

## Department of Public Works

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Asst. Comm. of Public Works / Engineering

February 2, 2012

Legistar Item: 12-7334

To: Sandy Weidner, Chairman  
Public Works and Services Committee

From: John Rooney *JR*  
Assistant Commissioner of Public Works/Engineering

Re: WinSLAMM Agreement, AECOM, Consultant

Submitted for your review is a Professional Services agreement with AECOM Technical Services for Source Load and Management Modeling. In a recent storm water quality assessment of compliance analysis, the finding indicated that the City of Racine met the required 20% total suspended solids (TSS) reduction required by its NR 216 WPDES Storm Water Discharge Permit (Section 2.6 Storm Water Quality Management) and NR 151. While the City is aware that recent legislation has removed the 40% TSS reduction requirement at this time, the City also recognizes that proactive and strategic water quality improvement will continue to be important. Based on this, the City requested and received a grant from the Wisconsin Department of Natural Resources (WDNR) Urban Nonpoint Source and Storm Water grant program to conduct a city-wide storm water quality management update plan to identify potential future BMPs that provide cost effective water quality improvement.

In this project, AECOM will work with the City to develop and evaluate alternatives to reduce nonpoint pollution. Working collaboratively with City staff and officials, AECOM will recommend an approach to implementing future stormwater management best management practices (BMPs). Alternatives to be explored will include potential collaboration with Mount Pleasant (or other neighboring municipalities) where appropriate as a regional solution to water quality storm water management as accomplished recently with another joint storm water facility. The results of the plan will be communicated with the public as part of the City's ongoing I&E program and in the City's Annual Report to the WDNR.

The proposal is in the not-to-exceed amount of \$45,000.00 and funding is available in:

Account No. 104.992.5450 – SLAMM Model (\$45,000)

Funding to offset this project is from a WDNR grant:

Account No. 104.992.6814 – State Grant-DNR-SLAMM (\$31,500)

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