



**AMENDMENT NUMBER 1 TO WORK ORDER NUMBER 4**

**VICTOR HART SR. COMPLEX DRAINAGE IMPROVEMENTS – IRC-1760**

This Amendment 1 to Work Order Number 4 is entered into as of this \_\_\_ day of \_\_\_\_\_, 201\_, pursuant to that certain Continuing Contract Agreement for Professional Services, dated November 4<sup>th</sup>, 2014, and that certain Extension and Amendment of Continuing Contract Agreement for Professional Services entered into the 24<sup>th</sup> day of October, 2017 (collectively referred to as the "Agreement"), by and between INDIAN RIVER COUNTY, a political subdivision of the State of Florida ("COUNTY") and Masteller & Moler, Inc. ("Consultant").

1. The COUNTY has selected the Consultant to perform the professional services set forth in existing Work Order Number 4, Effective Date February 6, 2018.
2. The COUNTY and the Consultant desire to amend this Work Order as set forth on Exhibit A (Scope of Work) attached to this Amendment and made part hereof by this reference. The professional services will be performed by the Consultant for the fee schedule set forth in Exhibit A (Fee Schedule), and within the timeframe more particularly set forth in Exhibit A (Time Schedule), all in accordance with the terms and provisions set forth in the Agreement.
3. From and after the Effective Date of this Amendment, the above-referenced Work Order is amended as set forth in this Amendment. Pursuant to paragraph 1.4 of the Agreement, nothing contained in any Work Order shall conflict with the terms of the Agreement and the terms of the Agreement shall be deemed to be incorporated in each individual Work Order as if fully set forth herein.

IN WITNESS WHEREOF, the parties hereto have executed this Work Order as of the date first written above.

**CONSULTANT:  
MASTELLER & MOLER, INC**

**BOARD OF COUNTY COMMISSIONERS  
OF INDIAN RIVER COUNTY**

By:   
Stephen E. Moler, PE  
Title: Vice President

By: \_\_\_\_\_  
Peter D. O'Bryan, Chairman

BCC Approved Date: \_\_\_\_\_

Attest: Jeffrey R. Smith, Clerk of Court and Comptroller

By: \_\_\_\_\_  
Deputy Clerk

Approved: \_\_\_\_\_  
Jason E. Brown, County Administrator

Approved as to form and legal sufficiency: \_\_\_\_\_  
Dylan T. Reingold, County Attorney



## EXHIBIT A

Masteller & Moler, Inc. (MM) has researched both County and St. Johns River Water Management District (SJRWMD) files in an attempt to locate past designs and/or as-builts that might reveal the location of existing underground utilities within the Victor Hart Sr. Park site. Finding no reliable information, it is our recommendation that a ground penetrating radar firm be retained to assist to locate existing underground utilities in the area of the site where excavation is planned. This service will assist in design and will substantially reduce the potential for discovery of surprise conflicts during construction of the project improvements.

MM has also determined the proposed addition of coquina and/or millings parking is considered by the SJRWMD to be impervious surfaces requiring stormwater treatment with supporting computations. We propose to provide the additional treatment for this project through expansion of the existing wet detention system at the north end of the site.

### Scope of Work:

Task A – Ground Penetrating Radar (GPR) Services & Coordination: Masteller & Moler, Inc. will subcontract with Bloodhound to perform a ground penetrating radar (GPR) study of the Victor Hart Sr. Park site as described in their Proposal attached hereto as Exhibit B for the area depicted on Exhibit C.

Following completion of the GPR field work we will notify the County Surveyor's office so the markings in the field may be located and added to the site's topographic survey. (The survey work is not included in our fee.)

Task B – Stormwater Treatment System Plans / Report: We shall perform stormwater treatment computations to confirm the proposed expansion of the site's existing wet detention system that will support the additional impervious surfaces planned for this project. The computations shall be presented in a written format.

The computations will also provide justification for adding a control elevation orifice in the existing outfall structure to allow for recovery of treatment volume. The treatment volume shall be defined as the originally required treatment volume required by SJRWMD ERP # 42-061-114983-1 plus the amount needed for compensating storage for the planned impervious surfaces for this project.

Our services shall also include completing the design of the wet detention lake expansion construction plans to be integrated into the overall plans for this project.

Following completion of the Plans & Computations, we shall prepare the appropriate application form for submittal to the St. Johns River Water Management District to allow for modification of the site's existing ERP. We shall address reasonable comments relative to our designs to allow the ERP to be issued.



**Fee Schedule:**

Task A – GPR Services & Coordination:	\$ 1,656.00
Task B – Stormwater Treatment System Plans / Computations	\$ 4,800.00

**Time Schedule:**

**1. Amendment No. 1 shall be completed as follows:**

A. GPR Services Completed and Surveyor's Office notified	15 Working Days
B. Final Design	10 Working Days

**2. Deliverables – the ENGINEER shall provide the COUNTY:**

- a. Field Location Underground Utilities (Painted)
- b. Stormwater Plans / Report (2 signed & sealed copies)