



To: Greg Chavarria, City Manager  
From: Alan Dodd, Director – Public Works  
Date: February 21, 2023  
Re: Change Order No. 1 for Project No. 11715

---

Job Description: Project No. 11715, Las Olas Isles Undergrounding of Overhead Utilities  
Contractor: Ferreira Construction Southern Division Co. Inc.  
Amount: Total amount of Change Order No. 1 - \$1,228,141.50 plus 180 additional days  
Funding: 10-354-9100-554-60-6599-P11715

---

The purpose of this Change Order is:

To compensate the Contractor for changes in the scope of work and increase the Contract Time to account for all changes and delays.

The original Project scope has required major adjustments in the field due to several miscalculations and omissions discovered in the Contract Documents. This Project has been delayed due to the changes in scope, as well as coordination and delivery of materials from FPL, AT&T, and Comcast. An initial Agreement extension was approved at the February 7, 2023 Commission meeting, which revised the Final Completion date of the original scope of work to May 15, 2023. However, the previous Commission item did not cover the alteration in scope, the additional time or funding needed. The additional time required to complete all work on this Project is 180 days, bringing the Final Completion date for this Project to November 11, 2023.

#### **NEW AND EXISTING CONTRACT ITEMS ARE UTILIZED – TOTAL CREDIT (\$948,940)**

---

Existing Item No. 15 FPL Directional Boring – 1-6" Conduit  
Reduction of quantity from 450 LF to 288 LF. Bid quantity and plan set varied from construction plan set.  
**Deduct 162 LF x \$20/LF = \$3,240.00**

Existing Item No. 16 FPL Directional Boring – 2-6" Conduit  
Reduction of quantity from 5000 LF to 0 LF. Bid quantity and plan set did not match construction plan set.  
**Deduct 5000 LF x \$30/LF = \$150,000.00**





- Existing Item No. 18      FPL Directional Boring – 2-2” Conduit  
Reduction of quantity from 20,500 LF to 5,500 LF. Bid quantity and plan set did not match construction plan set.  
**Deduct 15,000 LF x \$16/LF = \$240,000.00**
- Existing Item No. 21      ATT/Comcast Directional Boring 1-2” Conduit  
Reduction of quantity from 26,000 LF to 23,600 LF. Bid quantity and plan set varied from construction plan set.  
**Deduct 2,400 LF x \$9/LF = \$21,600.00**
- Existing Item No. 22      ATT/Comcast Directional Boring 2-1” Conduit  
Reduction of quantity from 36,000 LF to 28,600 LF. Bid quantity and plan set varied from construction plan set.  
**Deduct 7,400 LF x \$9/LF = \$66,600.00**
- Existing Item No. 25      Trenching 36” Hand Dig with Backfill  
Reduction of quantity from 200 LF to 0 LF. Bid item not in construction plan set work scope. Removing to allow additional quantity of 24” hand dig.  
**Deduct 200 LF x \$100/LF = \$20,000.00**
- Existing Item No. 26      Trenching 42” Hand Dig with Backfill  
Reduction of quantity from 200 LF to 0 LF. Bid item not in construction plan set work scope. Removing to allow additional quantity of 24” hand dig.  
**Deduct 200 LF x \$100/LF = \$20,000.00**
- Existing Item No. 27      Trenching 48” Hand Dig with Backfill  
Reduction of quantity from 200 LF to 0 LF. Bid item not in construction plan set work scope. Removing to allow additional quantity of 24” hand dig.  
**Deduct 200 LF x \$150/LF = \$30,000.00**
- Existing Item No. 29      Install FPL Conduit Only 1-6” Complete  
Reduction of quantity from 6,000 LF to 1,000 LF. Bid quantity and plan set did not match construction plan set.  
**Deduct 5,000 LF x \$15/LF = \$75,000.00**
- Existing Item No. 33      Install FPL Cable 4/0 HDPE-TPX in Secondary Cable in 2” Conduit 50’ or Less  
Reduction of quantity from 41,000 to 26,000 LF. Bid quantity and plan set did not match construction plan set.  
**Deduct 15,000 x \$2/LF = \$30,000.00**





Existing Item No. 36      Install FPL Cable 1CC-1/0XPE Primary Cable in 2" Conduit 100' or Less Reduction of quantity from 92,000 LF to 1,000 LF. Bid quantity and plan set did not match construction plan set.

