

**SCHEDULE OF REQUIREMENT**

**TORs/ Specification:**

**01- Kelton Flow Calculation/ Validation Software**

- (a) Latest Version 1.8.5.0 – Released 16 May 2022, with license and online support
- (b) Calculations can be saved and results presented as PDF reports for distribution
- (c) License for 10 years or more with fully activated and complete capabilities.

**02- Process Calibrator**

- (a) Multifunction Process Calibrator which can easily source and measure almost any process parameter and test almost any process device.
- (b) Intrinsically Safe Calibrator that is a powerful, intrinsically safe, multifunction calibration solution that complies industrial standards

Class 1 Div. 1 Groups B,  
C and D  
Class 1 Zone 0 AEx/Ex ia  
IIB 171 °C  
Ta = -10 °C... +55 °C

- (c) Measure and source mA, volts, temperature (RTDs and thermocouples), frequency, ohms, and pressure, using optional pressure modules.
- (d) Traceable calibration report and data with manuals
- (e) Measurement Ranges & details:

30.000 V, 20.000V, 90.00 mV with 0.01% Accuracy

24.000 mA with 0.01%+ 2 mA Accuracy

0.0 to 4000.0 Ω with ± 0.015% Accuracy

2.0 to 1000.0 CPM 0.05% + 0.1 CPM

1.0 to 1000.0 Hz 0.05% + 0.1 Hz

1.00 to 15.00 kHz 0.05% + 0.01 kHz

Sensitivity 1 V peak-to-peak-minimum

Thermocouple J, K, T, E, R, S, B, L, U, N

RTD Ni120; Pt100 (392); Pt100 (JIS);

Pt100, 200, 500, 1000 (385)

Pressure accuracy from 0.025% of range using any pressure modules.

Modules for differential, gauge, vacuum, absolute, dual and high pressure.

- (f) Compatible pressure sensor modules 0 to 30 psi (0 to 2 bar, 830 inches of H<sub>2</sub>O)

## Terms and Conditions for Tender

1. The quotes should be sent to OGDCL Nashpa Oil & Gas Field, C/O Manager TCS Office Kohat, KPK in closed envelope addressed to Field Manager/ In-Charge (Admin).
2. The variation in Quantity will not change the unit cost of material.
3. The quotes will be opened on the date as mentioned in the tender notice; the supplier can mobilize his representative to site.
4. The successful bidder will be bounded to provide the above mentioned equipment as per specifications mentioned in the quotation.
5. Replacement/substitution will be agreed upon in case any equipment becomes faulty due to one reason or the other within one year period after receiving at site.
6. The successful bidder will be responsible to provide all the materials within 45 days after the issuing of P.O date.
7. No advance payment will be made at the time of P.O (Purchase Order).
8. The delivery and inspection of material will be carried out at Nashpa Oil Field. In case of rejection all the transportation charges will be at Supplier/Bidders end.
9. The material delivery charges to Nashpa Field will be paid by supplier/bidder.
10. Surety bond **10 % of the quoted cost** in favor of Field Manager Nashpa Oil & Gas Field at the time of bid submission by all participants.
11. The consignment will be accepted after final inspection at site, and payment will be made through Cross Cheque after inspection of material.
12. The firm should have valid NTN and GST number and have active status on FBR website.
13. The Firm should have active Professional tax certificate of concerned Excise office where operating business.
14. Tax submission Certificate (Annex-C) will be provided along with Invoice.