

## **Solicitation PNC2119323B1**

**Roadway, Drainage, Traffic Miscellaneous Cons.**

**Bid Designation: Public**



**Broward County Board of County Commissioners**

## Bid PNC2119323B1

### Roadway, Drainage, Traffic Miscellaneous Cons.

Bid Number PNC2119323B1  
Bid Title Roadway, Drainage, Traffic Miscellaneous Cons.

Bid Start Date Sep 18, 2019 5:17:46 PM EDT  
Bid End Date Oct 18, 2019 2:00:00 PM EDT  
Question & Answer End Date Oct 9, 2019 5:00:00 PM EDT

Bid Contact Stacy-Ann Brown  
Purchasing Agent  
Purchasing Division  
954-357-5856  
stabrown@broward.org

Bid Contact Latoya Clark-Forbes  
Purchasing Agent  
Purchasing  
954-357-6009  
lclarkforbes@broward.org

Contract Duration 2 years  
Contract Renewal 1 annual renewal  
Prices Good for 120 days  
Pre-Bid Conference Sep 30, 2019 10:00:00 AM EDT

Attendance is optional  
Location: Location:

A pre -bid meeting will be held at Broward County Governmental Center, Room 301, 115 S. Andrews Avenue, Fort Lauderdale, FL 33301.

Attendance at this pre -bid conference is optional. This information session presents an opportunity for bidders to clarify any concerns regarding the bid requirements. The bidder is cautioned that, although the pre -bid conference is optional, no modification or any changes will be allowed in the pricing because of the failure of the bidder(s) to have attended the conference. The list of attendees will be available by clicking on "Transcript" under the pre -bid conference information.

Bid Comments **Scope of Work:** Furnish all labor materials, equipment, supervision and incidentals required to perform roadway reconstruction, widening, milling, resurfacing, pavement marking, drainage work, traffic control and signalization, school flushers, communications network, street lighting, water and sewer, landscaping, signing and pavement marking, guardrail, maintenance of traffic and so forth in a competent and professional manner in compliance with all applicable building, safety, technical and related codes and laws for the Broward County Highway Construction and Engineering Division (BCHCED) and other Broward County agencies.

**Basis of Award:** The basis of award is by total price; Vendor must bid all items or may be deemed non-responsive.

**Goal Participation:** This solicitation includes participation goals for Broward County certified County Business Enterprises. Refer to Special Instructions for Vendors and the Office of Economic and Small Business Development Requirements attachment for additional information and forms.

Workforce One Investment Program applies to this contract. Refer to Workforce Investment Program Requirements section for additional information.

**License or FDOT Prequalification Requirements:** In order to be considered a responsive and responsible Vendor, Vendor shall possess licenses / FDOT contractor prequalification, as referenced in the Special Instructions to Vendors.

**Bid Guaranty:** Each submittal shall be accompanied by a bid guaranty in an amount equal to five percent (5%) of the total price. If submitting a bid bond, Vendor must submit with its response a bid bond in the form of the County's approved Bid Bond Form (link to County's Bid Bond Form is available in the Bid Bond, Bid Guaranty, Performance and Payment Guaranties, and Qualifications of Surety Requirements section). Refer to the solicitation for additional information for the bid guaranty and payment and performance bonding requirements.

**Questions and Answers:** The County provides a specified time for Vendors to ask questions and seek clarification regarding the requirements of the solicitation. Vendors shall submit *all* questions or clarification inquiries through the Question and Answers (Q&A) section available in BidSync by the date and time referenced in the solicitation document (including any addenda). All responses will be addressed in the Q&A section. The County is not obligated to respond to any questions or clarification inquiries received after the listed deadline or received by means other than BidSync.

**Submittals:** Vendor **MUST** submit its solicitation response electronically and **MUST** confirm its submittal in order for the County to receive a valid response through BidSync. Refer to the Purchasing Division website or contact BidSync for submittal instructions. It is the Vendor's sole responsibility to assure its response is submitted and received through BidSync by the date and time specified in the solicitation. The County will not consider solicitation responses received by other means. **Vendors are encouraged to submit their responses in advance of the due date and time specified in the solicitation document. In the event that the Vendor is having difficulty submitting the solicitation document through BidSync, immediately notify the Purchasing Agent and then contact BidSync for technical assistance.**

### Item Response Form

Item	<b>PNC2119323B1 --01-01 - Roadway: COMMERCIAL MATERIAL FOR TEMPORARY DRIVEWAY MAINTENANCE.</b>
Lot Description	Roadway
Quantity	<b>300 cubic yard</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<u>Refer to Specifications and Requirements</u>
	N/A
	N/A FL 33301
	<b>Qty 300</b>

**Description**

FDOT PAY ITEM No. 0102 3. COMMERCIAL MATERIAL FOR TEMPORARY DRIVEWAY MAINTENANCE.

Item	<b>PNC2119323B1 --01-02 - Roadway: TRAFFIC CONTROL OFFICER.</b>
Lot Description	Roadway
Quantity	<b>500 hour</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<u>Refer to Specifications and Requirements</u>
	N/A
	N/A FL 33301
	<b>Qty 500</b>

**Description**

FDOT PAY ITEM No. 0102 14. TRAFFIC CONTROL OFFICER.

Item **PNC2119323B1--01-03 - Roadway: WORK ZONE SIGN**  
Lot Description Roadway  
Quantity **20000 day**  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 20000

**Description**

FDOT PAY ITEM No. 0102 60. WORK ZONE SIGN.

Item **PNC2119323B1--01-04 - Roadway: BUSINESS SIGN.**  
Lot Description Roadway  
Quantity **20 each**  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 20

**Description**

FDOT PAY ITEM No. 0102 61. BUSINESS SIGN.

Item **PNC2119323B1--01-05 - Roadway: TEMPORARY BARRIER, , WATERFILLED**  
Lot Description Roadway  
Quantity **200 linear foot**  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 200

**Description**

FDOT PAY ITEM No. 0102 71 12. TEMPORARY BARRIER, FURNISH AND INSTALL, WATERFILLED

Item **PNC2119323B1--01-06 - Roadway: TEMPORARY BARRIER, CONCRETE, FURNISH AND INSTALL, ANCHORED**  
Lot Description Roadway  
Quantity **1000 linear foot**  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 1000

**Description**

FDOT PAY ITEM No. 0102 71 15. TEMPORARY BARRIER, FURNISH AND INSTALL, ANCHORED

Item	<b>PNC2119323B1--01-07 - Roadway: TEMPORARY BARRIER, FURNISH AND INSTALL, FREE STANDING</b>
Lot Description	Roadway
Quantity	<b>1000 linear foot</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<u>Refer to Specifications and Requirements</u>
	N/A
	N/A FL 33301
	<b>Qty 1000</b>

**Description**

FDOT PAY ITEM No. 0102 71 16. TEMPORARY BARRIER, FURNISH AND INSTALL, FREE STANDING

Item	<b>PNC2119323B1--01-08 - Roadway: TEMPORARY BARRIER, RELOCATE, WATERFILLED.</b>
Lot Description	Roadway
Quantity	<b>200 linear foot</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<u>Refer to Specifications and Requirements</u>
	N/A
	N/A FL 33301
	<b>Qty 200</b>

**Description**

FDOT PAY ITEM No. 0102 71 22. TEMPORARY BARRIER, RELOCATE, WATERFILLED.

Item	<b>PNC2119323B1--01-09 - Roadway: TEMPORARY BARRIER, RELOCATE, ANCHORED</b>
Lot Description	Roadway
Quantity	<b>1000 linear foot</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<u>Refer to Specifications and Requirements</u>
	N/A
	N/A FL 33301
	<b>Qty 1000</b>

**Description**

FDOT PAY ITEM No. 0102 71 25. TEMPORARY BARRIER, RELOCATE, ANCHORED

Item	<b>PNC2119323B1--01-10 - Roadway: TEMPORARY BARRIER, RELOCATE, FREE STANDING</b>
Lot Description	Roadway
Quantity	<b>1000 linear foot</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 1000

**Description**

FDOT PAY ITEM No. 0102 71 26. TEMPORARY BARRIER, RELOCATE, FREE STANDING

**Item** PNC2119323B1--01-11 - Roadway: CHANNELIZING DEVICE - TYPES I, II, DI, VP, DRUM, OR LCD.**Lot Description** Roadway**Quantity** 25000 day**Unit Price** **Delivery Location** Broward County Board of County Commissioners[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 25000

**Description**

FDOT PAY ITEM No. 0102 74 1. CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD. This pay item does not compensate for traffic cones. Cost for traffic cones are included in the cost of the item being installed.

**Item** PNC2119323B1--01-12 - Roadway: CHANNELIZING DEVICE TYPE III, 6 FEET.**Lot Description** Roadway**Quantity** 500 day**Unit Price** **Delivery Location** Broward County Board of County Commissioners[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 500

**Description**

FDOT PAY ITEM No. 0102 74 2. CHANNELIZING DEVICE TYPE III, 6 FEET.

**Item** PNC2119323B1--01-13 - Roadway: CHANNELIZING DEVICE, PEDESTRIAN LCD (LONGITUDINAL CHANNELIZING DEVICE)**Lot Description** Roadway**Quantity** 1000 linear foot**Unit Price** **Delivery Location** Broward County Board of County Commissioners[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 1000

**Description**

FDOT PAY ITEM No. 0102 74 7. CHANNELIZING DEVICE, PEDESTRIAN LCD (LONGITUDINAL CHANNELIZING DEVICE)

Item **PNC2119323B1--01-14 - Roadway: ARROW BOARD/ADVANCE WARNING ARROW PANEL.**  
Lot Description Roadway  
Quantity **700 day**  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
**Qty 700**

**Description**

FDOT PAY ITEM No. 0102 76. ARROW BOARD/ADVANCE WARNING ARROW PANEL.

Item **PNC2119323B1--01-15 - Roadway: TEMPORARY RETROREFLECTIVE PAVEMENT MARKER.**  
Lot Description Roadway  
Quantity **1000 each**  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
**Qty 1000**

**Description**

FDOT PAY ITEM No. 0102 78. TEMPORARY RETROREFLECTIVE PAVEMENT MARKER.

Item **PNC2119323B1--01-16 - Roadway: TEMPORARY CRASH CUSHION, RE-DIRECTIVE**  
Lot Description Roadway  
Quantity **6 location**  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
**Qty 6**

**Description**

FDOT PAY ITEM No. 0102 89 1, TEMPORARY CRASH CUSHION, RE-DIRECTIVE

Item **PNC2119323B1--01-17 - Roadway: TEMPORARY PORTABLE CHANGEABLE MESSAGE SIGN.**  
Lot Description Roadway  
Quantity **50 day**  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
**Qty 50**

**Description**

FDOT PAY ITEM No. 0102 99. TEMPORARY PORTABLE CHANGEABLE MESSAGE SIGN.

Item **PNC2119323B1--01-18 - Roadway: REMOVABLE TAPE PAVEMENT MARKING, WHITE/BLACK/YELLOW, SOLID/SKIP.**

Lot Description Roadway

Quantity **200 linear foot**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

**Qty 200**

**Description**

FDOT PAY ITEM No. 0102911 2, 0102911 1, 0102912 1, 0102912 2. REMOVABLE TAPE PAVEMENT MARKING, WHITE/BLACK/YELLOW, SOLID/SKIP.

Item **PNC2119323B1--01-19 - Roadway: SEDIMENT BARRIER.**

Lot Description Roadway

Quantity **2500 linear foot**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

**Qty 2500**

**Description**

FDOT PAY ITEM No. 0104 10 3. SEDIMENT BARRIER.

Item **PNC2119323B1--01-20 - Roadway: FLOATING TURBIDITY BARRIER**

Lot Description Roadway

Quantity **300 linear foot**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

**Qty 300**

**Description**

FDOT PAY ITEM No. 0104 11. FLOATING TURBIDITY BARRIER

Item **PNC2119323B1--01-21 - Roadway: SOIL TRACKING PREVENTION DEVICE**

Lot Description Roadway

Quantity **8 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**



[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 8

**Description**

FDOT PAY ITEM No. 0104 15. SOIL TRACKING PREVENTION DEVICE

**Item** PNC2119323B1--01-22 - Roadway: INLET PROTECTION SYSTEM.**Lot Description** Roadway**Quantity** 200 each**Unit Price** **Delivery Location** Broward County Board of County Commissioners[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 200

**Description**

FDOT PAY ITEM No. 0104 18. INLET PROTECTION SYSTEM.

**Item** PNC2119323B1--01-23 - Roadway: LITTER REMOVAL AND DISPOSAL.**Lot Description** Roadway**Quantity** 20 acre**Unit Price** **Delivery Location** Broward County Board of County Commissioners[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 20

**Description**

FDOT PAY ITEM No. 0107 1. LITTER REMOVAL AND DISPOSAL.

**Item** PNC2119323B1--01-24 - Roadway: MOWING, TRIMMING, EDGING, WEEDING**Lot Description** Roadway**Quantity** 20 acre**Unit Price** **Delivery Location** Broward County Board of County Commissioners[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 20

**Description**

FDOT PAY ITEM No. 0107 2. MOWING, TRIMMING, EDGING, WEEDING

**Item** PNC2119323B1--01-25 - Roadway: CLEARING AND GRUBBING (PUSH BUTTON CONTRACT).**Lot Description** Roadway**Quantity** 15 acre

Unit Price Delivery Location **Broward County Board of County Commissioners**[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 15

**Description**

FDOT PAY ITEM No. 0110 2 1. CLEARING AND GRUBBING (PUSH BUTTON CONTRACT).

Item **PNC2119323B1--01-26 - Roadway: REMOVAL OF EXISTING CONCRETE PAVEMENT.**

Lot Description Roadway

Quantity **6000 square yard**Unit Price Delivery Location **Broward County Board of County Commissioners**[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 6000

**Description**

FDOT PAY ITEM No. 0110 4 10. REMOVAL OF EXISTING CONCRETE PAVEMENT.

Item **PNC2119323B1--01-27 - Roadway: REGULAR EXCAVATION.**

Lot Description Roadway

Quantity **15000 cubic yard**Unit Price Delivery Location **Broward County Board of County Commissioners**[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 15000

**Description**

FDOT PAY ITEM No. 0120 1. REGULAR EXCAVATION.

Item **PNC2119323B1--01-28 - Roadway: SUBSOIL EXCAVATION**

Lot Description Roadway

Quantity **5000 cubic yard**Unit Price Delivery Location **Broward County Board of County Commissioners**[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 5000

**Description**

FDOT PAY ITEM No. 0120 4. SUBSOIL EXCAVATION

Item **PNC2119323B1--01-29 - Roadway: CHANNEL EXCAVATION**

Lot Description Roadway  
Quantity 2000 cubic yard  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 2000

**Description**

FDOT PAY ITEM No. 0120 5. CHANNEL EXCAVATION

Item **PNC2119323B1--01-30 - Roadway: EMBANKMENT**  
Lot Description Roadway  
Quantity 10000 cubic yard  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 10000

**Description**

FDOT PAY ITEM No. 0120 6. EMBANKMENT

Item **PNC2119323B1--01-31 - Roadway: FLOWABLE FILL.**  
Lot Description Roadway  
Quantity 500 cubic yard  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 500

**Description**

FDOT PAY ITEM No. 0121 70 A. FLOWABLE FILL.

Item **PNC2119323B1--01-32 - Roadway: TYPE B STABILIZATION.**  
Lot Description Roadway  
Quantity 15000 square yard  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 15000

**Description**

FDOT PAY ITEM No. 0160 4. TYPE B STABILIZATION.

Item **PNC2119323B1--01-33 - Roadway: PREPARED SOIL LAYER, FINISH SOIL LAYER, 6 INCH**  
Lot Description Roadway  
Quantity **1000 square yard**  
Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

**Qty** 1000

**Description**

FDOT PAY ITEM No. 0162 1 11, PREPARED SOIL LAYER, FINISH SOIL LAYER, 6 INCH

Item **PNC2119323B1--01-34 - Roadway: OPTIONAL BASE GROUP 05**  
Lot Description Roadway  
Quantity **500 square yard**  
Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

**Qty** 500

**Description**

FDOT PAY ITEM No. 0285705. OPTIONAL BASE, BASE GROUP 05

Item **PNC2119323B1--01-35 - Roadway: OPTIONAL BASE GROUP 06**  
Lot Description Roadway  
Quantity **1000 square yard**  
Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

**Qty** 1000

**Description**

FDOT PAY ITEM No. 0285706. OPTIONAL BASE, BASE GROUP 06

Item **PNC2119323B1--01-36 - Roadway: OPTIONAL BASE BASE GROUP 09.**  
Lot Description Roadway  
Quantity **5000 square yard**  
Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

**Qty** 5000

**Description**

FDOT PAY ITEM No. 0285709. OPTIONAL BASE, BASE GROUP 09

Item	<b>PNC2119323B1--01-37 - Roadway: OPTIONAL BASE BASE GROUP 15, ASPHALT BASE ONLY</b>
Lot Description	Roadway
Quantity	<b>1000 square yard</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	<b>Qty 1000</b>

**Description**

FDOT PAY ITEM No. 0285715. OPTIONAL BASE, BASE GROUP 15, ASPHALT BASE ONLY

Item	<b>PNC2119323B1--01-38 - Roadway: TURNOUT CONSTRUCTION.</b>
Lot Description	Roadway
Quantity	<b>200 square yard</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	<b>Qty 200</b>

**Description**

FDOT PAY ITEM No. 0286 1. TURNOUT CONSTRUCTION.

