

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

7/6/202

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 program is funded in partnership with the City of Portland. The work will be overseen by the Multnomah County Office of Sustainability and performed by Eco Northwest. 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 study, which is currently underway, is expected to be complete in the first quarter of FY 2022.

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 many-fold 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.

In an effort to narrow in the scope of analysis the project team has selected the single largest concentration of fossil fuel infrastructure as the unit of analysis, the so called Critical Energy Infrastructure Hub The hub is a 12 mile stretch of land along the Willamette River and Hwy 30 that houses 12 separate fossil fuel storage facilities. The area epitomizes risk to the community from fossil fuel infrastructure because of the scale and susceptibility to damage from a seismic event. The study funded by this request is examining in detail the seismic vulnerability of the hub, the damage that would occur due to a Cascadia Subduction Zone event, the economic impacts, and legal avenues to recoup costs from such an event. The scope of work also includes community involvement to help inform the analysis.

Performance Measures								
Measure Type	Primary Measure	FY20 Actual	FY21 Budgeted	FY21 Estimate	FY22 Offer			
Output	Completed final report.	N/A	1	0.5	1			
Outcome	Study is used to inform legislative decisions by the City and County.	N/A	100%	0%	100%			

Performance Measures Descriptions

Legal / Contractual Obligation

The city has established an IGA with the City of Portland to fund half of the study. Those funds have been transferred to the County, and would be carried over into FY 2022. The County also has a contract with Eco Northwest to carry out the study, which is set to expire in December 2021. All work from the contract and IGA is expected to be complete by the end of Q1 FY 2022.

Revenue/Expense Detail

	Adopted General Fund	Adopted Other Funds	Adopted General Fund	Adopted Other Funds
Program Expenses	2021	2021	2022	2022
Contractual Services	\$40,000	\$50,000	\$0	\$50,000
Total GF/non-GF	\$40,000	\$50,000	\$0	\$50,000
Program Total:	\$90,000		\$50,000	
Program FTE	0.00	0.00	0.00	0.00

Program Revenues								
Intergovernmental	\$0	\$50,000	\$0	\$50,000				
Beginning Working Capital	\$40,000	\$0	\$0	\$0				
Total Revenue	\$40,000	\$50,000	\$0	\$50,000				

Explanation of Revenues

City of Portland - \$50,000

Significant Program Changes

Last Year this program was: FY 2021: 10018B Multnomah County's Fossil Fuel Infrastructure Study - Phase I

Due to the time it took to establish the IGA with the City of Portland, and solicit a vendor, execute the vendor contract, and begin work, all of which were slowed by the impacts of COVID-19, the study will not be complete until the end of Q1 FY 2022. This program offer reappropriates the funding for an additional year to complete the study.