

ENERGY AND ENVIRONMENT COMMITTEE REPORT relative to proposed contract with Miron Electric Construction Corporation (Miron Electric) for the provision of specialized high voltage services to modify, modernize, and perform preventative and predictive maintenance of the high voltage electric infrastructure at the City's wastewater treatment plants.

Recommendation for Council action:

AUTHORIZE the Board of Public Works (Board) to execute the proposed contract with Miron Electric for the provision of preventative and predictive maintenance of specialized high voltage services at the City's wastewater treatment plants, water reclamation plants, and sewage pumping plants.

Fiscal Impact Statement: The City Administrative Officer (CAO) reports that there is no General Fund impact. Sufficient funds within the Sewer Construction and Maintenance Fund are available to support the first year costs of the proposed contract. Future funding will be provided through the City's annual budget process and be subject to Mayor and Council approval. The recommendation above complies with the City's Financial Policies as ongoing revenue will support ongoing expenditures.

Community Impact Statement: None submitted.

TIME LIMIT FILE - NOVEMBER 2, 2013

(LAST DAY FOR COUNCIL ACTION - NOVEMBER 1, 2013)

On October 16, 2013, your Committee considered an August 16, 2013 CAO report relative to proposed contract with Miron Electric Construction Corporation (Miron Electric) for the provision of specialized high voltage services to modify, modernize, and perform preventative and predictive maintenance of the high voltage electric infrastructure at the City's wastewater treatment plants. According to the CAO, the Board, on behalf of the Bureau of Sanitation (BOS), is requesting authority to execute a contract with Miron Electric for the provision of specialized high voltage services to modify, modernize, and perform preventive and predictive maintenance of the high voltage electrical distribution infrastructure at the City's wastewater treatment plants, water reclamation plants, and sewage pumping plants. The proposed term of the contract is for three years with three one-year renewal options for a total term of six years. The cost ceiling is \$6,000,000.

The BOS's wastewater treatment, water reclamation, and sewage pumping plants contain an electrical distribution system that consists of a vast array of high voltage electrical equipment. Electrical distribution systems are vital to all plant operations. The majority of the electrical systems in place were installed over 20 years ago. In order to maintain the safety and effectiveness of the electrical infrastructure, both preventive and predictive maintenance is performed. Preventive maintenance is performed to prevent electrical failure, such as cleaning, lubrication and calibration of equipment. Predictive maintenance consists of diagnostic testing to anticipate potential electrical failure, such as vibration reading, infrared thermography and oil analysis, BOS employees perform a portion of preventive maintenance, while predictive and some preventive maintenance is contracted out due to the highly specialized, technical and intermittent nature of the work.

After consideration and having provided an opportunity for public comment, the Committee moved to recommend approval of the recommendation as contained in the CAO report and detailed in the

above recommendation. This matter is now submitted to Council for its consideration.

Respectfully Submitted,

ENERGY AND ENVIRONMENT COMMITTEE

<u>MEMBER</u>	<u>VOTE</u>
FUENTES:	YES
BLUMENFIELD:	YES
LABONGE:	ABSENT
HUIZAR:	ABSENT
KORETZ:	YES

-NOT OFFICIAL UNTIL COUNCIL ACTS-