Item	<b>PNC2119323B1--01-39 - Roadway: TURNOUT CONSTRUCTION, ASPHALT.</b>
Lot Description	Roadway
Quantity	<b>200 ton</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	<b>Qty 200</b>

**Description**

FDOT PAY ITEM No. 0286 2. TURNOUT CONSTRUCTION, ASPHALT.

Item	<b>PNC2119323B1--01-40 - Roadway: MILLING EXISTING ASPHALT PAVEMENT, ONE INCH AVERAGE DEPTH</b>
Lot Description	Roadway
Quantity	<b>20000 square yard</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 20000

**Description**

FDOT PAY ITEM No. 0327 70 1. ONE INCH AVERAGE DEPTH.

**Item** PNC2119323B1--01-41 - Roadway: MILLING EXISTING ASPHALT PAVEMENT, TWO INCH AVERAGE DEPTH**Lot Description** Roadway**Quantity** 1000 square yard**Unit Price** **Delivery Location** Broward County Board of County Commissioners[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 1000

**Description**

FDOT PAY ITEM No. 0327 70 5. TWO INCH AVERAGE DEPTH

**Item** PNC2119323B1--01-42 - Roadway: MILLING EXISTING ASPHALT PAVEMENT, ONE AND HALF INCH AVERAGE DEPTH**Lot Description** Roadway**Quantity** 1000 square yard**Unit Price** **Delivery Location** Broward County Board of County Commissioners[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 1000

**Description**

FDOT PAY ITEM No. 0327 70 6. ONE AND HALF INCH AVERAGE DEPTH

**Item** PNC2119323B1--01-43 - Roadway: SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC C**Lot Description** Roadway**Quantity** 5000 ton**Unit Price** **Delivery Location** Broward County Board of County Commissioners[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 5000

**Description**

FDOT PAY ITEM No. 0334 1 13. TRAFFIC C.

**Item** PNC2119323B1--01-44 - Roadway: SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC C, PG 76 22

Lot Description Roadway  
Quantity 7500 ton  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 7500

**Description**

FDOT PAY ITEM No. 0334 1 53. TRAFFIC C, PG76 22

Item **PNC2119323B1--01-45 - Roadway: ASPHALTIC CONCRETE FRICTION COURSE, FC 9.5, PG 76 22**  
Lot Description Roadway  
Quantity 7500 ton  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 7500

**Description**

FDOT PAY ITEM No. 0337 7 82. TRAFFIC C, FC 9.5, PG 76 22

Item **PNC2119323B1--01-46 - Roadway: MISCELLANEOUS ASPHALT PAVEMENT.**  
Lot Description Roadway  
Quantity 500 ton  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 500

**Description**

FDOT PAY ITEM No. 0339 1. MISCELLANEOUS ASPHALT PAVEMENT

Item **PNC2119323B1--01-47 - Roadway: CLEANING AND SEALING JOINTS.**  
Lot Description Roadway  
Quantity 100 linear foot  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 100

**Description**

FDOT PAY ITEM No. 0350 5. CLEANING AND SEALING JOINTS.

---

Item	<b>PNC2119323B1--01-48 - Roadway: CONCRETE PAVEMENT FOR ROUNDABOUT APRON, 12 INCH DEPTH</b>
Lot Description	Roadway
Quantity	<b>300 square yard</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	<b>Qty 300</b>

**Description**

FDOT PAY ITEM # 350-3-13. CONCRETE PAVEMENT FOR ROUNDABOUT APRON, 12 INCH DEPTH

---

Item	<b>PNC2119323B1--01-49 - Roadway: CONCRETE CLASS NS, GRAVITY WALL</b>
Lot Description	Roadway
Quantity	<b>75 cubic yard</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	<b>Qty 75</b>

**Description**

FDOT PAY ITEM No. 0400 0 11, GRAVITY WALL

---

Item	<b>PNC2119323B1--01-50 - Roadway: CLASS I CONCRETE, ENDWALLS</b>
Lot Description	Roadway
Quantity	<b>30 cubic yard</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	<b>Qty 30</b>

**Description**

FDOT PAY ITEM No. 0400 1 2. ENDWALLS

---

Item	<b>PNC2119323B1--01-51 - Roadway: INLETS, CURB, TYPE 9, &lt; 10 FEET.</b>
Lot Description	Roadway
Quantity	<b>2 each</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A



N/A FL 33301

Qty 2

**Description**

FDOT PAY ITEM No. 0425 1201. INLETS, CURB, TYPE 9, &lt; 10 FEET.

**Item** PNC2119323B1--01-52 - Roadway: INLETS, CURB, TYPE 9, > 10 FEET.**Lot Description** Roadway**Quantity** 2 each**Unit Price** **Delivery Location** Broward County Board of County Commissioners[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 2

**Description**

FDOT PAY ITEM No. 0425 1202. INLETS, CURB, TYPE 9, &gt; 10 FEET.

**Item** PNC2119323B1--01-53 - Roadway: INLETS, CURB, TYPE P 2, < 10 FEET.**Lot Description** Roadway**Quantity** 2 each**Unit Price** **Delivery Location** Broward County Board of County Commissioners[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 2

**Description**

FDOT PAY ITEM No. 0425 1321. INLETS, CURB, TYPE P 2, &lt; 10 FEET.

**Item** PNC2119323B1--01-54 - Roadway: INLETS, CURB, TYPE P 2, > 10 FEET.**Lot Description** Roadway**Quantity** 2 each**Unit Price** **Delivery Location** Broward County Board of County Commissioners[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 2

**Description**

FDOT PAY ITEM No. 0425 1322. INLETS, CURB, TYPE P 2, &gt; 10 FEET.

**Item** PNC2119323B1--01-55 - Roadway: INLETS, CURB, TYPE P 3, < 10 FEET.**Lot Description** Roadway**Quantity** 5 each**Unit Price**

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 5

**Description**

FDOT PAY ITEM No. 0425 1331. INLETS, CURB, TYPE P 3, < 10 FEET.

Item **PNC2119323B1--01-56 - Roadway: INLETS, CURB, TYPE P 3, > 10 FEET.**

Lot Description Roadway

Quantity **2 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 2

**Description**

FDOT PAY ITEM No. 0425 1332. INLETS, CURB, TYPE P 3, > 10 FEET.

Item **PNC2119323B1--01-57 - Roadway: INLETS, CURB, TYPE P 3, PARTIAL.**

Lot Description Roadway

Quantity **5 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 5

**Description**

FDOT PAY ITEM No. 0425 1335. INLETS, CURB, TYPE P 3, PARTIAL.

Item **PNC2119323B1--01-58 - Roadway: INLETS, CURB, TYPE P 5, < 10 FEET.**

Lot Description Roadway

Quantity **15 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 15

**Description**

FDOT PAY ITEM No. 0425 1351. INLETS, CURB, TYPE P 5, < 10 FEET.

Item **PNC2119323B1--01-59 - Roadway: INLETS, CURB, TYPE P 5, > 10 FEET**

Lot Description Roadway

Quantity **2 each**  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 2

**Description**

FDOT PAY ITEM No. 0425 1352. INLETS, CURB, TYPE P 5, &gt; 10 FEET

Item **PNC2119323B1--01-60 - Roadway: INLETS, CURB, TYPE P 5, PARTIAL.**  
Lot Description **Roadway**  
Quantity **5 each**  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 5

**Description**

FDOT PAY ITEM No. 0425 1355. INLETS, CURB, TYPE P 5, PARTIAL.

Item **PNC2119323B1--01-61 - Roadway: INLETS, CURB, TYPE P 6, < 10 FEET.**  
Lot Description **Roadway**  
Quantity **15 each**  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 15

**Description**

FDOT PAY ITEM No. 0425 1361. INLETS, CURB, TYPE P 6, &lt; 10 FEET.

Item **PNC2119323B1--01-62 - Roadway: INLETS, CURB, TYPE P 6, > 10 FEET**  
Lot Description **Roadway**  
Quantity **2 each**  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 2

**Description**

FDOT PAY ITEM No. 0425 1362. INLETS, CURB, TYPE P 6, &gt; 10 FEET

Item **PNC2119323B1--01-63 - Roadway: INLETS, CURB, TYPE P 6, PARTIAL.**

Lot Description Roadway

Quantity **5 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 5

**Description**

FDOT PAY ITEM No. 0425 1365. INLETS, CURB, TYPE P 6, PARTIAL.

Item **PNC2119323B1--01-64 - Roadway: INLETS, DITCH BOTTOM, TYPE C,< 10 FEET.**

Lot Description Roadway

Quantity **15 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 15

**Description**

FDOT PAY ITEM No. 0425 1521. INLETS, DITCH BOTTOM, TYPE C,< 10 FEET.

Item **PNC2119323B1--01-65 - Roadway: INLETS, DITCH BOTTOM, TYPE C,> 10 FEET**

Lot Description Roadway

Quantity **2 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 2

**Description**

FDOT PAY ITEM No. 0425 1522. INLETS, DITCH BOTTOM, TYPE C,> 10 FEET

Item **PNC2119323B1--01-66 - Roadway: INLETS, DITCH BOTTOM, TYPE C, PARTIAL.**

Lot Description Roadway

Quantity **10 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 10

**Description**

FDOT PAY ITEM No. 0425 1525. INLETS, DITCH BOTTOM, TYPE C, PARTIAL.

Item	<b>PNC2119323B1--01-67 - Roadway: INLETS, DITCH BOTTOM, TYPE C MODIFIED, BACK OF SIDEWALK, &lt; 10 FEET.</b>
Lot Description	Roadway
Quantity	5 each
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	Qty 5

**Description**

FDOT PAY ITEM No. 0425 1531. INLETS, DITCH BOTTOM, TYPE C MODIFIED, BACK OF SIDEWALK, &lt; 10 FEET.

Item	<b>PNC2119323B1--01-68 - Roadway: INLETS, DITCH BOTTOM, TYPE D, &lt; 10 FEET.</b>
Lot Description	Roadway
Quantity	5 each
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	Qty 5

**Description**

FDOT PAY ITEM No. 0425 1541. INLETS, DITCH BOTTOM, TYPE D, &lt; 10 FEET.

Item	<b>PNC2119323B1--01-69 - Roadway: INLETS, DITCH BOTTOM, TYPE D, &gt; 10 FEET</b>
Lot Description	Roadway
Quantity	2 each
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	Qty 2

**Description**

FDOT PAY ITEM No. 0425 1542. INLETS, DITCH BOTTOM, TYPE D, &gt; 10 FEET

Item	<b>PNC2119323B1--01-70 - Roadway: INLETS, DITCH BOTTOM, TYPE E, &lt; 10 FEET</b>
Lot Description	Roadway
Quantity	2 each
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>

N/A  
N/A FL 33301  
Qty 2

**Description**

FDOT PAY ITEM No. 0425 1551. INLETS, DITCH BOTTOM, TYPE E, &lt; 10 FEET

Item **PNC2119323B1--01-71 - Roadway: INLETS, DITCH BOTTOM,TYPE E, J BOTTOM < 10 FEET**

Lot Description Roadway

Quantity **2 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 2

**Description**

FDOT PAY ITEM No. 0425 1553. INLETS, DITCH BOTTOM,TYPE E, J BOTTOM &lt; 10 FEET

Item **PNC2119323B1--01-72 - Roadway: INLETS, DITCH BOTTOM,TYPE E, J BOTTOM > 10 FEET**

Lot Description Roadway

Quantity **2 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 2

**Description**

FDOT PAY ITEM No. 0425 1554. INLETS, DITCH BOTTOM,TYPE E, J BOTTOM &gt; 10 FEET

Item **PNC2119323B1--01-73 - Roadway: INLETS, GUTTER, TYPE S, J BOTTOM, < 10 FEET**

Lot Description Roadway

Quantity **2 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 2

**Description**

FDOT PAY ITEM No. 0425 1703. INLETS, GUTTER, TYPE S, J BOTTOM, &lt; 10 FEET

Item **PNC2119323B1--01-74 - Roadway: INLETS, GUTTER, TYPE S, PARTIAL**

Lot Description Roadway

Quantity **2 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 2

**Description**

FDOT PAY ITEM No. 0425 1705. INLETS, GUTTER, TYPE S, PARTIAL

Item **PNC2119323B1--01-75 - Roadway: INLETS, GUTTER, TYPE V, < 10 FEET**

Lot Description Roadway

Quantity **2 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 2

**Description**

FDOT PAY ITEM No. 0425 1711. INLETS, GUTTER, TYPE V, < 10 FEET

Item **PNC2119323B1--01-76 - Roadway: INLETS, GUTTER, TYPE V, PARTIAL**

Lot Description Roadway

Quantity **2 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 2

**Description**

FDOT PAY ITEM No. 0425 1715. INLETS, GUTTER, TYPE V, PARTIAL

Item **PNC2119323B1--01-77 - Roadway: INLETS, SPECIAL, < 10 FEET**

Lot Description Roadway

Quantity **2 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 2

**Description**

FDOT PAY ITEM No. 0425 1901. INLETS, SPECIAL, < 10 FEET

Item **PNC2119323B1--01-78 - Roadway: INLETS, CLOSED FLUME.**

Lot Description Roadway

Quantity 10 each

Unit Price Delivery Location **Broward County Board of County Commissioners**[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 10

**Description**

FDOT PAY ITEM No. 0425 1910. INLETS, CLOSED FLUME.

Item **PNC2119323B1--01-79 - Roadway: MANHOLES, P 7, < 10 FEET.**

Lot Description Roadway

Quantity 12 each

Unit Price Delivery Location **Broward County Board of County Commissioners**[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 12

**Description**

FDOT PAY ITEM No. 0425 2 41. MANHOLES, P 7, &lt; 10 FEET.

Item **PNC2119323B1--01-80 - Roadway: MANHOLES, P 7, > 10 FEET.**

Lot Description Roadway

Quantity 5 each

Unit Price Delivery Location **Broward County Board of County Commissioners**[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 5

**Description**

FDOT PAY ITEM No. 0425 2 42. MANHOLES, P 7, &gt; 10 FEET.

Item **PNC2119323B1--01-81 - Roadway: MANHOLES, P 7, PARTIAL**

Lot Description Roadway

Quantity 5 each

Unit Price Delivery Location **Broward County Board of County Commissioners**[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 5

**Description**

FDOT PAY ITEM No. 0425 2 43. MANHOLES, P 7, PARTIAL



Item **PNC2119323B1--01-82 - Roadway: MANHOLES, P 8, < 10 FEET.**  
Lot Description Roadway  
Quantity **5 each**  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 5

**Description**

FDOT PAY ITEM No. 0425 2 61. MANHOLES, P 8, &lt; 10 FEET.

Item **PNC2119323B1--01-83 - Roadway: MANHOLES, P 8, PARTIAL**  
Lot Description Roadway  
Quantity **5 each**  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 5

**Description**

FDOT PAY ITEM No. 0425 2 63. MANHOLES, P 8, PARTIAL

Item **PNC2119323B1--01-84 - Roadway: MANHOLES, J 7, < 10 FEET.**  
Lot Description Roadway  
Quantity **5 each**  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 5

**Description**

FDOT PAY ITEM No. 0425 2 71. MANHOLES, J 7, &lt; 10 FEET.

Item **PNC2119323B1--01-85 - Roadway: MANHOLES, J 7, PARTIAL**  
Lot Description Roadway  
Quantity **5 each**  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 5

**Description**

FDOT PAY ITEM No. 0425 2 73. MANHOLES, J 7, PARTIAL

Item	<b>PNC2119323B1--01-86 - Roadway: JUNCTION BOX, DRAINAGE, P 7, &lt; 10 FEET.</b>
Lot Description	Roadway
Quantity	<b>5 each</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	<b>Qty 5</b>

**Description**

FDOT PAY ITEM No. 0425 3 41. JUNCTION BOX, DRAINAGE, P 7, &lt; 10 FEET.

Item	<b>PNC2119323B1--01-87 - Roadway: JUNCTION BOX, DRAINAGE, P 7, PARTIAL.</b>
Lot Description	Roadway
Quantity	<b>2 each</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	<b>Qty 2</b>

**Description**

FDOT PAY ITEM No. 0425 3 43. JUNCTION BOX, DRAINAGE, P 7, PARTIAL.

