

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

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

ANNEXURE 'A'

Material SHALE SHAKERS
Tender Enquiry No PROC-FB/CB/RM-5312/2022
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	COMPLETE SHALE SHAKER ASSEMBLY (DETAILED SPECIFICATIONS AND TERMS & CONDITIONS ATTACHED)	Number	9					
2	COMPREHENSIVE LOT OF TWO YEARS OEM RECOMENDED MAINTENANCE PARTS FOR NINE (09 NO.) SHALE SHAKERS (DETAILED SPECIFICATIONS AND TERMS & CONDITIONS ATTACHED)	Lot	1					
3	COMPREHENSIVE LOT OF VARIOUS API SIZE SCREENS (DETAILED SPECIFICATIONS AND TERMS & CONDITIONS ATTACHED)	Lot	1					
4	FLO-DIVIDER SUMP 3-WAY (DETAILED SPECIFICATIONS AND TERMS & CONDITIONS ATTACHED)	Number	3					
5	INSTALLATION AND COMMISSIONING OF THREE SHALE SHAKERS AT A RIG (AS PER ATTACHED TOR)	Number	3					
6	TRAINING OF OGDCL RIG CREW ON OPERATION AND TROUBLESHOOTING OF NEW MACHINES FOR 07 DAYS AT A RIG (AS PER ATTACHED TOR)	Number	3					

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- 1) BID VALIDITY: BID MUST BE VALID FOR 180 DAYS FROM BID OPENING DATE.
 - 2) BID BOND AMOUNT: US\$10,000/- OR EQUIVALENT PKR TO BE SUBMITTED WITH TECHNICAL BID AND VALID FOR 210 DAYS.
 - (3) DELIVERY PERIOD: FOUR (4) MONTHS FROM L/C ESTABLISHMENT DATE.
 - (4) EVALUATION CRITERIA: "FULL CONSIGNMENT WISE" ON CFR BY SEA KARACHI-PAKISTAN BASIS.
 - (5) TENDER DOCUMENTS AVAILABLE ON OGDCL'S WEBSITE UNDER TAB "MASTER SET OF FOREIGN TENDER DOCUMENT (PRESS-SINGLE STAGE TWO ENVELOP) 05-01-2022

A: Technical Specification:

1. The required machines (shale shakers) shall be complete in all respect, ready to install without any additional requirement for parts & accessories and shall have at least following features. Additionally, the offered shale shaker by the OEM/bidder will their latest shale shaker offering to the market. Older models of shale shakers by the same OEM/bidder will be disqualified.

- i. Each machine should be capable to handle 400 GPM on API 170 screen while drilling hole size 12 ¼" at ROP of 5 meter/ hour with the mud parameters of 1.8 SG, 35 PV and 25 YP. 7 G's force or with boost mode to take the G force above 7 G's. Statement to this effect on original letterhead of the manufacturer firm/ company duly signed and stamped by the authorized person of the manufacturer firm/ company must be provided with the technical proposal.
- ii. Adjustable deck angle while drilling.
- iii. Manual compression or pneumatic clamping type screen change/ fitting system (Wedge system screen installation/ hold down is not acceptable)
- iv. Capable to handle either flat, composite or three dimension screens.
- v. Linear, balance elliptical or progressive elliptical vibration motion.
- vi. Three or four Panel Screen Frame. Double deck shakers are acceptable
- vii. API Non-Blanked Screen Area of 21 sq. ft. minimum per machine
- viii. 380 V, 3 Phase, 50 Hz explosion proof electric system for use in Class 1, Division 1, Group C and D hazardous location.

2. Bidder to provide flow divider sumps with machines so that three shale shakers can be used at one rig. Each flow divider sump shall have all accessories (nut, bolts, pipes etc.) for installation / integration of three shale shakers at one rig. Installation and piping diagram must be provided with technical proposal.

3. Bidder to quote two years maintenance parts for the offered machines (09 No. shale shakers). Bidder provided part list for the offered machines shall be the same as mentioned in the "OEM operation manual and parts catalogue" and in below format. Quoting simply "lot" is not acceptable.

Sr. No.	Part No.	Item Description	Quantity per Machine	Total Quantity for all Machines	Cost per Unit	Total Cost for all Machines
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4. Bidder to quote following screens:

- a. Screen, Size 100 as per API RP-13C 64 No
- b. Screen, Size 120 as per API RP-13C 160 No.

