

# MEMO

To: Honorable Mayor and Members of City Council  
From: Maria D'Andrea, Director of Public Works  
Subject: Recommendation to Approve a Professional Services Contract with Core Consultants, Inc. related to Environmental and Design Services for the Tower Road at Pena Boulevard Roadway Improvements Project, Project No. 2014-04-PW  
Date: May 16, 2016

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Resolution No. 2016-03 awards the contract to the selected engineering consultant and authorizes the City Manager to execute a professional services contract on behalf of the City.

#### Project Description

The proposed project will construct a new westbound on-ramp at the interchange of Tower Road with Pena Boulevard and widen Tower Road from approximately 80<sup>th</sup> Avenue to the eastbound ramps of Pena Boulevard. Based on preliminary design work, the westbound off-ramp and the intersection of the westbound ramps will be relocated further south than the current intersection resulting in a “tight diamond” configuration. Therefore, the existing westbound off-ramp will need to be constructed in a new configuration, and the existing traffic signal for the westbound ramps will be replaced as a part of this project.

The project area is within the Pena Boulevard Transportation Corridor and is under the ownership of the City and County of Denver (Denver), through the Denver International Airport (DIA), with oversight by the Federal Aviation Administration (FAA). Any environmental efforts, design and construction will require review and approval by DIA, DPW, and FAA within the Pena Transportation Corridor/Airport Property.

The environmental and design work consists of environmental analysis and document preparation to achieve NEPA clearance for the anticipated construction as well as preliminary and final design services for a new westbound on ramp at the interchange of Tower Road with Pena Boulevard, reconfiguration of the existing westbound off-ramp, a new traffic signal at the relocated intersection of the westbound ramps with Tower Road,



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as well as the widening of Tower Road from approximately 80<sup>th</sup> Avenue to the eastbound ramps of the interchange.

A Technical Advisory Committee (TAC) will be developed by the City to assist in the delivery of this project. Membership on the TAC will be comprised of staff from Commerce City, DPW, DIA, FAA and E-470. It is anticipated that the TAC will meet on a monthly basis during the duration of the project.

### Background and Overall Schedule

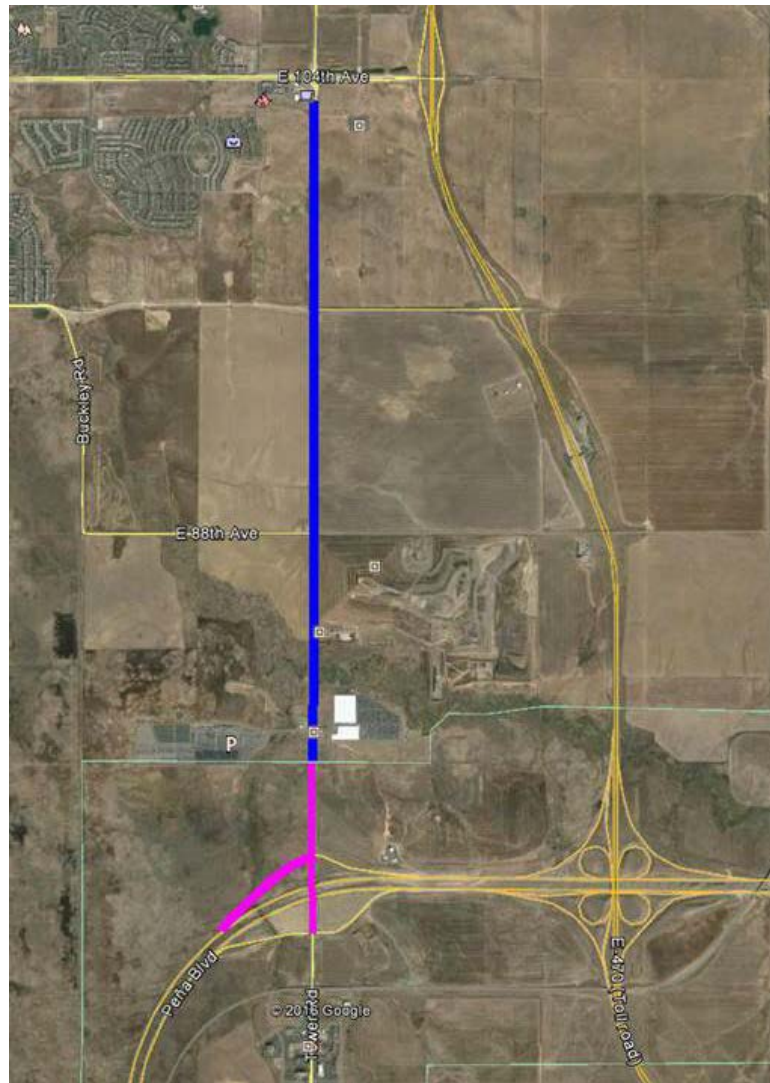
The original plan was to have one contractor build the Commerce City Tower Road Widening project, the Denver Tower Road widening effort through the Pena Boulevard interchange, and the new on ramp all as one project. However, since the Denver portion of Tower Road and the new on ramp require federal environmental evaluation and clearance, the City had to break them into two projects. One being the Commerce City Tower Road Widening project, which is proceeding to construction now, (shown in blue on the map below). The contractor, Flatiron Constructors, would start in May 2016 and be completed in December 2017.

The Denver portion of Tower Road widening and the new on-ramp from Tower Road to Pena Boulevard (shown in pink on the map below) has been packaged as a separate project. The long lead time is the required environmental (National Environmental Policy Act (NEPA) clearance. Assuming that this element of the project will take about 9 months to complete, the City's goal would be to finish environmental clearance and design in early 2017 so that construction can begin in the Spring of 2017. We anticipate that the on-ramp and widening will take about 6 months to build. So, the goal is to complete both projects (pink and blue) so that they both open to traffic at the end of 2017.



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Bidding & Selection Process

- A request for proposals (RFP) was posted on the City's website and on the Rocky Mountain E-Purchasing System on April 4, 2016.
- Two (2) proposals were received on April 22, 2016.
- One City staff member and two engineering consultants reviewed the proposals and scored them using a quantitative scoring worksheet.



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The selection committee met and discussed the merits of each team and came to consensus that Core Consultants, Inc. would best deliver this project for the City.

The selection committee consisted of:

- Maria D'Andrea, Director of Public Works
- Danielle Yearsley, CH2M
- Frank Schultz, Atkins North America

### Environmental and Design Services

Core Consultants will be assisted by professionals from JVIation, a firm experienced in producing environmental documents for airport-related projects and FHU, who performed the initial Pena Boulevard Traffic Study for DIA.

### Financial Impact:

The project budget includes funds for environmental services and engineering design. The overall project budget is \$8,690,400, as detailed below:

|                                     |                    |
|-------------------------------------|--------------------|
| Pena Blvd. Ramp                     | \$3,626,200        |
| <u>Tower Road Widening (Denver)</u> | <u>\$5,064,200</u> |
| Total                               | \$8,690,400        |

The environmental and design services are as follows:

|                            |                 |
|----------------------------|-----------------|
| Core Consultants Contract: | \$786,000       |
| <u>Design Contingency:</u> | <u>\$50,000</u> |
| Total:                     | \$836,000       |

Staff is developing an Intergovernmental Agreement (IGA) with Denver to recoup the costs of the Tower Road widening portion of the project in Denver.

### Staff Recommendation:

Staff recommends approval of Resolution No. 2016-03.

