

## Department of Public Works – Engineering Division

### MEMO

**TO:** Utilities Committee

**FROM:** Paula Vandehey, Director of Public Works  
Pete Neuberger, Staff Engineer

**DATE:** March 9, 2021

**RE:** Award of 2021D Stormwater Consulting Services Single Source Contract for Lightning Drive Stream Crossings and Stormwater Practices Final Design to raSmith in an amount not to exceed \$107,000.

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The Department of Public Works is requesting approval of the 2021D Stormwater Consulting Services Single Source Contract for Lightning Drive Culverts and Stormwater Practices Final Design to raSmith in an amount not to exceed \$107,000 (budget \$107,250).

#### PROJECT HISTORY

The area generally bound by Ballard Road to the west, Broadway drive to the north, French Road to the east, and Edgewood Drive to the south has experienced significant development pressure in recent years. This pressure is expected to continue into the next several years until the area is built out. An essential component necessary for continued development is the extension of Lightning Drive from 600 feet north of Edgewood Drive (CTH JJ) to Broadway Drive, to serve as a transportation and utility corridor.

In the fall of 2018, DPW staff continued the planning of Lightning Drive by soliciting proposals to qualified firms to perform a drainage study with 30% engineering design. At the December 11, 2018 Utilities Committee, DPW Staff recommended that contract award to raSmith. The award memo identified DPW staff's intent to continue working with raSmith through Lightning Drive final design without an RFP process, should staff determine that raSmith met expectations during the drainage study and subsequent contracts.

raSmith completed the study contract in November 2019, while meeting DPW staff's expectations to develop cost-effective stormwater management solutions for Lightning Drive. The raSmith study identified two proposed stream crossings and five proposed stormwater ponds, with corresponding conveyance, for stormwater management.

At the March 24, 2020 Utilities Committee meeting, the Committee approved DPW's recommendation to award the single-source Lightning Drive 60% Preliminary Engineering Design Contract to raSmith. raSmith is nearing completion of this task and will soon be ready to develop the final designs.

## **PROJECT SCHEDULE**

The proposed development schedule of the Lightning Drive corridor is as follows:

- 2021: Complete preliminary (60%) engineering design of two stream crossings, five stormwater ponds, and corresponding stormwater conveyances, and apply for DNR and USACE permits
- 2021: Begin final engineering design of two stream crossings, five stormwater ponds, and corresponding stormwater conveyances; obtain DNR and USACE permits.
- 2022: Land acquisition for roadway and ponds, and complete final design.
- 2023: Construction of Lightning Drive, bridges, and stormwater ponds.

## **CONTRACT SCOPE**

As proposed, the consultant will:

- Perform final modeling of stormwater conveyance, flood control and water quality for the streets and culverts to meet City, State, and Federal requirements, including FEMA floodplain.
- Coordinate design work with City staff and adjacent developers.
- Update and finalize a Stormwater Management Plan documenting proposed practices to meet City, State, and Federal Stormwater Management requirements.
- Provide final bid documents in the form of plans and specifications for construction of two Lightning Drive stream crossings and five stormwater ponds.
- Prepare permit applications to State and Federal Regulators, including a FEMA Letter of Map Revision (LOMR) request.
- Assist City staff answering bidder/contractor questions during bidding and construction.

## **REASON FOR REQUEST**

raSmith was selected for the original drainage study based on a competitive RFP process in 2018 and has performed well on the study and preliminary engineering phases for this project. Their ongoing work on this project makes raSmith well-positioned to provide continued cost-effective services moving forward using a negotiated, single-source contract scope; furthermore, raSmith proposes using the same staff for the proposed contract. Therefore, DPW is requesting permission to contract with raSmith for these final design services using a negotiated contract scope.