

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 HYDRATE INHIBITOR FOR DIFFERENT FIELDS
Tender Enquiry No PROC-FA/CB/CORR-4600/2019
Due Date
Evaluation Criteria FULL

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	Hydrate inhibitor EC-6481-A, PC- GHI-7100 OR Equivalent	DRUM (208.2 LTR)	80					

Note:

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 \$1,800/= (United States Dollar One Thousand Eight Hundred 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 advised 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.

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.

(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.

RIAZ
(Signature)

TERMS AND CONDITIONS

1. Company Information

i.	Full Name, registered address, web site, email address, landline telephone numbers of bidder / beneficiary of LC.	Bidder to provide as mandatory requirement
ii.	Name of the authorized person / signatory of the bid, his / her designation, contact numbers (both land line and cell number), email address for any correspondence etc.	
iii.	Full Name, registered address, web site, email address, landline telephone numbers of manufacturer.	Original authority letter is mandatory
iv.	Name of the authorized person / signatory (on behalf of manufacturer), his / her designation, contact numbers (both land line and cell number), email address etc.	
v.	Full Name, registered address, web site, email address, landline telephone numbers of local agent (if any).	Bidder to provide as mandatory requirement
vi.	Name of the authorized person / signatory, his / her designation, contact numbers (both land line and cell number), email address etc on behalf of local agent.	
vii.	In case of local agent / representative, the bidder shall have to provide ORIGINAL AUTHORITY LETTER issued by manufacturer to bidder for quoting their product and assuring to supply.	
viii.	Full Name, registered address, web site, email address, landline telephone numbers of blending facility / manufacturing plant.	Bidder to provide firm info of only one facility / country.
ix.	Name of the authorized person, his / her designation, contact numbers (both land line and cell number), email address etc on of manufacturing plant / blending facility.	
x.	ISO 9001-2008 quality management certificate for manufacturing plant / blending facility.	

2. Product Information

i.	Brand Name of the offered product.	Bidder to provide
ii.	Bidder to carry out Simulation / Laboratory Tests i.e High pressure autoclaves, Rocking cells or flow loops or other selection criteria for the offered product based on the attached field parameters (water cut, oil and gas composition of the filed) and results to be attached or provided with technical bid. This is a mandatory requirement. Any bidder failing to provide shall be declared as Non-responsive.	
iii.	MSDS Sheet clearly showing / mentioning range of active ingredients i.e. % butoxy ethanol, ethylene glycol etc / appearance / specific gravity / viscosity / solubility / pH / flash point etc.	
iv.	Type of hydrate inhibitor i.e. anti-agglomerates / Kinetic hydrate inhibitor or effective dose level of the offered hydrate inhibitor.	Bidder to provide.
v.	Bidder to provide clearly Hold Time or Induction Time of the offered inhibitor.	Bidder to comply
vi.	Sub cooling limit (without addition of glycol or methanol) under which the hydrate inhibitor can work effectively.	Bidder to provide.
vii.	• Relative Density 1.034 @ 15 °C.	Bidder to provide

	<ul style="list-style-type: none"> • Odour Sweet • Appearance Clear Liquid • Solubility Water soluble • pH 5-7 • Melting point -39°C (ASTM D-97) • Flash Point 71 °C • Stability for storage Stable under normal conditions 	
viii.	Compatibility with other chemicals (i.e. demulsifier, scale inhibitors, PPD etc) currently used in wells of above-mentioned fields.	Bidder to confirm
ix.	Verification / authentication certificate issued by blending company showing that the chemical is manufactured / blended as per required specifications.	Bidder to provide
x.	Purchase orders / case histories of the offered product / feedback of end user, Details of companies (Names of 3-5 clients to whom it is sold and used).	
xi.	Total 5 years of manufacturing & sale of offered product.	Bidder to confirm
xii.	Minimum shelf life of product should be 2-3 years.	
xiii.	Complete product data memorandum, chemical specification, application notes, storage, and handling, dosing rate and disposal recommendations.	Bidder to provide

3. Sales Record / Clientage / Credentials (Both local & International)

(This is a mandatory requirement. Any bidder failing to provide shall be declared as Non-responsive.)

