

Program #10018B - Multnomah County's Fossil Fuel Infrastructure Study - Phase I

6/25/2019

Department: Nondepartmental Program Contact: John Wasiutynski

Program Offer Type: Innovative/New Program Program Offer Stage: As Adopted

Related Programs:

Program Characteristics: One-Time-Only Request

Executive Summary

This program funds Phase I study of Multnomah County's Fossil Fuel Infrastructure. The work will be overseen by the Multnomah County Office of Sustainability and performed by Portland State University. The overall study is expected to analyze risks associated with fossil fuels and the value to the public of risk management alternatives. Phase I will review the scope of the issue. The cost of Phase I is anticipated at \$100,000, with half of the funds provided by another jurisdiction.

Program Summary

Fossil fuel infrastructure poses both benefits and risks to the residents of Multnomah County. The benefits of the infrastructure notably include the delivery of liquid and gaseous fuels needed to power homes, buildings, and transportation. The risks, however, are manyfold and poorly understood. This study, at a high level, seeks to understand those risks in more detail and to also describe mechanisms by which the public can be insulated from the cost of those risks. Risks associated with fossil fuel infrastructure include, but are not limited to, environmental and human health risks from accidents, infrastructure abandonment, and catastrophic failure due to a seismic event. Risks also include the damage to air quality and the climate system due to the combustion of these fuels. The study funded by this request will examine typology and magnitude of public financial risks associated with fossil fuel infrastructure, typology of financial assurance mechanisms available for internalizing these risks, gap analysis of financial assurance mechanisms, recommendations for additional financial assurance mechanisms, including order of magnitude estimates for range of required bonding, trust funds, etc., and analysis of climate change costs, including the cost of adaptation, and the annualised cost estimate of fossil fuel throughput per ton of embodied CO2. The report will inform planning and potential future legislative action by the Board of County Commissioners.

Performance Measures								
Measure Type	Primary Measure	FY18 Actual	FY19 Purchased	FY19 Estimate	FY20 Offer			
Output	Completed IGA with PSU for completion of the study.	n/a	n/a	n/a	1			
Outcome	Study informs future legislative decisions by the board of county commissioners.	n/a	n/a	n/a	yes/no			
Output	Completed final report.	n/a	n/a	n/a	1			

Performance Measures Descriptions

This is a novel one time only out of target request, the performance metrics are intended to delineate measures of success for this project.

Revenue/Expense Detail

	Proposed General Fund	Proposed Other Funds	Proposed General Fund	Proposed Other Funds
Program Expenses	2019	2019	2020	2020
Contractual Services	\$0	\$0	\$50,000	\$0
Total GF/non-GF	\$0	\$0	\$50,000	\$0
Program Total: \$0		\$50,000		
Program FTE	0.00	0.00	0.00	0.00

Program Revenues					
Total Revenue	\$0	\$0	\$0	\$0	

Explanation of Revenues

Significant Program Changes

Last Year this program was:

This is a new out of target program offer funded with one-time-only General Funds.