Item	<b>PNC2119323B1--01-88 - Roadway: JUNCTION BOX, DRAINAGE, J 7, &lt; 10 FEET.</b>
Lot Description	Roadway
Quantity	<b>2 each</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	<b>Qty 2</b>

**Description**

FDOT PAY ITEM No. 0425 3 61. JUNCTION BOX, DRAINAGE, J 7, &lt; 10 FEET.

Item	<b>PNC2119323B1--01-89 - Roadway: JUNCTION BOX, DRAINAGE, J 7, PARTIAL.</b>
Lot Description	Roadway
Quantity	<b>2 each</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A

N/A FL 33301

Qty 2

**Description**

FDOT PAY ITEM No. 0425 3 63. JUNCTION BOX, DRAINAGE, J 7, PARTIAL.

**Item** PNC2119323B1--01-90 - Roadway: INLETS, ADJUST**Lot Description** Roadway**Quantity** 20 each**Unit Price** **Delivery Location** Broward County Board of County Commissioners[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 20

**Description**

FDOT PAY ITEM No. 0425 4. INLETS, ADJUST

**Item** PNC2119323B1--01-91 - Roadway: MANHOLE, ADJUST, UTILITIES**Lot Description** Roadway**Quantity** 20 each**Unit Price** **Delivery Location** Broward County Board of County Commissioners[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 20

**Description**

FDOT PAY ITEM No. 0425 5 1. MANHOLE, ADJUST, UTILITIES

**Item** PNC2119323B1--01-92 - Roadway: MANHOLE, ADJUST**Lot Description** Roadway**Quantity** 50 each**Unit Price** **Delivery Location** Broward County Board of County Commissioners[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 50

**Description**

FDOT PAY ITEM No. 0425 5. MANHOLE, ADJUST

**Item** PNC2119323B1--01-93 - Roadway: ADJUST VALVE BOX**Lot Description** Roadway**Quantity** 50 each**Unit Price**

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 50

**Description**

FDOT PAY ITEM No. 0425 6. ADJUST VALVE BOX

Item **PNC2119323B1--01-94 - Roadway: MODIFY EXISTING DRAINAGE STRUCTURE**

Lot Description Roadway

Quantity **20 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 20

**Description**

FDOT PAY ITEM No. 0425 11. MODIFY EXISTING DRAINAGE STRUCTURE

Item **PNC2119323B1--01-95 - Roadway: MANHOLES AND INLETS CLEANING AND SEALING, < OR = 10 FEET**

Lot Description Roadway

Quantity **20 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 20

**Description**

FDOT PAY ITEM No. 0425 74 1. MANHOLES AND INLETS CLEANING AND SEALING, < OR = 10 FEET

Item **PNC2119323B1--01-96 - Roadway: MANHOLES AND INLETS CLEANING AND SEALING, > 10 FEET**

Lot Description Roadway

Quantity **10 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 10

**Description**

FDOT PAY ITEM No. 0425 74 2. MANHOLES AND INLETS CLEANING AND SEALING, > 10 FEET

Item **PNC2119323B1--01-97 - Roadway: REPLACE GRATE OR MANHOLE LID**  
Lot Description Roadway  
Quantity **5 each**  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 5

**Description**

FDOT PAY ITEM No. 0425 82. REPLACE INLET GRATE OR MANHOLE LID

Item **PNC2119323B1--01-98 - Roadway: DESILTING PIPE 0 - 24 INCH DIAMETER**  
Lot Description Roadway  
Quantity **2000 linear foot**  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 2000

**Description**

FDOT PAY ITEM 0430 94 1. DESILTING PIPE, 0 - 24 INCH DIAMETER

Item **PNC2119323B1--01-99 - Roadway: DESILTING PIPE 25 - 36 INCH DIAMETER**  
Lot Description Roadway  
Quantity **500 linear foot**  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 500

**Description**

FDOT PAY ITEM 0430 94 2. DESILTING PIPE, 25 - 36 INCH DIAMETER

Item **PNC2119323B1--01-100 - Roadway: CONCRETE COLLAR JOINT, 15 INCH TO 24 INCH DIAMETER**  
Lot Description Roadway  
Quantity **5 each**  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 5

**Description**

FDOT PAY ITEM 0430 96 A. CONCRETE COLLAR JOINT, 15 INCH TO 24 INCH DIAMETER, PER FDOT INDEX 430-001

Item	<b>PNC2119323B1--01-101 - Roadway: CONCRETE COLLAR JOINT, 25 INCH TO 48 INCH DIAMETER</b>
Lot Description	Roadway
Quantity	<b>5 each</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	<b>Qty 5</b>

**Description**

FDOT PAY ITEM 0430 96 A. CONCRETE COLLAR JOINT, 25 INCH TO 48 INCH DIAMETER, PER FDOT INDEX 430-001

Item	<b>PNC2119323B1--01-102 - Roadway: PIPE CULVERT, REINFORCED CONCRETE PIPE MATERIAL (RCP), ROUND, 15 INCH SIDE DRAIN</b>
Lot Description	Roadway
Quantity	<b>50 linear foot</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	<b>Qty 50</b>

**Description**

FDOT PAY ITEM No. 0430 174 115. FURNISH AND INSTALL PIPE CULVERT, REINFORCED CONCRETE PIPE MATERIAL (RCP), ROUND, 15 INCH SIDE DRAIN (SD).

Item	<b>PNC2119323B1--01-103 - Roadway: PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 15 INCH SIDE DRAIN (SD).</b>
Lot Description	Roadway
Quantity	<b>50 linear foot</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	<b>Qty 50</b>

**Description**

FDOT PAY ITEM No. 0430 174 115. PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 15 INCH SIDE DRAIN (SD). The material is to be selected by the Contract Administrator or designee on a project by project basis for any bid item where the pipe material is optional. This bid item will not be used to select REINFORCED CONCRETE PIPE MATERIAL(RCP).

Item	<b>PNC2119323B1--01-104 - Roadway: PIPE CULVERT, REINFORCED CONCRETE PIPE MATERIAL (RCP), ROUND, 18 INCH SIDE DRAIN</b>
------	---

Lot Description Roadway  
Quantity 50 linear foot  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 50

**Description**

FDOT PAY ITEM No. 0430 174 118. FURNISH AND INSTALL PIPE CULVERT, REINFORCED CONCRETE PIPE MATERIAL (RCP), ROUND, 18 INCH SIDE DRAIN (SD).

Item **PNC2119323B1--01-105 - Roadway: PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 18 INCH SIDE DRAIN (SD).**  
Lot Description Roadway  
Quantity 50 linear foot  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 50

**Description**

FDOT PAY ITEM No. 0430 174 118. PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 18 INCH SIDE DRAIN (SD). The material is to be selected by the Contract Administrator or designee on a project by project basis for any bid item where the pipe material is optional. This bid item will not be used to select REINFORCED CONCRETE PIPE MATERIAL (RCP).

Item **PNC2119323B1--01-106 - Roadway: PIPE CULVERT, REINFORCED CONCRETE PIPE MATERIAL (RCP), ROUND, 24 INCH SIDE DRAIN**  
Lot Description Roadway  
Quantity 50 linear foot  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 50

**Description**

FDOT PAY ITEM No. 0430 174 124. FURNISH AND INSTALL PIPE CULVERT, REINFORCED CONCRETE PIPE MATERIAL (RCP), ROUND, 24 INCH SIDE DRAIN.

Item **PNC2119323B1--01-107 - Roadway: PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 24 INCH SD.**  
Lot Description Roadway  
Quantity 75 linear foot  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 75

**Description**

FDOT PAY ITEM No. 0430 174 124. PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 24 INCH SD. The material is to be selected by the Contract Administrator or designee on a project by project basis for any bid item where the pipe material is optional. This bid item will not be used to select REINFORCED CONCRETE PIPE MATERIAL (RCP).

Item	<b>PNC2119323B1--01-108 - Roadway: PIPE CULVERT, REINFORCED CONCRETE PIPE MATERIAL (RCP), ROUND, 36 INCH SIDE DRAIN</b>
Lot Description	Roadway
Quantity	75 linear foot
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	Qty 75

**Description**

FDOT PAY ITEM No. 0430 174 136. FURNISH AND INSTALL PIPE CULVERT, REINFORCED CONCRETE PIPE MATERIAL (RCP), ROUND, 36 INCH SIDE DRAIN.

Item	<b>PNC2119323B1--01-109 - Roadway: FDOT PAY ITEM No. 0430 174 136. PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 36 INCH</b>
Lot Description	Roadway
Quantity	75 linear foot
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	Qty 75

**Description**

FDOT PAY ITEM No. 0430 174 136. PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 36 INCH SD. The material is to be selected by the Contract Administrator or designee on a project by project basis for any bid item where the pipe material is optional. This bid item will not be used to select REINFORCED CONCRETE PIPE MATERIAL (RCP).

Item	<b>PNC2119323B1--01-110 - Roadway: PIPE CULVERT, REINFORCED CONCRETE PIPE MATERIAL (RCP), ROUND, 15 INCH STORM AND</b>
Lot Description	Roadway
Quantity	500 linear foot
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	Qty 500



**Description**

FDOT PAY ITEM No. 0430 175 115. FURNISH AND INSTALL PIPE CULVERT, REINFORCED CONCRETE PIPE MATERIAL (RCP), ROUND, 15 INCH STORM AND CROSS DRAIN.

Item	<b>PNC2119323B1--01-111 - Roadway: PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 15 INCH S/CD.</b>
Lot Description	Roadway
Quantity	<b>500 linear foot</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	<b>Qty 500</b>

**Description**

FDOT PAY ITEM No. 0430 175 115. PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 15 INCH S/CD. The material is to be selected by the Contract Administrator or designee on a project by project basis for any bid item where the pipe material is optional. This bid item will not be used to select REINFORCED CONCRETE PIPE MATERIAL (RCP).

Item	<b>PNC2119323B1--01-112 - Roadway: PIPE CULVERT, REINFORCED CONCRETE PIPE MATERIAL (RCP), ROUND, 18 INCH STORM AND</b>
Lot Description	Roadway
Quantity	<b>1000 linear foot</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	<b>Qty 1000</b>

**Description**

FDOT PAY ITEM No. 0430 175 118. FURNISH AND INSTALL PIPE CULVERT, REINFORCED CONCRETE PIPE MATERIAL (RCP), ROUND, 18 INCH STORM AND CROSS DRAIN.

Item	<b>PNC2119323B1--01-113 - Roadway: PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 18 INCH S/CD.</b>
Lot Description	Roadway
Quantity	<b>500 linear foot</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	<b>Qty 500</b>

**Description**

FDOT PAY ITEM No. 0430 175 118. PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 18 INCH S/CD. The material is to be selected by the Contract Administrator or designee on a project by project basis for any bid item where the pipe material is optional. This bid item will not be used to select REINFORCED CONCRETE PIPE MATERIAL (RCP).

Item	<b>PNC2119323B1--01-114 - Roadway: PIPE CULVERT, REINFORCED CONCRETE PIPE MATERIAL (RCP), ROUND, 24 INCH STORM AND</b>		
Lot Description	Roadway		
Quantity	<b>1000 linear foot</b>		
Unit Price	<input type="text"/>		
Delivery Location	<b>Broward County Board of County Commissioners</b>		
	<a href="#">Refer to Specifications and Requirements</a>		
	N/A		
	N/A FL 33301		
	<b>Qty 1000</b>		

**Description**

FDOT PAY ITEM No. 0430 175 124. FURNISH AND INSTALL PIPE CULVERT, REINFORCED CONCRETE PIPE MATERIAL (RCP), ROUND, 24 INCH STORM AND CROSS DRAIN.

Item	<b>PNC2119323B1--01-115 - Roadway: PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 24 INCH S/CD.</b>		
Lot Description	Roadway		
Quantity	<b>500 linear foot</b>		
Unit Price	<input type="text"/>		
Delivery Location	<b>Broward County Board of County Commissioners</b>		
	<a href="#">Refer to Specifications and Requirements</a>		
	N/A		
	N/A FL 33301		
	<b>Qty 500</b>		

**Description**

FDOT PAY ITEM No. 0430 175 124. PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 24 INCH S/CD. The material is to be selected by the Contract Administrator or designee on a project by project basis for any bid item where the pipe material is optional. This bid item will not be used to select REINFORCED CONCRETE PIPE MATERIAL (RCP).

Item	<b>PNC2119323B1--01-116 - Roadway: PIPE CULVERT, REINFORCED CONCRETE PIPE MATERIAL (RCP), ROUND, 36 INCH STORM AND</b>		
Lot Description	Roadway		
Quantity	<b>500 linear foot</b>		
Unit Price	<input type="text"/>		
Delivery Location	<b>Broward County Board of County Commissioners</b>		
	<a href="#">Refer to Specifications and Requirements</a>		
	N/A		
	N/A FL 33301		
	<b>Qty 500</b>		

**Description**

FDOT PAY ITEM No. 0430 175 136. FURNISH AND INSTALL PIPE CULVERT, REINFORCED CONCRETE PIPE MATERIAL (RCP), ROUND, 36 INCH STORM AND CROSS DRAIN.

Item	<b>PNC2119323B1--01-117 - Roadway: PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 36 INCH S/CD.</b>		
Lot Description	Roadway		
Quantity	<b>200 linear foot</b>		

Unit Price Delivery Location **Broward County Board of County Commissioners**[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 200

**Description**

FDOT PAY ITEM No. 0430 175 136. PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 36 INCH S/CD. The material is to be selected by the Contract Administrator or designee on a project by project basis for any bid item where the pipe material is optional. This bid item will not be used to select REINFORCED CONCRETE PIPE MATERIAL (RCP).

Item **PNC2119323B1--01-118 - Roadway: PIPE CULVERT RCP MATERIAL ONLY, ROUND, 42 INCH, 48 INCH**

Lot Description Roadway

Quantity **500 linear foot**Unit Price Delivery Location **Broward County Board of County Commissioners**[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 500

**Description**

FDOT PAY ITEM 0430 173 142 OR 0430 173 148: PIPE CULVERT RCP MATERIAL ONLY, ROUND, 42 INCH, 48 INCH

Item **PNC2119323B1--01-119 - Roadway: PIPE CULVERT, OPTIONAL MATERIAL, OTHER SHAPE - ELLIP/ARCH, 15, 18 SD**

Lot Description Roadway

Quantity **75 linear foot**Unit Price Delivery Location **Broward County Board of County Commissioners**[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 75

**Description**

FDOT PAY ITEM 0430 174 215 OR 430 174 218: PIPE CULVERT, OPTIONAL MATERIAL, OTHER SHAPE - ELLIP/ARCH, 15, 18 SD

Item **PNC2119323B1--01-120 - Roadway: PIPE CULVERT, RCP MATERIAL ONLY, OTHER SHAPE - ELLIP/ARCH, 15 INCH, 18 INCH SD**

Lot Description Roadway

Quantity **300 linear foot**Unit Price Delivery Location **Broward County Board of County Commissioners**[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 300

**Description**

FDOT PAY ITEM 0430 174 215 OR 430 174 218: PIPE CULVERT, RCP MATERIAL ONLY, OTHER SHAPE - ELLIP/ARCH, 15 INCH, 18 INCH SD

Item	<b>PNC2119323B1--01-121 - Roadway: PIPE FILLING AND PLUGGING- PLACE OUT OF SERVICE</b>
Lot Description	Roadway
Quantity	<b>300 cubic yard</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<u>Refer to Specifications and Requirements</u>
	N/A
	N/A FL 33301
	<b>Qty 300</b>

**Description**

FDOT PAY ITEM 0430 830. PIPE FILLING AND PLUGGING- PLACE OUT OF SERVICE

Lot Description	Roadway
Quantity	<b>500 cubic yard</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<u>Refer to Specifications and Requirements</u>
	N/A
	N/A FL 33301
	<b>Qty 500</b>

**Description**

FDOT PAY ITEM No. 0430 950. DESILTING CONCRETE BOX CULVERT. Payment is for the VOLUME OF SILT removed, based on the length and width of the box culvert, and the average DEPTH OF SILT to be removed.