S.No.	Name of client / Company with address, phone No., email etc	Contact person(s) with designation	Contract / Purchase Order No. (copies of POs to be provided)	Quantity supplied
i.				
ii.				
iii.				
iv.				

4. End User Recommendations /Comments

i.	The bidder is also required to provide as evidence the end user comments/recommendations on the company letter head (supplied to any E & P company in Pakistan or worldwide) where the offered hydrate inhibitor has been supplied and used showing that the same offered product has worked with satisfactory results.	Bidder to provide
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5. After Sales Services.

i.	Bidder to confirm availability of experienced technical man-power with local representative for after sales services purpose in Pakistan on as and when required basis.	Details / CVs to be provided
ii.	After supplied hydrate inhibitor is received at field, bidder / manufacturer has to depute his professional(s) during first usage of supplied chemical to help settling / optimizing dosing rates and to monitor effectiveness of supplied	Bidder to confirm. (OGDCL shall provide pick & drop facility from nearest airport, railway station or bus terminal,

Handwritten signature and initials

	product(s) at no additional cost to OGDCL.	<i>boarding, lodging & messing at field)</i>
iii.	The bidder shall also ensure to provide technical support on and when required basis throughout usage of the supplied product	Bidder to accept

7. Packing and delivery

i.	The material shall be packed in robust type drums (Plastic or steel) of acceptable quality.	Bidder to comply
ii.	The drums shall be packed in wooden pallets as per internationally acceptable standards suitable for sea and road transportation.	
iii.	Each drum shall contain minimum following information <ul style="list-style-type: none"> • Product Name, supplier's name, consignee's name etc. • Manufacturing and expiry dates. • Product batch number, Contract details, Port of shipment. • Country of origin. • Approx weight of drum in Kgs and liquid quantity in Ltrs / US gallons. (208.2 liter/drum) 	
iv.	Delivery period 90 calendar days (3-months) after LC opening.	Bidder to accept

Production Profile

Sr.No	Details	Soghari-1	Jand-1
01	Gas	7.8620 MMSCFD	7.245 MMSCFD
02	Oil	140 BBLs.	Nil
03	Water	190	Nil
04	H2S	1.10%	7.8%
05	Sp. Gravity	0.633	0.654
06	Flow line Length	22 Kms	09 Kms
07	Dia of Pipeline	8" Sch 80	8" Sch 80
08	WHFP	3150 Psi	2100 Psi
09	WHFT	136 °F	107 °F
10	FLP	1400 Psi	1640 Psi
11	FLT	175 °F	110 °F
12	Pressure Drop	No	No

Gas composition

Sr.No	Components	Jand-1 (Mole %)	Soghari-1 (Mole %)
01	Methane C ₁	84.67	90.6159
02	Ethane C ₂	1.61	3.4571
03	Propane C ₃	0.56	1.2192
04	Iso Butane i-C ₄	0.11	0.2911
05	n-Butane n-C ₄	0.15	0.3433
06	Iso-Pentane i-C ₅	0.07	0.1244
07	n-Pentane n-C ₅	0.05	0.0825
08	Hexane C ₆ ⁺	0.97	0.0222
09	Carbon dioxide CO ₂	3.06	2.3419
10	Nitrogen N ₂	0.55	0.4024
11	Hydrogen Sulfide H ₂ S	8.20	1.1000
12	Specific Gravity @ 60/60 °F	0.6820	0.629
13	Calorific Value Btu/ft ³	1012.84	1046.73
14	Base Temperature °F	60	60
15	Base Pressure Psi	14.696	14.696

Oil & Water Analysis Report Soghari-1

Description	Sp.Gravity	API	H ₂ S (PPM)	PH	TDS mg/L	Chloride mg/L
Oil	0.805	44.28	134	-	-	-
Water	-			7.39	10657	6735

Oil & Water Analysis Report Jhand-1

Description	Sp.Gravity	API	H ₂ S (PPM)	PH	Sediments (%)	Chloride mg/L
Oil	0.8080	43.6	835	-	1	-
Water	1.021			6.8	-	29246