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| c. Screen, Size 140 as per API RP-13C | 160 No. |
| d. Screen, Size 170 as per API RP-13C | 160 No. |
| e. Screen, Size 200 as per API RP-13C | 32 No. |
| f. Screen, Size 230 as per API RP-13C | 32 No. |

B: Terms & Conditions:

1. Bids only from manufacturers or their authorized distributors will be accepted.
2. In case bidder is authorized distributor, a hard copy of authority letter from manufacturer must be provided with the bid. Such authority letter must have the following features.
 - i. Printed on the letterhead of the manufacturer.
 - ii. Submitted in original.
 - iii. Duly signed and stamped by the manufacturer.
 - iv. Bearing OGDCL tender enquiry number.
 - v. Stating that manufacturer (name to be mentioned) has authorized the bidder (name to be mentioned) to offer the shale shakers, maintenance parts and screens against this tender enquiry.

Scanned authority letter or its photocopy will not be accepted. OGDCL reserves the right to confirm authenticity of the document from the issuer.
3. The manufacturer shall have manufacturing experience of shale shakers for last twenty five (25) years. In this regard, Bidder to provide Business License issued by the chamber of commerce or any other regulatory authority of the manufacturer's country. The Business license (or any other legal certificate) shall reflect date of business establishment, company name and company business brief in English language.
4. Bidder to provide company profile and unpriced sale record of the quoted manufacturer for last five (05) years for shale shakers along with client contacts. OGDCL reserves the right to re-confirm the authenticity of provided sale record from the clients.
5. Bidder to provide copies of minimum five (05) un-priced materialized sale contracts/ purchase orders for supplying adequate quantities (comparable to quantities in this OGDCL tender) of offered model machines to different international drilling contractors or drilling companies other than and outside the manufacturer's own country. The sold machines should have been installed and have shown satisfactory performance on drilling rigs of 2000 HP or above.
6. Bidder to provide satisfactory performance certificates/statements from at least three (03) clients of the above contracts, stating that the machines (same model offered to OGDCL) manufactured by manufacturer (name to be mentioned) and supplied against contract/

- purchase order (contract reference to be mentioned) have been found with satisfactory performance.
7. OGDCL reserves the right to re-confirm the authenticity of provided contracts/ purchase orders and certificates from manufacturer and end users.
 8. Bidder to mention in the bid proposal complete description, quantity, unit price (FOB), unit price (CPT Karachi) & extended price against each machine, maintenance part & screen. Quoting price simply for "lot" is not acceptable. OGDCL may increase or decrease quantity as per its own requirement at the time of placing order.
 9. "Certificate of Origin and Compliance" to be provided before shipment of the consignment.
 10. Bidder to provide along with the technical proposal/bid, manufacturer's original operation manual and parts catalogue for offered machines for evaluation purpose.
 11. Bidder to confirm that the offered machines, spares and screens will be supplied from fresh stock (newly manufactured within past 18 months of the date of purchase order), unused and free from all manufacturing defects.
 12. The offered machines to be covered by the manufacturer's warranty/guarantee for a period of one year from the date of installation or 18 month from the date of shipment. Compliance/confirmation to this effect to be provided with the technical proposal.
 13. Bidder to have OEM (manufacturer of the offered machines) certified engineering representation in Pakistan, which should be available within 24 to 48 hours for troubleshooting at rig site. The bidder should have in Pakistan or Middle East an operations/ support base and should be able to provide quick after sale service, delivery of spares and technical support.
 14. Installation & commissioning of the supplied machines at three OGDCL rigs in Pakistan (three machines at each rig) will be responsibility of the bidder/supplier. Cost for installation & commissioning (if any) per rig and total cost for three rigs must be quoted separately.
 - a. Arrangement of any special tool/ services required for installation/ commissioning job will be supplier's responsibility.
 - b. OGDCL plans to install & commission the new machines immediately after receipt subject to availability of the concerned rig as per operational requirement. However, OGDCL shall intimate the supplier two weeks in advance the date of installation & commissioning.
 - c. The new machines will have to replace Derrick FLC-500 series shale shakers. If any modification and additional parts/ material (cables, valves, steel structures and

associated fabrication material etc.) is required for the job, it will be the responsibility of the bidder. Representatives of bidders are encouraged to visit OGDCL rig(s) to work out for cost of installation and material required for the job (if any).