Item	<b>PNC2119323B1--01-123 - Roadway: MITERED END SECTION, OPTIONAL/RCP ROUND, 12 INCH, 15 INCH,18 INCH, 24 INCH CD</b>
Lot Description	Roadway
Quantity	<b>5 each</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<u>Refer to Specifications and Requirements</u>
	N/A
	N/A FL 33301
	<b>Qty 5</b>

**Description**

FDOT PAY ITEM No. 0430 982 121, 430 982 123, 430 982 125 OR 430 982 129. MITERED END SECTION, OPTIONAL/RCP ROUND, 12 INCH, 15 INCH,18 INCH, 24 INCH CD

Item	<b>PNC2119323B1--01-124 - Roadway: PIPE LINER, OPTIONAL MATERIAL, 0-24 PIPE</b>
Lot Description	Roadway
Quantity	<b>1000 linear foot</b>
Unit Price	<input type="text"/>

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 1000

**Description**

FDOT PAY ITEM No. 0431 1 1. PIPE LINER, OPTIONAL MATERIAL, 0-24 PIPE

Item **PNC2119323B1--01-125 - Roadway: PIPE LINER, OPTIONAL MATERIAL, 25-36 INCH PIPE**

Lot Description Roadway

Quantity **100 linear foot**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 100

**Description**

FDOT PAY ITEM No. 0431 1 2. PIPE LINER, OPTIONAL MATERIAL, 25-36 INCH PIPE

Item **PNC2119323B1--01-126 - Roadway: STORM SEWER INSPECTION (VIDEO CAMERA), 0-24 INCH PIPE**

Lot Description Roadway

Quantity **1000 linear foot**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 1000

**Description**

FDOT PAY ITEM No. E432 4. STORM SEWER INSPECTION (VIDEO CAMERA), 0-24 INCH PIPE

Item **PNC2119323B1--01-127 - Roadway: STORM SEWER INSPECTION (VIDEO CAMERA), 25-36 INCH PIPE**

Lot Description Roadway

Quantity **1000 linear foot**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 1000

**Description**

FDOT PAY ITEM No. E432 4. STORM SEWER INSPECTION (VIDEO CAMERA), 25-36 INCH PIPE

Item **PNC2119323B1--01-128 - Roadway: FRENCH DRAIN 18 INCH**  
Lot Description Roadway  
Quantity **1000 linear foot**  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 1000

**Description**

FDOT PAY ITEM No. 0443 70 3. FRENCH DRAIN, 18 INCH.

Item **PNC2119323B1--01-129 - Roadway: FRENCH DRAIN 24 INCH**  
Lot Description Roadway  
Quantity **1000 linear foot**  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 1000

**Description**

FDOT PAY ITEM No. 0443 70 4. FRENCH DRAIN, 24 INCH.

Item **PNC2119323B1--01-130 - Roadway: FRENCH DRAIN 30 INCH**  
Lot Description Roadway  
Quantity **1000 linear foot**  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 1000

**Description**

FDOT PAY ITEM No. 0443 70 5. FRENCH DRAIN, 30 INCH.

Item **PNC2119323B1--01-131 - Roadway: FRENCH DRAIN 36 INCH**  
Lot Description Roadway  
Quantity **200 linear foot**  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 200

**Description**

FDOT PAY ITEM No. 0443 70 6. FRENCH DRAIN, 36 INCH.

**Item** PNC2119323B1--01-132 - Roadway: DRILLED SHAFT CASING**Lot Description** Roadway**Quantity** 50 linear foot**Unit Price** **Delivery Location** Broward County Board of County Commissioners[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 50

**Description**

FDOT PAY ITEM Nos: 0455 107 3, 0455 107 4, 0455 107 5, 0455 107 6 AND 0455 107 8. DRILLED SHAFT CASING, 36 TO 60 INCH DIAMETER. Intended on drilled shaft projects when plans require permanent casing method to be used. Permanent casing is an add on cost to the drilled shaft cost when required. Show locations and depths in drilled shaft data table.

**Item** PNC2119323B1--01-133 - Roadway: SHEET PILING, STEEL TEMPORARY-CRITICAL**Lot Description** Roadway**Quantity** 100 square foot**Unit Price** **Delivery Location** Broward County Board of County Commissioners[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 100

**Description**

FDOT PAY ITEM No. 455 133 2. SHEET PILING, STEEL TEMPORARY-CRITICAL

**Item** PNC2119323B1--01-134 - Roadway: PIPE HANDRAIL, ALUMINUM GUIDERAIL**Lot Description** Roadway**Quantity** 100 linear foot**Unit Price** **Delivery Location** Broward County Board of County Commissioners[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 100

**Description**

FDOT PAY ITEM No. 0515 1 2. PIPE HANDRAIL, GUIDERAIL, ALUMINUM.

**Item** PNC2119323B1--01-135 - Roadway: PEDESTRIAN / BICYCLE RAILING, STEEL, 42 INCH TYPE 1**Lot Description** Roadway**Quantity** 100 linear foot**Unit Price** **Delivery Location** Broward County Board of County Commissioners

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 100

**Description**

FDOT PAY ITEM No. 0515 2 211. PEDESTRIAN / BICYCLE RAILING, STEEL, 42 INCH TYPE 1

**Item** PNC2119323B1--01-136 - Roadway: CONCRETE CURB AND GUTTER, TYPE E**Lot Description** Roadway**Quantity** 100 linear foot**Unit Price** **Delivery Location** Broward County Board of County Commissioners[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 100

**Description**

FDOT PAY ITEM No. 0520 1 7. CONCRETE CURB AND GUTTER, TYPE E

**Item** PNC2119323B1--01-137 - Roadway: CONCRETE CURB AND GUTTER, TYPE F**Lot Description** Roadway**Quantity** 3000 linear foot**Unit Price** **Delivery Location** Broward County Board of County Commissioners[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 3000

**Description**

FDOT PAY ITEM No. 0520 1 10. CONCRETE CURB AND GUTTER, TYPE F

**Item** PNC2119323B1--01-138 - Roadway: CONCRETE CURB, TYPE D.**Lot Description** Roadway**Quantity** 1000 linear foot**Unit Price** **Delivery Location** Broward County Board of County Commissioners[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 1000

**Description**

FDOT PAY ITEM No. 0520 2 4. CONCRETE CURB, TYPE D.

**Item** PNC2119323B1--01-139 - Roadway: CONCRETE CURB, TYPE RA.**Lot Description** Roadway**Quantity** 500 linear foot



Unit Price Delivery Location **Broward County Board of County Commissioners**[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 500

**Description**

FDOT PAY ITEM No. 0520 2 8. CONCRETE CURB, TYPE RA.

Item **PNC2119323B1--01-140 - Roadway: CONCRETE VALLEY GUTTER**

Lot Description Roadway

Quantity **500 linear foot**Unit Price Delivery Location **Broward County Board of County Commissioners**[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 500

**Description**

FDOT PAY ITEM No. 0520 2 3. CONCRETE VALLEY GUTTER

Item **PNC2119323B1--01-141 - Roadway: TRAFFIC SEPARATOR CONCRETE, TYPE IV, 4 FEET WIDE.**

Lot Description Roadway

Quantity **2000 linear foot**Unit Price Delivery Location **Broward County Board of County Commissioners**[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 2000

**Description**

FDOT PAY ITEM No. 0520 5 41. TRAFFIC SEPARATOR CONCRETE, TYPE IV, 4 FEET WIDE.

Item **PNC2119323B1--01-142 - Roadway: CONCRETE TRAFFIC SEPARATOR, SPECIAL, VARIABLE WIDTH.**

Lot Description Roadway

Quantity **200 square yard**Unit Price Delivery Location **Broward County Board of County Commissioners**[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 200

**Description**

FDOT PAY ITEM No. 0520 70. CONCRETE TRAFFIC SEPARATOR, SPECIAL, VARIABLE WIDTH.

Item **PNC2119323B1--01-143 - Roadway: CONCRETE SIDEWALK AND DRIVEWAY, 6 INCH THICK**  
Lot Description Roadway  
Quantity **15000 square yard**  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 15000

**Description**

FDOT PAY ITEM No. 0522 2. Includes all materials, foundation preparation, joint forming (or sawing), placing, finishing and curing. Excludes removal of existing concrete and ramp construction. Ramp construction will be handled by the bid item for curb ramp including detectable warnings.

Item **PNC2119323B1--01-144 - Roadway: PATTERNED PAVEMENT, VEHICULAR AREAS**  
Lot Description Roadway  
Quantity **500 square yard**  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 500

**Description**

FDOT PAY ITEM No. 0523 1. PATTERNED PAVEMENT, VEHICULAR AREAS.

Item **PNC2119323B1--01-145 - Roadway: PATTERNED PAVEMENT, VEHICULAR AREAS, GREEN BIKE LANE - PREFORMED THERMOPLASTIC O**  
Lot Description Roadway  
Quantity **300 square yard**  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 300

**Description**

FDOT PAY ITEM No. 0523 1 3. VEHICULAR AREAS, GREEN BIKE LANE PREFORMED THERMOPLASTIC ONLY

Item **PNC2119323B1--01-146 - Roadway: ARCHITECTURAL PAVERS, ROADWAY**  
Lot Description Roadway  
Quantity **50 square yard**  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301

Qty 50

**Description**

FDOT PAY ITEM No. 0526 1 1. PAVERS, ARCHITECTURAL, ROADWAY.

---

Item	<b>PNC2119323B1--01-147 - Roadway: ARCHITECTURAL PAVERS, SIDEWALK</b>
Lot Description	Roadway
Quantity	<b>50 square yard</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	<b>Qty 50</b>

**Description**

FDOT PAY ITEM No. 0526 1 2. PAVERS, ARCHITECTURAL, SIDEWALK.

---

Item	<b>PNC2119323B1--01-148 - Roadway: CURB RAMPS INCLUDING DETECTABLE WARNINGS SURFACE</b>
Lot Description	Roadway
Quantity	<b>10000 square foot</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	<b>Qty 10000</b>

**Description**

FDOT PAY ITEM No. 0527 2. Includes complete construction of FDOT Standard curb ramps and Detectable Warning Surfaces as depicted in FDOT Standard Index/Plans (latest addition) with 6 inch thick concrete. The complete construction includes all concrete work, ramp slopes, and embedded ADA detectable warning surfaces. Detectable warning surfaces shall be BC approved and be comprised of rigid plates or tiles (mat types not permitted). Refer to FDOT Standards and Specifications Section 527. Reconstruction of impacted curbing, curb transitions, and/or curb & gutter within limits of ramp shall be included within the price of pay item. Removal or pre-existing sidewalk and/or curbing as identified per plan shall be paid for separately with Pay Item No. 0110 4 10.

---

Item	<b>PNC2119323B1--01-149 - Roadway: RIP-RAP, SAND-CEMENT</b>
Lot Description	Roadway
Quantity	<b>50 cubic yard</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	<b>Qty 50</b>

**Description**

FDOT PAY ITEM No. 0530 1. RIPRAP, SAND-CEMENT

---

Item	<b>PNC2119323B1--01-150 - Roadway: RIPRAP, RUBBLE , DITCH LINING</b>
------	--

Lot Description Roadway  
Quantity 100 ton  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 100

**Description**

FDOT PAY ITEM No. 0530 3 4. RIPRAP, RUBBLE , DITCH LINING

Item **PNC2119323B1--01-151 - Roadway: BEDDING STONE**  
Lot Description Roadway  
Quantity 100 ton  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 100

**Description**

FDOT PAY ITEM No. 0530 74. BEDDING STONE

Item **PNC2119323B1--01-152 - Roadway: GUARDRAIL, ROADWAY, GENERAL TL-3**  
Lot Description Roadway  
Quantity 1500 linear foot  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 1500

**Description**

FDOT PAY ITEM No. 0536 1 1. GUARDRAIL, ROADWAY, GENERAL TL 3. Consists of the construction of metal guardrail on posts of timber or steel. The cost of connecting the guardrail to the bridge railing is included in the cost of the guardrail. Object markers used for facing reverse laning traffic are included in the cost of the guardrail.

Item **PNC2119323B1--01-153 - Roadway: GUARDRAIL-SHOP, BENT PANELS**  
Lot Description Roadway  
Quantity 200 linear foot  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 200

**Description**

FDOT PAY ITEM No. 0536 2. GUARDRAIL-SHOP, BENT PANELS. Consists of the construction of metal guardrail on posts of timber or steel. Object markers used for facing reverse laning traffic are included in the cost of the guardrail.

Item **PNC2119323B1--01-154 - Roadway: GUARDRAIL-RUB RAIL, SINGLE SIDED**  
Lot Description Roadway  
Quantity **200 linear foot**  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 200

**Description**

FDOT PAY ITEM No. 0536 5 1. GUARDRAIL-RUB RAIL, SINGLE SIDED

Item **PNC2119323B1--01-155 - Roadway: PIPE RAIL FOR GUARDRAIL**  
Lot Description Roadway  
Quantity **200 linear foot**  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 200

**Description**

FDOT PAY ITEM No. 0536 6. PIPE RAIL FOR GUARDRAIL

Item **PNC2119323B1--01-156 - Roadway: SPECIAL GUARDRAIL POST**  
Lot Description Roadway  
Quantity **25 each**  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 25

**Description**

FDOT PAY ITEM No. 0536 7. SPECIAL GUARDRAIL POST

Item **PNC2119323B1--01-157 - Roadway: GUARDRAIL-BRIDGE ANCHORAGE ASSEMBLY**  
Lot Description Roadway  
Quantity **4 each**  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)

N/A  
N/A FL 33301  
Qty 4

**Description**

FDOT PAY ITEM No. 0536 8. GUARDRAIL-BRIDGE ANCHORAGE ASSEMBLY

Item **PNC2119323B1--01-158 - Roadway: GUARDRAIL REMOVAL**

Lot Description Roadway

Quantity **300 linear foot**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 300

**Description**

FDOT PAY ITEM No. 0536 73. GUARDRAIL REMOVAL. Payment includes guardrail disposal and/or delivery of salvageable material to the County stock yard.

Item **PNC2119323B1--01-159 - Roadway: GUARDRAIL END ANCHORAGE assembly, END TREATMENT - FLARED**

Lot Description Roadway

Quantity **5 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 5

**Description**

FDOT PAY ITEM No. 0536 85 22. GUARDRAIL END ANCHORAGE assembly,END TREATMENT, FLARED. Includes all necessary hardware as shown in FDOT Standard Index 400.

Item **PNC2119323B1--01-160 - Roadway: GUARDRAIL END ANCHORAGE assembly, END TREATMENT - TYPE II**

Lot Description Roadway

Quantity **5 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 5

**Description**

FDOT PAY ITEM No. 0536 85 25. GUARDRAIL END ANCHORAGE assembly,END TREATMENT, TYPE II. Includes all necessary hardware as shown in Standard Index 400.

Item **PNC2119323B1--01-161 - Roadway: GUARDRAIL END ANCHORAGE assembly, END TREATMENT - TYPE CRT**

Lot Description Roadway

Quantity **5 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
**Qty 5**

**Description**

FDOT PAY ITEM No. 0536 85 26. GUARDRAIL END ANCHORAGE assembly,END TREATMENT, TYPE CRT. Includes all necessary hardware as shown in Standard Index 400.

Item **PNC2119323B1--01-162 - Roadway: GUARDRAIL RESET**

Lot Description Roadway

Quantity **300 linear foot**

Unit Price

Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
**Qty 300**

**Description**

FDOT PAY ITEM No. 0538 1. GUARDRAIL RESET

Item **PNC2119323B1--01-163 - Roadway: FENCING, TYPE B, 0.0-8.0, STANDARD**

Lot Description Roadway

Quantity **100 linear foot**

Unit Price

Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
**Qty 100**

**Description**

FDOT PAY ITEM No. 0550 10 210 OR 0550 10 220. FENCING, TYPE B, 0.0-8.0, STANDARD

Item **PNC2119323B1--01-164 - Roadway: FENCING, TYPE B, 0-8.0, W/ VINYL COATING**

Lot Description Roadway

Quantity **100 linear foot**

Unit Price

Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
**Qty 100**

**Description**

FDOT PAY ITEM No. 0550 10 232 OR 0550 10 242. FENCING, TYPE B, 0-8.0, W/ VINYL COATING

Item **PNC2119323B1--01-165 - Roadway: FENCING, TYPE B, RESET EXISTING**

Lot Description Roadway

Quantity **100 linear foot**

Unit Price

Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 100

**Description**

FDOT PAY ITEM No. 0550 10 218 OR 0550 10 228. FENCING, TYPE B, RESET EXISTING

Item **PNC2119323B1--01-166 - Roadway: FENCE GATE, TYPE B, SINGLE, 0-6.0 OPENING**

Lot Description Roadway

Quantity **25 linear foot**

Unit Price

Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 25

**Description**

FDOT PAY ITEM 0550 60 211. FENCE GATE, TYPE B, SINGLE, 0-6.0 OPENING

Item **PNC2119323B1--01-167 - Roadway: FENCE GATE, TYPE B, DOUBLE, 6.1-18.0 OPENING**

Lot Description Roadway

Quantity **5 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 5

**Description**

FDOT PAY ITEM No. 0550 60 222 OR 0550 60 223. FENCE GATE, TYPE B, DOUBLE, 6.1-18.0 OPENING

Item **PNC2119323B1--02-01 - Signalization: CONDUIT, OPEN TRENCH, SIX 2 INCH CONDUITS**

Lot Description Signalization

Quantity **1000 linear foot**

Unit Price

Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)



N/A  
N/A FL 33301  
Qty 1000

**Description**

FDOT PAY ITEM No. 0630 2 11. FURNISH AND INSTALL CONDUIT, OPEN TRENCH, SIX 2 INCH CONDUITS. High density polyethylene standard dimension ratio (HDPE SDR) 11 or Schedule 40 PVC. Includes No. 12 AWG Pull Wire or Mule Tape as per plan. Conduits to be used for fiber optics will require a locate wire per FDOT Specification Section 630, 3.9. Surface restoration as defined in FDOT Specification Section 630, 3.6 is included in this pay item. Fiber optic locate wire continuity test and insulation resistance test are to be performed on all locate wires and results are to be provided to the Engineer of the County. Fiber installations will not require route markers per FDOT Specification Section 630, 2.5 under this pay item.

