

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

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

1/2

ANNEXURE 'A'

Material POTASSIUM LIGNOSULFONATE
 Tender Enquiry No PROC-FA/CB/WS/CHEM-3035/2017
 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	POTASSIUM LIGNOSULFONATE	Metric Ton	260					

Note:

- 1) PURSUANT TO TENDER CLAUSE # 2.2, 11.4, 13 & 35.3.2, BID BOND AMOUNTING TO USD 7,000/- OR EQUIVALENT TO PAK RUPEES MUST BE SUBMITTED WITH THE TECHNICAL BID AND VALID FOR 150 DAYS FROM THE DATE OF OPENING OF THE BID.
- 2) EVALUATION CRITERIA: FULL CONSIGNMENT WISE ON CFR KARACHI BASIS.
- 3) **TERMS AND CONDITIONS:** BIDDERS ARE ADVISED TO CAREFULLY READ ALL THE TERMS AND CONDITIONS OF THE TENDER DOCUMENT AVAILABLE AT OGDCL WEBSITE IN THE MASTER TENDER DOCUMENT.
- 4) **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.
- 5) **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.
- 6) **DELIVERY PERIOD:** THE LEAD TIME OF THE QUOTED PRODUCT SHOULD NOT BE MORE THAN 90 DAYS AFTER OPENING OF LETTER OF CREDIT (L/C)

TECHNICAL SPECIFICATIONS SHEET OF

POTASSIUM LIGNOSULPHONATE (KLS)

Potassium Lignosulphonate is an effective thinner for dispersed water base drilling fluids as well as it assists in controlling of fluid loss. It also minimizes effects of high temperature gelation in Bentonite muds.

Each bidder should fill-in the tables given below with the properties of their quoted product. Only to write “conforming to” or “OK” will not be sufficient.

A-1) TECHNICAL SPECIFICATIONS:

SR. NO.	PROPERTIES	REQUIRED SPECIFICATIONS	EXACT VALUE OF THE OFFERED PRODUCT
01.	Physical state	Free flowing powder, free from dirt and any foreign material.	
02.	Solubility	5% solution (w/v) should not leave any residue.	
03.	Moisture Content	8% Maximum	
04.	Active sulphonated Lignin content	85% Minimum	
05.	pH of 5% Solution	3-6 Approx.	
06.	Chromium content	0.01% Maximum	
07.	Potassium ions content	3-5 % (Minimum)	
08.	Lignosulphonate group	Positive	

Handwritten notes:
M. K. S. S.
8/2017
(fluid)

PERFORMANCE TESTS:

3/7

SR. NO.	PERFORMANCE TESTS	REQUIRED SPECIFICATIONS	EXACT VALUE OF THE OFFERED PRODUCT
01.	<p>a) Prepare 800 ml of 10% (w/v) of API bentonite suspension in distilled water by stirring for 30 minutes with laboratory stirrer and age for 48 hrs at $90 \pm 2^{\circ}\text{C}$. Treat this mud with 200ml of 20% (w/v) solution of lab grade Potassium Chloride (KCl) and stir for 30 minutes with laboratory stirrer and then age this suspension for 24hrs at $24 \pm 2^{\circ}\text{C}$. Stir the mud for 15 minutes with laboratory stirrer and raise its pH to 9.0-9.5 with 4N KOH solution and adjust its apparent viscosity in the range of 25-30cp by diluting with 4% KCl solution if required and also record yield point.</p> <p>b) Treat this mud with 1% (w/v) of the Potassium Lignosulphoate (KLS) and adjust pH in the range 10-10.5 with 4N KOH solution and stir for 10 minutes with Hamilton Beach Mixer at high speed and divide this mud into 02 parts. Record apparent viscosity and yield point of 1st portion.</p>	<p>Apparent viscosity should not exceed 50% of the value obtained for KCl base mud as at 1(a).</p> <p>Yield point should not exceed 25% of the value obtained for KCl base mud as at 1(a).</p>	<p><i>rechecked</i> <i>Eng. Anwar</i> <i>03/08/2017</i></p>
02.	<p>Hot roll the 2nd portion of KLS treated mud as at 1(b) at $160 \pm 2^{\circ}\text{C}$ for 24hrs in a roller oven. Cool the mud to $24 \pm 2^{\circ}\text{C}$ and stir for 10 minutes with a Hamilton Beach Mixer at high speed and record its apparent viscosity and yield point.</p>	<p>Apparent viscosity should not exceed 50% of the value obtained for the KCl base mud as at 1(a).</p> <p>Yield point should not exceed 25% of the value obtained for the KCl base mud as at 1(a)</p>	

Note: Performance tests on the provided samples will be carried out by OGDCL Lab.

A-3) NECESSARY DATA FOR POTASSIUM LIGNOSULFONATE (KLS):

SR. NO.	DESCRIPTION	
01.	Name of Bidder	
02.	Complete address, telephone and fax numbers of bidder	
03.	Name of local agent	
04.	Complete address, telephone and fax numbers of local agent	
05.	Name of Manufacturer	
06.	Name of Authorized Signatory of Manufacturer	
07.	Complete address, telephone, e-mail and fax number of manufacturer.	
08.	Website of manufacturer	
09.	Brand Name of Product	
10.	Country of origin	
11.	Port of shipment	
12.	Minimum shelf life of product	

Verified
Isaac
08/08/1

A-4) Names of at least 07 clients / sales achievement (E & P companies only) other than O to whom supplied the quoted product in bulk quantity (not less than 50 M Ton) with co numbers, year of supply and quantities during the last Five years commencing from year as a proof of five years experience.

