

**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** SEISMIC SHOT HOLE MAN PORTABLE DRILLING RIGS  
**Tender Enquiry No** PROC-FE/CB/ECMP-4511/2019  
**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	RIG, SEISMIC DRILLING SHOT HOLE MAN PORTABLE, CAPACITY 30 METER, 80 MM DIA WITH AIR, WITHOUT AIR COMPRESSOR (DETAILSPEFICATION, TERMS & CONDITIONS FROM SR # 1 TO 14 ATTACHED)	Number	30					
2	DRILL PIPE OD 60MM X 1500MM LENGTH (2-3/8" API REG PIN/BOX)	Number	600					
3	SUB, DRILL PIPE TO RD 50 PIN DTH	Number	30					
4	SUB, DRILL PIPE TO BIT	Number	30					
5	HAMMER, DTH, BR-2 BULROC VALVED, STD CHUK RD50 BOX BACK HEAD OR EQUIVALENT	Number	90					
6	BUTTON BITS, FLATE FACE DESIGN, TUNGSTEN CARBIDE, RUGGED, SIZE 80MM, BULROCK-2. OR EQUIVALENT	Number	150					
7	BIT, (03 WING) THREE WING DRAG / SCRATCHER DIA 80MM.	Number	60					

**Note:**

**NOTE:**

1. **Bid bond:** - Pursuant to tender clause # 2.2, 11.4, 13 & 35.3.2, bid bond amounting USD 17,000/- (United States Dollar Seventeen Thousand only) or equivalent in Pak Rupees should be submitted with the technical bid.
2. **Bid Bonds & Performance Bank Guarantees:** List of Banks for Bid Bonds & Performance Bank Guarantees is available in Foreign Tender Document on OGDCL website. Bid Bonds & Performance Bank Guarantees submitted from other than the mentioned Banks are not acceptable.
3. **Bidding Procedure:- SINGLE STAGE-TWO ENVELOPE**
4. **Information/Documents required:**
  - i. Corporate and Financial Information duly filled-in signed/stamped by Manufacturer & Bidder (**Format available at OGDCL website in Master Set of Press Tender Documents- Foreign**)
  - ii. Beneficiary's Verified certificate of incorporation / valid trade license
  - iii. List of Company's (beneficiary) Directors and Undertaking that Company and its directors are not blacklisted anywhere(Submission of wrong information/documents will be liable to legal proceedings including but not limited to confiscation of Bid Bond / Performance Bond & Blacklisting of Firm (the Principal) and also Local Agent)
5. **Foreign Procurement Payment Terms available at OGDCL website (Tenders Tab)**
6. **Evaluation Criteria:** - FULL CONSIGNMENT WISE ON C&F BY SEA KARACHI BASIS. Bidder to quote UNIT PRICE and quantity of each recommended spare part in FINANCIAL BID ONLY. Unpriced list to be provided with Technical Bid. Spare parts shall not be part of evaluation.
7. **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.
8. **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.
9. **Delivery Period:** 90 days

**ORACLE ATTACHEMENT REQUISITION SDU-2018**

INDENTING DEPARTMENT : Geophysical Services  
 TYPE OF COMMODITIES : Man Portable Shot Hole Drilling Rig Depth Capacity 30 Meter Hole With 80mm Bit Dia With Air.  
 MODE OF PROCUREMENT : PRESS TENDER TWO ENVELOPE  
 MODE OF SHIPMENT : C&F BY SEA