Item	<b>PNC2119323B1--02-02 - Signalization: CONDUIT, OPEN TRENCH, FIVE 2 INCH CONDUITS</b>
Lot Description	Signalization
Quantity	<b>1000 linear foot</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	<b>Qty 1000</b>

**Description**

FDOT PAY ITEM No. 0630 2 11. FURNISH AND INSTALL CONDUIT, OPEN TRENCH, FIVE 2 INCH CONDUITS. High density polyethylene standard dimension ratio (HDPE SDR) 11 or Schedule 40 PVC. Includes No. 12 AWG Pull Wire or Mule Tape as per plan. Conduits to be used for fiber optics will require a locate wire per FDOT Specification Section 630, 3.9. Surface restoration as defined in FDOT Specification Section 630, 3.6 is included in this pay item. Fiber optic locate wire continuity test and insulation resistance test are to be performed on all locate wires and results are to be provided to the Engineer of the County. Fiber installations will not require route markers per FDOT Specification Section 630, 2.5 under this pay item.

Item	<b>PNC2119323B1--02-03 - Signalization: CONDUIT, OPEN TRENCH, FOUR 2 INCH CONDUITS</b>
Lot Description	Signalization
Quantity	<b>1000 linear foot</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	<b>Qty 1000</b>

**Description**

FDOT PAY ITEM No. 0630 2 11. FURNISH AND INSTALL CONDUIT, OPEN TRENCH, FOUR 2 INCH CONDUITS. High density polyethylene standard dimension ratio (HDPE SDR) 11 or Schedule 40 PVC. Includes No. 12 AWG Pull Wire or Mule Tape as per plan. Conduits to be used for fiber optics will require a locate wire per FDOT Specification Section 630, 3.9. Surface restoration as defined in FDOT Specification Section 630, 3.6 is included in this pay item. Fiber optic locate wire continuity test and insulation resistance test are to be performed on all locate wires and results are to be provided to the Engineer of the County. Fiber installations will not require route markers per FDOT Specification Section 630, 2.5 under this pay item.

Item	<b>PNC2119323B1--02-04 - Signalization: CONDUIT, OPEN TRENCH, THREE 2 INCH CONDUITS.</b>
Lot Description	Signalization
Quantity	<b>10000 linear foot</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 10000

**Description**

FDOT PAY ITEM No. 0630 2 11. FURNISH AND INSTALL CONDUIT, OPEN TRENCH, THREE 2 INCH CONDUITS. High density polyethylene standard dimension ratio (HDPE SDR) 11 or Schedule 40 PVC. Includes No. 12 AWG Pull Wire or Mule Tape as per plan. Conduits to be used for fiber optics will require a locate wire per FDOT Specification Section 630, 3.9. Surface restoration as defined in FDOT Specification Section 630, 3.6 is included in this pay item. Fiber optic locate wire continuity test and insulation resistance test are to be performed on all locate wires and results are to be provided to the Engineer of the County. Fiber installations will not require route markers per FDOT Specification Section 630, 2.5 under this pay item.

Item	<b>PNC2119323B1--02-05 - Signalization: CONDUIT, OPEN TRENCH, TWO 2 INCH CONDUITS</b>
Lot Description	Signalization
Quantity	<b>2000 linear foot</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	<b>Qty 2000</b>

**Description**

FDOT PAY ITEM No. 0630 2 11. FURNISH AND INSTALL CONDUIT, OPEN TRENCH, TWO 2 INCH CONDUITS. High density polyethylene standard dimension ratio (HDPE SDR) 11 or Schedule 40 PVC. Includes No. 12 AWG Pull Wire or Mule Tape as per plan. Conduits to be used for fiber optics will require a locate wire per FDOT Specification Section 630, 3.9. Surface restoration as defined in FDOT Specification Section 630, 3.6 is included in this pay item. Fiber optic locate wire continuity test and insulation resistance test are to be performed on all locate wires and results are to be provided to the Engineer of the County. Fiber installations will not require route markers per FDOT Specification Section 630, 2.5 under this pay item.

Item	<b>PNC2119323B1--02-06 - Signalization: CONDUIT, OPEN TRENCH, ONE 2 INCH CONDUIT</b>
Lot Description	Signalization
Quantity	<b>2000 linear foot</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	<b>Qty 2000</b>

**Description**

FDOT PAY ITEM No. 0630 2 11. FURNISH AND INSTALL CONDUIT, OPEN TRENCH, ONE 2 INCH CONDUIT. High density polyethylene standard dimension ratio (HDPE SDR) 11 or Schedule 40 PVC. Includes No. 12 AWG Pull Wire or Mule Tape as per plan. Conduits to be used for fiber optics will require a locate wire per FDOT Specification Section 630, 3.9. Surface restoration as defined in FDOT Specification Section 630, 3.6 is included in this pay item. Fiber optic locate wire continuity test and insulation resistance test are to be performed on all locate wires and results are to be provided to the Engineer of the County. Fiber installations will not require route markers per FDOT Specification Section 630, 2.5 under this pay item.

Item	<b>PNC2119323B1--02-07 - Signalization: CONDUIT, DIRECTIONAL BORE, SIX 2 INCH CONDUITS</b>
Lot Description	Signalization
Quantity	<b>1000 linear foot</b>
Unit Price	<input type="text"/>

**Delivery Location** **Broward County Board of County Commissioners**[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

**Qty** 1000**Description**

FDOT PAY ITEM No. 0630 2 12. FURNISH AND INSTALL CONDUIT, DIRECTIONAL BORE, SIX 2 INCH CONDUITS. High density polyethylene standard dimension ratio (HDPE SDR) 11. Includes No. 12 AWG Pull Wire or Mule Tape as per plan. Conduits to be used for fiber optics will require a locate wire per FDOT Specification Section 630, 3.9. Documentation Requirements in FDOT Specifications Section 555 5 are included in the cost of this pay item. Surface restoration as defined in FDOT Specification Section 630, 3.6 is included in this pay item. Fiber optic locate wire continuity test and insulation resistance test are to be performed on all locate wires and results are to be provided to the Engineer of thge County. Fiber installations will not require route markers per FDOT Specification Section 630, 2.5 under this pay item.

**Item** **PNC2119323B1--02-08 - Signalization: CONDUIT, DIRECTIONAL BORE, FIVE 2 INCH CONDUITS****Lot Description** Signalization**Quantity** 1000 linear foot**Unit Price** **Delivery Location** **Broward County Board of County Commissioners**[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

**Qty** 1000**Description**

FDOT PAY ITEM No. 0630 2 12. FURNISH AND INSTALL CONDUIT, DIRECTIONAL BORE, FIVE 2 INCH CONDUITS. High density polyethylene standard dimension ratio (HDPE SDR) 11. Includes No. 12 AWG Pull Wire or Mule Tape as per plan. Conduits to be used for fiber optics will require a locate wire per FDOT Specification Section 630, 3.9. Documentation Requirements in FDOT Specifications Section 555 5 are included in the cost of this pay item. Surface restoration as defined in FDOT Specification Section 630, 3.6 is included in this pay item. Fiber optic locate wire continuity test and insulation resistance test are to be performed on all locate wires and results are to be provided to the Engineer of thge County. Fiber installations will not require route markers per FDOT Specification Section 630, 2.5 under this pay item.

**Item** **PNC2119323B1--02-09 - Signalization: CONDUIT, DIRECTIONAL BORE, FOUR 2 INCH CONDUITS****Lot Description** Signalization**Quantity** 1000 linear foot**Unit Price** **Delivery Location** **Broward County Board of County Commissioners**[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

**Qty** 1000**Description**

FDOT PAY ITEM No. 0630 2 12. FURNISH AND INSTALL CONDUIT, DIRECTIONAL BORE, FOUR 2 INCH CONDUITS. High density polyethylene standard dimension ratio (HDPE SDR) 11. Includes No. 12 AWG Pull Wire or Mule Tape as per plan. Conduits to be used for fiber optics will require a locate wire per FDOT Specification Section 630, 3.9. Documentation Requirements in FDOT Specifications Section 555 5 are included in the cost of this pay item. Surface restoration as defined in FDOT Specification Section 630, 3.6 is included in this pay item. Fiber optic locate wire continuity test and insulation resistance test are to be performed on all locate wires and results are to be provided to the Engineer of thge County. Fiber installations will not require route markers per FDOT Specification Section 630, 2.5 under this pay item.

Item	<b>PNC2119323B1--02-10 - Signalization: CONDUIT, DIRECTIONAL BORE, THREE 2 INCH CONDUITS</b>		
Lot Description	Signalization		
Quantity	<b>7500 linear foot</b>		
Unit Price	<input type="text"/>		
Delivery Location	<b>Broward County Board of County Commissioners</b>		
	<a href="#">Refer to Specifications and Requirements</a>		
	N/A		
	N/A FL 33301		
	<b>Qty 7500</b>		

**Description**

FDOT PAY ITEM No. 0630 2 12. FURNISH AND INSTALL CONDUIT, DIRECTIONAL BORE, THREE 2 INCH CONDUITS. High density polyethylene standard dimension ratio (HDPE SDR) 11. Includes No. 12 AWG Pull Wire or Mule Tape as per plan. Conduits to be used for fiber optics will require a locate wire per FDOT Specification Section 630, 3.9. Documentation Requirements in FDOT Specifications Section 555 5 are included in the cost of this pay item. Surface restoration as defined in FDOT Specification Section 630, 3.6 is included in this pay item. Fiber optic locate wire continuity test and insulation resistance test are to be performed on all locate wires and results are to be provided to the Engineer of thge County. Fiber installations will not require route markers per FDOT Specification Section 630, 2.5 under this pay item.

Item	<b>PNC2119323B1--02-11 - Signalization: CONDUIT, DIRECTIONAL BORE, TWO 2 INCH CONDUITS</b>		
Lot Description	Signalization		
Quantity	<b>1000 linear foot</b>		
Unit Price	<input type="text"/>		
Delivery Location	<b>Broward County Board of County Commissioners</b>		
	<a href="#">Refer to Specifications and Requirements</a>		
	N/A		
	N/A FL 33301		
	<b>Qty 1000</b>		

**Description**

FDOT PAY ITEM No. 0630 2 12. FURNISH AND INSTALL CONDUIT, DIRECTIONAL BORE, TWO 2 INCH CONDUITS. High density polyethylene standard dimension ratio (HDPE SDR) 11. Includes No. 12 AWG Pull Wire or Mule Tape as per plan. Conduits to be used for fiber optics will require a locate wire per FDOT Specification Section 630, 3.9. Documentation Requirements in FDOT Specifications Section 555 5 are included in the cost of this pay item. Surface restoration as defined in FDOT Specification Section 630, 3.6 is included in this pay item. Fiber optic locate wire continuity test and insulation resistance test are to be performed on all locate wires and results are to be provided to the Engineer of thge County. Fiber installations will not require route markers per FDOT Specification Section 630, 2.5 under this pay item.

Item	<b>PNC2119323B1--02-12 - Signalization: CONDUIT, DIRECTIONAL BORE, ONE 2 INCH CONDUIT</b>		
Lot Description	Signalization		
Quantity	<b>500 linear foot</b>		
Unit Price	<input type="text"/>		
Delivery Location	<b>Broward County Board of County Commissioners</b>		
	<a href="#">Refer to Specifications and Requirements</a>		
	N/A		
	N/A FL 33301		
	<b>Qty 500</b>		

**Description**

FDOT PAY ITEM No. 0630 2 12. FURNISH AND INSTALL CONDUIT, DIRECTIONAL BORE, ONE 2 INCH CONDUIT. High density polyethylene standard dimension ratio (HDPE SDR) 11. Includes No. 12 AWG Pull Wire or Mule Tape as per plan. Conduits to be used

for fiber optics will require a locate wire per FDOT Specification Section 630, 3.9. Documentation Requirements in FDOT Specifications Section 555 5 are included in the cost of this pay item. Surface restoration as defined in FDOT Specification Section 630, 3.6 is included in this pay item. Fiber optic locate wire continuity test and insulation resistance test are to be performed on all locate wires and results are to be provided to the Engineer of the County. Fiber installations will not require route markers per FDOT Specification Section 630, 2.5 under this pay item.

Item	<b>PNC2119323B1--02-13 - Signalization: CONDUIT, ABOVEGROUND, ONE 2 INCH CONDUIT, RIGID GALVINIZED METAL</b>
Lot Description	Signalization
Quantity	<b>100 linear foot</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	<b>Qty 100</b>

**Description**

FDOT PAY ITEM No. 0630 2 14. FURNISH AND INSTALL CONDUIT, ABOVEGROUND, ONE 2 INCH CONDUIT (RIGID GALVINIZED METAL).

Item	<b>PNC2119323B1--02-14 - Signalization: CONDUIT, BRIDGE MOUNT, ONE 2 INCH CONDUIT, RIGID GALVINIZED METAL</b>
Lot Description	Signalization
Quantity	<b>100 linear foot</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	<b>Qty 100</b>

**Description**

FDOT PAY ITEM No. 0630 2 15. FURNISH AND INSTALL BRIDGE MOUNT CONDUIT, ONE 2 INCH CONDUIT (RIGID GALVINIZED METAL).

Item	<b>PNC2119323B1--02-15 - Signalization: CONDUIT, BRIDGE MOUNT, ONE 4 INCH CONDUIT, BULLET RESISTANT FIBERGLASS</b>
Lot Description	Signalization
Quantity	<b>200 linear foot</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	<b>Qty 200</b>

**Description**

FDOT PAY ITEM No. 0630 2 15. FURNISH AND INSTALL BRIDGE MOUNT CONDUIT, ONE 4 INCH CONDUIT (BULLET RESISTANT FIBERGLASS).

Item **PNC2119323B1--02-16 - Signalization: CONDUIT, REMOVE BRIDGE MOUNT CONDUIT**  
Lot Description Signalization  
Quantity **200 linear foot**  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 200

**Description**

FDOT PAY ITEM No. 0630 2 65. REMOVE BRIDGE MOUNT CONDUIT. Aboveground conduit will be incidental to pole or equipment removal. Below ground conduit removal will be incidental to clearing and grubbing.

Item **PNC2119323B1--02-17 - Signalization: SIGNAL CABLE, NEW OR RECONSTRUCTED INTERSECTION**  
Lot Description Signalization  
Quantity **10 per intersection**  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 10

**Description**

FDOT PAY ITEM No. 0632 7 1. FURNISH AND INSTALL SIGNAL CABLE, NEW OR RECONSTRUCTED INTERSECTION. Depending on the application, the Engineer of Record will determine if either FDOT PAY ITEM No. 0632 7 1 OR 0632 7 2 will be used. Price is per intersection.

Item **PNC2119323B1--02-18 - Signalization: SIGNAL CABLE, SIGNAL CABLE, REPAIR, REPLACE, OTHER**  
Lot Description Signalization  
Quantity **5000 linear foot**  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 5000

**Description**

FDOT PAY ITEM No. 0632 7 2. FURNISH AND INSTALL SIGNAL CABLE, REPAIR, REPLACE, OTHER. Depending on the application, the Engineer of Record will determine if either FDOT PAY ITEM No. 0632 7 1 OR 0632 7 2 will be used.

Item **PNC2119323B1--02-19 - Signalization: SIGNAL CABLE, REMOVE, INTERSECTION**  
Lot Description Signalization  
Quantity **5 per intersection**  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 5

**Description**

FDOT PAY ITEM No. 0632 7 6. SIGNAL CABLE, REMOVE, INTERSECTION. Dispose of materials. Price is per intersection.

**Item** PNC2119323B1--02-20 - Signalization: SIGNAL CABLE, OUTSIDE OF INTERSECTION**Lot Description** Signalization**Quantity** 15000 linear foot**Unit Price** **Delivery Location** Broward County Board of County Commissioners[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 15000

**Description**

FDOT PAY ITEM No. 0632 7 7. SIGNAL CABLE, REMOVE, OUTSIDE OF INTERSECTION. Dispose of materials.

