



COST PROPOSAL

ORIGINAL

MERP ADMINISTRATION

CRFP 0313 – DEP2500000004 / January 7, 2025

West Virginia Department of Environmental Protection – Office of Oil and Gas

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A handwritten signature in blue ink, appearing to read 'Tom Drachenberg', written over a white, wavy, textured background.

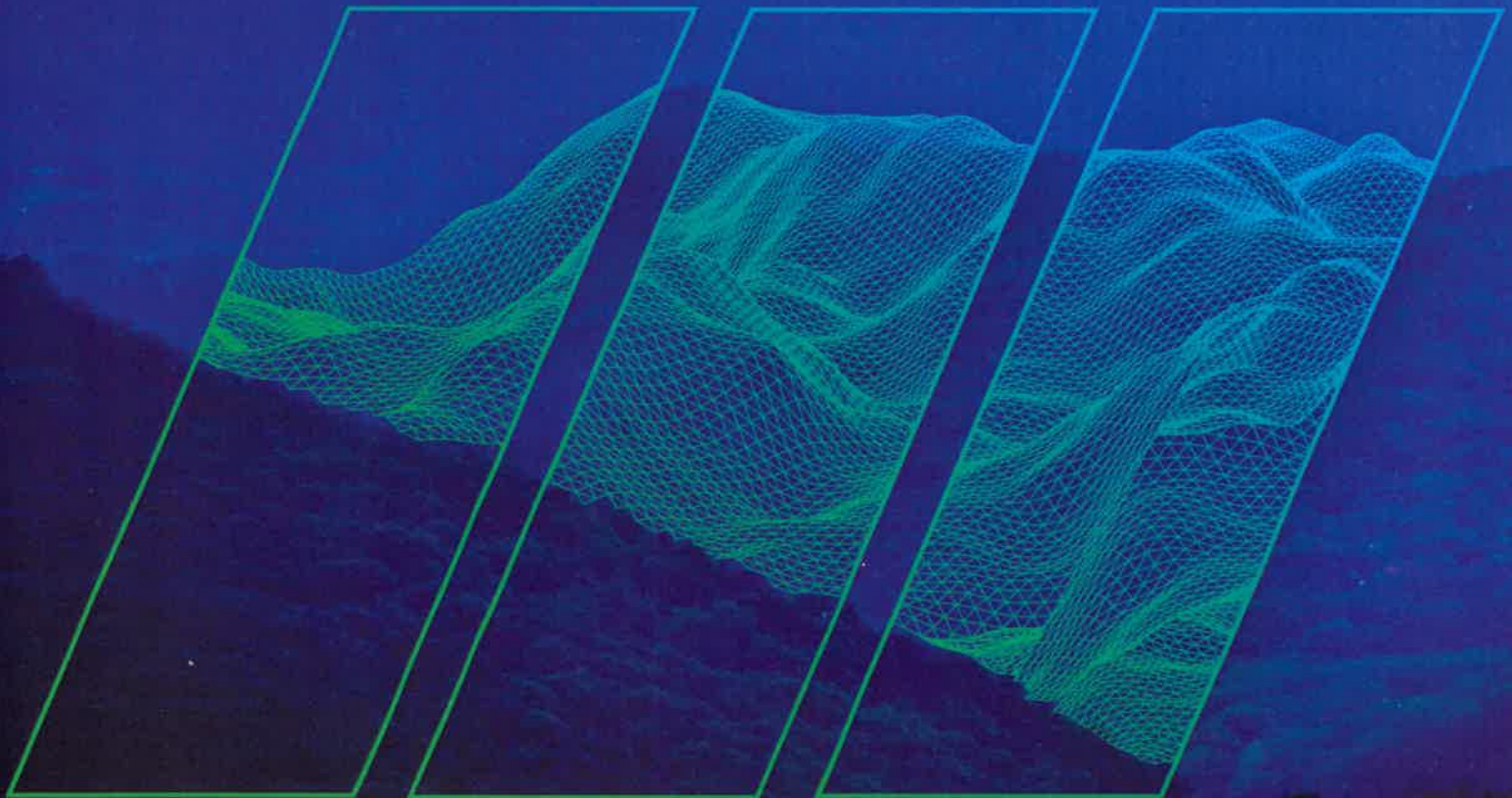


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COST PROPOSAL

Parsons Environment & Infrastructure, Inc. (Parsons) is pleased to present our cost proposal to the West Virginia Department of Environmental Protection, Office of Oil and Gas (WVDEP-OOG) for administration of their Methane Emissions Reduction Program (MERP). We've structured our response to meet the requirements included within the Request for Proposal #0313-DEP2500000004 (RFP).

