

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

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

ANNEXURE 'A'

Material MUD LABORATORY EQUIPMENT
Tender Enquiry No PROC-FE/CB/WS-3255/2018
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	VISCOMETER 6-SPEED ALONGWITH TRANSFORMER, MOTOR DRIVEN, DIRECT INDICATOR, R1B1 CONFIGURATION, EQUIPPED WITH F=0.2 TORSION SPRING, FANN-35S OR EQUIVALENT.	Number	2					
2	VISCOMETER 6-SPEED ALONG WITH TRANSFORMER, MOTOR DRIVEN DIRECT INDICATOR, R1B1 CONFIGURATION EQUIPED WITH F=1 TORSION SPRING, FANN MODEL 35S OR EQUIVALENT.	Number	4					
3	MUD BALANCE, 4-SCALE WITH CASE, STEEL BODY, FANN MODEL 140 OR EQUIVALENT.	Sets	30					
4	ROLLER OVEN, 4-ROLLER, 230V, TEMP RANGE 500F (FANN MODEL 704ET OR EQUIVALENT).	Number	1					
5	AGING CELLS FOR ROLLER OVEN, STAINLESS STEEL GRADE, 500 ML CAPACITY USEABLE AT 500 DEGREE F AND 2500 PSIG, FANN MODEL NO. 210286 OR EQUIVALENT.	Number	10					
6	FUNNEL VISCOSITY (MARSH) PLASTIC, FANN, OFITE OR EQUIVALENT.	Number	20					
7	CUP, STAINLESS STEEL, MEASURING VOLUME FOR FUNNEL VISCOSITY, FANN OFITE OR EQUIVALENT.	Number	20					
8	BEARING BALL STAIN LESS STEEL, PART # 31271, SPARES FOR FANN VISCOMETER MODEL 35S.	Number	50					
9	SLEEVE ZERORING, PART # 30985.SPARES FOR FANN VISCOMETER MODEL NO. 35S.	Number	3					
10	CAPACITOR 6.0 MFD 370 VAC SIZE A (PART # 32424), SPARES FOR FANN VISCOMETER MODEL NO. 35.	Number	5					
11	SPRING TORSION (F=1), PART # 30752, SPARES FOR FANN VISCOMETER MODEL 35.	Number	20					
12	RING, LOCK (L4982), PART # 31397, SPARES FOR FANN VISCOMETER MODEL 35.	Number	20					
13	RETAINER LARGE, PART # 30027, SPARES FOR FANN VISCOMETER MODEL 35.	Number	2					
14	SPRING TORSION (F=0.2), SPARES FOR FANN VISCOMETER MODEL 35.	Number	2					
15	SIEVES, STANDARD 8" DIAMETER, 2" DEEP BRASS FRAME, SET OF MESH NO. 3, 4, 10, 16, 20, 60, 80, 100, 200 & 325.	Sets	1					
16	VIBRATOR SIEVE SHAKER DIGITAL, 20 MICRON- 25 MILLI METER (FANN, RESTECH OR EQUIVALENT).	Number	2					
17	POTASSIUM AND POTASSIUM CHLORIDE TEST KIT ALONG WITH ALL ACCESSORIES, OFITE MODEL NO. 285-09 OR EQUIVALENT.	Sets	8					
18	RETORT KIT, 10 ML, 230 VOLT, FANN MODEL NO. 871, OFITE MODEL NO. 165-10-1 OR EQUIVALENT.	Number	10					

1. **Bid bond;** - Pursuant to tender clause # 2.2, 11.4, 13 & 35.3.2, bid bond amounting to USD 2,400/- (USD Two Thousand Four Hundred only) or equivalent in Pak Rupees should be submitted with the technical bid.
2. **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.
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 and attached technical Terms & Conditions
4. **Evaluation Criteria:** FULL CONSIGNMENT WISE ON CFR BY SEA KARACHI BASIS.
5. **Delivery Period:** 90 Days.
6. **Foreign Procurement Payment Terms (Competitive Bidding)**

Following payments methods will be applied for Competitive Bidding/Press Tender;

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.

ANNEXURE-A1

TECHNICAL SPECIFICATIONS
OF
MUD LABORATORY EQUIPMENTS

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

SR NO	REQUIRED TECHNICAL SPECIFICATION	SPECIFICATIONS OF OFFERED INSTRUMENT / PRODUCT	MANUFACTURER / MAKE/YEAR OF MANUFACTURING	MODEL NO	COUNTRY OF ORIGIN
1	6- SPEED VISCOMETER WITH SPRING F = 0.2				
	<p>Fixed Speeds: 600,300,200,100, 6,3</p> <p>Supplied with: Rotor (R1), Bob (B1) & Spring (F=0.2)</p> <p>Voltage: 220 Volts, If instrument is designed to operate at 115 Volts then Transformer should be quoted within the price of main item to convert 115V to 220V, 50Hz.</p>				
2	6- SPEED VISCOMETER WITH SPRING F = 1				
	<p>Fixed Speeds: 600,300,200,100, 6,3</p> <p>Supplied with: Rotor (R1), Bob (B1) & Spring (F=1)</p> <p>Voltage: 220 Volts, If instrument is designed to operate at 115 Volts then Transformer should be quoted within the price of main item to convert 115V to 220V, 50Hz.</p>				