SR. NO.	NAMES OF CLIENTS WITH ADDRESS AND TELEPHONE NOS.	CONTRACT / PURCHASE ORDER NOS. WITH DATE	QUANTITY SUPPLIED (M.TON)
01.			
02.			
03.			
04.			
05.			
06.			
07.			

A-5) **NECESSARY ATTACHMENTS:**

SR. NO.	DESCRIPTION	ATTACHED/ PROVIDED OR NOT
01.	Product Data Memorandums of Potassium Lignosulfonate (KLS) in original printed by manufacturer/ producer.	Attached/ Not attached
02.	Material Safety Data Sheets of Potassium Lignosulfonate (KLS) in original printed by manufacturer/ producer.	Attached/ Not attached
03.	Valid ISO-9001-2008 certificate as a proof for manufacturing / Production of Potassium Lignosulfonate (KLS) consecutively from last 05 years.	Attached/ Not attached
04.	Original authority letter issued by the manufacturer/ Producer to bidder for quoting the product.	Attached/ Not attached
05.	Lab evaluation report of the quoted product from an internationally reputed/ recognized third party laboratory in the light of technical specifications sheet at A-1 & A-2.	Attached/ Not attached.
06.	1 Kg sample of each of the offered Potassium Lignosulfonate (KLS).	Provided/ Not provided

B) PACKAGING FOR POTASSIUM LIGNOSULFONATE (KLS):

The chemicals should be packed as 25kgs net per bag in export quality multi-wall paper having inner polythene liner for rendering the material completely moisture proof. The material should be palletized as 700-1000 Kg, wrapped with thick polyethylene sheet and tightly strapped. The packaging of the required mud chemicals should be of international standards and capable to safe transportation during ocean / road journey from port of shipment to well site and to withstand prolonged weather conditions at the storage points and at the well sites / locations.

C) MARKING:

Each bag should have clearly legible marking, as given below;

- (a) Name of the product.
- (b) Name of the Manufacturer.
- (c) Date/month/ year of manufacture.
- (d) Minimum shelf life
- (e) Supply order number against which supplies are made.
- (f) Lot No._____/ Batch No._____.

Taqoob
03/08/20
FAZAL RAHIM
Sr. Engr. (Drilling Fluid)
Ext: 2373

D) INSTRUCTIONS TO THE BIDDERS/ TERMS & CONDITIONS:

1. The manufacturer of the quoted products must have minimum **05** years experience of manufacturing & supplying of indented chemical to E & P companies specifically, duly supported by valid authentic **ISO 9001-2008 Certificate** as a proof for manufacturing/ production of the quoted product consecutively from last 05 years . In case of any ambiguity, the certificate will be verified from issuing authority.
2. **Minimum shelf life** of the quoted products **should not be less than 03 years.**
3. Technical Specifications Sheet of the quoted products duly filled-in must be enclosed in the technical bid.
4. **Delivery period** of the quoted product should not be more than **90 Days.**
5. All submitted bids will be evaluated strictly on the basis of ^{*TOPs and*} previous performance (supply record as per shipment schedule of each consignment and PO/LC terms violation) of bidder, manufacturer and local agent, failing which will lead to disqualification of Bid thereof.
6. An authority letter in original issued by the manufacturer for allowing the bidder to quote their product for this particular tender enquiry, duly signed/stamped, must be attached with the technical bid in case the bidder is not manufacturer.
7. All the bidders must have to provide/ submit the **1Kg sample** of the quoted product along with technical bids at the time of bid submission. The valid receipt/tracking details supplied through national / international courier services has to be accompanied with the bid. No sample will be accepted / entertained after 10 days of Technical Bid Opening if not provided along with the bid, and the bid will be rejected.
8. All the bidders must have to submit the lab evaluation report of their quoted products from any internationally reputed /recognized 3rd party laboratory, strictly as per technical specification sheets of the tender document, along with the technical bid.

1 July

Proval

21/07/20

9. The quantities of indented material can be increased or decreased at the time of finalization of case according to the requirement.
10. Prior to shipment of the material, the supplier of the product will be responsible for carrying out the inspection & Lab analysis of the material from the OGDCL approved inspecting agency/ Lab for confirmation of material as per tender specifications,
11. The (Fifty) 50% payment will be released after received & inspection of said chemical at KDS store, Karachi and its final acceptance by OGDCL.
12. Shipment is required to be made in containers for minimizing damages to the costly chemical.
13. The final acceptance of the requisite consignment will be made after physical inspection of shipment & Lab analysis of representative sample for conforming to technical specs of tender documents. The lab analysis will be undertaken at OGDCL own or any other reputable lab of OGDCL choice and acceptance of the results will be binding over the supplier.
14. Material must have to be lifted back by the vendor if found not as per technical specification of this particular tender enquiry even after its receipt at the base stores and have to replace with the material conforming to technical specifications with no cost to OGDCL.
15. If any of the information provided by the bidders proves wrong or any counterfeited/unlawful document is submitted to mislead department, OGDCL reserves the right to disqualify such bids without further assigning any reason. Such bidders will not be allowed to bid for any future procurement.

=====