

**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** SPOTTING CHEMICAL  
**Tender Enquiry No** PROC-FA/CB/WS-5103/2021  
**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	PRIMARY EMULSIFIR 'SUPER MIX SYSTEM': BLACK MAGIC SUPOXMIX SFT, SPOTTING CHEM (OBI) IP# IASY C HEMICALS.	Metric Ton	100					

**Note:**

1. **Bid Bond Amount:** US \$ 5,750 (United State Dollar Five Thousand Seven Hundred and Fifty only) or equivalent Pak Rupees valid up to 210 Days from the date of technical bid opening
2. **Mode of Bidding:** Single stage two Envelope basis.
3. **Evaluation Criteria:** - Full Consignment wise C&F By Sea
4. **Delivery Period:** 250 days from establishment of LC but in two consignments. First Consignment of 50 M/ton must be delivered in 70 days after establishment of LC, while the 2<sup>nd</sup> and final consignment of 50 M/ton in next 180 days.
5. **Bid Validity:** 180 Days
6. Bidders are advised to carefully read all the terms and conditions of the MASTER SET OF FOREIGN TENDER DOCUMENT (PRESS-SINGLE STAGE TWO ENVELOP) available on OGDCL website which is an integral part of this Schedule of Requirement

**TECHNICAL SPECIFICATIONS SHEET**  
**FOR**  
**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 invariably mention the exact value of the properties of their quoted product along with detailed chemical composition. Only to write "conforming to" or "OK" will not be sufficient.

**A) TECHNICAL SPECIFICATIONS:**

SR. NO.	PHYSICAL PROPERTIES	REQUIRED SPECIFICATIONS	EXACT VALUE OF THE OFFERED PRODUCT
1.	Appearance	Free flowing powder	
2.	Density	1.04 – 1.20 gm/cc	

**B) PERFORMANCE EVALUATION:**

SR.N O.	PERFORMANCE TESTS	REQUIRED SPECIFICATIONS	EXACT VALUE OF THE OFFERED PRODUCT
01	<p><b><u>Lubricity Coefficient Test:</u></b>            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 be more than 0.25.	

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02.	<p><b><u>Filter Cake Cracking Test:</u></b></p> <p>Prepare a Bentonite suspension having Apparent Viscosity 15 cp by diluting pre-hydrating Bentonite (at <math>90\pm 2^{\circ}\text{C}</math> 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><u>Mud Cake Cracking Test:</u></b></p> <p>Prepare a Bentonite suspension having Apparent Viscosity 15 cp by diluting pre-hydrating Bentonite (at <math>90\pm 2^{\circ}\text{C}</math> 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 fill the cell with 100 ml of HSD oil containing 2.5% w/v spotting fluid. Apply 100 psi pressure after</p>	The time required should not be more than 50 minutes.	

	closing the cell and determine the time required for collection of 100 ml filtrate.		
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Note : All above performance tests will be carried out in OGDCL Mud lab.

**C. NECESSARY DATA:**

SR. 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 number of manufacturer.	
	D	Website of manufacturer	
04.		Brand Name of Product	



05.	Country of origin	
06.	Port of shipment	
07.	Minimum shelf life of product	

D) **SALES ACHIEVEMENTS:**

Names of at least 07 clients (E & P companies only) other than OGDCL to whom supplied the quoted product in bulk quantity (not less than 50 M.Ton) with contract Numbers, year of supply and quantities supplied for the last Five (05) years commencing from 2016 for proof of Five years' experience (Attach separate sheets if required).

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 in original printed by manufacturer.	Attached/ Not attached
03.	Valid ISO-9001-2008 certificate as a proof for manufacturing / Production of 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.	Attached/ Not attached

**PACKAGING:**

The chemical should be packed as **25 kgs** 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 **500-1000KG**, 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;

- (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. \_\_\_\_\_.

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

1. Bids Evaluation criteria will be technically and financially the lowest.
2. 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 consecutively from last 05 years as a proof for manufacturing/ production of the quoted product/Mud Chemicals. Bidders must provide inquiry guidance to confirm the 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.
3. **Minimum shelf life** of the quoted products **should not be less than 03 years.**
4. Technical Specifications Sheet of the quoted products duly filled-in must be enclosed in the technical bid.
5. **Delivery period** of the quoted product should not be more than **250 Days** however; the supplier will have to supply the chemicals in two consignments. First consignment of 50 M.Ton must be delivered in 70 days after establishment of LC, while the 2<sup>nd</sup> and final consignment of 50 M.Ton in next 180 days, failing which action will be taken as per rules.

6. All submitted bids will be evaluated strictly on the basis of TORs of this tender Enquiry as well as on the basis of previous performance/ supply record.
7. 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.
8. All the bidders must have to provide/ submit the 01 Kg 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, it will not accepted in any case & will leads to rejection of the bid.
9. The quoted product or item from country of origin "India" is not acceptable as per SRO-927(1)/2019 Dated 09-08-2019.
10. 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. Moreover, if OGDCL intends to witness the TPI / visit the manufacturing facility, the vendor will be responsible to provide the "Invitation Letter" & facilitate the visit of the OGDCL inspection Team, however the expenditure incurred on such visit will be borne by OGDCL.
11. Shipment is required to be made in containers for minimizing damages to the costly chemical.
12. 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.
13. 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 within 60 days, with no extra cost to OGDCL.

14. If any of the information provided by the bidders proves wrong or any counterfeited/unlawful document is submitted to mislead, OGDCL reserves the right to disqualify such bids without further assigning any reason.
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