



OIL & GAS DEVELOPMENT COMPANY LIMITED
UCH GAS FIELD, DERA BUGTI-BALOCHISTAN
Schedule of Requirement (SOR)

Tender Enquiry No. TE/UCH/PF/003/2024

“PURCHASE OF CABLE & PIPE LINE LOCATOR”

S#	Item Description	UOM	QTY	Unit Price Rs.	Total Price Rs. (without GST)
1	CABLE & PIPE LINE LOCATOR (As per following Specifications)	NO.	01		
Total Cost Rs. (without GST)					
GST Rs.					
Grand Total Cost Rs. (with GST)					

SPECIFICATIONS:

The Cable & pipeline locator shall be required to identify the pipe locations of any size buried in soil of any topology, detection of buried cable fault locations and pipe depth positions. The equipment shall comprise of two major components, Transmitter & Receiver.

RECEIVER:

- a. Input Power: Rechargeable Battery with Charger
- b. Locate / Depth Accuracy: $\pm 5\%$ / $\pm 5\%$
- c. Supported frequencies 50(60)/ 100(120)/ 512/ 1024/ 8192 / 32768 Hz
- d. Power supply 4 type C batteries/ accumulators
- e. Operation time 20 hrs
- f. Operating temperature -20... +60°C
- g. IP protection rate IP54

TRANSMITTER:

- a. Input Power: Rechargeable Battery with Charger
- b. Battery life: 10 Hrs. (600 minutes)
- c. Supported frequencies 512/ 1024/ 8192 / 32768 Hz
- d. Utility connection options Direct, Clamp, Inductive
- e. Power supply 8 type C batteries (accumulators) \ 12V vehicle accumulator \ 220V
- f. Operating time 10 hrs
- g. Operating temperature -20... +60°C
- h. IP protection rate IP54

Features:

Locator should have following features:

1. The equipment shall have state of the art built-in features for accurate pinpointing whatever the utility or pipe size large or small (metallic).
2. Cable & pipeline locator shall able to detect cable & pipes on depth up to 10 meters. Location of underground utilities at distance up to 3 Kms.
3. Display of line / cable locator should help with left right direction to pinpoint the exact path of buried pipeline / cable.
4. Line locator / cable should be excellent for locating cable of all type, ductile iron pipe, tracer wire, and other type and should be perfect for all soil conditions, wet or dry & rocky areas.
5. The equipment shall be fitted with three types of frequencies mode line, sounds frequency and Cathodic Protection System.
6. Required line / cable locator should be easy to operate and should be for rough & tough environment.
7. Line / cable locator is required to provide the digital display and is required to be wireless.
8. The equipment shall have the ability to reject unwanted signals i.e. interference caused from
9. third party / line crossings, pipe casings and interference from overhead electrical cables etc.
10. Line / cable locator should be installed with latest version of its software.
11. Warranty of supplied equipment shall be one year.
12. Bidders are required to provide the maximum and minimum range of line locator, line locator with maximum range shall be extra advantage.
13. Supplier shall facilitate to Uch Gas Field site professionals regarding operation of locator.

MODE OF OPERATION:

The equipment shall be suitable for all below operations and have following mode:-

- a. Direct Connection: Where access points to a valve, meter junction boxes etc. are available.
- b. Induction mode: Where direct connection or clamping is not possible.
- c. CPS: Using the impressed current Cathodic Protection signal.
- d. Live Cable Connection: Applying the transmitter signal to a live cable, for locating a power.

Other Term and Conditions:

- 1- Materiel must have to comply all the specification mentioned in SOR.
- 2- Material will be delivered by successful bidder at OGDCL, UCH GAS FIELD, DERA BUGTI, and BALOCHISTAN via. JACOBABD, SINDH within 90 calendar days after receipt of Purchase Order from Field Manager, Uch Gas Field. The delivery charges to be borne by the supplier/ bidder.
- 3- Bid validity: 45 Days after Bid opening date.
- 4- Latest MTC of offered item is to be provided.
- 5- Bidder shall submit compliance sheet with bid for technical specification.
- 6- Any required technical clarification/details regarding item mentioned above must be cleared before submission of bid.
- 7- During inspection at site if material found not according to technical specifications of this particular Tender inquiry SOR, then material will be rejected. Rejected material must have to be lift back by the vendor within 10 days of rejection.
- 8- The firm should have valid NTN and GST numbers, and have active status on FBR website.
- 9- The firm should have active professional tax certification of concerned Excise office where operating business.
- 10- BOE, GD or SRO to be submitted along with invoices for income tax/GST exemption if any.

- 11- The bidder should submit documentary evidence (PO's) for supplying such tools to different clients. Bidder must mention the name of manufacturer/Country of origin etc in bid.
- 12- Successful bidder after Supply and acceptance of material by OGDCL will submit the following documents and any other relevant document(s) not listed here for clearance of their payment.
 - a. Original Commercial Invoice
 - b. Sales Tax Invoice
 - c. Authority Letter for online payment (IBAN #) etc.
 - d. Supplier Sales tax registration certificate
 - e. Valid professional tax certificate of the supplier.
 - f. Annexure-C (Submitted) from FBR.