

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 CEMENT LAB EQUIPMENTS
Tender Enquiry No PROC-FE/CB/DRG-STIM/4319/2019
Due Date
Evaluation Criteria ITEM WISE

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	HPHT CONSISTOMETER,INDEPENDENTLY OPERATED DUAL CELLS WITH EXTERNAL CHILLER CONNECTIONS,INPUT 220VAC 50HZ,PRESSURE 22000 PSI,TEMP 400F MAX,HEATER POWER MINIMUM 4000W,CUP ROTATIONAL SPEED 150RPM,TEMP PRESSURE & CONSISTENCY ALARM,AUTO SHUTOFF	Number	1					
2	CONSTANT SPEED MIXER/BLENDER WITH 01 LITER VESSEL,INPUT 220VAC,SPEED SETTING 12000 RPM,VARIABLE SPEED CONTROL MINIMUM 18000 RPM,BUILT IN TIME RELAY WITH AUTO SHUT/OFF,SUPPLY WITH TRANSFORMER IF DESIGNED FOR LOW VOLTAGE	Number	2					
3	VISCOMETER,12 SPEED 220V,DIRECT INDICATING, 12 MANUAL SPEEDS FROM 1 TO 600 RPM, 1,2,3,6,10,20,30,60,100,200,300,600 RPM,WITH VARIABLE SPEED UPTO 1000 RPM,SUPPLY WITH SPRING,ROTOR,BOB,CALIBRATION KIT,TRANSFORMER IF DESIGNED FOR LOW VOLTAGE	Number	2					
4	COMPRESSIVE STRENGTH TESTER,TWELVE (12) TON,MANUAL,TWO COLUMN HYDRAULIC LAB PRESS, HEAVY RIGID STEEL CONSTRUCTION AND RAPID DAYLIGHT ADJUSTMENT WITH SAFETY SHIELD, OVERSIZE PRESSURE RELEASE VALVE,DUAL SCALE GUAGE READABLE	Number	1					

Note:

1. **Bid bond;** - Pursuant to tender clause # 2.2, 11.4, 13 & 35.3.2, bid bond amounting to USD 8,000/- (USD Eight Thousand only) or equivalent in Pak Rupees should be submitted with the technical bid.
2. **Evaluation Criteria:** Each Item Wise Wise on C&F by Sea Karachi.
3. **Delivery Period: 150 days**
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. **Bidder to quote unit price of each quoted spare in the financial bid only.** Un-priced list of spares with quantity to be provided with technical bid.
6. **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.
7. **Foreign Procurement Payment Terms**
Following payments methods will be applied;
 - 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.

TECHNICAL SPECIFICATIONS
OF
CEMENT LABORATORY EQUIPMENT(S)/INSTRUMENTS

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	12- SPEED VISCOMETER				
	<ul style="list-style-type: none"> ➤ 12 preset API test Speeds (RPM) 600,300,200,100,60, 30,20,10,6,3,2 and 1 along with variable speeds up to 1000 RPM . ➤ Supply with Rotor R1, Bob B1, Spring F1, Thermo Cup and Calibration kit. ➤ Voltage: 220 Volts, if instrument is designed to operate at lower Volts then Transformer should be quoted within the price of main item to convert to 220V, 50Hz. 				

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2	CONSTANT SPEED MIXER				
	<ul style="list-style-type: none"> ➤ The API standard setting speed of 12,000 including variable speeds minimum 18,000 RPM. ➤ Maintain constant shear rate during mixing of cement slurry. ➤ Built in timing relay with automatic shut-off. ➤ Stainless steel blades and mixing container of one liter <p>Voltage: 220 Volts, if instrument is designed to operate at lower Volts then Transformer should be quoted within the price of main item to convert to 220V, 50Hz.</p>				

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3	MANUAL COMPRESSIVE STRENGTH TESTER				
	<ul style="list-style-type: none"> ➤ Manual compressive strength tester to crush the cubed shape cement slurry sample. ➤ Two-column hydraulic lab Press with clamping capacity up to 12 Tons. ➤ Heavy rigid steel construction and rapid daylight adjustment with safety shield. ➤ Oversize pressure release valve. ➤ Extension handle. ➤ Heavy duty cylinder and dual scale gauge readable in M/Ton & Pounds. 				

