

28/2026/5

Installation of on Gas chromatograph in risha gas plant .

National Petroleum Company "NPC" intends to install on line gas chromatograph to analyze the produced natural gas at risha gas plant.

The system should have the following requirements:

- Analyzing the natural gas (C1, C2, C3, C4, C5, C6+, He, H₂, N₂ & CO₂).
- Ideal mechanisms for calculating the BTU content as well as other physical properties such as specific gravity, compressibility and oxygen.
- High accuracy, fast analysis and superb repeatability.
- Chromatograph Software to run on a PC.
- Recommended spare parts for two years operations.
- Operation and maintenance manuals of the system.
- Supply three kits of standard samples for calibration and re-calibration.

• **The following parameters are to be taken into consideration:**

- 1- Ambient temperature (-15C to + 50 C).
- 2- Electrical specification powers supply (220 V AC +/- 15% & 50Mz).

❖ **According to that you are kindly requested to submit an offer including the supply of required equipment, installation and start up the system as well as in-house training to NPC staff.**



A large, stylized blue ink signature, possibly belonging to a high-ranking official. The signature is fluid and somewhat abstract, with long, sweeping strokes.

A smaller, more horizontal blue ink signature, also stylized but less complex than the one on the left.