- d. Transportation of bidder's/ supplier's equipment, tools and material to OGDCL rig site will be bidder's/ supplier's responsibility.
- e. OGDCL will provide the following for installation/ commissioning job
 - i. Land transport to supplier's personnel in Pakistan from airport, nearest city to rig site and back.
 - ii. Crane and fork lifter with operators at OGDCL rig site. Crew to be trained in mechanical lifting.
 - iii. Boarding & lodging to supplier's commissioning personnel at OGDCL rig site.

15. After completion of installation and commissioning job, bidder's/ supplier's one certified engineer/ technical professional will have to stay for Seven (07) days at each rig for training of OGDCL rig crew on operation and troubleshooting of the installed machines. Cost of engineer's/ professional's stay per rig (if any) and total cost for three rigs to be quoted separately.

16. OGDCL may carry out pre-shipment third party inspection (TPI) of the consignment at the manufacturer's premises/ warehouse through OGDCL designated inspection agency at OGDCL's own cost.

17. Post-delivery inspection of the consignment at OGDCL premises in Pakistan will be carried out jointly by OGDCL representative, TPI agency (if applicable) and manufacturer's (bidder's) representative.

18. Scope of work for pre-shipment TPI and post-delivery joint inspection of the consignment is attached as "Annexure-1".

19. It will be the Bidder's/ supplier's responsibility to intimate at least two weeks in advance the dates and venue of pre-shipment inspection when the material is ready for such inspection. The Bidder will extend full cooperation to the inspector(s) in this regard. Like-wise OGDCL will intimate the date and venue of post-delivery joint inspection to the Bidder in due course of time.

20. Supplier shall provide to inspector the original "certificate of origin and compliance" and "OEM warranty" for examination and onward submission to OGDCL. OGDCL reserves the right to re-confirm the authenticity of provided certificates from issuer/manufacturer.

21. Third party inspector(s) will submit the final flash report within one day of completion of the inspection and OGDCL will intimate acceptance or rejection of the consignment/ item(s) to the supplier accordingly.
22. Shipment to be made by the supplier only after material acceptance by OGDCL in light of the third party inspector's report.
23. After completion of the third party pre-shipment inspection and subsequent acceptance by OGDCL, the material should be boxed and packed in a compact manner to ensure safe handling and transportation during shipment.
24. Third party inspector will also witness the packing and make it part of the inspection release note.
25. Bidder to submit all documents in English language. All the claims made by the Bidder shall reflect from manufacturer' official website in English. Similarly, all correspondence related to this tender shall be in English language.
26. Delivery period: 04 months from the date of establishment of Letter of Credit.
27. Evaluation Criteria: Bids will be evaluated on "Full Package" basis including following:
 - i. Cost of nine (09 No.) Shale Shakers
 - ii. Cost of three (03 No.) Flow Dividers
 - iii. Cost of OEM recommended maintenance parts for nine (09 No.) machines for two years operation as per OEM Operation and Maintenance Manual (Sr. No. 3 of technical specifications).
 - iv. Cost of screens as per mentioned specifications and quantities (Sr. No. 4 of technical specifications).
 - v. Cost of Installation & Commissioning of nine (09 No.) shale shakers on three OGDCL rigs – 03 No. Shakers at each rig (Sr. No.14 of terms and conditions).
 - vi. Cost of training of OGDCL rig crew on operation & troubleshooting of new machines on three (03) OGDCL rigs for a period of seven (07) days at each rig (Sr. No.15 of terms and conditions).
28. Payment Terms: [shall apply instead of standard payment terms for this tender enquiry]
 - i. 80% payment on shipment
 - ii. 20% payment on material delivery/ acceptance, successful installation/ commissioning at OGDCL rigs and training of OGDCL crew.

07/2022
Amir Salim
ROSEVI
3503

29. Above terms and conditions are integral part of OGDCL Tender Enquiry. A copy of these terms and conditions duly signed and stamped by the Bidder must be provided along with the bid in token of acceptance.