**Deduct 91,000 LF x \$2.50/LF = \$227,500.00**

Existing Item No. 56      Install FPL Bump Out Assy (Removable Barriers)  
Reduction of quantity from 125 EA to 0 EA. Bid item not in construction plan set work scope.

**Deduct 125 x \$200/EA = \$25,000.00**

Existing Item No. 67      Permit Fees Allowance  
Reduction of allowance from \$50,000 to \$10,000. Bid quantity and plan set did not match construction plan set.

**Deduct \$40,000.00**

---

**NEW AND EXISTING CONTRACT ITEMS ARE UTILIZED – TOTAL ADDITIVE COST \$2,177,081.50**

---

Existing Item No. 4      Install FPL Pad, Boxes and Chambers 24"  
Relocate 11 Transformer Pads due to conflicts between plan sets and HOA/resident requests.

**Add 11 x \$400/EA = \$4,400.00**

Existing Item No. 17      FPL Directional Boring 3-2" Conduit  
Increase in quantity from 25,500 to 32,200 to match construction plan set.

**Add 6,700 LF x \$20/LF = \$134,000.00**

Existing Item No. 19      FPL Directional Boring 1-2" Conduit  
Increase in quantity from 5,500 to 13,100 LF to match construction plan set.

**Add 7,600 x \$11/LF LF \$83,600.00**

Existing Item No. 20      ATT/Comcast Directional Boring 1-4" Conduit  
Increase in quantity from 26,000 LF to 40,000 LF. Bid quantity and plan set did not match construction plan set.

**Add 14,000 LF x \$15.50/LF = \$217,000.00**

Existing Item No.23      Trenching 24" Hand Dig with Backfill  
Increase in quantity from 200 LF to 1000 LF due to job site conditions.

**Add 800 LF x \$100/LF = \$80,000.00**





- Existing Item No. 30      Install ATT/Comcast Conduit Only 1-4" Complete  
Increase in quantity from 500 LF to 3,500 LF. Bid quantity and plan set did not match construction plan set.  
**Add 3,000 LF x \$10/LF = \$30,000.00**
- Existing Item No. 31      Install ATT/Comcast Conduit Only 1-2" Complete  
Increase in quantity from 500 LF to 4,500 LF due to job site conditions.  
**Add 4,000 LF x \$8/LF = \$32,000.00**
- Existing Item No. 32      Install ATT/Comcast Conduit Only 1-1" Complete  
Increase in quantity from 500 LF to 3000 LF. Bid quantity and plan set did not match construction plan set.  
**Add 2,500 LF x \$8/LF = \$20,000.00**
- Existing Item No. 38      Install FPL Cable 1CC-1/0XPE Primary Cable in 2" Conduit Over 400'  
Increase in quantity from 1,000 LF to 84,520 LF. Bid quantity and plan set did not match construction plan set.  
**Add 83,520 LF x \$3.00/LF = \$250,560.00**
- New Item No. CO 1-1      Remove/Reinstall Driveway Pavers  
Reinstallation of an additional 20 driveway pavers due to plan omission and job site conditions.  
**Add 20 x \$500/EA = \$10,000.00**
- New Item No. CO 1-2      Tree Removal  
Addition of four (4) tree removals. Tree survey was not previously conducted, and conflicts have been encountered in the field.  
**Add 4 x \$1,500/EA = \$6,000.00**
- New Item No. CO 1-3      Install ATT/Comcast 10" x 15" Handholes  
Addition of 318 small handholes for ATT/Comcast due to conflicting scope of work between bid documents and bid items.  
**Add 318 x \$953.66/EA = \$303,263.88**
- New Item No. CO 1-4      Install ATT/Comcast 30" x 48" Handholes  
Addition of 229 large handholes for ATT/Comcast Omission due to conflicting scope of work between bid documents and bid items.  
**Add 229 x \$1,678.84/EA = \$384,454.36**





New Item No. CO 1-5 Residence Service Directional Boring Setups with Pits Complete  
Addition of 200 setups due to omission from bid documents and job site conditions.