**Item** PNC2119323B1--02-21 - Signalization: FIBER OPTIC CABLE, OVERHEAD, 49-96 FIBERS, ARMORED CASING**Lot Description** Signalization**Quantity** 1000 linear foot**Unit Price** **Delivery Location** Broward County Board of County Commissioners[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 1000

**Description**

FDOT PAY ITEM No. 0633 1113. FURNISH AND INSTALL OVERHEAD, 49-96 FIBERS. Armored Casing, installation testing in accordance with FDOT Section 633 3.1.8 is included in the cost of this pay item.

**Item** PNC2119323B1--02-22 - Signalization: FIBER OPTIC CABLE, UNDERGROUND, 12 FIBERS, ARMORED CASING**Lot Description** Signalization**Quantity** 1000 linear foot**Unit Price** **Delivery Location** Broward County Board of County Commissioners[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 1000

**Description**

FDOT PAY ITEM No. 0633 1121. FURNISH AND INSTALL UNDERGROUND, 12 FIBERS. Armored Casing, installation testing in accordance with FDOT Section 633 3.1.8 is included in the cost of this pay item.

Item **PNC2119323B1--02-23 - Signalization: FIBER OPTIC CABLE, UNDERGROUND, 12 FIBERS**  
Lot Description Signalization  
Quantity **6000 linear foot**  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 6000

**Description**

FDOT PAY ITEM No. 0633 1121. FURNISH AND INSTALL UNDERGROUND, 12 FIBERS. Installation testing in accordance with FDOT Section 633 3.1.8 is included in the cost of this pay item.

Item **PNC2119323B1--02-24 - Signalization: FIBER OPTIC CABLE, UNDERGROUND, 96 FIBERS, ARMORED CASING**  
Lot Description Signalization  
Quantity **10000 linear foot**  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 10000

**Description**

FDOT PAY ITEM No. 0633 1123.FURNISH AND INSTALL UNDERGROUND, 96 FIBERS. Armored Casing, installation testing in accordance with FDOT Section 633 3.1.8 is included in the cost of this pay item.

Item **PNC2119323B1--02-25 - Signalization: FIBER OPTIC CABLE, UNDERGROUND, 144 FIBERS, ARMORED CASING**  
Lot Description Signalization  
Quantity **6000 linear foot**  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 6000

**Description**

FDOT PAY ITEM No. 0633 1124.FURNISH AND INSTALL UNDERGROUND, 144 FIBERS. Armored Casing, installation testing in accordance with FDOT Section 633 3.1.8 is included in the cost of this pay item.

Item **PNC2119323B1--02-26 - Signalization: FIBER OPTIC CABLE, REMOVE, UNDERGROUND**  
Lot Description Signalization  
Quantity **1500 linear foot**  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)



N/A  
N/A FL 33301  
Qty 1500

**Description**

FDOT PAY ITEM No. 0633 1620. REMOVE, UNDERGROUND. Payment is for the length of cable, regardless of the number of fibers.

Item **PNC2119323B1--02-27 - Signalization: FIBER OPTIC CONNECTION, SPLICE**

Lot Description Signalization

Quantity **100 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 100

**Description**

FDOT PAY ITEM No. 0633 2 31. INSTALL, SPLICE

Item **PNC2119323B1--02-28 - Signalization: FIBER OPTIC CONNECTION HARDWARE, SPLICE ENCLOSURE. SEALED BUTT-STYLE CLOSURE**

Lot Description Signalization

Quantity **40 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 40

**Description**

FDOT PAY ITEM No. 0633 3 11. FURNISH AND INSTALL, SPLICE ENCLOSURE. Sealed butt-style closure, allows both end to end and mid line drop splicing. Minimum 96 count splicing capacity. Telcordia GR 771 rated/tested or equal. Provide space for future expansion equal to 100 percent of installed cable.

Item **PNC2119323B1--02-29 - Signalization: FIBER OPTIC CONNECTION HARDWARE, SPLICE TRAY**

Lot Description Signalization

Quantity **100 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 100

**Description**

FDOT PAY ITEM No. 0633 3 12. FURNISH AND INSTALL, SPLICE TRAY.

Item **PNC2119323B1--02-30 - Signalization: FIBER OPTIC CONNECTION HARDWARE, PATCH PANEL, FIELD TERMINATED**

Lot Description      Signalization  
Quantity            30 each  
Unit Price             
Delivery Location   **Broward County Board of County Commissioners**  
                            [Refer to Specifications and Requirements](#)  
                            N/A  
                            N/A FL 33301  
                            Qty 30

**Description**

FDOT PAY ITEM No. 0633 3 16. FURNISH AND INSTALL, PATCH PANEL, FIELD TERMINATED - (Corning SPH-01P, 12 F, Wall-Mt Enclosure, Single Panel Housing, P/N: 313351 with Corning CCH-CP06-3C, 6 Port Panel, SC Loaded, SM, P/N: 227053). Assembly to include Pre-terminated SC Connector Assemblies (Pigtails) to be installed using fusion splicing.

Item                    **PNC2119323B1--02-31 - Signalization: FIBER OPTIC CONNECTION HARDWARE, SPLICE ENCLOSURE**  
Lot Description      Signalization  
Quantity            15 each  
Unit Price             
Delivery Location   **Broward County Board of County Commissioners**  
                            [Refer to Specifications and Requirements](#)  
                            N/A  
                            N/A FL 33301  
                            Qty 15

**Description**

FDOT PAY ITEM No. 0633 3 31. INSTALL, SPLICE ENCLOSURE.

Item                    **PNC2119323B1--02-32 - Signalization: SIGNALS COMMUNICATION CABLE, TWISTED PAIR CABLE.**  
Lot Description      Signalization  
Quantity            3000 linear foot  
Unit Price             
Delivery Location   **Broward County Board of County Commissioners**  
                            [Refer to Specifications and Requirements](#)  
                            N/A  
                            N/A FL 33301  
                            Qty 3000

**Description**

FDOT PAY ITEM No. 0633 4 6. REMOVE. No additional payment is made for multiple cables in the same conduit(s) run or the number of twisted pairs.

Item                    **PNC2119323B1--02-33 - Signalization: SPAN WIRE ASSEMBLY, REMOVE, POLES TO REMAIN**  
Lot Description      Signalization  
Quantity            4 per intersection  
Unit Price             
Delivery Location   **Broward County Board of County Commissioners**  
                            [Refer to Specifications and Requirements](#)  
                            N/A

N/A FL 33301

Qty 4

**Description**

FDOT PAY ITEM No. 0634 4600. REMOVE, POLES REMAIN. Remove assembly, poles to remain, and removal of individual signal heads shall be paid by separate pay item; return signal heads and mounting hardware to BCTED, dispose of other materials. Price is per intersection.

Item	<b>PNC2119323B1--02-34 - Signalization: PULL AND SPLICE BOX, 13 INCH x 24 INCH, TIER 22</b>
Lot Description	Signalization
Quantity	<b>50 each</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	<b>Qty 50</b>

**Description**

FDOT PAY ITEM No. 0635 2 11. FURNISH AND INSTALL, 13 INCH x 24 INCH COVER SIZE. Tier 22 pull box and lid, complete with 6 inch deep, 3,000 p.s.i. concrete apron, drainage rock, grounding and incidentals, with lid marked according to plans issued by County with purchase order.

Item	<b>PNC2119323B1--02-35 - Signalization: PULL AND SPLICE BOX, 24 INCH x 36 INCH x 30 INCH DEEP, TIER 22</b>
Lot Description	Signalization
Quantity	<b>15 each</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	<b>Qty 15</b>

**Description**

FDOT PAY ITEM No. 0635 2 12. FURNISH AND INSTALL, 24 INCH X 36 INCH COVER SIZE. 30 inch depth, Tier 22 pull box and lid, complete with 6 inch deep 3,000 p.s.i. concrete apron, drainage rock, grounding and incidentals, with lid marked according to plans issued by County with purchase order.

Item	<b>PNC2119323B1--02-36 - Signalization: PULL AND SPLICE BOX, 24 INCH x 36 INCH x 36 INCH DEEP, TIER 22</b>
Lot Description	Signalization
Quantity	<b>50 each</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	<b>Qty 50</b>

**Description**

FDOT PAY ITEM No. 0635 2 12. FURNISH AND INSTALL, 24 INCH X 36 INCH COVER SIZE. 36 inch depth, Tier 22 pull box and lid, complete with 6 inch deep 3,000 p.s.i. concrete apron, drainage rock, grounding and incidentals, with lid marked according to plans

issued by County with purchase order.

Item	<b>PNC2119323B1--02-37 - Signalization: PULL AND SPLICE BOX, 30 INCH x 48 INCH, TIER 22</b>
Lot Description	Signalization
Quantity	<b>25 each</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	<b>Qty 25</b>

**Description**

FDOT PAY ITEM No. 0635 2 13. FURNISH AND INSTALL, 30 INCH x 48 INCH, RECTANGULAR. With two part lid, with 30 inch or 36 inch depth, Tier 22 pull box and lid, type of box will be specified in plans, complete with 6 inch deep 3,000 p.s.i. concrete apron, drainage rock, grounding and incidentals, with lid marked according to plans issued by County with purchase order.

Item	<b>PNC2119323B1--02-38 - Signalization: PULL AND SPLICE BOX, 30 INCH x 60 INCH, TIER 22</b>
Lot Description	Signalization
Quantity	<b>15 each</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	<b>Qty 15</b>

**Description**

FDOT PAY ITEM No. 0635 2 13. FURNISH AND INSTALL, 30 INCH x 60 INCH RECTANGULAR. With two part lid, with 30 inch or 36 inch depth, Tier 22 pull box and Lid, type of box will be specified in plans, complete with 6 inch deep 3,000 p.s.i. concrete apron, drainage rock, grounding and incidentals, with lid marked according to plans issued by County with purchase order.

Item	<b>PNC2119323B1--02-39 - Signalization: PULL AND SPLICE BOX, 36 INCH ROUND, TIER 22</b>
Lot Description	Signalization
Quantity	<b>1 each</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	<b>Qty 1</b>

**Description**

FDOT PAY ITEM No. 0635 2 13. FURNISH AND INSTALL, 36 INCH ROUND. With 30 inch or 36 inch depth, Tier 22 pull box and lid, type of box will be specified in plans, complete with 6 inch deep 3,000 p.s.i. concrete apron, drainage rock, grounding and incidentals, with lid marked according to plans issued by County with purchase order.

Item	<b>PNC2119323B1--02-40 - Signalization: PULL AND SPLICE BOX, RELOCATE</b>
Lot Description	Signalization
Quantity	<b>5 each</b>

Unit Price Delivery Location **Broward County Board of County Commissioners**[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 5

**Description**

FDOT PAY ITEM No. 0635 2 40. RELOCATE. The cost for restoring the area of the box removal to the condition of the adjacent area is included in this pay item. This includes the cost of material needed to fill the hole caused by the removal of the pull box. Depending on the type of box, current condition, and the extent of the relocation. Relocation will be considered for existing pull boxes without a concrete apron. This pay item includes the cost for restoring up to two concrete 5 feet x 5 feet concrete flags.

Item **PNC2119323B1--02-41 - Signalization: JUNCTION BOX, FURNISH & INSTALL, MOUNTED**

Lot Description Signalization

Quantity **5 each**Unit Price Delivery Location **Broward County Board of County Commissioners**[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 5

**Description**

FDOT PAY ITEM No. 0635 3 12 JUNCTION BOX, FURNISH & INSTALL, MOUNTED

Item **PNC2119323B1--02-42 - Signalization: ELECTRIC POWER SERVICE, OVERHEAD, METER FURNISHED BY POWER COMPANY**

Lot Description Signalization

Quantity **5 assembly**Unit Price Delivery Location **Broward County Board of County Commissioners**[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 5

**Description**

FDOT PAY ITEM No. 0639 1111. FURNISH AND INSTALL, OVERHEAD, METER FURNISHED BY POWER COMPANY. Per FDOT Index 17736; complete installation on existing pole: assembly equipment including weather head, aboveground rigid conduit, and miscellaneous conduit. Grounding is incidental to power service.

Item **PNC2119323B1--02-43 - Signalization: ELECTRIC POWER SERVICE, OVERHEAD, METER NOT REQUIRED**

Lot Description Signalization

Quantity **5 assembly**Unit Price Delivery Location **Broward County Board of County Commissioners**[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 5

**Description**

FDOT PAY ITEM No. 0639 1113. FURNISH AND INSTALL, OVERHEAD, METER NOT REQUIRED. Per FDOT Index 17736; complete installation on existing pole: assembly equipment including weather head, aboveground rigid conduit, and miscellaneous conduit. Grounding is incidental to power service.

Item	<b>PNC2119323B1--02-44 - Signalization: ELECTRIC POWER SERVICE, UNDERGROUND, METER FURNISHED BY POWER COMPANY</b>
Lot Description	Signalization
Quantity	5 assembly
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b> <a href="#">Refer to Specifications and Requirements</a> N/A N/A FL 33301 Qty 5

**Description**

FDOT PAY ITEM No. 0639 1121. FURNISH AND INSTALL, UNDERGROUND, METER FURNISHED BY POWER COMPANY. Per FDOT Index 17736; complete installation including assembly equipment, conduit, and sweeps. Grounding is incidental to power service.

Item	<b>PNC2119323B1--02-45 - Signalization: ELECTRIC POWER SERVICE, UNDERGROUND, METER NOT REQUIRED</b>
Lot Description	Signalization
Quantity	5 assembly
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b> <a href="#">Refer to Specifications and Requirements</a> N/A N/A FL 33301 Qty 5

**Description**

FDOT PAY ITEM No. 0639 1123. FURNISH AND INSTALL, UNDERGROUND, METER NOT REQUIRED. Per FDOT Index 17736; complete installation including assembly equipment, conduit, and sweeps. Grounding is incidental to power service.

Item	<b>PNC2119323B1--02-46 - Signalization: ELECTRIC POWER SERVICE, REMOVE OVERHEAD</b>
Lot Description	Signalization
Quantity	5 assembly
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b> <a href="#">Refer to Specifications and Requirements</a> N/A N/A FL 33301 Qty 5

**Description**

FDOT PAY ITEM No. 0639 1610. REMOVE OVERHEAD ELECTRIC POWER SERVICE

Item	<b>PNC2119323B1--02-47 - Signalization: ELECTRIC POWER SERVICE, REMOVE UNDERGROUND</b>
------	--

Lot Description      Signalization  
Quantity            5 assembly  
Unit Price             
Delivery Location   **Broward County Board of County Commissioners**  
                         [Refer to Specifications and Requirements](#)  
                         N/A  
                         N/A FL 33301  
                         Qty 5

**Description**

FDOT PAY ITEM No. 0639 1620. REMOVE UNDERGROUND ELECTRIC POWER SERVICE

Item                    **PNC2119323B1--02-48 - Signalization: ELECTRICAL SERVICE WIRE**  
Lot Description      Signalization  
Quantity            2000 linear foot  
Unit Price             
Delivery Location   **Broward County Board of County Commissioners**  
                         [Refer to Specifications and Requirements](#)  
                         N/A  
                         N/A FL 33301  
                         Qty 2000

**Description**

FDOT PAY ITEM No. 0639 2 1. FURNISH AND INSTALL ELECTRICAL SERVICE WIRE

Item                    **PNC2119323B1--02-49 - Signalization: RELOCATE ELECTRICAL SERVICE WIRE**  
Lot Description      Signalization  
Quantity            1000 linear foot  
Unit Price             
Delivery Location   **Broward County Board of County Commissioners**  
                         [Refer to Specifications and Requirements](#)  
                         N/A  
                         N/A FL 33301  
                         Qty 1000

**Description**

FDOT PAY ITEM No. 0639 2 4. RELOCATE ELECTRICAL SERVICE WIRE

Item                    **PNC2119323B1--02-50 - Signalization: REMOVE ELECTRICAL SERVICE WIRE**  
Lot Description      Signalization  
Quantity            1000 linear foot  
Unit Price             
Delivery Location   **Broward County Board of County Commissioners**  
                         [Refer to Specifications and Requirements](#)  
                         N/A  
                         N/A FL 33301  
                         Qty 1000

**Description**

FDOT PAY ITEM No. 0639 2 6. REMOVE ELECTRICAL SERVICE WIRE

---

Item	<b>PNC2119323B1--02-51 - Signalization: ELECTRICAL SERVICE DISCONNECT.</b>
Lot Description	Signalization
Quantity	<b>2 each</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 2

**Description**

FDOT PAY ITEM No. 0639 3 11. FURNISH AND INSTALL, POLE MOUNT. Per FDOT Index 17736; complete installation on pole; all assembly equipment including breakers/breaker enclosure, aboveground rigid conduit, and miscellaneous conduit.