1.1 Goals and Objectives

As provided in the RFP, WVDEP-OOG is seeking an administrator for the MERP. These services include:

- Well owner/operator and landowner outreach
- Creation of a well nomination portal and application
- Collection of well nomination applications
- Upload of the ranking criteria into the prioritization model
- Generating a prioritized well list based on the ranking criteria provided
- Pre- and post-plugging methane emissions quantification (MEQ)
- Informing operators of state and federal permit requirements
- Acquiring concurrence letters under Section 7 of the Endangered Species Act
- Acquiring project approval through Section 106 of the National Historic Preservation Act
- Tracking key program objectives throughout the project duration

Table 1-1, Attachment A from the RFP, presents the per unit cost for the three line items as specified in the RFP.

TABLE 1-1: ATTACHMENT A FROM THE RFP

ATTACHMENT A					
DEP OOG - MERP Administration					
Item	Description	Unit of Measure	Estimated Qty	Unit Cost	Extended Cost
1	Well Nomination, Prioritization	HR.	1000	\$150	\$150,000
2	Methane Emissions Quantification (MEQ) Testing (per well)	EA.	800	\$895	\$716,000
3	Permitting (report per well)	EA.	400	\$6,995	\$2,798,000
TOTAL COST					\$3,664,000

1.2 Assumptions and Clarifications:

1. The information in this cost estimate is based on the information provided in the RFP documents and covers the program requirements as expressed in section 4.2 of the RFP.
2. Marginal Conventional Well (MCW) counts, well status, MCW owners/operator, and landowner data reference the WVDEP 2023 Production Table and the WVTAGIS well database. These databases are assumed to be current and accurate.
3. An abandoned well, as defined by the state of West Virginia, is a well that does not have reported production for the previous 12 months.
4. This proposal includes transmittal of hard-copy mailers to inform up to 592 marginal conventional well (MCW) owners/operators.
5. This proposal includes transmittal of hard-copy mailers to inform up to 5,065 Landowners with abandoned wells on their property.
6. Assumes WVDEP will provide a database of landowner contact information reflective of the Farm Names recorded in the WVTAGIS well list.
7. All site screening and MEQ will be done in compliance with USEPA Method 21 and the US Department of Energy Guidelines in the 2024 document, "Methane Measurement Guidelines for Marginal Conventional Wells" (DOE Guidelines) including the process/workflow, equipment, and reporting requirements.
8. Assumes that WVDEP-OOG will be responsible for private property access agreements and landowner correspondence.
9. Assumes that sites are directly accessible by a four-wheel drive highway-capable vehicle.
10. This proposal assumes an average methane leak quantification rate of five sites (well and small facility) per day and does not account for weather-related delays.
11. This proposal does not include subsurface methane migration studies.
12. This proposal includes duplicate measurements and documentation of 5% of sites for Quality Assurance / Quality Control purposes in accordance with the DOE Guidelines.
13. MEQ includes: Qualified Measurement Specialist, Sampling Technician, 4X4 field vehicle, RMLD-CS, SEMTEK HI-FLOW 2, 5-gas meter, H2S badge meters, portable weather station, necessary supplies, and data collection tablet mobilized to each requested well site to perform DOE Guideline-compliant methane leak detection and leak rate quantifications of each discovered leak. Deliverables include digital site report and master site emissions result databasing.
14. Compliance review includes desktop review of proposed site access and well pad location, site surroundings (i.e. wetlands, streams, etc.), and determination of federal and state permits.
15. This proposal includes preliminary identification of local jurisdictions with regulatory authority, but does not include identification of all local permits.
16. Review for Section 7 consultation is limited to desktop review of United States Fish and Wildlife Service (USFWS) Information for Planning and Consultation (IPaC) Official Species List request, desktop screening of habitat of listed species, Land Cover Review using United States Geological Survey National Land Cover Database, and creation of calendar for allowable work.
17. Assumes Section 7 review is restricted to desktop only. No field surveys are included in this proposal.
18. Assumes drafting and submittal of a concurrence letter or letter to initiate formal consultation with USFWS including necessary figures. Does not include additional reviews or field surveys for a biological opinion.
19. Assumes literature review and records check for Section 106 reviews are limited to the Area of Potential Effect (APE) plus a 1-mile radius for potential indirect effects.
20. Assumes only a topographic map with cultural resources and surveys are required to support the documentation for a letter of no effect for Section 106 Review.
21. Assumes no field investigation or historical mapping is required for Section 106 review.
22. Assumes a Letter of no Effect for each well (400 wells).
23. Does NOT include preparation of Phase 1a or Phase 1b reviews, or additional efforts beyond described above to obtain a Letter of no Effect.
24. This proposal includes contacting the Tribal Historic Preservation Offices (THPO) with interests in West Virginia to gauge the level of interest in the program.