



VIA Email

October 15, 2024

Sean O'Keefe
Town Manager
Town of Howey in the Hills
PO Box 128
Howey in the Hills, FL 34737

Re: **WATER TREATMENT PLANT NO. 3 (HALFF AVO 055783.001)**
CHANGE ORDER NO. 2 – 12" WATER MAIN INTERCONNECTION

Dear Mr. O'Keefe:

Please find enclosed Halff's Change Order for services necessary to complete the above referenced project as requested. This change order is based upon the results of the hydraulic modeling, and that in order to provide fire protection to the entire town, they need to install this 12" water line further looping the two plants. Please be sure to sign page 3 and return to our office.

Should you have any additional questions or concerns in regards to this information, please do not hesitate to contact our office.

Sincerely,
Halff

A handwritten signature in purple ink, appearing to read "Troy Mitchell".

Troy Mitchell, P.E.
Project Manager

enclosure

TM:eb



**CHANGE ORDER REQUEST #2
FOR
TOWN OF HOWEY IN THE HILLS
WATER TREATMENT PLANT NO. 3**

**Halff # 055783.001
September 26, 2024**

The services specified below are required in order to complete the above-referenced project. Based upon the results of the hydraulic modeling effort, in order to serve the Town with fire protection from the new WTP, it is necessary to install a larger, 12-inch waterline between the new facility and the existing 12-inch watermain distribution system on W. Central Avenue to further loop the water system. We have outlined each individual task that is required. Your signature below will constitute approval of said Change Order Request, as previously discussed, which will in turn be incorporated into your existing contract.

PHASE 210 ADDITIONAL SUBSURFACE UTILITY LOCATION

Halff will subcontract with Precise Locating Services, Inc. to designate the horizontal positions of underground utilities.

Horizontal Locations: Precise Locating Services Inc. will provide technicians, equipment and tools to designate the horizontal positions for but not limited to Buried Power, Water, Gas, CATV, Fiber and Telephone as outline on the map provided on 9/24/24 starting at S. Florida Ave east on Central Ave. to N. Dixie Dr. then north to W. Cypress Ave. then east to SR 19 full R/W, then north on SR 19 western right-of-way to the new water plant on CR 48 for a total of approximately 5,650 feet to include the east side of CR 48 at the road crossing.