---

---

Item	<b>PNC2119323B1--02-52 - Signalization: REMOVE ELECTRICAL SERVICE DISCONNECT</b>
Lot Description	Signalization
Quantity	<b>1 each</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 1

**Description**

FDOT PAY ITEM No. 0639 3 60. REMOVE ELECTRICAL SERVICE DISCONNECT, POLE OR CABINET TO REMAIN

---

---

Item	<b>PNC2119323B1--02-53 - Signalization: PRESTRESSED CONCRETE POLE TYPE P-II SERVICE POLE</b>
Lot Description	Signalization
Quantity	<b>20 each</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 20

**Description**

FDOT PAY ITEM No. 0641 2 12. FURNISH AND INSTALL, TYPE P-II SERVICE POLE (12.5 to 16 feet total length), per FDOT Index No. 17725. Item must be on FDOT Approved Products List.

---

---

Item	<b>PNC2119323B1--02-54 - Signalization: COMPLETE POLE REMOVAL, PEDESTAL, SERVICE POLE</b>
Lot Description	Signalization
Quantity	<b>10 each</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>

[Refer to Specifications and Requirements](#)



N/A  
N/A FL 33301  
Qty 10

**Description**

FDOT PAY ITEM No. 0641 2 60. COMPLETE POLE REMOVAL, PEDESTAL, SERVICE POLE. Direct burial and strain poles with concrete foundations. Contractor shall restore area with fill approved by County and that is uniform in density with adjacent ground areas and restore the surface conditions with material matching existing adjacent surroundings, and dispose of pole or return items identified to location specified in plans issued by County with purchase order.

Item	<b>PNC2119323B1--02-55 - Signalization: SHALLOW POLE REMOVAL, POLE 30 FEET AND GREATER</b>
Lot Description	Signalization
Quantity	<b>10 each</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b> <a href="#">Refer to Specifications and Requirements</a> N/A N/A FL 33301 Qty 10

**Description**

FDOT PAY ITEM No. 0641 2 70. SHALLOW POLE REMOVAL, POLE 30 FEET AND GREATER. Direct burial and strain poles with concrete foundations. Contractor shall restore area with fill approved by Broward County that is uniform in density with adjacent ground areas and restore the surface conditions with material matching existing adjacent surroundings. As instructed in the plans issued by County with purchase order, Contractor will either dispose of the pole or deliver the pole to Broward County Highway and Bridge Maintenance Facility (1600 Blount Rd., Pompano Beach) at no additional charge; dispose of removed unwanted material.

Item	<b>PNC2119323B1--02-56 - Signalization: COMPLETE POLE REMOVAL, POLE 30 FEET AND GREATER</b>
Lot Description	Signalization
Quantity	<b>10 each</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b> <a href="#">Refer to Specifications and Requirements</a> N/A N/A FL 33301 Qty 10

**Description**

FDOT PAY ITEM No. 0641 2 80. COMPLETE POLE REMOVAL, POLE 30 FEET AND GREATER. Direct burial and strain poles with concrete foundations. Contractor to remove aboveground portion of pole and attachments, and completely remove underground portion of pole and any attachments from the ground. Contractor shall restore area with fill approved by Broward County that is uniform in density with adjacent ground areas and restore the surface conditions with material matching existing adjacent surroundings; dispose of removed materials and foundation; as instructed in the plans issued by County with purchase order, Contractor will either dispose of the pole or deliver the pole to Broward County Highway and Bridge Maintenance Facility (1600 Blount Rd., Pompano Beach) at no additional charge or dispose of removed unwanted material. This pay item is for poles between 4 to 22 feet below grade.

Item	<b>PNC2119323B1--02-57 - Signalization: 40 FOOT WOOD STRAIN POLE</b>
Lot Description	Signalization
Quantity	<b>5 each</b>
Unit Price	<input type="text"/>

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 5

**Description**

FDOT PAY ITEM No. 0643 140. STRAIN POLE, WOOD, FURNISH AND INSTALL, 40 FEET. This pay item is for traffic control devices, including traffic signals and ITS devices.

Item **PNC2119323B1--02-58 - Signalization: 45 FOOT WOOD STRAIN POLE**

Lot Description Signalization

Quantity **5 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 5

**Description**

FDOT PAY ITEM No. 0643 145. STRAIN POLE, WOOD, FURNISH AND INSTALL, 45 FEET. This pay item is for traffic control devices, including traffic signals and ITS devices.

Item **PNC2119323B1--02-59 - Signalization: REMOVE WOOD STRAIN POLE.**

Lot Description Signalization

Quantity **10 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 10

**Description**

FDOT PAY ITEM No. 0643600. REMOVE. All wood poles are to be removed completely. Payment includes the removal of all attachments. This pay item is for traffic control devices, including traffic signals and ITS devices. Contractor will dispose the pole.

Item **PNC2119323B1--02-60 - Signalization: ALUMINUM SIGNALS POLE, PEDESTAL**

Lot Description Signalization

Quantity **50 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 50

**Description**

FDOT PAY ITEM No. 0646 1 11. PEDESTAL. 8 to 12 foot aluminum pole, 4 to 6 inch diameter, transformer-type base, includes pedestal foundation per index 17784 Figure B and 11862. Foundation and base will be detailed in the plans issued by County with purchase order.

Item	<b>PNC2119323B1--02-61 - Signalization: ALUMINUM SIGNALS POLE, PEDESTRIAN DETECTOR POST</b>		
Lot Description	Signalization		
Quantity	<b>20 each</b>		
Unit Price	<input type="text"/>		
Delivery Location	<b>Broward County Board of County Commissioners</b>		
	<a href="#">Refer to Specifications and Requirements</a>		
	N/A		
	N/A FL 33301		
	<b>Qty 20</b>		

**Description**

FDOT PAY ITEM No. 0646 1 12. FURNISH AND INSTALL PEDESTRIAN DETECTOR POST. 5.5 to 6 foot aluminum pole, 4 to 4.5 inch diameter, transformer-type base or just pole as referenced in plans provided with purchase order, includes pedestal foundation per index 17784 Figure B and pedestrian detector.

Item	<b>PNC2119323B1--02-62 - Signalization: ALUMINUM SIGNALS POLE, PEDESTRIAN DETECTOR POST WITH AUDIBLE FEATURES</b>		
Lot Description	Signalization		
Quantity	<b>12 each</b>		
Unit Price	<input type="text"/>		
Delivery Location	<b>Broward County Board of County Commissioners</b>		
	<a href="#">Refer to Specifications and Requirements</a>		
	N/A		
	N/A FL 33301		
	<b>Qty 12</b>		

**Description**

FDOT PAY ITEM No. 0646 1 12. FURNISH AND INSTALL PEDESTRIAN DETECTOR POST. Accessible, ADA-compliant with audible/tactile features, 5.5 to 6 foot aluminum pole, 4 to 4.5 inch diameter, transformer-type base or just pole as mentioned in construction plans, includes pedestal foundation per FDOT Index 17784 Figure B and pedestrian detector.

Item	<b>PNC2119323B1--02-63 - Signalization: ALUMINUM SIGNALS POLE, REMOVE</b>		
Lot Description	Signalization		
Quantity	<b>12 each</b>		
Unit Price	<input type="text"/>		
Delivery Location	<b>Broward County Board of County Commissioners</b>		
	<a href="#">Refer to Specifications and Requirements</a>		
	N/A		
	N/A FL 33301		
	<b>Qty 12</b>		

**Description**

FDOT PAY ITEM No. 0646 1 60. REMOVE. Remove all signal and pedestrian signal pedestals and detector post under this pay item. The removal of the foundation is included with the removal of the pedestal. Contractor shall restore area with fill approved by Broward County that is uniform in density with adjacent ground areas and restore the surface conditions with material matching existing adjacent surroundings. As instructed in the plans issued by County with purchase order, Contractor will either dispose of the pole or deliver the pole to Broward County Highway and Bridge Maintenance Facility (1600 Blount Rd., Pompano Beach) at no additional charge; dispose of removed unwanted material.

Item	<b>PNC2119323B1--02-64 - Signalization: STEEL MAST ARM ASSEMBLY, SINGLE ARM 30 FEET</b>
Lot Description	Signalization
Quantity	<b>5 each</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	<b>Qty 5</b>

**Description**

FDOT PAY ITEM No. 0649 21 1. FURNISH AND INSTALL, SINGLE ARM 30 FEET. FDOT Standard Mast Arm Assemblies Index No. 17743. 30 feet round or 16 sided cross-section, solar black semi-gloss finish or galvanized per FDOT and ASTM Standards as instructed in the drawings and specifications with purchase order, maximum pole height 24.0 feet; includes drilled shaft and all incidentals per FDOT Index Nos 17743 and 17745.

Item	<b>PNC2119323B1--02-65 - Signalization: STEEL MAST ARM ASSEMBLY, SINGLE ARM 50- 60 FEET</b>
Lot Description	Signalization
Quantity	<b>10 each</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	<b>Qty 10</b>

**Description**

FDOT PAY ITEM No. 0649 21 10 AND 649216. FURNISH AND INSTALL, SINGLE ARM 50- 60 FEET. FDOT Standard Mast Arm Assemblies Index No. 17743. 60 feet round or 16 sided cross-section, solar black semi-gloss finish or galvanized per FDOT and ASTM Standards as instructed in the drawings and specifications with purchase order, maximum pole height 24.0 feet; includes drilled shaft and all incidentals per FDOT Index Nos 17743 and 17745.

Item	<b>PNC2119323B1--02-66 - Signalization: STEEL MAST ARM ASSEMBLY, DOUBLE ARM 60 FEET, 40 FEET</b>
Lot Description	Signalization
Quantity	<b>1 each</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	<b>Qty 1</b>

**Description**

FDOT PAY ITEM No. 0649 21 12. FURNISH AND INSTALL, DOUBLE ARM 60 FEET, 40 FEET. FDOT Standard Mast Arm Assemblies Index No. 17743. 40 feet long and 60 feet long, round or 16 sided cross-section, solar black semi-gloss finish or galvanized per FDOT and ASTM Standards as instructed in the drawings and specifications with purchase order, maximum pole height 24.0 feet; includes drilled shaft and all incidentals per FDOT Index Nos 17743 and 17745.

Item	<b>PNC2119323B1--02-67 - Signalization: STEEL MAST ARM ASSEMBLY, DOUBLE ARM 60 FEET, 50 FEET</b>
------	--

Lot Description	Signalization
Quantity	1 each
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	Qty 1

**Description**

FDOT PAY ITEM No. 0649 21 13. FURNISH AND INSTALL, DOUBLE ARM 60 FEET, 50 FEET. FDOT Standard Mast Arm Assemblies Index No. 17743, 50 feet long and 60 feet long, round or 16 sided cross-section, solar black semi-gloss finish or galvanized per FDOT and ASTM Standards as instructed in the drawings and specifications with purchase order, maximum pole height 24.0 feet; includes drilled shaft and all incidentals per FDOT Index Nos 17743 and 17745.

Item	<b>PNC2119323B1 --02-68 - Signalization: STEEL MAST ARM ASSEMBLY, DOUBLE ARM 60 FEET, 60 FEET</b>
Lot Description	Signalization
Quantity	1 each
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	Qty 1

**Description**

FDOT PAY ITEM No. 0649 21 14. FURNISH AND INSTALL, DOUBLE ARM 60 FEET, 60 FEET. FDOT Standard Mast Arm Assemblies Index No. 17743, 60 feet long each, round or 16 sided cross-section, solar black semi-gloss finish or galvanized per FDOT and ASTM Standards as instructed in the drawings and specifications with purchase order, maximum pole height 24.0 feet; includes drilled shaft and all incidentals per FDOT Index Nos 17743 and 17745.

Item	<b>PNC2119323B1 --02-69 - Signalization: STEEL MAST ARM ASSEMBLY, SINGLE ARM 70 FEET</b>
Lot Description	Signalization
Quantity	10 each
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	Qty 10

**Description**

FDOT PAY ITEM No. 0649 21 15. FURNISH AND INSTALL, SINGLE ARM 70 FEET. FDOT Standard Mast Arm Assemblies Index No. 17743. 70 feet round or 16 sided cross-section, solar black semi-gloss finish or galvanized per FDOT and ASTM Standards as instructed in the drawings and specifications with purchase order, maximum pole height 24.0 feet; includes drilled shaft and all incidentals per FDOT Index Nos 17743 and 17745.

Item	<b>PNC2119323B1 --02-70 - Signalization: STEEL MAST ARM ASSEMBLY, DOUBLE ARM 70 FEET, 40 FEET</b>
Lot Description	Signalization
Quantity	1 each

Unit Price

Delivery Location

**Broward County Board of County Commissioners**[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 1

**Description**

FDOT PAY ITEM No. 0649 21 17. FURNISH AND INSTALL, DOUBLE ARM 70 FEET, 40 FEET. FDOT Standard Mast Arm Assemblies Index No. 17743, 40 feet long and 70 feet long, round or 16 sided cross-section, solar black semi-gloss finish or galvanized per FDOT and ASTM Standards as instructed in the drawings and specifications with purchase order, maximum pole height 24.0 feet; includes drilled shaft and all incidentals per FDOT Index Nos 17743 and 17745.

Item

**PNC2119323B1--02-71 - Signalization: STEEL MAST ARM ASSEMBLY, DOUBLE ARM 70 FEET, 50 FEET**

Lot Description

Signalization

Quantity

**1 each**

Unit Price

Delivery Location

**Broward County Board of County Commissioners**[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 1

**Description**

FDOT PAY ITEM No. 0649 21 18. FURNISH AND INSTALL, DOUBLE ARM 70 FEET, 50 FEET. FDOT Standard Mast Arm Assemblies Index No. 17743, 50 feet long and 70 feet long, round or 16 sided cross-section, solar black semi-gloss finish or galvanized per FDOT and ASTM Standards as instructed in the drawings and specifications with purchase order, maximum pole height 24.0 feet; includes drilled shaft and all incidentals per FDOT Index Nos 17743 and 17745.

Lot Description

Signalization

Quantity

**1 each**

Unit Price

Delivery Location

**Broward County Board of County Commissioners**[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 1

**Description**

FDOT PAY ITEM No. 0649 21 19. FURNISH AND INSTALL, DOUBLE ARM 70 FEET, 60 FEET. FDOT Standard Mast Arm Assemblies Index No. 17743, 60 feet long and 70 feet long, round or 16 sided cross-section, solar black semi-gloss finish or galvanized per FDOT and ASTM Standards as instructed in the drawings and specifications with purchase order, maximum pole height 24.0 feet; includes drilled shaft and all incidentals per FDOT Index Nos 17743 and 17745.

Item

**PNC2119323B1--02-73 - Signalization: STEEL MAST ARM ASSEMBLY, DOUBLE ARM 70 FEET, 70 FEET**

Lot Description

Signalization

Quantity

**1 each**

Unit Price

**Delivery Location** **Broward County Board of County Commissioners**[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 1

**Description**

FDOT PAY ITEM No. 0649 21 20. FURNISH AND INSTALL, DOUBLE ARM 70 FEET, 70 FEET. FDOT Standard Mast Arm Assemblies Index No. 17743, 70 feet long each, round or 16 sided cross-section, solar black semi-gloss finish or galvanized per FDOT and ASTM Standards as instructed in the drawings and specifications with purchase order, maximum pole height 24.0 feet; includes drilled shaft and all incidentals per FDOT Index Nos 17743 and 17745.

**Item** **PNC2119323B1--02-74 - Signalization: STEEL MAST ARM ASSEMBLY, SINGLE ARM 40 FEET****Lot Description** Signalization**Quantity** 10 each**Unit Price****Delivery Location** **Broward County Board of County Commissioners**[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 10

**Description**

FDOT PAY ITEM No. 0649 21 3. FURNISH AND INSTALL, SINGLE ARM 40 FEET. FDOT Standard Mast Arm Assemblies Index No. 17743. 40 feet round or 16 sided cross-section, solar black semi-gloss finish or galvanized per FDOT and ASTM Standards as instructed in the drawings and specifications with purchase order, maximum pole height 24.0 feet; includes drilled shaft and all incidentals per FDOT Index Nos 17743 and 17745.

**Item** **PNC2119323B1--02-75 - Signalization: STEEL MAST ARM ASSEMBLY, DOUBLE ARM 40 FEET, 40 FEET****Lot Description** Signalization**Quantity** 1 each**Unit Price****Delivery Location** **Broward County Board of County Commissioners**[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 1

**Description**

FDOT PAY ITEM No. 0649 21 5. FURNISH AND INSTALL, DOUBLE ARM 40 FEET, 40 FEET. FDOT Standard Mast Arm Assemblies Index No. 17743, 40 feet long each, round or 16 sided cross-section, solar black semi-gloss finish or galvanized per FDOT and ASTM Standards as instructed in the drawings and specifications with purchase order, maximum pole height 24.0 feet; includes drilled shaft and all incidentals per FDOT Index Nos 17743 and 17745.

