



METRO
Green Line
EXTENSION

Business Item 2023-75

**METRO Green Line Extension
Construction Cost Estimating Services
Contract 22P336**

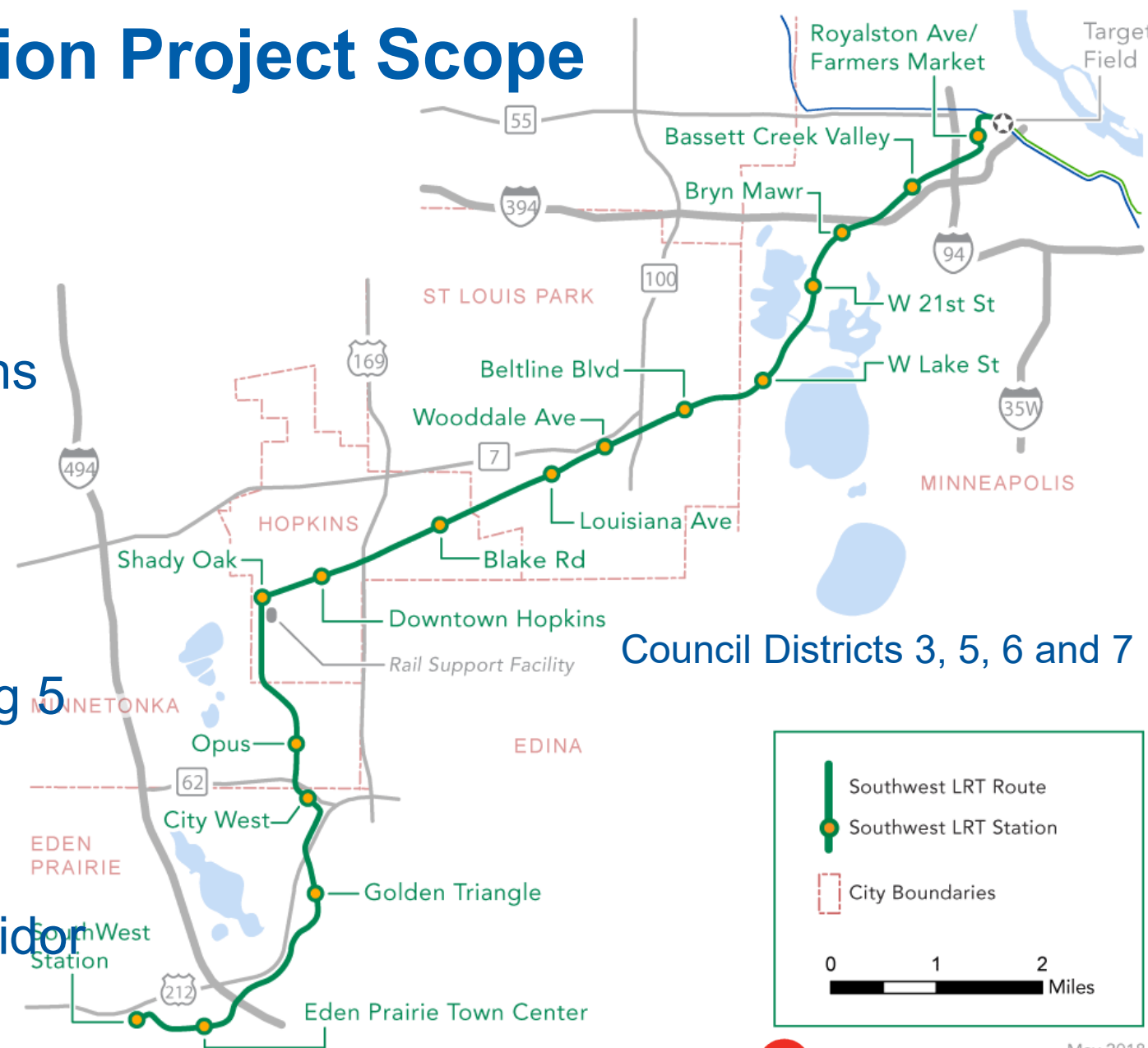
Transportation Committee

Monday, April 10, 2023



METRO Green Line Extension Project Scope

- 16 new LRT stations
- 44 significant structures:
 - 29 new bridges: LRT, pedestrian, roadway, freight
 - 7 existing bridges with modifications
 - 6 pedestrian tunnels
 - 2 cut and cover LRT tunnels:
 - Highway 62: 582 feet
 - Kenilworth: 2,236 feet
- 15 at-grade LRT crossings; including 5 shared crossings with freight rail
- 121 retaining walls
- LRT track: 14.5 miles
- 7.8 mi shared LRT & freight rail corridor
- Freight rail reconstruction
- Trail reconstruction



Background

The Construction Cost Estimating Consultant will provide cost estimating services for construction change orders on the Project.

- A cost estimate is developed independent of the Contractor's estimate and used to support change order negotiations.
- Currently, the Advanced Design Consultant (ADC), the engineer-of-record (EOR) on the Project, performs cost estimating services.
- As part of the Council's procurement process and Federal Transit Administration guidelines, staff review competitively procured contracts that may need to be extended to determine if the entire contract or parts of it can be competitively procured.
- After such a review, the Council determined that ADC's cost estimating portion for the Project should be competitively procured.
- This approach is consistent with MnDOT's peer review recommendation
- The ADC will continue to serve as the EOR on the Project.

Consultants and Project Partners on the Project Team

- **Advanced Design Consultant**

- AECOM is the lead and includes approximately 20 sub-consultants with expertise in tunnel, bridge, station, track and systems design, engineering, noise/vibration analysis
- Engineer of Record, prepares project design plans, construction specifications, design support during construction

- **Construction Management Support Consultant**

- Kimley Horn is the lead, providing support in overseeing scope, schedule, budget, quality, safety of the civil contract

- **Quality Management Services Consultant**

- Braun Intertech is the lead performing Quality Assurance (construction materials testing and inspection) on the civil construction

- **Venable's Construction Law Group:** Represents Council in construction matters

- **Trauner:** A national expert consultant in construction claims avoidance, construction schedule and cost analysis

- **Wipfli:** A national expert consultant in construction cost analysis

- **SOCOTEC:** A national expert consultant in forensic and structural engineering

- **MnDOT and Hennepin County:** Imbedded in the Project team overseeing construction, providing right of way acquisition and environmental clearance support

Construction Cost Estimating Services Contract - Procurement Process

- Construction Cost Estimating Services was competitively procured
 - A Request for Proposals (RFP) was issued on November 15, 2022
 - A Pre-Proposal meeting was held on November 29, 2022
 - Two proposals were received on January 11, 2023
 - Technical proposals were reviewed by an Evaluation Panel consisting of Council staff and technical representatives from Hennepin County and MnDOT
 - The Evaluation Panel ranked HNTB's technical proposal as the most advantageous.
 - The Negotiation Panel reviewed HNTB's cost proposal and successfully negotiated a fair and reasonable price for the scope of work.

Proposed Action

That the Metropolitan Council authorize the Regional Administrator to negotiate and execute contract 22P336 with HNTB to provide construction cost estimating services for the METRO Green Line Extension Project in an amount not to exceed \$12,708,234.98

MORE INFORMATION

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