**Add 200 x \$542.87/EA = \$108,574.00**

New Item No. CO 1-6 Materials Handling Expense  
Due to the inability to locate a nearby storage facility, materials to be provided by utility companies are stored in Medley creating the need for the contractor to haul to the site. Added 40 truckloads/units to cover additional cost associated with hauling of transformers, concrete pads, and handholes provided by others (not under this Agreement).

**Add 40 x \$2,500 = \$100,000.00**

New Item No. CO 1-7 Asphalt Escalation  
Add Lump Sum Amount for Price Increase of asphalt related to Bid Items 58 (Paving FDOT Type III Asphaltic Concrete Surface) and 59 (Paving FDOT Type III Asphaltic Concrete Surface for Leveling)

**Add \$97,000.00**

New Item No. CO 1-8 Milling Trucking Increase  
Add Lump Sum Amount for Price Increase of trucking cost related to Bid Item 60 (Milling of Existing Asphalt Pavement to a Depth of 1")

**Add \$20,000.00**

New Item No. CO 1-9 Additional compensation for incurred expenses associated with AT&T material procurement delays

Summary of the total cost of this delay:

70 Working Days

Direct daily Cost for Supervision, MOT & Yard Rental = \$4,030.33

70 X \$4,030.33 = \$282,123.10

5% Allowable Mark-up = \$14,106.16

Total Cost of Delay = \$296,229.26

**Add \$296,229.26**

---

**NET AMOUNT OF THIS CHANGE ORDER: \$1,228,141.50**

**ADDITIONAL CONTRACT TIME BEING REQUESTED: ONE HUNDRED EIGHTY (180) CALENDAR DAYS**

---

**THE TOTAL AMOUNT OF THIS CHANGE ORDER: \$1,228,141.50**

---





This Change Order provides for all costs and schedule adjustments associated with completing the Work, including materials, labor, equipment, bond, insurance, overhead, profit, impacts, and any and all related items or associated costs incurred or resulting from the items listed above, and is provided in accordance with Article 13 – Changes in the Work of the Agreement.

IN WITNESS OF THE FOREGOING, the Parties have set their hands and seals the day and year first written below.

FERREIRA CONSTRUCTION SOUTHERN DIVISION CO. INC.

Approved: \_\_\_\_\_

\_\_\_\_\_  
Print Name and Title

Dated: \_\_\_\_\_





CITY

CITY OF FORT LAUDERDALE, a municipal corporation of  
the State of Florida

By: \_\_\_\_\_  
GREG CHAVARRIA  
City Manager

Dated: \_\_\_\_\_

(CORPORATE SEAL)

ATTEST:

By: \_\_\_\_\_  
DAVID R. SOLOMAN  
City Clerk

Approved as to form:  
D'WAYNE M. SPENCE, Interim City Attorney

By: \_\_\_\_\_  
RHONDA MONTOYA HASAN  
Assistant City Attorney

C: Omar Castellon, Assistant Public Works Director - Engineering  
Jill Prizlee, Chief Engineer  
Brandy Leighton, Senior Project Manager  
Gary Foster, Senior Project Manager  
Kymberly Holcombe, Financial Administrator  
Project File

---

**CHANGE ORDER SUMMARY SHEET**

---





ORIGINAL CONTRACT AMOUNT	\$4,733,400.00
COST OF CHANGE ORDERS TO DATE	\$0.00
COST OF THIS CHANGE ORDER	\$1,228,141.50
<b>TOTAL:</b>	<b>\$5,961,541.50</b>
ORIGINAL CONTRACT TIME	180 calendar days
TIME ADDED TO DATE	241 calendar days
TIME ADDED TO THIS CHANGE ORDER	180 calendar days
<b>TOTAL:</b>	<b>601 calendar days</b>

---

**SCHEDULE OF CHANGE ORDERS TO DATE**

---

C.O.#	DATE	DESCRIPTION	AMOUNT OF COST OR CREDIT
		N/A	\$0.00

