

Organization Name	Khyber Pakhtunkhwa Oil & Gas Company Limited (KPOGCL)
Subject	<p><b>Purchase of Following Geological Equipment</b></p> <p><b>1. Gravity Meter with Processing, Interpretation and Modelling Software.</b></p> <p><b>2. Resistivity Meter with Processing, Interpretation and Modelling Software.</b></p>
Address for Opening of Tender No: KPOGCL/ Tender /479/2017	<p><b>3rd floor Ali Tower, Opposite Custom House University Road Peshawar, Pakistan.</b></p> <p><b>KPOGCL Office, 2nd Floor, Meras Plaza, Upper National Bank, E-11/2, Islamabad</b></p>
City	<b>Peshawar and Islamabad</b>
Tel No.	<b>+92 91-9216283, +92 91-92166023, +92 333-5380240, +92 300-5001038, +92 333-1518390,</b>
Fax No.	<b>+92 91 – 9216295</b>
Tender No	<b>KPOGCL/Tender/479/2017</b>
Procedure	<b>Single Stage, Two Envelope.</b>
Terms & Conditions	<ol style="list-style-type: none"> <li>1. Quotations must be submitted in two separate envelopes clearly marked as technical and commercial offers. Both these envelopes must be enclosed in a brown envelope clearly marked on the top in bold as tender documents and below that tender number be written.</li> <li>2. Technical Offer must be without price and should contain all relevant essential specifications along with literatures / brochures. An affidavit on the stamp paper to be placed in the technical offer stating that a bid security amounting 2 percent without indicating the amount, has been placed in the financial offer. Otherwise the technical proposal will be considered non-responsive and will be returned to the bidder after being examined by the technical committee.</li> <li>3. Commercial Offer should indicate price of quoted Items with installation and must be confirmation to the terms and conditions of our tender inquiry. Original bank draft of 2% bid security must be attached with commercial offer.</li> <li>4. The quoted Prices are to be inclusive of all taxes levied by the Government and these should be in accordance with the current Local market prices. GST and all other taxes must be mentioned separately as per Annex-A . PLEASE ENSURE COMPLETION OF ANNEX-A</li> </ol>

PERFORMA AS PER THE GIVEN FORMAT.

5. The firm should be registered with tax Department having income tax and sales tax certificates. The firm should be on active tax payer list.
6. Quoted rates/price shall remain valid for a period of minimum 90 days.
7. Item(s) are required within minimum possible delivery period. Offer with minimum delivery period are likely to be preferred. However, the delivery period should be factual as no extension will be subsequently granted except under extreme / un-avoidable circumstances.
8. The quotations must be in original and are to reach at KPOGCL Head Office/IGH Office Islamabad by **1500 hours on 1-August-2017**. No quotation will be accepted in photocopy, through Fax or e-mail and after due date and time.
9. KPOGCL reserves the right to cancel or rejected all bids/ proposals at any time prior to its acceptance as per KPPRA Rule 47(1).
10. The tendered items shall be quoted on C&F basis Peshawar. Custom duties and insurance will be paid by KPOGCL. The agent of the vendor shall facilitate in clearance from the customs .
11. For comparison of bids PKR/\$ rate of Rs- 105/\$ will be used. KPOGCL shall not pay any damerges unless it is due to the fault of KPOGCL all other damerges shall be borne by the vendor.
12. Government taxes will be deducted at the time of payment as per Government prescribed rates.
13. Offers are liable to be rejected if: -
  - a) There is any deviation from any instruction.
  - b) Offers are found conditional or incomplete in any respect.
  - c) Multiple rates are quoted against one item or overwriting /Erasing in prices.
  - d) If the amount of the Bid Bond is less then 2% of the quoted vlave ( Quoted valve means the amount for total Quantity) the offer will be rejected.
14. Payment and acceptance of tendered items will be made after Inspection and evaluation by the Technical Evaluation Committee as per KPPRA Rule 39(1).
15. All terms and conditions by the supplier must be specified clearly.
16. Supplier must be authorized dealer of the concerned brand, must provide the standard warranty as given by the manufacturer. Warranty cards must be accompanied in the packing of the supplied brand.
17. If any fault / defect occur's in the equipment during the warranty period, it will be repaired/ replaced as per the situation, by the Supplier at his own risk and cost.
18. The quantity of items may increase or decrease depending upon circumstances.

