

**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** Mud Chemical  
**Tender Enquiry No** PROC-FA/CB/WS-4590-A/2020  
**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	SPOTTING CHEMICAL	Metric Ton	120					

**Note:**

- Bid Bond Amount:** 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 \$18,500/= (United States Dollar Eighteen Thousand Five Hundred Only) or equivalent Pak Rupees, with technical bid and valid for 150 days from the date of opening of the bids.
- Delivery period:** Delivery period of the quoted product should not be more than 60 days from the date of establishment of Letter of Credit (LC).

*vetted please.*

*Saima*  
10/07/2020  
**SAIMA MAQSOOD**  
Senior Mud Engineer  
Ext: 2221

**TECHNICAL SPECIFICATIONS SHEET OF**  
**SPOTTING CHEMICAL**

Spotting chemical is blend of asphaltic materials, surfactants and clay inhibitors which is formulated to be dispersed in diesel oil or low toxic base oil to release stuck drill pipe over various densities. It contains unique "cake cracking" surfactants which crack and penetrates water base mud filter cake to equalize pressure around differentially stuck drilling tools.

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.

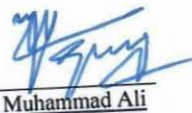
**A) TECHNICAL SPECIFICATIONS:**


SR. NO.	PROPERTIES	REQUIRED SPECIFICATIONS	EXACT VALUE OF THE OFFERED PRODUCT
01.	Physical appearance	Free flowing Powder	
02.	Density	1.04 – 1.20 gm/cc	

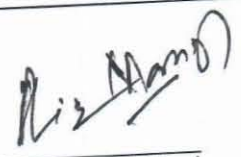
**B) PERFORMANCE TEST:**

SR. NO.	PERFORMANCE TESTS	REQUIRED SPECIFICATIONS	EXACT VALUE OF THE OFFERED PRODUCT
01.	<p><b><u>Lubricity Coefficient Test:</u></b></p> <p>Prepare a Bentonite suspension having Apparent Viscosity 10 CP, (prepared by dilution of API Bentonite, pre-hydrated for 72 hrs with Distilled water), treat the suspension with 1% (w/v) of the additive. Determine the lubricity coefficient of the treated suspension on a lubricity tester.</p>	It should not more than 0.25	

*checked please.*

**SAIMA MAQSOOD**  
Senior Mud Engineer  
Signature:   
Prepared by: Muhammad Ali  
(ME)

Signature:   
Checked by: Saima Maqsood  
(SME)

Signature:   
Approved by: Riaz Ahmed Mangi  
M I/C (DS)




02.	<p><b>Filter Cake Cracking Test:</b></p> <p>Prepare a Bentonite suspension having Apparent Viscosity 15 cp by diluting pre-hydrating Bentonite (at 90±2°C for 72 hrs.) with distilled water. Obtain a Filter Cake of this mud in the API Filter Press by carrying out filtration for 30 minutes at 100 psi pressure using Whatman Filter paper No. 01. Throw the mud away, wash the mud cake with slow stream of water without removing the mud cake from the cell and fill the cell with 100 ml of HSD oil containing 2.5% w/v spotting fluid. Close the cell and apply 100 psi pressure for 2 hrs. Release pressure, throw out the HSD solution and observe cracking pattern on the mud cake.</p>	It should develop extensive cracks.	
03.	<p><b>Mud Cake Cracking Test:</b></p> <p>Prepare a Bentonite suspension having Apparent Viscosity 15 CP, by diluting pre-hydrating Bentonite (at 90±2°C for 72 hrs.) with distilled water and load it to S.G 1.20 with Barite. Obtain a Filter Cake of this mud in the API Filter loss apparatus by carrying out filtration for 30 minutes at 100 psi pressure (use Whatman Filter paper No. 01). Throw the mud away, wash the mud cake with slow stream of water without removing the mud cake from the cell and complete fill the cell with HSD oil containing 2.5% w/v spotting fluid. Apply 100 psi pressure after closing the cell and determine the time required for collection of 100 ml filtrate.</p>	The time required should not be more than 60 minutes.	


Note: Performance tests of all above chemicals, on the provided samples will be carried out by OGDCL Lab.

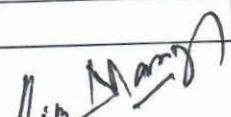
C) **NECESSARY DATA:**

S. No.	Description		
01.	A	Name of Bidder	
	B	Name of authorized signatory of bidder	
	C	Complete address, telephone, e-mail and fax numbers of bidder	
02.	A	Name of Local agent	
	B	Name of authorized signatory of local agent	
	C	Complete address, telephone, e-mail and fax numbers of local agent	
03.	A	Name of Manufacturer	
	B	Name of authorized signatory of manufacturer	
	C	Complete address, telephone, e-mail and fax numbers of manufacturer	
	D	Website of manufacturer	

attend please.

