

## Office of the City Engineer

**John C. Rooney, P.E.**

Assistant Commissioner of Public Works/  
City Engineer



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March 19, 2014

Legistar Item: 14-9938

To: Alderman Sandy Weidner, Chairman  
Public Works and Services Committee

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

Re: Pershing Drive/Sam Myers/Parking Lot Project – Contract 22-14 (K4-022) – Professional Services – AECOM Technical Services, Inc., Consultant

We are submitting a consulting agreement with AECOM, for the design and construction of three storm water management, parking lot and roadway improvements in the vicinity of Pershing and Samuel Myers Parks, located adjacent to each other on the east side, along the Lake Michigan shoreline. A portion of the project cost is being funded through grants that are focused on storm water quality improvements. The first improvement involves repaving and drainage modifications to Lakefront Lot No. 5, located on the north side of Pershing Park. The parking lot is in poor condition and will be repaved and the drainage pattern modified to promote infiltration, which will reduce storm water runoff volume and improve quality. Lakefront Lot No. 5 and the adjacent Library parking lot will then drain to a bio-swale to be built to the east of the lots.

The second improvement will connect the bio-swale from Lakefront Lot No. 5 and the Library parking lot to a bio-swale on the west side of Pershing Drive which will run along the entire length of Pershing Drive, from 6<sup>th</sup> Street in the north to 11<sup>th</sup> Street to the south. Pershing Drive currently drains from east to west, without a crown in the middle of the road. This road will be repaved to correct the current degraded pavement condition. The new road will continue to drain east to west. The bio-swale will capture and treat the storm water runoff from Pershing Drive and other impervious areas where feasible (such as the Gateway Technical College parking lot) prior to discharge into Lake Michigan.

The third improvement will occur in Samuel Myers Park. The existing gravel driveway and parking lot will be reshaped using additional gravel to retain the current permeability and redirect the runoff to a series of bio-retention areas that will be constructed to capture and treat, to the maximum extent practicable, runoff from 11<sup>th</sup> Street and the surrounding upstream area prior to draining into Lake Michigan at Samuel Myers Park. This improvement will occur as part of larger redevelopment/restoration plans intended to improve water quality, restore native habitat and enhance accessibility to the public at Samuel Myers Park.

The agreement is in the not-to-exceed amount of \$81,090.00. Funding is available in the below accounts:

<u>Account No.</u>	<u>Description</u>	<u>Amount</u>
994.700.5060	Pershing Park Dr. Repaving	\$17,400.00
106.991.5750	Surface Lot Repaving	\$16,100.00
104.994.5460	Pershing/Myers USEPA	\$34,500.00
756.020.5590	Fund for Lake Michigan Grant	<u>\$13,090.00</u>
	TOTAL	\$81,090.00

If the Committee agrees, the appropriate action would be to approve the agreement and authorize the Mayor and City Clerk to enter into the agreement.

JCR:njp

Cc: Joy Hansche  
Tom Molbeck  
Tom Friedel  
Al Stanek  
Julie Kinzelman  
File