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4	HTHP DUAL CELL CONSISTOMETER				
	<ul style="list-style-type: none"> ➤ API standard two independently operated test cells with digital temperature and pressure control. ➤ External chiller connection /jackets quickly cools test cells. ➤ Temperature, pressure and consistency alarms provide automatic shutdown for safety. ➤ Max. Temperature: 400 °F. ➤ Max. Pressure: 22,000 psi. ➤ Heater: 4,000-5000 Watts. ➤ Cup rotation: 150-160 RPM. ➤ Viscosity range: 0 - 100 Bc. ➤ Digital temperature controller. ➤ Precision magnetic drive assembly. ➤ Air driven hydraulic pump for pressure generation. 				

SR NO	REQUIRED TECHNICAL SPECIFICATION	SPECIFICATIONS OF OFFERED INSTRUMENT / PRODUCT	MANUFACTURER / MAKE/YEAR OF MANUFACTURING	MODEL NO	COUNTRY OF ORIGIN
	<p>Voltage: 220 Volts, If instrument is designed to operate at lower Volts then Transformer should be quoted within the price of main item to convert to 220V, 50Hz.</p>				

INSTRUCTION TO THE BIDDERS / TERMS & CONDITIONS

1. All the quoted instruments / equipment(s) supplies must be in accordance with API/ISO specifications and API recommended practices for manufacturing of quoted Cement Laboratory items.
2. All equipment(s) should be brand new, unused & latest model (as per OGDCL specs.) for all indented items can only be quoted.
3. PCs, data acquisition and control software system etc shall be quoted inclusive of major equipment(s)/instruments. Separate or broken quotation will not be accepted in this regard.
4. The quantities of indented items can be increased / decreased according to the requirement at the time of finalization of case.
5. Technical literature / complete set of brochures/ Service manual/ parts catalogue/drawing (electrical & piping) of the offered equipment(s) and accessories/ spares specifying Model, type & part no's, in original should be submitted with the technical offer.

6. The manufacturer must have minimum fifteen (15) years certified experience in the manufacturing of quoted equipment(s) , evidence of this fact must be submitted with the technical offer. The supply record should contain detail of equipment(s), quantity, name & contact number of customer, year of supply (supply record of **irrelevant** items or **incomplete** will not be acceptable). **Certificate of incorporation in this regard must be submitted.**
7. Country of manufacturing for each product will have to be mentioned clearly.
8. 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.
9. 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.
10. Authority letter in original covering one (01) year warranty / guarantee of equipment from the date of acceptance to be provided by the manufacturer.
11. Prior to shipment of equipment(s)/instruments, supplier will be responsible to facilitate for 3rd party inspection as per tender specifications (3rd party inspection shall be arranged by OGDCL).
12. The final acceptance of the consignment will be made after physical inspection at OGDCL Base Store (KBS/KDS) for conforming to Technical specs of tender documents.
13. The equipment(s) 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 be replaced with the equipment conforming to technical specifications with no additional cost to OGDCL. Confirmation to this effect to be provided with the technical offer.
14. 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.

15. All the equipment(s) should be boxed & packed in compact manner to ensure safe transportation during shipment. Confirmation to this effect should be provided with the technical offer.
16. Delivery period should not be more than 150 days after the establishment of LC.
17. **SPARES**: Bidder is required to quote 02 year necessary maintenance spares separately , these spares are optional and will not be part of financial evaluation.
18. **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.
19. **EVALUATION CRITERIA**: Technical and financial evaluation will be carried out on "Each Item Wise" basis , technically responsive and financially lowest bidder shall be considered for award.