

COST PROPOSAL**ORIGINAL**

DEP 00G – SUPPLEMENTAL QUALITY ASSURANCE

CRFP 0313 - DEP2500000002

West Virginia Department of Environmental Protection
Office of Oil and Gas

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SECTION 1:

DEP-OOG – SUPPLEMENTAL QUALITY ASSURANCE COST PROPOSAL

Parsons Environment & Infrastructure, Inc. (Parsons) is pleased to present this proposal to the West Virginia Department of Environmental Protection, Office of Oil and Gas (WVDEP-OOG) for supplemental quality assurance on orphan well sites. We've structured our proposal around the requirements contained within Request for Proposal #0313-DEP2500000002 (RFP).

1.1 Goals and Objectives

As provided in the RFP, WVDEP-OOG is seeking supplemental quality assurance services for orphan well sites. These services include quality assurance of pre-plugging site preparation, well plugging operations, and post-plugging site reclamation. **Table 1** below presents the per unit cost for the supplied 250 sites.

Table 1 – Unit and extended cost for providing supplemental quality assurance on orphan well sites.

| Supplemental Quality Assurance for Orphan Well Sites | | | | | |
|--|--|-----------------|----------------|-----------|---------------|
| Item | Description | Unit of Measure | *Estimated Qty | Unit Cost | Extended Cost |
| | Database Costs | | | | |
| 1 | 4.2 Supplemental Quality Assurance for Orphan Well Sites | EA | 250 | \$4,250 | \$1,062,500 |
| TOTAL COST | | | | | \$1,062,500 |

Parsons estimates this program will require \$4,250 per site for quality assurance oversight of pre-plugging site preparation, well plugging operations, and post-plugging site reclamation of 250 orphan well sites per year.

1.2 Assumptions and Clarifications:

1. This cost estimate is based on Parsons' proposed orphan well quality assurance oversight procedures and 2024 pricing.
2. The information in this cost estimate is based on the information provided in the RFP documents and covers supplemental quality assurance of pre-plugging site preparation, well plugging operations, and post-plugging site reclamation activities and/or conditions.
3. This cost estimate is inclusive of project setup including developing a quality assurance plan (QAP) in conjunction with WVDEP-OOG.
4. This proposal does not include project management services for WVDEP-OOG's orphan well program.
5. Supplemental quality assurance officers (SQAOs) will interface daily with Agency program staff and the Parsons leadership team via daily operations calls/updates.
6. Assumes quality assurance services for 250 well sites per year.
7. Assumes one Parsons SQA0 for every three active sites.
8. Assumes two pre-plugging site inspections per site.
9. Assumes five (5) days of plugging operations per wellsite.
10. Assumes two post-plugging site inspections per site.
11. Assumes that WVDEP-OOG will be responsible for private property access agreements and landowner correspondence.
12. Assumes that sites are directly accessible by a four-wheel drive highway-capable vehicle.
13. Assumes that WVDEP-OOG will provide a queue of sites for well plugging quality assurance oversight at project kick-off.
14. Assumes that WVDEP-OOG will organize site queue in such a way as to minimize travel time between sites.
15. Assumes Parsons SQA0 is not responsible for Safety, Health, and Environmental audits of WVDEP-OOG's plugging contractor(s).
16. This cost proposal does not account for delays related to weather and/or the WVDEP-OOG contractor's logistics, equipment, and personnel.



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