



Director's Justification Memo

DATE: 2/18/22

TO: Lucas Martsof, Assistant Township Manager

FROM: Michael Malak

RE: Proposal for Southwest Region - 2022 Stormwater Study

Munis Project Number: CP037 *3400-6440-5111*

Munis Account(s): Stormwater Authority



Check this box if the purchase is part of a capital project.

Project Title:

Southwest Region - 2022 Stormwater Study

Purchase / Project Description:

Provide a detail description of the proposed requisition. (650 character limit)

Engineering design services for a stormwater study within the Southwest Region of Township to address residents concerns of increase flooding on thier properties. Southwest Region of Township consist of over 660 acres, and during the significant rain events in 2021 the Township experience flooding of roadways in this area. Township recieved over 20 residents calling with concerns of flooding on thier properties. Residents attended public meeting voicing thier concerns.

Purchase / Project Justification:

Describe why is this requisition is needed. What alternatives were considered? (650 character limit)

Engineering study is necessary to view the overall flow patterns of the storm events which are impacting the residents. Improved information and modeling software is available to better study the runoff occuring in this regioon of the Township. This study will include upding and converting the model to a newer software along with recommendations if existing facilities can be modified or repaired to reduce flows. The study will also review if a new facility could be constructed within this region to control flows that will reduce adverse downstream impacts.



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Purchase Cost Details:

Provide a summary of the estimated costs. (650 character limit.)

This purchase request is for engineering services to study the watershed within the Southwest Region of the Township and update this section of the stormwater model using current topographic data that is representative of current conditions. The lump sum cost from PVE, LLC is \$39,900.00

Staff Recommendation:

Describe the basis of your recommendation. (500 character limit.)

Request for proposals were recieved by PVE and HRG. Based on our review, it is engineering recommendation to select PVE.

Image:

(Attach image if, applicable.)