

**TOWNSHIP  
OF  
LOWER MERION**  
**MONTGOMERY COUNTY**



TOWNSHIP ENGINEER

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LOWM 093914

**MEMORANDUM**

**TO:** Eric Traub, Chief Financial Officer

**FROM:** Edward P. Pluciennik, PE, LEED AP, Township Engineer  
Laura Eberly, PE, Senior Engineer

  


**DATE:** January 8, 2020

**SUBJECT:** Wynnewood Valley Park Stream Restoration and Bank Stabilization  
Harriton Park Stream Restoration and Bank Stabilization  
Bid Review / Award Recommendation  
LMT Contract No. 4652-19-31 / 4652-19-32 / 4652-19-33

As requested, we have reviewed the bids for the above referenced two projects and are herewith providing our recommendation for award.

By way of background, the Township, under its Municipal Separate Storm Sewer System (MS4) Permit from the Pennsylvania Department of Environmental Protection (PaDEP), has established a Pollution Reduction Plan (PRP), which includes the above referenced two projects. The projects are similar in nature and scope of work, but are in separate locations, so they were bid as separate, individual projects. However, because of the similarities of work, skills required, equipment needed, and to take advantage of possible savings if they were awarded to one contractor, the option to submit a combined bid was included in the bid solicitation.

Flyway Excavating, Inc submitted the low bid for each of the individual projects and the low bid for the combined project, which is less than the sum of the individual projects. Therefore, we identify the following combined bid as the low bid for consideration:

**Combined Bid: Wynnewood Valley Park & Harriton Park (4652-19-33)**

Base Bid	\$ 782,888.50
Add Alternate A-H1: River Rock in lieu of Rip Rap - Harriton Park	\$ 3,000.00
Add Alternate A-W1: River Rock in lieu of Rip Rap - Wynnewood Valley Park	\$ 9,000.00
Add Alternate A-W2: Energy Dissipator - Wynnewood Valley Park	\$ 10,000.00
Subtotal (Base Bid + Add Alternates)	\$ 804,888.50
Contingencies	\$ 10,560.00
Total Bid Amount (Base Bid + Add Alternates + Contingencies)	\$ 815,448.50

Regarding the Add Alternates, rock rip rap has been specified for various stream improvement features (e.g. storm pipe outfall energy dissipators, riffles, etc). Add Alternate A-H1 and A-W1 are to upgrade the rip rap used in these features to river rock. The less angular shape of this material will enhance the appearance in the park setting. Add Alternate A-W2 is to modify the existing storm sewer system by joining the three separate outfalls in close proximity and providing a single outfall with an improved and less erosive condition, thus reducing maintenance.

We find the total price bid of \$815,448.50 to be reasonable for the items of work required. The bid is \$54,551.50, or 6%, less than the initial concept level construction estimate of \$870,000. Please note the \$10,560 of contingencies will only be used, if and when directed by the Township.

Prior to bidding and with the benefit of the completed construction documents, we revisited the construction cost estimate. Based on recent cost information, and over concerns with the level of difficulty due to existing site constraints, the limited access to each work area from the street, and the requirement to maintain park patron traffic through the park, including adjacent to and through some of the work areas, and reports of a shortage of qualified bidders, we recognized the potential for a higher low bid. Fortunately, we received the low bid from a very experienced contractor, Flyway Excavating, Inc, who has been awarded and successfully completed four similar projects in the past for the Township.

Therefore, we recommend that the contract be award to Flyway Excavating, Inc, contingent upon the remainder of the contract requirements being in order. Funds are available through the Capital Projects Fund #4652 – Stormwater Facilities Management Project.

We trust that this memorandum adequately addresses this matter. As always, please feel free to contact us if you have any questions or if you wish to discuss any of the above

cc: Ernie B. McNeely, Township Manager  
Paul McElhaney, Director of Public Works  
Donna Heller, Director of Parks & Recreation  
Andrea Thompson, Assistant Director of Public Works  
Dave DeAngelis, Supervisor of Parks & Recreation  
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