	19. Technical specifications and basic features of tendered item are at <b>Annex B.</b>
<b>Advertisement Date</b>	13-July-2017
<b>Closing Date</b>	1-August-2017 (HQ, KPOGCL & IGH Islamabad)
<b>Closing Time</b>	15:00:hrs
<b>Opening Date</b>	1-August-2017 (HQ, KPOGCL & IGH Islamabad)
<b>Opening Time</b>	15:30:hrs
<b>Bid Security</b>	2%
<b>Document Cost</b>	Free to download from KPOGCL website.
<b>Remarks</b>	For any questions, please send email to: <a href="mailto:muhammad.ikram@kpogcl.com.pk">muhammad.ikram@kpogcl.com.pk</a>

### **TECHNICAL EVALUATION CRITERIA**

**ELIGIBILITY MARKS:** A bidder not meeting 70% pass marks limit will be rejected in Technical Evaluation, and its sealed/unopened Financial Proposal shall be returned back. All bidders scoring greater than or equal to 70% of the marks will be accepted in technical proposal, and their financial bids will be opened. 30% marks of Financial bid will be given to lowest prices quoted bidder and other's shall be rated accordingly.

The Bidders who have duly complied with the Eligibility/Qualification and Evaluation Criteria against all items will be eligible for further processing.

The Bids which do not conform to the Technical Specifications as mentioned in Annexure B or Bid conditions and the Bidders without adequate capabilities for supply and warranty will be rejected. The Eligible/Technically Qualified Bidders will be considered for further evaluation.

The Technical proposals shall be evaluated by the committee in the light of following evaluation criteria categorized as under:

### **TECHNICAL EVALUATION CRITERIA**

<b>Category</b>	<b>Description</b>	<b>Points</b>
Legal Requirements	Certificate of Company/Firm Registration/Incorporation under the laws of Pakistan	10
	Valid Income Tax Registration	10
	Valid General Sales Tax Registration (Status = Active with FBR)	10
	Submission of undertaking on legal valid and attested stamp paper that the firm is not blacklisted by any of Provincial or Federal Government Department, Agency, Organization or autonomous body or Private Sector Organization anywhere in Pakistan.	10
	Compliance to the technical specifications of hardware (all items) to be procured mentioned vide Annex-B of this document, in full compliance of the Execution Schedule and Delivery Period mentioned	60

	in tender document (Undertaking of same on legal stamp paper is must)	
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## FINANCIAL PROPOSAL EVALUATION

- 1) Single Stage – Two Envelope procedure as laid down in Khyber Pakhtunkhwa Public Procurement Rules 2014 (KPPRA) would be followed for the evaluation and final selection of the firm for the award of this Contract. The weights given to the Technical (T) and Financial (F) Proposals are:

$$T=70\%$$

$$F=30\%$$

- 2) The lowest priced Financial Proposal ( $L_p$ ) will be given a financial score ( $S_f$ ) of 100 points. The financial scores ( $S_f$ ) of the other Financial Proposals will be computed as per the formula i.e.  $S_f = 100 * L_p / E_p$ , in which  $S_f$  is the financial score,  $L_p$  is the lowest proposal and  $E_p$  the Evaluated proposal under consideration.
- 3) The Proposals will be ranked according to their combined technical ( $S_t$ ) and financial ( $S_f$ ) scores using the weights (T & F) in the formula i.e.  $S = S_t * 70\% + S_f * 30\%$ .

## ANNEX-A

A	B	C	D	E	F
Serial No	Item	Brand/ Model No	Quantity	Amount/Unit with Taxes	Total Amount with Taxes DXE=F
1					
2					
<b>Total</b>					

\*In case of WHT Exemption, provide certificate or Government SRO, as the case may be.

\*\* In case of GST Exemption/percentage differentiation, Provide Certificate or Government SRO, as the case may be.

## ANNEX-B

1. **Gravity Meter with Processing, Interpretation and Modelling****Software:** (Req: 2 Sets)

A Gravity Meter is an instrument used for measuring the local gravitational field of the Earth. The instrument is used for the measurement of the constant downward acceleration of gravity, which normally varies by about 0.5% over the surface of the Earth. As to minimize the risks of failure advanced Gravity meters are required to be used with latest software's used in the modern day industry. Gravity meters are used for petroleum and mineral prospecting, seismology, geodesy, geophysical surveys and other geophysical research.

