



Legislation Details (With Text)

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File created: 3/14/2012 **In control:** Public Utilities Committee

On agenda: 4/16/2012 **Final action:** 4/19/2012

Title: To authorize and direct the Director of Public Utilities to enter into an agreement with the Ohio Environmental Council for the Pilot Project - Diesel Particulate Filter on Wheel Loader; to authorize the expenditure of \$2,000.00 from the Sewerage System Operating Fund to meet the match requirements of the agreement; and to declare an emergency. (\$2,000.00)

Sponsors:

Indexes:

Code sections:

Attachments: 1. ORD 0651-2012 Diesel Particulate Filter Scope of Service-draft signed by OEC.pdf, 2. ORD 0651-2012 Diesel Particulate Filter.pdf

Date	Ver.	Action By	Action	Result
4/19/2012	1	CITY CLERK	Attest	
4/18/2012	1	MAYOR	Signed	
4/16/2012	1	COUNCIL PRESIDENT	Signed	
4/16/2012	1	Columbus City Council	Approved	Pass

The purpose of this legislation is to authorize the Director of Public Utilities to enter into an agreement with the Ohio Environmental Council (OEC) for a pilot project. The total amount of the project cost is \$32,000.00. OEC will provide funding in the amount of \$30,000.00, the City's required match amount is \$2,000.00.

Diesel exhaust contains more than 40 known toxins including benzene and formaldehyde. It also contains particulate matter 2.5 (one-thirtieth the width of human hair). Diesel pollution has been linked various health concerns. The lifetime diesel soot health risk in Franklin County is 223 times greater than US EPA's acceptable level of one in a million.

The Ohio Environmental Council (OEC) plans to contract with the City of Columbus for its participation in a pilot project regarding the purchase and installation of a Diesel Particulate Filter (DPF) on a city-owned 1999 Volvo model wheel loader that operates at the Division of Sewerage and Drainage, Southwesterly Compost Facility. Diesel particulate filters reduce harmful pollution by at least 85%. It is anticipated that the HUSS Technologies MK 400 (dual filters) will reduce 99% of the soot from the 1999 wheel loader.

OEC will contract with HUSS Group. HUSS will install the system with assistance from the City with tooling and equipment. During the installation timeframe, HUSS will provide on-site training for preventive maintenance and troubleshooting to City maintenance personnel. This will allow the City to facilitate minimum downtime. HUSS will support the City with warranty parts and provide the ability to purchase maintenance parts as needed.

It is planned that purchase and installation of the DPF will occur before the end of April 2012. The City agrees to keep the DPF on the wheel loader for the life of the vehicle. If the vehicle is in an accident and scrapped, and if the City of Columbus determines that, if the DPF is undamaged and it is practicable, it will remove the DPF and install it on another vehicle.

The City of Columbus agrees to reimburse the OEC for \$2,000 of the total purchase price of \$32,000. If the City of Columbus prematurely removes the DPF from the wheel loader and does not install it in another vehicle (if the City determines that the DPF is in good working order), the City of Columbus will reimburse the OEC the remaining \$30,000 of the purchase price, subject to authorization of such costs by ordinance of Columbus City Council and the certification by the City Auditor of the availability of funds for such purpose.

SUPPLIER: Ohio Environmental Council (31-0805578) Expires 3/19/2014

FISCAL IMPACT: \$2,000.00 is needed and available within the Sewerage System Operating Fund for the City's portion of this pilot project. The Ohio Environmental Council will provide funding in the amount of \$30,000.00 to cover the balance of the total purchase price of \$32,000.00.

EMERGENCY: The Division of Sewerage and Drainage is requesting City Council to deem this legislation an emergency measure to allow the Director to enter into the agreement and pay the City's portion as soon as possible to allow for the purchase and installation of the DPF to occur before the end of April 2012.

To authorize and direct the Director of Public Utilities to enter into an agreement with the Ohio Environmental Council for the Pilot Project - Diesel Particulate Filter on Wheel Loader; to authorize the expenditure of \$2,000.00 from the Sewerage System Operating Fund to meet the match requirements of the agreement; and to declare an emergency. (\$2,000.00)

WHEREAS, the Ohio Environmental Council (OEC) plans to contract with the City of Columbus for its participation in a pilot project regarding the purchase and installation of a Diesel Particulate Filter (DPF) on a city-owned 1999 Volvo model wheel loader that operates at the Division of Sewerage and Drainage, Southwesterly Compost Facility; and

WHEREAS, Diesel Particulate Filters reduce harmful pollution by at least 85%. It is anticipated that the HUSS Technologies MK 400 (dual filters) will reduce 99% of the soot from the 1999 wheel loader; and

WHEREAS, OEC will contract with HUSS Group for the purchase, installation and training on the MK400 filters. HUSS will install the system with assistance from the City with tooling and equipment. During the installation timeframe, HUSS will provide on-site training for preventive maintenance and troubleshooting to City maintenance personnel. This will allow the City to facilitate minimum downtime. HUSS will support the City with warranty parts and provide the ability to purchase maintenance parts as needed; and

WHEREAS, the City agrees to keep the DPF on the wheel loader for the life of the vehicle. If the vehicle is in an accident and scrapped, and if the City of Columbus determines that, if the DPF is undamaged and it is practicable, it will remove the DPF and install it on another vehicle; and

WHEREAS, the City of Columbus agrees to reimburse the OEC for \$2,000 of the total purchase price of \$32,000. If the City of Columbus prematurely removes the DPF from the wheel loader and does not install it in another vehicle (if the City determines that the DPF is in good working order), the City of Columbus will reimburse the OEC the remaining \$30,000 of the purchase price, subject to authorization of such costs by ordinance of Columbus City Council and the certification by the City Auditor of the availability of funds for such purpose; and

WHEREAS, an emergency exists in the usual daily operation of the Department of Public Utilities in that it is immediately necessary to authorize the Director of Public Utilities to enter into the agreement and pay the City's portion as soon as possible to allow for the purchase and installation of the DPF to occur before the end of April 2012; for the immediate preservation of the public health, peace, property and safety; now, therefore

BE IT ORDAINED BY THE COUNCIL OF THE CITY OF COLUMBUS:

SECTION 1. That the Director of Public Utilities, be and is hereby authorized to enter into an agreement with the Ohio Environmental Council for its participation in a pilot project regarding the purchase and installation of a Diesel Particulate Filter (DPF) on a city-owned 1999 Volvo model wheel loader that operates at the Division of Sewerage and Drainage, Southwesterly Compost Facility.

SECTION 2. That the expenditure of \$2,000.00 or so much thereof as may be necessary, be and is hereby authorized from the Sewerage System Operating Fund No. 650,

OCA: 605899

Object Level 1: 03

Object Level 3: 3372

SECTION 3. That for the reasons stated in the preamble hereto, which is hereby made a part hereof, this Ordinance is hereby declared to be an emergency measure and shall take effect and be in force from and after its passage and approval by the Mayor, or ten days after passage if the Mayor neither approves nor vetoes the same.