OIL & GAS DEVELOPMENT COMPANY LTD.
DRILLING OPERATIONS - RIG MAINTENANCE DEPARTMENT

I-9, Islamabad.

SCOPE OF WORK (S.O.W) FOR THIRD PARTY PRE-SHIPMENT INSPECTION OF SHALE SHAKERS.

SUPPLIER	Complete Name & Business/ Warehouse address of the supplier to be inserted
Local Representative	Complete Name & Business address of the supplier's local representative to be inserted
PURCHASER	Oil & Gas Development Company Ltd., OGDCL Head Office, Blue Area, Islamabad, 44000, Pakistan. Ph. +92 51 920 022 144 Fax: +92 51 921 5090 E-mail: ejaz_rizvi@ogdcl.com

1. BACKGROUND:

Oil & Gas Development Company Limited (OGDCL), Pakistan is engaged in procurement of nine (09) number of shale shakers along with flow dividers, different API size screens and manufacturer recommended maintenance parts for two years operation. OGDCL intends to carry out pre-shipment third party inspection (TPI) of these shale shakers, flow dividers, screens and parts at the supplier's premises/ warehouse. OGDCL will accept these shakers, flow dividers, screens and parts only after the third party inspection agency (TPIA) confirms that the shakers, flow dividers, screens and parts, standards of manufacturing and documentation are as per tender/ contract specifications. Scope of work (S.o.W) for this inspection job is given below.

2. MANUFACTURER/ SUPPLIER SCOPE

Supplier of the shale shakers, flow dividers, screens and parts will intimate two weeks in advance (before packing for shipment) for the said inspection and will extend full cooperation to third party inspectors. All arrangements for TPI will be supplier's responsibility. Skilled and un-skilled manpower required for inspection will be provided by the supplier. All relevant QA/QC certificates, test reports, certificate of origin & compliance and warranty in original will be made available by the supplier to inspector for examination and a copy of the same to be provided to inspector for record.

3. SCOPE OF WORK.

TPIA will carry out the required inspection according to the scope of work including but not limited to the following terms of reference.

- 3.1 TPIA will certify that the shakers, , flow dividers, screens, maintenance parts, OEM manuals (printed documents) to be supplied by the supplier are
 - 3.1.1 As per technical specifications, quantity, capacity/size and part numbers given in the purchase order.
 - 3.1.2 New, unused and free from all manufacturing defects.
 - 3.1.3 Boxed and packed in a compact manner to ensure safe handling and transportation during shipment
- 3.2 TPIA has to examine the original “certificate of origin & compliance” and “OEM/manufacture warranty” for authenticity. TPIA will make the original documents part of the final inspection report.
- 3.3 TPIA has to clearly mention Name of manufacturer, Make (country of manufacture), Type/ Model No., Arrangement Number., Serial Number, Capacity/ Rating, Year of Manufacture as inspected.
- 3.4 TPIA will notify clear acceptance/ rejection of the consignment (shale shakers, flow dividers, screens and parts) and clear remarks for rejection (if any) must be notified against each item.
- 3.5 TPIA will identify and record non-conformances against tender/ contract specifications and will assist in managing the corrective action to close out the subject.
- 3.6 TPIA has to scrutinize the inspection certificates, QA/QC certificates, test reports and other documents already available with and provided by the supplier for respective equipment to verify their authenticity/ correctness and effectiveness.
- 3.7 Third Party Inspector(s) will at all times during the inspection, maintain a close coordination with OGDCL.
- 3.8 Format of TPIA inspection certificates/ reports may be tailored to accommodate the required information.
- 3.9 OGDCL will accept the equipment only after the TPIA submits to OGDCL a clear acceptance of the shale shakers, accessories, standards of manufacture and documentation as per scope of work for this inspection.
- 3.10 Flash report of the inspection to be provided within one day of completion of inspection.
- 3.11 Original inspection reports and its copies in hard format (01 set each) with all associated certificates/ test reports/ pictures/ lists/statements etc. and original “certificate of origin & compliance” placed in suitable document folder(s) are to be submitted by the Third Party Inspection Agency to Manager (SCM)-Foreign Procurement, OGDCL.
- 3.12 Payment shall be made to the inspection agency after comprehensive acceptance of Third Party Inspection Report by OGDCL.