

Department of Public Works – Engineering Division

MEMO

TO: Utilities Committee

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

DATE: October 1, 2019

RE: Amend 2019J stormwater consulting services contract for Phase 1 Final Design and Construction documents and 2019 Construction Related Services (CRS) for Spartan Drive with Brown and Caldwell (BC) in an amount not to exceed \$36,540.

The Department of Public Works is requesting approval to amend the 2019J stormwater consulting services contract for Phase 1 Final Design and Construction Documents and 2019 Construction Related Services (CRS) for Spartan Drive with Brown and Caldwell (BC) in an amount not to exceed \$36,540. If the amendment is approved, the total contract amount will be \$183,280.

Construction on the Spartan Drive area started in early September, with Unit Z-19 Sewer and Water Construction on Spartan Drive, Sommers Drive, and Haymeadow Avenue. City staff designed this bid package and are performing construction inspection. The second bid package for work in this area is Unit AA-19 Bear Creek Culvert and Spartan/Sommers Retaining Wall. The contractor is working through all the necessary submittals and securing materials in anticipation of a December 2, 2019 start of construction.

Several things have resulted in changes to the consulting work anticipated at the time of the December 2018 permit application and February 2019 scope development for this project.

- The unusually wet conditions the last two years created additional concerns for the stream and wetland soils where the box culvert and retaining wall are to be constructed, resulting in the need for expanded plans and specifications.
- Permits from the Department of Natural Resources and Army Corps of Engineers were received approximately two months later than anticipated.
- Property acquisition did not start until staff was sure state and federal permits would be received, thereby resulting in the need to obtain Town of Grand Chute and Outagamie County permits. BC assisted with obtaining these permits out of the approved scope of services to keep the project moving forward.

- There is a significant amount of construction work across the state, resulting in fewer available contractors during the anticipated construction schedule. Timelines for 2019 work have been extended to encourage more bidders to participate.
- Wet weather has also resulted in the need to extend construction timelines.
- The extended 2019 timelines have resulted in the need for additional coordination from the sewer and water project to the box culvert/retaining wall project and then to the 2020 street grading and road construction project, with the goal of completing this phase by November 1, 2020.

Additions to the original scope include:

- Additional structural drawings for the AA-19 bid set to clarify information for contractors
- Additional administration time for BC due to extended construction timelines
- Hours for BC to review up to 9 Contractor submittal packages, including the precast box culvert and railing design
- Hours for BC and their geotechnical consultant to attend the preconstruction meeting
- Hours for BC to answer up to 6 Requests for Information from the City and/or Contractor during construction, if needed
- Hours for BC to assist with up to three (3) change orders, if needed
- Computer modeling for earthwork calculations to account for changes between the bid packages and determine pay quantities

This will be a time and materials contract and only completed tasks will be invoiced.