


## COUNCIL COMMUNICATION

|   |               |   |            |                     |
|---|---------------|---|------------|---------------------|
|  | Number:       | <b>21-222</b>                               | Meeting:   | <b>May 24, 2021</b> |
|   | Agenda Item:  | <b>8</b>                                    | Roll Call: | <b>21-0759</b>      |
|   | Submitted by: | <b>Steven L. Naber, P.E., City Engineer</b> |            |                     |

### AGENDA HEADING:

Approving exception to Request for Proposal (RFP) process for good cause and approving Professional Services Agreement (PSA) with Felsburg Holt & Ullevig, Inc. (FHU) for Ingersoll Run Outlet – Phase 2 street design, not to exceed \$401,400.

### SYNOPSIS:

Recommend approval of exception to the Engineering Department's RFP process for good cause and approval of the PSA with FHU (309 Court Avenue, Suite 301, Des Moines, IA 50309) for a total cost not to exceed \$401,400, based on hourly rates, to complete engineering design services for Ingersoll Run Outlet – Phase 2 street improvement design including the design and preparation of construction documents for 18th Street from Ingersoll Avenue to Fleur Drive/Locust Street, Grand Avenue from 19th Street to 15th Street, Locust Street from 18th Street/Fleur Drive to 15th Street, 17th Street from Ingersoll Avenue to Locust Street, and 15th Street from Grand Avenue to Martin Luther King Jr Parkway, all in coordination with the Des Moines Metropolitan Wastewater Reclamation Authority's (WRA) Ingersoll Run Outlet sewer project.

### FISCAL IMPACT:

Amount: \$401,400

Funding Source: 2021-2022 CIP, Page 134, ST283, 18th Street and 19th Street Realignment.

### ADDITIONAL INFORMATION:

- In 2003, City of Des Moines developed a Long Term Control Plan as part of the National Pollutant Discharge Elimination System (NPDES) Permit required for the operation of the Des Moines Metropolitan Wastewater Reclamation Facility that included a phased approach for capital improvements for the Long Term Control Plan, which will eliminate the number of Combined Sewer Overflows (CSOs) from 20, as of 2000, down to only one (1) located at the Wastewater Treatment Facility by end of 2023.
- In 2010, the City, Des Moines, the WRA, and the State entered into a Consent Decree which established a time schedule for the completion of major elements of the Long-Term Control Plan.

- As part of the Long-Term Control Plan, the WRA plans to construct a large storm sewer (Ingersoll Run Outlet) as part of the Ingersoll Run Sewer Project – Phase 2 through the area of 18th Street between Locust Street and Ingersoll Avenue.



- Connect Downtown, the City’s transportation plan for downtown, identified several improvements in the area 18th Street between Locust Street and Ingersoll Avenue, including one-way to two-way conversions, pedestrian and bicycle improvements, and street realignment.
- The existing traffic signals at 18th Street and Grand Avenue, Fleur Drive and Grand Avenue, and Fleur Drive and Locust Street are antiquated and need replacement.
- In preparation for the large sewer construction and to develop a plan to improve the area of 18th Street between Locust Street and Ingersoll Avenue, the City and its consultant, FHU, completed a traffic study for the area and developed conceptual plan for improvements that proposes:
  - Converting the following streets from one-way to two-way traffic:
    - Grand Avenue between 18th Street and 15th Street.
    - Locust Street between 18th Street and 15th Street.
    - 17th Street between Grand Avenue and Locust Street.
    - 18th Street between Ingersoll Avenue and Grand Avenue.
    - 19th Street between Ingersoll Avenue and Grand Avenue.
  - Removing 18th Street between Grand Avenue and Locust Street, eliminating the odd intersections, and adding a linear park that provides north-south bicycle and pedestrian connectivity and removes the roadway barrier between the school then the park/green space to the east of the school.
  - Improving pick-up and drop-off activities at Downtown Elementary School.
  - Converting Grand Avenue between 19th Street and the bridge over Martin Luther King Jr. Parkway from a 4-lane cross section to a 3-lane cross section, allowing for dedicated curb space for bus loading at Central Campus.

