment to any of the bidder who previously supplied the same chemicals to OGDCL in order to witnessed the quoted dosing rates.
- 6.7 Before placing purchase order, successful bidder will have to provide complete list of the controlling parameters and their acceptable ranges require analyzing for monitoring the efficiency of dosing chemicals and for smooth plant operations.

## **7. Technical Services:**

All technical services provided by bidder should be free of cost described at tender clause 7.1-7.4

- 7.1 Bidder's expert must be available at plant at the time of initial usage of their supplied chemicals till completion of its performance test. This activity includes, but not limited to handling, optimization of dosing rates and to identify the problems and trouble shoot and recommend solution(s) during the activity.
- 7.2 Onsite training of operation and analytical services personnel during activity No 7.1.
- 7.3 Bidder expert may be called at annual turn around his availability for any trouble shooting must be confirmed. Complete lab analysis of sample(s) recovers during shut down activities from cooling towers (annually 03 samples max.)
- 7.4 Perpetual Technical Support.
- i. Telephonic conversations, no limits
  - ii. Update of new product/development
  - iii. Technical assistance throughout the usage of chemical as and when required at the supplier/vendor expenditures.

  
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