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**City of Pompano Beach
ENGINEERING**

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MEMORANDUM NO. 24-17

DATE: February 1, 2024

TO: City Commission

FROM: Christopher R. Schlageter, Project Manager I

SUBJECT: Work Authorization 20388-01 - Baxter & Woodman, Inc.- Stormwater Improvements at NW 33 Street

Background:

This project area is bounded by Powerline Road on the west, NW 33rd Court on the north, NW 18th Terrace on the east and NW 19th Terrace on the south. The area primarily consists of commercial office and warehouse businesses. Based on the City's Stormwater Master Plan (2013), the area mentioned was identified as a priority drainage basin that requires stormwater system improvements. This was based on the historical flooding problems observed by City staff, the flooding complaints received from residents, and the results from the existing conditions stormwater model.

Recommendation:

Staff is seeking City Commission approval to execute a Work Authorization No. 20388-01, to provide Civil engineering services from Baxter & Woodman, Inc. for the mentioned project.

Baxter & Woodman, Inc. scope of services, include professional engineering and surveying services for proposed drainage improvements in the mentioned 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, 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 \$212,703.00.