- Rehabilitating the 19th Street pavement due to its poor condition and improving sidewalks along 19th Street between Ingersoll Avenue and Grand Avenue.
  - Rebuilding the traffic signal at the intersection of 18th Street and Grand Avenue.
  - Adding a traffic signal at the intersection of Ingersoll Avenue and 19th Street to accommodate two-way traffic and improve the pedestrian crossing.
  - Modifying the traffic signals at the intersections of 17th Street and Grand Avenue and 17th Street and Locust Street to accommodate the one-way to two-way traffic conversions.
  - Reducing the number of travel lanes across the Fleur Drive Bridge over Raccoon River to provide one (1) travel lane in each direction (improvements to be completed with future bridge project), allowing for improved pedestrian and bicycle facilities.
- A public meeting was held via Zoom on December 15, 2020 to present the recommended concept plan and obtain public input on the plan.



Exhibit Above: Recommended Concept Plan for area of 18th Street, Grand Avenue, and Locust Street.

\*Note: After the above exhibit was created and the public meeting was held on December 15, 2020, the City determined to extend the one-way to two-way conversion of Grand Avenue and Locust Street

- Under this PSA, FHU will provide professional services required to design and prepare construction documents to implement the improvements recommended as part of the 18th Street Study, except for the improvements to the Fleur Driver Bridge over the Raccoon River.
- This work will be incorporated, in coordination with the WRA, into the WRA Ingersoll Run Outlet – Phase 2 Project construction documents. The design limits for the street improvements included as part of this PSA are generally bound by 19th Street to the west, Ingersoll Avenue to the north, 15th Street on the east, and Martin Luther King Jr Parkway to the south. Specifically, roadway construction design for the following streets will be included in the project:

- 18th Street from Ingersoll Avenue to Fleur Drive/Locust Street
  - Grand Avenue from 19th Street to 15th Street
  - Locust Street from 18th Street/Fleur Drive to 15th Street
  - 17th Street from Ingersoll Avenue to Locust Street
  - 15th Street from Grand Avenue to Martin Luther King Jr Parkway
- The City Engineer recommends that good cause exists to exempt the procurement of these professional services from the Engineering Department's RFP process, including advertisement, for project design and schedule efficiencies. FHU is qualified to perform the professional services and was selected to complete the Ingersoll Run Outlet – Phase 2 street design based on:
    - FHU's completion of the 18th Street Study which included the traffic analysis and concept design for the project area.
    - FHU's familiarity with the City.
    - FHU's experience with similar street design projects.
  - City staff has negotiated a PSA with FHU for a total cost not to exceed \$401,400, based on hourly rates, to provide professional services for the Ingersoll Run Outlet – Phase 2 street design.
  - City staff will be negotiating an Agreement with the WRA in the coming months to determine a cost sharing arrangement for street improvements that are being bid within all phases of the WRA Ingersoll Run Outlet project and will be presented to the City Council at a future Council meeting for consideration.

**PREVIOUS COUNCIL ACTION(S):**

Date: September 9, 2019

Roll Call Number: [19-1369](#)

Action: [Approving](#) Professional Services Agreement with Felsburg, Holt & Ullevig Inc. for 18th Street Improvements from Ingersoll Avenue to Locust Street, not to exceed \$75,510. ([Council Communication No. 19-386](#)) Moved by Boesen to adopt. Motion Carried 7-0.

**BOARD/COMMISSION ACTION(S):**

Board: Transportation Safety Committee

Date: January 12, 2021

Resolution Number: N/A

Action: Motion was made by Scott Bents to approve staff recommendations, seconded by Robin Witt. Motion passed 8-0.

**ANTICIPATED ACTIONS AND FUTURE COMMITMENTS:**

Agreement with the WRA for coordination and cost-sharing the street improvements to be completed as part of the WRA Ingersoll Run Outlet project.

For more information on this and other agenda items, please call the City Clerk's Office at 515-283-4209 or visit the Clerk's Office on the first floor of City Hall, 400 Robert D Ray Drive. Council agendas are available to the public at the City Clerk's Office on Thursday afternoon preceding Monday's Council meeting. Citizens can also request to receive meeting notices and agendas by email by calling the Clerk's Office or sending their request via email to [cityclerk@dmgov.org](mailto:cityclerk@dmgov.org).