REQUISITION : SDU#178/2019  
 DATE : \_\_\_\_\_  
 DELEIVERY TIME : 90 DAYS

SR#	DESCRIPTION	UNIT	Qty.	INDEX No.
	<p><b><u>SEISMIC SHOT HOLE MAN PORTABLE DRILLING RIG DRILLING DEPTH CAPACITY 30 METER Hole With 80MM Bit Dia With Air.</u></b></p> <p><b><u>GENERAL DESCRIPTION</u></b>                      Man portable drill for shot hole drilling to conduct seismic survey in hard to inaccessible areas, the drill should be able to drill with bit and DTH hammer in all geological formation like; lime stone, hard sand stones and hard rocks.</p> <p><b><u>FEATURES</u></b></p> <ul style="list-style-type: none"> <li>i Man portable Rig for drilling depth capacity 30 meters hole of diameter 80mm.</li> <li>ii The Rig should be modular type, modules weight should not more than 75 kg.</li> <li>iii The number of module should not more than Six</li> <li>iv Maximum Wet / operational weight of the rig should not exceed 325 Kg.</li> <li>v All modules must be fitted in a light weight, high strength steel frame for transportation, and protection in field environment.</li> <li>vi All modules and interconnect Hoses should be designed for quick assembling / coupling and disassembling / decoupling for easy field operation, maintenance, repair and transportation management.</li> <li>vii The dimension and volume of the module must be such type that, it could be easily carried by men on hilly foot tracks.</li> <li>viii All modules must be with carrying hooks.</li> <li>ix The MP Rig must be able to work between 0°C to + 50°C temperature.</li> <li>x The Rig must be brand new and latest in Model.</li> </ul>	Nos.	30	
2	<p><b><u>Engine</u></b>                      Type : Gasoline                      Horse Power: 25 hp (minimum), 4 stroke, air cooled engine, Self start with light battery.,                      Gasoline tank capacity 18 to 20 liters.                      Engine standard Tool Kit</p>			




3	<p><b><u>Hydraulic Drive</u></b>  Hydraulic Pump suitable for rotation, feed drive (pull up &amp; down) with cooling and filtration system for 30 meter drilling capacity in all geological formation ref. General Description.  The hydraulic flow is controlled by directional control valves with pressure compensator for each driven unit, power swivel, feed drive.  Hydraulic tank capacity 30 to 40 liters or compatible to hydraulic system.</p>			
4	<p><b><u>Mast and Feed Device</u></b>  Metal alloy structure Mast with slide bearing rails or chain for power swivel travel through orbit motor.  Mast height suitable for 1.75 meters stroke for 1.5 meters pipes.  Pull up capacity : 1500 Kg (3190 lbs) minimum.</p>			
5	<p><b><u>Power Swivel</u></b>  Air drilling swivel gear type, driven by high torque hydraulic motor.  Clearance of flushing sleeve should be compatible to drill pipe inner diameter.  Rotational speed 150 rpm minimum.  Air lubricator for DTH Hammer.</p>			
6	<p><b><u>Base Frame</u></b>  Metal alloy Base frame with four mechanical jacks with footplates to support and align the system.</p>			
7	<p><b><u>Control Panel</u></b>  Hydraulic valve for translation and rotation  Valves for flow and pressure adjustment.  Hydraulic system pressure and temperature Gauges should be installed on visible point for monitoring temperature &amp; pressure during operation.  Emergency shutdown control for engine.  All control lever working position and other specs of component name plate must be in English language.</p>			
8	<p><b><u>Drill Pipe</u></b>  Drill pipe 2-3/8" Outer diameter (60 mm) API regular Pin Box. (20 Pieces for One Man Portable Unit.)  Length 5 feet (1.5 m).  Sub: (Drill pipe to RD 50 Pin DTH). 01 for each MP Rig  Sub : (Drill Pipe to Bit) 01 each for MP Rig.  DTH Hammer (Bulroc) BR-2 or equivalent (3pcs for one Man Portable drill).  BR-2 Button Bit 80mm dia. or equivalent (05 pcs for one Man Portable drill).  3 Wing Scratcher bit 80mm dia. (02 pcs for one Man Portable drill)  <b>Note:- In case of equivalent, the Bidder will provide equivalence Certificate from OEM that specification, shape, size and performance are same in all aspects. If equivalent DTH hammer &amp; button bit do not perform satisfactorily during testing phase of sample rig (as per Clause 14 (viii)) then bidder will be bound to provide BR-2 (BULROC) Hammer &amp; Button Bit as per ordered quantity and price.</b></p>	Nos.	600	
		Nos.	30	
		Nos.	30	
		Nos.	90	
		Nos.	150	
		Nos.	60	
9	<p><b><u>MANUALS</u></b>  Hard copy of Workshop Manuals (Instruction / Operational, Maintenance &amp; parts book) in English.</p>	Nos.	05	




10

**RUNNING SPARES**

The two years running spares i.e. engine, pump, valve, motors (Feed & Rotation), swivel, cooler and filters for hydraulic system & engine etc. must be provided with technical bid for technical evaluation, selection and increase or decrease in quantity. The cost of spares should not more than 10% of the total cost of main Equipment. The cost of spare will not be included in financial evaluation.

11

**COMMISSIONING**

Two Engineers from the manufacturer will visit Pakistan for ten days (*Five working days visit of manufacturer's Engineer during Stage of testing of one Rig, and Five working days visit of manufacturer's engineer for commissioning / start up of all the remaining 29 Rigs after delivery to OGDCL work place*) to commission the Rigs at Islamabad. Air tickets, Boarding, Lodging, transport and security of Engineers will be the responsibility of the Bidder and local agent.

