

# Department of Public Works

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Asst. Comm. of Public Works / Operations

John C. Rooney, P.E.  
Asst. Comm. of Public Works / Engineering

February 2, 2012

Legistar Item: 12-7335

To: Sandy Weidner, Chairman  
Public Works and Services Committee

From: John Rooney   
Assistant Commissioner of Public Works/Engineering

Re: Root River Streambank Erosion Assessment Update, AECOM Technical Services,  
Consultants

Submitted for your review is a Professional Services agreement with AECOM Technical Services for the Root River Streambank Erosion Assessment Update. The City conducted a streambank and outfall assessment that was completed in 2004. Since that time, the City's streambank restoration program has been based on the findings of that report, including the successful stabilization of several stream segments. Several major storm events have occurred since the previous study was completed and the City wishes to assess the current state of the Root River to re-prioritize stream segments for future projects.

The City pursued and was awarded an Urban Nonpoint Source and Storm Water Planning Grant from the Wisconsin Department of Natural Resources (WDNR) to conduct this streambank assessment update of the Root River. The grant will fund preliminary data research, fieldwork and preparation, collaboration between the City, WDNR, and other agencies and stakeholders, data analysis and map production, and the preparation of draft and final reports. The project goal is to identify, characterize, and map current erosion along with 50-plus stormwater outfalls and hydromodifications along the streambanks. A final report will be prepared that includes maps of the outfall and streambank assessment results, discussion of potential bioengineered solutions and future best management practices recommendations, associated permitting requirements, costs and potential funding sources.

The proposal is in the not-to-exceed amount of \$100,000.00 and funding is available in:

Account No. 104.992.5460 – Root River Assessment (\$100,000)

Funding to offset this project is from a WDNR grant:

Account No. 104.992.6816 – State Grant-DNR-Root River (\$70,000)

If the Committee agrees, they should approve the proposal and authorize the Mayor and City Clerk to enter into the agreement.

Cc: Joy Hansche  
File