

**TOWN OF GOLDEN BEACH, FLORIDA**

**RESOLUTION NO. 2861.23**

**A RESOLUTION OF THE TOWN COUNCIL OF THE TOWN OF GOLDEN BEACH, FLORIDA, APPROVING AND AUTHORIZING WORK BY CRAIG A. SMITH & ASSOCIATES, INC. FOR ENGINEERING SERVICES RELATING TO STORMWATER IMPROVEMENTS FOR THE RETROFIT OF THE TWEDDLE PARK STORMWATER PUMP STATION; AUTHORIZING THE MAYOR TO EXECUTE THE AGREEMENT; PROVIDING FOR IMPLEMENTATION; AND PROVIDING FOR AN EFFECTIVE DATE.**

**WHEREAS**, as part of a comprehensive Town-wide stormwater improvement plan, the Town wishes to retrofit the Tweddle Park Stormwater Pump Station; and

**WHEREAS**, as part of the process, the Town wishes to direct the Town Engineer Craig A. Smith & Associates, Inc. to design and engineer the proposed retrofit for the pump station; and

**NOW, THEREFORE, BE IT RESOLVED BY THE TOWN COUNCIL OF THE TOWN OF GOLDEN BEACH, FLORIDA, AS FOLLOWS:**

**Section 1. Recitals Adopted.** Each of the above stated recitals are hereby adopted, confirmed and incorporated herein.

**Section 2. Approval of Agreement.** The Town Council hereby authorizes the work within the February 15, 2023 Scope of Services and Fee Proposal by Craig Smith & Associates, Inc. in substantially the form attached hereto as Exhibit "A" (the "Proposal).

**Section 3. Implementation.** The Town Manager is hereby authorized to issue a directive to the Town Engineer for the work contained in the Proposal and to take all steps reasonably necessary to implement the work and this Resolution.

**Section 4. Effective Date.** This Resolution shall be effective immediately upon adoption.

The Motion to adopt the foregoing Resolution was offered by Councilmember Lusskin, seconded by Councilmember Mendal, and on roll call the following vote ensued:

Mayor Glenn Singer	<u>Aye</u>
Vice Mayor Kenneth Bernstein	<u>Aye</u>
Councilmember Bernard Einstein	<u>Aye</u>
Councilmember Jaime Mendal	<u>Aye</u>
Councilmember Judy Lusskin	<u>Aye</u>

**PASSED AND ADOPTED** by the Town Council of the Town of Golden Beach, Florida this 28<sup>th</sup> day of February, 2023.




MAYOR GLENN SINGER

ATTEST:



LISSETTE PEREZ  
TOWN CLERK

APPROVED AS TO FORM  
AND LEGAL SUFFICIENCY:



STEPHEN J. HELFMAN  
TOWN ATTORNEY

**EXHIBIT "A"**

*(Attach Agreement between the Town and Craig A. Smith & Associates, Inc.)*



# TOWN OF GOLDEN BEACH

One Golden Beach Drive  
Golden Beach, FL 33160

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## MEMORANDUM

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**Date:** February 28, 2023

**To:** Honorable Mayor Glenn Singer &  
Town Council Members

**From:** Alexander Diaz,   
Town Manager

**Subject:** **Resolution No. 2861.23- Authorizing Craig A. Smith &  
Associates to Perform the Retrofit of the Tweddle Park  
Stormwater Pump Station**

Item Number:

7

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### **Recommendation:**

It is recommended that the Town Council adopt the attached Resolution No. 2861.23 as presented.

### **Background:**

The existing drainage wells at the Tweddle Park storm water pump station have had a significant loss (approx. 90%) in discharge capacity, which were intended for water quality treatment and flood control. This has caused the majority of the discharge to be diverted to the existing storm water gravity outfall. In the best effort to reduce flooding within the surrounding area, the town will retrofit the existing pipe and structure configuration to the existing gravity outfall in order to replace the well capacities.

In addition, the existing drainage wells are located adjacent to the town's new Civic Center building, which is currently under construction. Upon completion, the building will house our Government offices, Building Department, Police Department, along with the Emergency Landfall Team Bunker. In order to protect this critical facility from flooding, the town must replace the existing wells.

The town's engineers have recommended the retrofit of the existing pump station. This entails modifying the pump station's operation by taking it from a pumping into a drainage well chamber with a gravity overflow to the outfall point condition to the removal of the drainage wells and conversion of the gravity outfall pipe run to a pumped forcemain superceded by a bypass weir structure and hydrodynamic vortex separators for storm water quality treatment prior to off-site discharge. This will require that the existing wells be abandoned in place or removed pending final design.

To reduce project costs, the existing pump station will be retrofitted and will remain at its current location. The Tweddle Park Pump Station is the oldest of the storm water pump stations in the town and was constructed on or around 1999. The station is currently equipped with (2) 5,500 GPM, located within the pump house. One of the existing vertical pumps is impaired. After reviewing several options it has been determined that, since the pumps and motors have exceeded their serviceable lifespan, the pumps and motors are to be replaced with new pumps and motors that match the design criteria as part of the retrofit. The restoration of all existing surface infrastructure (i.e., landscaping, curbing, sidewalks, etc.) affected during construction will be restored to its original condition.

**Recommendation:**

The Town has received a \$500,000 grant for this project and the total project is estimated to cost approximately \$800,000.00. We are recommending that Craig A. Smith and Associates' proposal for engineering services for the Retrofit of the Tweddle Park Stormwater Pump Station be accepted and awarded.

**Fiscal Impact:**

Engineering cost for various services in the amount of \$128,060.00.