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**City of Pompano Beach
ENGINEERING**

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MEMORANDUM NO. 20-37

DATE: June 1, 2020

TO: City Commission

VIA: Tammy Good, CIP Manager

FROM: Anthony Alhashemi, Project Manager I

SUBJECT: Work Authorization 4-Craig A.Smith-NW 16 LN Stormwater Improvements.

Background:

Based on the City's Stormwater Master Plan (2013), NW 16th Lane is identified as a priority drainage basin in need of stormwater system improvements based on the historical flooding problems observed by City staff, the flooding complaints received from tenants and the results from the existing conditions stormwater model.

Recommendation:

Staff is seeking City Commission approval to execute Work Authorization No. 4, to provide Civil engineering services from Craig A. Smith & Associates, Inc. for the mentioned project.

Craig A. Smith & Associates, Inc. scope of services, include professional engineering and surveying services for proposed drainage improvements in the industrial NW 16th Lane area referenced in the City's 2013 Stormwater Master Plan. The consultant will evaluate options for providing drainage improvements, identify flood prone areas, and address water quality treatment solutions within the project limits. The proposed alternatives will examine the feasibility of exfiltration trench, pumping systems, improved pipe conveyance and swale improvements. Services include the preparation of construction plans and specifications including surveying, utility locates services, utility test holes, geotechnical engineering services, engineering design, and permitting, for a sum of \$161,136.00.