12

**OEM CERTIFICATE**

Original Equipment Manufacturer certificate of complete Drill (MP Rig) and its components / assy. like engine, hydraulic pump, motors, valve & swivel etc. will be provided with Technical Bid.

13

**WARRANTY**

All the equipment will be warranted for one year and Warranty period will start after completion of commissioning. If any defect occurs in Rigs or its components during field operation in warranty period, OGDCL will claim warranty replacement of defective part / component. The Bidder will responsible to provide the replacement of defective parts / components free of cost and freight charges to OGDCL in Pakistan within minimum time period. In this regard Bidder must provide warranty replacement assurance certificate with technical bid.

14

**TERMS AND CONDITIONS**

- i Only Original Equipment Manufacturer of Man Portable Drilling Rigs can participate in Bidding process, the Bid of supply houses & middleman will not be accepted.
- ii The Man Portable Drill Manufacturer must have 15 year experience in manufacturing of Man Portable Rig. The Bidder must submit the documentary evidence i.e. Business License / Business Registration Certificate of Rig Manufacturing from concerned Government approved authority / Chamber of Commerce.
- iii Copy of valid ISO 9001 / API / EC certificate or equal international quality standard certificate must be provided with technical Bid.
- iv The bidder must provide last 08 years sale record with technical bid showing sale of at least 100 Nos. of quoted or similar drilling capacity Man Portable Rig (25 to 30 meter) sold to different multinational companies other than country of Origin. Also provide Purchase Order / Sale Invoice showing the complete name, address / email, phone number etc. of buyer company for verification.
- v Bidder will provide certificate of performance from different 03 well renowned companies other than country of Origin. The certificate must be on buyer company letter head and should indicate name and designation of signing authority along with complete phone fax and E-mail / web address for verification.
- vi Manufacturer / Bidder must provide technical literature / brochures / catalogues (Instruction / operational, maintenance & parts book) of quoted MP Rig having detail specification of each components, also provide the

<p>vii</p> <p>viii</p> <p>ix</p> <p>x</p> <p>xi</p> <p>xii</p>	<p>drawing of complete Rig showing each module separately with weight. All catalogues, brochures and certificates must be in English language with technical bid for technical evaluation.</p> <p>The Bidder must provide an undertaking for availability of spares for next five years and also an early response of fax / telephone and e-mail communication whenever required to OGDCL.</p> <p><b>In order to secure the OGDCL investment, the following procedure must be adopted.</b>          “The financially lowest bidder will deliver <b>one</b> sample complete Man Portable Rig along with drilling pipe and drilling tools etc. by Air for testing also depute two relevant engineers / professional (ref Sr. # 11) for five working days to test, commission and witness performance during testing. The Rig will drill 20 holes with one DTH Hammer &amp; one Button Bit of depth 20-30 meters, during the testing if MP Rig will not perform as per SOR the MP Rig / Bid will be rejected. Subject to satisfactory performance of delivered Man Portable drill, remaining 29 No. Rigs will be supplied C &amp; F by sea and will be commissioned (ref Sr. # 11) by manufacturer’s Engineers for five working days. Manufacturer will also certify that the remaining 29 Rigs will perform as per sample provided for testing.</p> <p>Third Party Pre-shipment Inspection (TPI) of the remaining 29 Rigs along with spares will be carried out on expense of OGDCL at manufacturer’s premises by one of OGDCL pre-qualified inspection agencies. Scope of work for TPI will be shared with the Manufacturer at suitable time. The Manufacturer will provide full support to 3<sup>rd</sup> Party Inspector during the inspection and testing process.</p> <p>Bidder will provide certificate with technical bid that his local representative will also be fully responsible for in time provision of warranty replacement of defective material as claimed by OGDCL.</p> <p>The Bidder will provide <b>01 Rig by Air</b> to OGDCL for field testing. After satisfactory testing of Man Portable Rig, the Bidder will provide the remaining <b>29 Rigs</b> within the total delivery period. Total delivery period is 90 days.</p> <p><b>The Bid including all technical literature, certificates should be in English Language, certified translation to be provided in case documents are in any other language.</b></p>			
<p>►</p>	<p><b>NOTE:- Bidder must provide original Signed &amp; Stamped compliance sheet 1 to 14 with technical bid.</b></p>			