<b>Gravity Meter "CG-5 or Equivalent SPECIFICATIONS"</b>	
Sensor Type:	Fused Quartz using electrostatic nulling
Reading Resolution:	1 microGal
Standard Field Repeatability:	<5 microGal
Operating Range:	8,000 mGal without resetting
Residual Long-Term Drift:	Less than 0.02 mGal/day (static)
Range of Automatic Tilt Compensation:	±200 arc sec
Tares:	Typically less than 5 microGals for shocks up to 20 G
Automated Corrections:	Tide, Instrument Tilt, Temperature, Noisy Sample, Seismic Noise Filter
Dimensions:	30 cm (H) x 22 cm x 21 cm
	12 in (H) x 8.5 x 8 in
Weight (including batteries:	8 kg (17.5 lbs)
Battery Capacity:	2 x 6Ah (10.8V) rechargeable Lithium-Ion Smart Batteries. Full day operation in normal survey conditions with two fully charged batteries
Power Consumption:	4.5 Watts at 25°C
Standard Operating Temperature Range:	-40°C to +45°C
Ambient Temperature Coefficient:	0.2 microGal/°C (typical)
Pressure Coefficient:	0.15 microGal/kPa (typical)

Magnetic Field Coefficient:	1 microGal/Gauss (typical)
Memory:	Flash Technology (data security)
Digital Data Output:	RS-232C and USB interface is optimized for Win XP™
Analog Data Output:	Strip-Chart Recorder
Display Screen:	¼ VGA 320 x 240 pixels
Keypad:	27 key alpha/numeric
Standard System:	CG-5 Console, Tripod base, 2 rechargeable batteries, Battery Charger 110/240V, External Power 110/240 V, RS-232 and USB Cables, Carrying Bag, Data dump and utilities software, Operating Manual (CD), Transit Case

## **2. Resistivity Meter with Processing, Interpretation and Modelling Software: (Req: 2 Sets)**

Resistivity meter is used for the measurement of Resistivity in the Earth. As every material has its own different Resistivity value so by the use of the Resistivity for the measurement of resistance the hidden material can easily be identified. They are widely used in the advance studies carried out for the exploration of natural resources lying under the surface of the Earth. The instrument can be widely applied in metal and non-metal mineral resources detection, city geophysical exploration, railway and bridge exploration, and other application. It is also applied in hydrologic geology and engineering geology such as searching for ground water, locate base of dam and flood protection levee incipient fault, can still use for geothermal prospecting.

### **WGMD Multi-electrode Resistivity Surveying System:**

The instrument can be widely applied in metal and nonmetal mineral resources detection, city geophysical exploration, railway and bridge exploration, and other application. It is also applied in hydrologic geology and engineering geology such as searching for ground water, locate base of dam and flood protection levee incipient fault, can still use for geothermal prospecting.

<b>WDJD-4 or Equivalent Resistivity/IP Meter Specifications</b>	
<b>Receiving</b>	
Voltage	$\pm 6\text{ V}, \pm 1\% \pm 1\text{ LSB}$
Measurement accuracy	if $V_p \geq 10\text{ mV}$ , $\pm 5\% \pm 1\text{ LSB}$ ; if $V_p < 10\text{ mV}$ , $\pm 1\% \pm 1\text{ LSB}$ ; if $V_p \geq 10\text{ mV}$ , $\pm 5\% \pm 1\text{ LSB}$ ; if $V_p < 10\text{ mV}$ , $\pm 1\% \pm 1\text{ LSB}$
Input impedance	$\geq 50\text{ M}\Omega$
Measurement precision of apparent polarizability	$\pm 1\% \pm 1\text{ LSB}$
SP compensation range	$\pm 10\text{ V}$
Current	$6\text{ A}, \pm 1\% \pm 1\text{ LSB}$
Measurement accuracy	if $IP \geq 10\text{ mA}$ , $\pm 5\% \pm 1\text{ LSB}$ ; if $IP < 10\text{ mA}$ , $\pm 1\% \pm 1\text{ LSB}$
Suppression	over 90Db for 50Hz industrial frequency (common mode interference or differential mode interference)
<b>Transmitting</b>	
Maximum transmitting power	$\pm 6600\text{ W}$
Maximum voltage	$\pm 1100\text{ V}$
Maximum current	$\pm 56\text{ A}$ (when voltage $\leq 900\text{ V}$ )
Pulse width	1~60s, duty cycle is 1:1
<b>Others</b>	
Working temperature	$-10^\circ\text{C} \sim +50^\circ\text{C}$ (Environmental), 95 %RH
Storage temperature	$-20^\circ\text{C} \sim +50^\circ\text{C}$ (Environmental)
Power supply	internal 12V 9Ah rechargeable battery, lasts for 30 hours (or 12V external power supply)
Overall current	$\leq 55\text{ mA}$
Weight	$\leq 4.5\text{ Kg}$
Dimension (LxWxH)	270mmx246mmx175mm
<b>WDZJ-4 Switcher</b>	
Max electrode connected	60 and 120 (for option)
Insulation impedance	$\geq 500\text{ M}\Omega$
Max working voltage	500VDC
Max working current	2.5ADC
Power supply	Internal 7.4V 4AH rechargeable lithium battery, last for continuously 25 hours work
Working temperature	$-10^\circ\text{C} \sim +50^\circ\text{C}$