**Attachment 1 Task Order 1**

**Pre-feasibility assessment of the installation of 20 Sub surface safety valves at gas facilities in Ukraine**

*Firm Fixed Price*

**Scope of Work**

**Background:**

In the context of USAID’s support for improving the security of Ukraine’s key energy infrastructures in the face of the full-scale aggression of the Russian Federation, ESP is seeking to facilitate technical services on developing the pre-feasibility assessment of the installation of 20 Sub Surface Safety Valves (SSSV's) / secondary well protection at gas facilities in Ukraine.

**Objective:**

Contractor should undertake the pre-feasibility assessment which can support the installation of the SSSV’s at gas facilities. The identity of the facilities will be revealed to the contractor at a later date. The SSSV’s aim to ensure the well blowout safety is significantly enhanced in the case of a destruction and damage from an attack on the infrastructure. Through this activity, ESP is seeking to assess the possibility to increase security, to guarantee reliable natural gas volumes, and to increase the environmental safety of gas operations.

**Scope:**

1. First draft of Pre-feasibility assessment for discussion purposes.

2. Discussion of the first draft with the ESP team and with beneficiary representatives, as well as introduction of changes based on one round of discussions.

3. Finalized document agreed with ESP

**Deliverables:**

1. Pre-feasibility assessment of the installation of 20 SSSV's

2. Presentation for meeting with ESP and beneficiary

Period of Performance and Effort

Start date – o/a June 15, 2023, completion date August 1, 2023.

Estimated workdays: 30 workdays of effort for each consultant

Expertise required: one Gas Expert, and one Systems Expert

Location(s)/Site visits: Kyiv and gas facilities in Western or Central Ukraine.