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3	MUD BALANCE				
	Steel Body with case Scale: Graduated in 4 band Scale with following measuring range : 1. Pounds Per Gallon (6-24) 2. Specific Gravity (0.72 – 2.88) 3. Pounds Per Cubic Foot (45 - 180) 4. Pounds per Square Inch per 1,000 feet of depth (310 –1250)				
4	ROLLER OVEN				
	Polished stainless steel and corrosion resistant body with a programmable timer and a digital temperature controller that supports both Celsius and Fahrenheit measurements. capacity: 4-Roller, Temperature Range : 500°F Heater Power: 1000 Watts Voltage: 230 VAC The Roller Oven must be provided with enhanced safety controller to be attached on over-temperature ranges.				

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5	AGING CELLS FOR ROLLER OVEN				
	Stainless steel, 500 ml capacity, useable at 500°F and 500 PSIG.				
6	MARSH FUNNEL				
	Tough & Durable plastic body that resists breaking or cracking.				
7	MEASURING CUP				
	Graduated stainless steel cup for measuring volume for funnel viscosity with mark at 946 ml.				
8	VIBRATORY SIEVE SHAKER PARTICLE SIZE ANALYSIS				
	<p>For Wet and Dry Sieve analysis. Digital, having uniform mechanical action comprising both a horizontal circular action and a vertical tapping motion, ensuring accurate results.</p> <p>Range : 20µm to 25mm Voltage: 220 V / 50 Hz</p>				

SR NO	REQUIRED TECHNICAL SPECIFICATION	SPECIFICATIONS OF OFFERED INSTRUMENT / PRODUCT	MANUFACTURER / MAKE/YEAR OF MANUFACTURING	MODEL NO	COUNTRY OF ORIGIN
9	SET OF SIEVES				
	Standard 8" Diameter, 2" Deep Brass Frame, Set of Mesh No. 3, 4,10,16, 20, 60,80,100,200 & 325 (one each)				
10	POTASSIUM ION TEST KIT				
	Centrifuge Method, for measuring greater than 5000 mg per litre KCl Range :2% KCl to 8% KCl Each carrying case must be complete, ready to use and containing hand- crank centrifuge, 04 No. Centrifuge tube (10 ml) and all standard calibration solutions etc.				
11	RETORT KIT, 10 ML				
	Simple, Direct Field Method for determining the Percent of Oil and Water in Mud samples, Capacity : 10 ml Material : Stainless Steel Case must be complete, ready to use and equipped with all accessories Power : 230Volt				

INSTRUCTION TO THE BIDDERS / TERMS & CONDITIONS

1. **API CERTIFICATION REQUIREMENT:** All the quoted instruments / equipments must have valid authentic API Certificate and the manufacturer must have ISO / API certification for manufacturing of quoted Mud Laboratory instruments / equipments as per API standards.
2. All equipments should be brand new, unused & latest model for all indented equipments can be quoted.
3. The quantities of indented items can be increased / decreased according to the requirement at the time of finalization of case.
4. Technical literature / complete set of brochures/ Service manual/ parts catalogue of the offered equipment and accessories/ spares specifying Model, type & part no's, in original should be submitted with the technical offer.
5. The manufacturer must have minimum five (05) years certified experience in the manufacturing of quoted equipments & accessories, evidence of this fact must be submitted with the technical offer. The supply record should contain detail of equipment, quantity, name & contact number of customer, year of supply, (supply record of ir-relevant items or in-complete will not be acceptable).
6. Country of manufacturing for each product will have to be mentioned clearly.
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. Hard copies as well as one set in soft format (readable CD) each of operational manual, service manual, maintenance manual and part catalogue of each equipment to be provided by the bidder with the consignment. Confirmation to this effect to be provided with the technical offer.
9. **WARRANTY/ GURANTEE:** Authority letter in original covering one (01) year warranty / guarantee of equipments from the date of acceptance to be provided by the manufacturer.
10. The final acceptance of the consignment will be made after physical inspection at OGDCL Base Store (KDS) for conforming to technical specs of tender documents.
11. The equipments must have to be lifted back by the vendor if found not as per technical specifications of this particular tender enquiry even after its receipt at the OGDCL base store and have to replace with the equipment conforming to technical specifications with no additional cost to OGDCL. Confirmation to this effect to be provided with the technical offer.

12. All submitted bids will be evaluated strictly on the basis of TORs of this particular tender enquiry as well as previous performance (supply record) of bidder, manufacturer and local agent, failing which will lead to disqualification of Bid thereof.
13. **PACKING:** All the equipments should be Boxed & packed in compact manner to ensure safe transportation during shipment. Confirmation to this effect should be provided with the technical offer.
14. **DELIVERY PERIOD:** Should not be more than 90 days after the establishment of LC.
15. **BID SUBMISSION:**
 - a. Bids offered with same point wise arrangement as per technical specification set in the tender documents will be appreciated.
 - b. Bidder will have to provide the technical compliance sheet (with the specifications of their quoted product. Only to write conforming to or ok will not be sufficient) with the technical bid for instant reference.
16. **EVALUATION CRITERIA:** Will be "Full Consignment Wise".