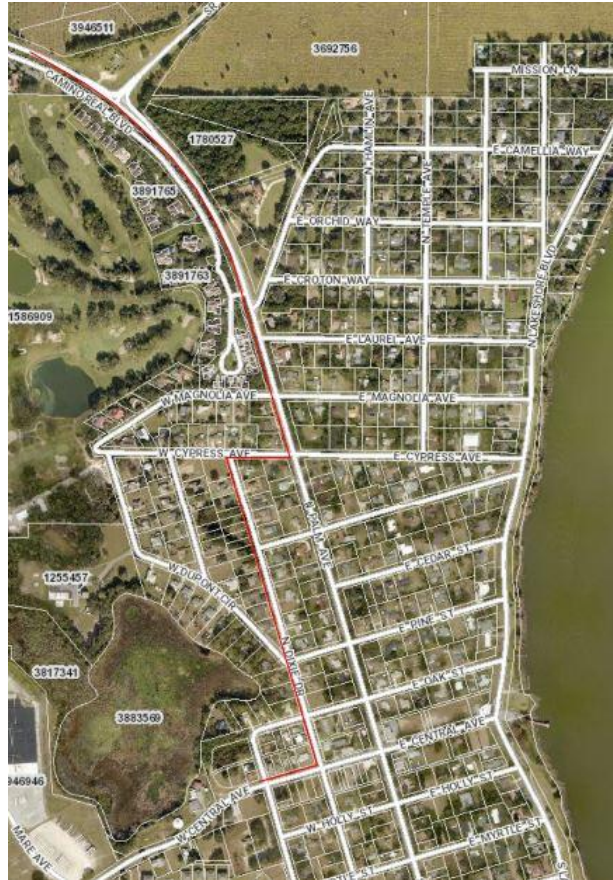
FEE: \$16,950.00

PHASE 310 TOPOGRAPHIC AND ROUTE SURVEY

A Topographic/Route Survey in accordance with 5J-17, Florida Administrative Code, the Standards of Practice for land surveying for the proposed Howey-In-The-Hills water treatment plant will be performed to locate the horizontal and vertical spatial relationship of the above ground man-made or natural features lying within the limits defined in survey exhibit "A" (limits shown in red-approximate length is 5,600 linear feet) sufficient to establish a one-foot contour digital terrain model. The rights of way will be determined for streets shown on said Exhibit "A". Location limits will be full right of way width with an additional 10 feet on adjacent parcels. Accessible drainage structures, gravity sewer lines and associated pipes will be located and detailed. A note will be included on the survey for any structures that are not accessible. A minimum of six (6) site benchmarks (NAVD 88 datum) will be established for this project from existing control. Any above ground features for the existing utilities such as valves, transformers, or fire hydrants along with flagging/markings delineated by others will be located. All trees having a diameter of 6" or larger will be located with size and type (if known) notated. Individual shrubs or ornamental plants will not be located. The topographic survey shall be provided in digital format using Civil3D platform. See Survey Exhibit "A" for approximate topographic survey limits.

FEE: \$61,300.00

Survey Exhibit "A"



Survey Deliverables

1. Autocad Civil3D base file
2. Electronic Files (PDF & AutoCAD) will be released to the client/engineer within 12 months of the date of survey or until the contract is closed.

PHASE 810 CIVIL ENGINEERING DESIGN OF WATERLINE

Halff will prepare final engineering drawings for the proposed 5,650 linear feet of 12" watermain extension along the aforementioned route. The proposed watermain will be installed within the western rights-of-way of CR 48 and SR 19 from the proposed access driveway of WTP No. 3 southward to W. Cypress Avenue, then westward to N. Dixie Drive southward to W. Central Avenue then westward to S. Florida Avenue where it will connect to the existing 12-inch watermain. It is anticipated that the proposed 12-inch watermain will also connect to the existing watermains on cross streets along the route. Plans will include a cover sheet, 30 scale plan view design drawings with aerial background, erosion control plan and force main details.

FEE: \$30,880.00



PHASE 1455 ADDITIONAL FDOT RIGHT OF WAY UTILIZATION PERMIT

Prepare and submit application to FDOT for Right of Way Utilization permit. Permit is required for connection of utilities to be located in existing County owned right of way. Attend meeting(s) with FDOT staff and respond to request for additional information (RAI) in order to obtain permit.

FEE: \$5,440.00

PHASE 1465 ADDITIONAL LAKE COUNTY RIGHT OF WAY UTILIZATION PERMIT

Prepare and submit Lake County Right of Way Utilization permit application, attend DRC meeting(s), address staff review comments, and make plan revisions per staff comments in order to obtain County approval.

FEE: \$4,250.00

PHASE 1605 ADDITIONAL CONSTRUCTION ADMINISTRATION

Halff and our subconsultants will provide construction administration services including:

- Attend and conduct the pre-construction meeting, and compile and distribute meeting notes.
- Attend and conduct monthly construction progress meetings, and compile and distribute meeting notes.
- Review shop drawing submittals.
- Respond to requests for information (RFIs).
- Review change order requests.
- Observe construction progress weekly.
- Prepare a project punch list and verify its completion.
- Certify substantial and final completion.
- Review Contractor Applications for Payment

FEE: \$32,260.00

PHASE 1710 PROJECT ADMINISTRATION

The scope of services shall include administrative services necessary to coordinate all aspects of the project through the planning, design and permitting phase. These services shall include project scheduling with all regulatory agencies and public utility companies during the design and permitting phase of the project. Attend project meetings, conference calls, progress meetings or other meetings and phone calls as needed and requested by the client

FEE: \$6,400.00

PHASE 9999 REIMBURSIBLES

Costs for reimbursibles, including printing, copying, blueprints, binding, FedEx, etc., shall be billed per Exhibit A Section II Compensation per original contract.

FEE: \$5,000.00



Services requested by:

Sean O'Keefe, Town Manager
Town of Howey in the Hills

(Signature required)

Halff

A handwritten signature in blue ink, appearing to read "R. Ern".

Robert A. Ern, Jr., P.E., DBIA
Water/Wastewater Deputy Practice Leader