Signature:   
 Prepared by: Muhammad Ali  
 (ME)  
**SAIMA MAQSOOD**  
 Senior Mud Engineer  
 Ext: 2221

Signature:   
 Checked by: Saima Maqsood  
 (SME)

Signature:   
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04.	Brand Name of Product	
05.	Country of origin	
06.	Port of shipment	
07.	Shelf life of product	


**D) SALES ACHIEVEMENTS:**

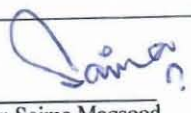
Names of \_\_\_\_\_ clients / sales achievement (E & P companies only) other than OGDCL whom supplied the quoted product in bulk quantity (not less than **50 M.Ton**) with contract numbers and quantities during the last Five(05) years commencing from year 2014 as a proof of Five (05) years' experience.

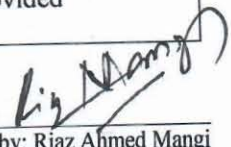
SR. NO.	NAMES OF CLIENTS WITH ADDRESS AND TELEPHONE NOS.	CONTRACT / PURCHASE ORDER NOS. WITH DATE	QUANTITY SUPPLIED (M.TON)

**E) NECESSARY ATTACHMENTS FOR TECHNICAL BID:**

SR. NO.	DESCRIPTION	ATTACHED/ PROVIDED OR NOT.
01.	Product Data Memorandums of quoted product / mud chemical in original printed by manufacturer.	Attached/ Not attached
02.	Material Safety Data Sheets of quoted product / mud chemical in original printed by manufacturer.	Attached/ Not attached
03.	Valid ISO-9001-2008 certificate for manufacturing / Production of the quoted product / mud chemical.	Attached/ Not attached
04.	Original authority letter issued by the manufacturer to bidder for quoting their product.	Attached/ Not attached
05.	1 Kg sample of quoted chemical.	Provided/ Not provided

Signature:   
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(ME)

Signature:   
Checked by: Saima Maqsood  
(SME)

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06.	Detailed formulation of their quoted product (Spotting Chemical) as per instructions to the bidders/terms & conditions clause # 09.	Attached/ attached	Not
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**PACKAGING:**

The chemical should be packed as **25kgs** net per bag in export quality new multi-wall paper bags having thick, high density inner polythene liner for rendering the material completely moisture proof. The material should be palletized as **500-1000 KG**, wrapped with thick polyethylene sheet and tightly strapped. The packaging of the required mud chemical should be of international standards and capable to safe transportation during ocean / road journey from port of shipment to well site and to withstand harsh weather conditions at the storage points and at the well sites / locations.

**MARKING:**

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

- Name of the product.
- Name of the Manufacturer.
- Date/month/ year of manufacture.
- Minimum shelf life
- Supply order number against which supplies are made.
- Lot No. \_\_\_\_\_ / Batch No. \_\_\_\_\_.

**INSTRUCTIONS TO THE BIDDERS/ TERMS & CONDITIONS:**

- Bids evaluation criteria is technically responsive and financially the lowest.
- The manufacturer of the quoted product 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 / Mud chemical consecutively from last 05 years. Bidder must provide inquiry guidance to confirm authenticity of ISO certificate. In case of any ambiguity, the certificate will be verified from issuing authority. The certificate duly submitted along with bid will be considered final. No additional certificate will be entertained at any stage of the case.
- Minimum shelf life** of the quoted product **should not be less than 03 years.**
- Technical Specifications Sheet of the quoted product duly filled-in must be enclosed in the technical bid.
- Delivery period** of the quoted product should not be more than **60 Days.**
- All submitted bids will be evaluated strictly as per TOR of tender inquiry as well as on the basis of previous performance (supply record as per shipment) of bidder, manufacturer and local agent, failing which will lead to disqualification of Bid thereof.
- 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.
- All the bidders must have to provide/ submit the **1 Kg sample** of the quoted product (conforming to OGDCL requirement as per Section **(A & B)** 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. If the sample is not submitted with the bid, it will not be accepted in any case & will lead to disqualification of bid.

Signature: \_\_\_\_\_  
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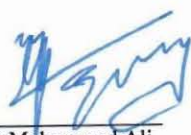
Voted  
Please.


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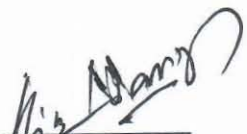
9. All the bidders have to submit the detailed formulation of their quoted product (Spotting Chemical) in their technical bid which will be formulated/tested as per bidders' provided formulation in OGDCL lab to conform its rheology.
10. The quoted product or item from country of origin "INDIA" is not acceptable as per SRO-927(I)/2019 dated 09-08-2019.
11. Prior to shipment of the material, if desired by OGDCL, 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. The inspector will be hired by OGDCL. After physical inspection, one representative sample of the chemical will be dispatched by the inspectors directly to OGDCL. Later on its Lab Evaluation report will be submitted directly to OGDCL. After examination/scrutiny, OGDCL will inform about acceptance/rejection of material/report.
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 not found as per technical specification of this particular tender enquiry even after its delivery 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 eligible to bid for any future procurement.

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