

COMMUNICATION FROM CHAIR AND MEMBER, ENERGY AND ENVIRONMENT COMMITTEE relative to proposed contract with the Hach Company (Hach) for the installation, calibration, and maintenance of flow gauging meters and the collection, storage, and delivery of flow data for the Bureau of Sanitation's (BOS) wastewater collection systems.

Recommendation for Council action:

AUTHORIZE the Board of Public Works (Board), on behalf of the the BOS, to execute the contract with Hach for the installation, calibration, and maintenance of flow gauging meters and the collection, storage, and delivery of flow data for the BOS's wastewater collection systems.

Fiscal Impact Statement: The City Administrative Officer (CAO) reports that there is no General Fund impact. Sufficient funds are available within the Sewer Operations and Maintenance Fund No. 760 to support the first year costs of the proposed contract (\$500,000 for 2014-15 and \$800,000 for the 2015-16 Proposed Budget). Funding for the remaining years of the contract will be provided through the City's annual budget process and will be subject to both the availability of funds and Mayor and Council approval. The contract contains a Financial Liability Clause (Article 10.4.3) which limits the City's financial obligation under the contract to the amount appropriated in the City's budget. As such, the recommendations in this report comply with the City's Financial Policies as ongoing revenues will support ongoing expenditures.

Community Impact Statement: None submitted.

TIME LIMIT FILE - APRIL 19, 2015

(LAST DAY FOR COUNCIL ACTION - APRIL 17, 2015)

Summary:

On March 4, 2015, the Chair and one member of the Energy and Environment Committee considered a February 18, 2015 CAO report relative to a proposed contract with Hach for the installation, calibration, and maintenance of flow gauging meters and the collection, storage, and delivery of flow data for the BOS's wastewater collection systems. According to the CAO, in accordance with Executive Directive No. 3, the Board, on behalf of the BOS, is requesting authority to execute a personal services Contract with Hach for the installation, calibration, and maintenance of flow gauging monitors and the collection, storage, and delivery of flow data for the Bureau's wastewater collection systems for a five year period with one renewal option for an additional five years and a second renewal option for an additional six months on a month-to-month basis (for a total potential term of 10.5 years) at a total cost of \$13,000,000 (or \$1,300,000 per year).

In accordance with Los Angeles Administrative Code Section 10.5 (a), Council approval is required to execute the proposed contract as the term of the contract exceeds three years. The City's wastewater conveyance system transports 350 million gallons per day (MGD) of wastewater through 6,700 miles of sewer pipes to the City's four treatment and water reclamation plants. The BOS requires an effective and accurate flow gauging system to monitor the depth, volume, velocity, and flow of wastewater in the system. This information is required for the following purposes:

- a. Identify areas in the sewer network that are at capacity and implement measures to prevent sewer overflows or spills.
- b. Accurately bill the 29 contract agencies that discharge into the City's wastewater conveyance system.
- c. Assess the capacity of the wastewater collection system during wet and dry weather seasons and plan for future capacity needs of the system.
- d. Validate the needs of the Wastewater Capital Improvement Expenditure Program (CIEP) and allow the BOS to defer, downgrade, or upgrade projects if necessary.
- e. Develop and calibrate hydrodynamic models to predict the flow and course of wastewater through the system, which will lead to the design of more efficient and effective sewers.
- f. During rainfall events, determine the locations where groundwater is infiltrating into the system due to root intrusion or structural issues and repair or replace those structures.
- g. Identify bottlenecks in the system.

This information is critical to the successful planning and operations of the system and will reduce the number of sewer spills and overflows. In addition, flow gauging data is required to prepare sewer capacity reports and plans and to develop a hydrodynamic model of the City's primary wastewater collection system, which were both requirements under the Collection System Settlement Agreement (CSSA). Although the terms of the CSSA expired in 2014, the BOS continues to maintain the programs and practices that were implemented as a result of the CSSA. The BOS reports that over the last few years, the flow gauge information has allowed the BOS to defer, eliminate, upgrade or downgrade capital projects, which has resulted in \$545 million of savings.

After further consideration and having provided an opportunity for public comment, the Committee Chair moved to recommend approval of the proposed contract with Hach. This matter is now submitted to Council for its consideration.

Respectfully Submitted,

COUNCILMEMBER FELIPE FUENTES, CHAIR



ENERGY AND ENVIRONMENT COMMITTEE

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

ARL
3/4/15

-NOT OFFICIAL UNTIL COUNCIL ACTS-