

ORDINANCE/RESOLUTION REQUEST

Please email requests to Jason Gallardo, Public Works

At pw.ordinance@denvergov.org by **12:00pm NOON on Monday**. Contact Jason with questions.

Date of Request: 04/07/2020

Please mark one: Bill Request or Resolution Request

1. Type of Request:

- Contract/Grant Agreement Intergovernmental Agreement (IGA) Rezoning/Text Amendment
- Dedication/Vacation Appropriation/Supplemental DRMC Change
- Other:

2. Title: (Start with *approves, amends, dedicates*, etc., include name of company or contractor and indicate the type of request: grant acceptance, contract execution, contract amendment, municipal code change, supplemental request, etc.)

Approves a professional engineering services contract (202053972) with Black & Veatch Corporation for the Sanitary Sewer Master Plan. (Black and Veatch Corporation, 11401 Lamar Ave, Overland Park, KS 66211)

3. Requesting Agency: Transportation and Infrastructure

4. Contact Person:

Contact person with knowledge of proposed ordinance/resolution	Contact person to present item at Mayor-Council and Council
Name: Jennifer Williams	Name: Jason Gallardo
Email: Jennifer.williams@denvergov.org	Email: jason.gallardo@denvergov.org

5. General description or background of proposed request. Attach executive summary if more space needed:

The City and County of Denver seeks a qualified engineering consulting firm to create and implement a flow monitoring plan and build a calibrated hydraulic model for both wet and dry conditions. The project includes development of a modern Sanitary Sewer Master Plan and evaluation of existing conditions and planned future growth to recommend and prioritize improvements for the upcoming capital improvements plan.

The sanitary sewer master plan is not required by charter to be redone every few years, unlike the storm drainage master plan where its specifically written that it must be completed every 5 years.

However, the sanitary sewer master plan will analyze over 1500 miles of sewer pipes buried beneath city streets and provide a critical tool that will be used to make data driven decisions for operating efficiencies and system improvements necessary to maintain a standard level of service across the city. This data drives the 6-Year Capital Improvement Program for the Sanitary Projects in the Wastewater Enterprise Fund. The current plan (2009) is outdated as it does not accurately reflect Denver’s population growth and uses older industry standards for sewage flow rates. The update will leverage the new Denverite data to understand the existing system and plan for future growth and development.

6. City Attorney assigned to this request (if applicable): Brad Neiman

To be completed by Mayor’s Legislative Team:

Resolution/Bill Number: _____

Date Entered: _____

7. **City Council District:** Citywide

8. ****For all contracts, fill out and submit accompanying Key Contract Terms worksheet****

To be completed by Mayor's Legislative Team:

Resolution/Bill Number: _____

Date Entered: _____

Key Contract Terms

Type of Contract: Professional Services - Engineering

Vendor/Contractor Name: Black and Veatch Corporation

Contract Control Number: 202053972

Location: Citywide

Is this a new contract? Yes No **Is this an Amendment?** Yes No **If yes, how many?** N/A

Contract Term/Duration (for amended contracts, include existing term dates and amended dates): Execution + three years

Contract Amount (indicate existing amount, amended amount and new contract total):

<i>Current Contract Amount</i> (A)	<i>Additional Funds</i> (B)	<i>Total Contract Amount</i> (A+B)
\$777,611.00		\$777,611.00

<i>Current Contract Term</i>	<i>Added Time</i>	<i>New Ending Date</i>
Execution + 3 years		Execution + 3 years

Scope of Work:

The City and County of Denver seeks a qualified engineering consulting firm to create and implement a flow monitoring plan and build a calibrated hydraulic model for both wet and dry conditions. The project includes development of a modern Sanitary Sewer Master Plan and evaluation of existing conditions and planned future growth to create a data-driven method to recommend and prioritize improvements for the upcoming 2021-2026 Capital Improvements Program.

The intent is to create a digital document that:

1. Utilizes the most up-to-date land use (i.e. Denver Right – Blueprint Denver), flow monitoring, and dynamic modeling practices;
2. Provides guidance on a wet weather sensitivity analysis to determine the level of service to which future projects should be designed; and
3. Clearly identifies proposed projects based upon this level of service criteria.

The sanitary sewer master plan will analyze over 1500 miles of sewer pipes buried beneath city streets and provide a critical tool that will be used to make data driven decisions for operating efficiencies and system improvements necessary to maintain a standard level of service across the city. The current plan is outdated as it does not accurately reflect Denver’s population growth and uses older industry standards for sewage flow rates.

Was this contractor selected by competitive process? Yes

Has this contractor provided these services to the City before? Yes No

Source of funds: 72400/5061000/81100000/PG703, PZ726/PRJ-10000891

ELEVATE DENVER BOND:

Is this contract subject to: W/MBE DBE SBE XO101 ACDBE N/A

WBE/MBE/DBE commitments (construction, design, Airport concession contracts): M/WBE 13%

Who are the subcontractors to this contract? West Coast Civil (13%)

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