**Item** **PNC2119323B1--02-76 - Signalization: STEEL MAST ARM ASSEMBLY, SINGLE ARM 50 FEET****Lot Description** Signalization**Quantity** 20 each**Unit Price****Delivery Location** **Broward County Board of County Commissioners**[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 20

**Description**

FDOT PAY ITEM No. 0649 21 6. FURNISH AND INSTALL, SINGLE ARM 50 FEET. FDOT Standard Mast Arm Assemblies Index No. 17743. 50 feet round or 16 sided cross-section, solar black semi-gloss finish or galvanized per FDOT and ASTM Standards as instructed in the drawings and specifications with purchase order, maximum pole height 24.0 feet; includes drilled shaft and all incidentals per FDOT Index Nos 17743 and 17745.

Item	<b>PNC2119323B1--02-77 - Signalization: STEEL MAST ARM ASSEMBLY, DOUBLE ARM 50 FEET, 40 FEET</b>
Lot Description	Signalization
Quantity	<b>1 each</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b> <a href="#">Refer to Specifications and Requirements</a> N/A N/A FL 33301 Qty 1

**Description**

FDOT PAY ITEM No. 0649 21 8. FURNISH AND INSTALL, DOUBLE ARM 50 FEET, 40 FEET. FDOT Standard Mast Arm Assemblies Index No. 17743, 40 feet and 50 feet long, round or 16 sided cross-section, solar black semi-gloss finish or galvanized per FDOT and ASTM Standards as instructed in the drawings and specifications with purchase order, maximum pole height 24.0 feet; includes drilled shaft and all incidentals per FDOT Index Nos 17743 and 17745.

Item	<b>PNC2119323B1--02-78 - Signalization: STEEL MAST ARM ASSEMBLY, DOUBLE ARM 50 FEET, 50 FEET</b>
Lot Description	Signalization
Quantity	<b>1 each</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b> <a href="#">Refer to Specifications and Requirements</a> N/A N/A FL 33301 Qty 1

**Description**

FDOT PAY ITEM No. 0649 21 9. FURNISH AND INSTALL, DOUBLE ARM 50 FEET, 50 FEET. FDOT Standard Mast Arm Assemblies Index No. 17743, 50 feet long each, round or 16 sided cross-section, solar black semi-gloss finish or galvanized per FDOT and ASTM Standards as instructed in the drawings and specifications with purchase order, maximum pole height 24.0 feet; includes drilled shaft and all incidentals per FDOT Index Nos 17743 and 17745.

Item	<b>PNC2119323B1--02-79 - Signalization: STEEL MAST ARM ASSEMBLY, INSTALL, CONTRACTOR PROVIDED FOUNDATION</b>
Lot Description	Signalization
Quantity	<b>8 each</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b> <a href="#">Refer to Specifications and Requirements</a> N/A N/A FL 33301



Qty 8

**Description**

FDOT PAY ITEM No. 0649 23 2. INSTALL, RELOCATE TO NEW, CONTRACTOR PROVIDED FOUNDATION. County stock years 2007-2009 special design with 4-anchor bolt assembly; single arm, total arm dimensions from 30 to 80 feet; loading and delivery to jobsite included. This item includes the cost to cut the arm to a length specified in the plans with a County approved procedure. Anchor bolts to be provided by BCTED for this pay item. This pay item includes the cost to sandblast the existing surface rust or corrosion from the anchor bolts to white metal prior to installation. The County Inspector on site at the stock yard shall make the determination whether the anchor bolts are free of rust and corrosion and approve the anchor bolts for installation based on this expectation. This pay item also includes any necessary incidentals necessary to finish a mast arm installation, such as such as rubber grommets and plugs. It also includes applying a new coat of galvanization to scratches and field-drilled holes and applying anti-seize lubricant to bolt threads. DRILLED SHAFT INCLUDING EXCAVATION OF SHAFT, UP TO 60 INCH DIAMETER AND UP TO 19 FEET DEPTH. This pay item will include the use of excavation and drilling equipment having the adequate clearances from existing utilities per OSHA regulations. The Drilled Shaft Foundation Data Dimensions for mast arms shall be based on FDOT Standard Indexes 17743 and 17745. This item shall pay for the cost of concrete and steel, CSL tubes, temporary casing, all labor, materials, equipment, and incidentals necessary to complete the drilled shaft. CSL tubes are required to be placed in all drilled shafts. The number and configuration of CSL Tubes required shall comply with FDOT Standards and Specifications Section 455-16.4 CSL Tubes.

Item	<b>PNC2119323B1--02-80 - Signalization: STEEL MAST ARM ASSEMBLY, REMOVE, SHALLOW FOUNDATION, BOLT ON ATTACHMENT</b>
Lot Description	Signalization
Quantity	<b>8 each</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b> <a href="#">Refer to Specifications and Requirements</a> N/A N/A FL 33301 <b>Qty 8</b>

**Description**

FDOT PAY ITEM No. 0649 26 3. REMOVE, SHALLOW FOUNDATION, BOLT ON ATTACHMENT. Contractor to remove above-ground portion of pole, saw cut anchor bolts & steel (if required), and remove top of foundation, including buried attachments, to a depth of 48 inches below grade. This pay item will include removal of mast arm foundations up to 60 inches in diameter. Contractor shall restore area with fill approved by Broward County that is uniform in density with adjacent ground areas and restore the surface conditions with material matching existing adjacent surroundings. As instructed in the plans issued by County with purchase order, Contractor will either either dispose of the mast arm assembly or deliver the assembly to Broward County Highway and Bridge Maintenance Facility (1600 Blount Rd., Pompano Beach) at no additional charge; dispose of removed unwanted material.

Item	<b>PNC2119323B1--02-81 - Signalization: STEEL MAST ARM ASSEMBLY, REMOVE, DEEP FOUNDATION, BOLT ON ATTACHMENT</b>
Lot Description	Signalization
Quantity	<b>5 each</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b> <a href="#">Refer to Specifications and Requirements</a> N/A N/A FL 33301 <b>Qty 5</b>

**Description**

FDOT PAY ITEM No. 0649 26 5. REMOVE, DEEP FOUNDATION, BOLT ON ATTACHMENT. Contractor to remove aboveground portion of pole and attachments, and completely remove pole foundation and any attachments from the ground. Contractor shall restore area with fill approved by Broward County that is uniform in density with adjacent ground areas and restore the surface conditions with material matching existing adjacent surroundings. As instructed in the plans issued by County with purchase order, Contractor will either dispose of the mast arm assembly or deliver the assembly to Broward County Highway and Bridge Maintenance Facility (1600 Blount Rd., Pompano Beach) at no additional charge; dispose of removed unwanted material. This pay item is for foundations buried

up to 22 feet below grade, including mast arm foundations.

Item	<b>PNC2119323B1--02-82 - Signalization: VEHICULAR TRAFFIC SIGNAL, ALUMINUM, 1 SECTION, 1 WAY, LED</b>
Lot Description	Signalization
Quantity	<b>6 assembly</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	<b>Qty 6</b>

**Description**

FDOT PAY ITEM No. 0650 1 11. FURNISH AND INSTALL ALUMINUM, 1 SECTION, 1 WAY. LED with tunnel visors, backplates with retroreflective border and mounting hardware.

Item	<b>PNC2119323B1--02-83 - Signalization: VEHICULAR TRAFFIC SIGNAL, ALUMINUM, 3 SECTION, 1 WAY, LED</b>
Lot Description	Signalization
Quantity	<b>100 assembly</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	<b>Qty 100</b>

**Description**

FDOT PAY ITEM No. 0650 1 14. FURNISH AND INSTALL ALUMINUM, 3 SECTION, 1 WAY. LED, with tunnel visors, backplates with retroreflective border and mounting hardware.

Item	<b>PNC2119323B1--02-84 - Signalization: VEHICULAR TRAFFIC SIGNAL, ALUMINUM, 4 SECTION, 1 WAY, LED</b>
Lot Description	Signalization
Quantity	<b>6 assembly</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	<b>Qty 6</b>

**Description**

FDOT PAY ITEM No. 0650 1 16. FURNISH AND INSTALL ALUMINUM, 4 SECTION, 1 WAY. LED, with tunnel visors, backplates with retroreflective border and mounting hardware.

Item	<b>PNC2119323B1--02-85 - Signalization: VEHICULAR TRAFFIC SIGNAL, ALUMINUM, 5 SECTION STRAIGHT, 1 WAY, LED</b>
Lot Description	Signalization

Quantity 40 assembly

Unit Price

Delivery Location Broward County Board of County Commissioners

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 40

**Description**

FDOT PAY ITEM No. 0650 1 18. FURNISH AND INSTALL ALUMINUM, 5 SECTION STRAIGHT, 1 WAY. LED, with tunnel visors, backplates with retroreflective border and mounting hardware.

Item PNC2119323B1--02-86 - Signalization: VEHICULAR TRAFFIC SIGNAL, ALUMINUM, 5 SECTION CLUSTER, 1 WAY, LED

Lot Description Signalization

Quantity 25 assembly

Unit Price

Delivery Location Broward County Board of County Commissioners

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 25

**Description**

FDOT PAY ITEM No. 0650 1 19. FURNISH AND INSTALL ALUMINUM, 5 SECTION CLUSTER, 1 WAY. LED, with tunnel visors, backplates with retroreflective border and mounting hardware.

Item PNC2119323B1--02-87 - Signalization: VEHICULAR TRAFFIC SIGNAL, REMOVE, POLES TO REMAIN

Lot Description Signalization

Quantity 20 assembly

Unit Price

Delivery Location Broward County Board of County Commissioners

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 20

**Description**

FDOT PAY ITEM No. 0650 1 60. REMOVE, POLES TO REMAIN. Remove all signal head types, all configurations under this pay item, including heads and mounting hardware. Depending on the direction provided on the drawings provided with the delivery order, the Contractor will either dispose of the traffic signal heads and mounting hardware or deliver the assemblies to the County as instructed in the plans, and at no additional charge. This pay item is not to be used when the poles are to be removed. Cost for removing the traffic signals is included in the pole removal specification. Refer to specifications for pole removal, pay items 0641 through 0649.

Item PNC2119323B1--02-88 - Signalization: PEDESTRIAN SIGNAL, LED COUNTDOWN, 1 WAY

Lot Description Signalization

Quantity 40 assembly

Unit Price

Delivery Location Broward County Board of County Commissioners

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 40

**Description**

FDOT PAY ITEM No. 0653 1 11. FURNISH AND INSTALL LED COUNTDOWN, 1 WAY. Walking person, hand and numerals all displayed within single enclosure.

Item **PNC2119323B1--02-89 - Signalization: PEDESTRIAN SIGNAL, LED COUNTDOWN, 2 WAY**

Lot Description Signalization

Quantity **4 assembly**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 4

**Description**

FDOT PAY ITEM No. 0653 1 12. FURNISH AND INSTALL LED COUNTDOWN, 2 WAYS. Walking person, hand and numerals all displayed within single enclosure.

Item **PNC2119323B1--02-90 - Signalization: PEDESTRIAN SIGNAL, REMOVE PED SIGNAL, PEDESTAL TO REMAIN**

Lot Description Signalization

Quantity **20 assembly**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 20

**Description**

FDOT PAY ITEM No. 0653 1 60. REMOVE PED SIGNAL, POLE, PEDESTAL TO REMAIN. Remove all pedestrian head assembly types under this pay item, including, but not limited to, the following: 1 way, 2 way or 3 way, single or double enclosures, and return to County.

Item **PNC2119323B1--02-91 - Signalization: VEHICLE DETECTION SYSTEM, VIDEO, COMPLETE SYSTEMS, 3 CAMERAS**

Lot Description Signalization

Quantity **5 per intersection**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 5

**Description**

FDOT PAY ITEM No. 0660 4 10. FURNISH AND INSTALL, COMPLETE SYSTEMS MOUNTED ON MAST ARM OR SPAN WIRE POLE, 3 OPTICAL OR THERMAL CAMERAS. Type of camera will be specified in the plans or at the time of shop drawing approval. Includes

detection software, video image processor set-up keypad, clamp kit, cable mount/bracket, video detection camera, composite video cable, straight crimp type plug, surge protection device, camera housing, lightning dissipators and TS2 type 1 synchronous data link control (SDLC) protocol interface module (BIU not acceptable) from VIPs to controller via SDLC. Assume fiber or cellular communications are available at the intersection location where the video detection system is to be installed, the cost of the video detection system shall include necessary hardware, software, and firmware in order to remotely access the configuration settings and be able to provide video streaming to the end user from remote location with the proper permissions. The cost for the video detection system shall include necessary hardware, software and firmware that discriminately detects the presence of individual vehicles and bicycles in a single or multiple lane using only the video image. The system shall provide a tracking mechanism that counts pedestrian volume moving within the crossing area, and also determine the average, maximum, and minimum speed of pedestrians moving within the crossing zone. The system shall also provide discrete outputs when pedestrians are in the crosswalk during normal crossing phases and when a red phase input has been detected. The installation shall be tested for compliance with and meet the performance measures referenced in note 660-4-xx Vehicle Detection Pay Item Notes which is available at [www.broward.org/Traffic/Pages/Publications.aspx](http://www.broward.org/Traffic/Pages/Publications.aspx)

Item	<b>PNC2119323B1--02-92 - Signalization: VEHICLE DETECTION SYSTEM, VIDEO, COMPLETE SYSTEMS, 4 CAMERAS</b>
Lot Description	Signalization
Quantity	<b>7 per intersection</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b> <a href="#">Refer to Specifications and Requirements</a> N/A N/A FL 33301 Qty 7

**Description**

FDOT PAY ITEM No. 0660 4 10. FURNISH AND INSTALL, COMPLETE SYSTEMS MOUNTED ON MAST ARM OR SPAN WIRE POLE, 4 OPTICAL OR THERMAL CAMERAS. Type of camera will be specified in the plans or at the time of shop drawing approval. Includes detection software, video image processor set-up keypad, clamp kit, cable mount/bracket, video detection camera, composite video cable, straight crimp type plug, surge protection device, camera housing, lightning dissipators and TS2 type 1 synchronous data link control (SDLC) protocol interface module (BIU not acceptable) from VIPs to controller via SDLC. Assume fiber or cellular communications are available at the intersection location where the video detection system is to be installed, the cost of the video detection system shall include necessary hardware, software, and firmware in order to remotely access the configuration settings and be able to provide video streaming to the end user from remote location with the proper permissions. The cost for the video detection system shall include necessary hardware, software and firmware that discriminately detects the presence of individual vehicles and bicycles in a single or multiple lane using only the video image. The system shall provide a tracking mechanism that counts pedestrian volume moving within the crossing area, and also determine the average, maximum, and minimum speed of pedestrians moving within the crossing zone. The system shall also provide discrete outputs when pedestrians are in the crosswalk during normal crossing phases and when a red phase input has been detected. The installation shall be tested for compliance with and meet the performance measures referenced in note 660-4-xx Vehicle Detection Pay Item Notes which is available at [www.broward.org/Traffic/Pages/Publications.aspx](http://www.broward.org/Traffic/Pages/Publications.aspx)

Item	<b>PNC2119323B1--02-93 - Signalization: VEHICLE DETECTION SYSTEM, VIDEO, COMPLETE SYSTEMS, 5 CAMERAS</b>
Lot Description	Signalization
Quantity	<b>5 per intersection</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b> <a href="#">Refer to Specifications and Requirements</a> N/A N/A FL 33301 Qty 5

**Description**

FDOT PAY ITEM No. 0660 4 10. FURNISH AND INSTALL, COMPLETE SYSTEMS MOUNTED ON MAST ARM OR SPAN WIRE POLE, 5 OPTICAL OR THERMAL CAMERAS. Type of camera will be specified in the plans or at the time of shop drawing approval. Includes

detection software, video image processor set-up keypad, clamp kit, cable mount/bracket, video detection camera, composite video cable, straight crimp type plug, surge protection device, camera housing, lightning dissipators and TS2 type 1 synchronous data link control (SDLC) protocol interface module (BIU not acceptable) from VIPs to controller via SDLC. Assume fiber or cellular communications are available at the intersection location where the video detection system is to be installed, the cost of the video detection system shall include necessary hardware, software, and firmware in order to remotely access the configuration settings and be able to provide video streaming to the end user from remote location with the proper permissions. The cost for the video detection system shall include necessary hardware, software and firmware that discriminately detects the presence of individual vehicles and bicycles in a single or multiple lane using only the video image. The system shall provide a tracking mechanism that counts pedestrian volume moving within the crossing area, and also determine the average, maximum, and minimum speed of pedestrians moving within the crossing zone. The system shall also provide discrete outputs when pedestrians are in the crosswalk during normal crossing phases and when a red phase input has been detected. The installation shall be tested for compliance with and meet the performance measures referenced in note 660-4-xx Vehicle Detection Pay Item Notes which is available at [www.broward.org/Traffic/Pages/Publications.aspx](http://www.broward.org/Traffic/Pages/Publications.aspx)

Item	<b>PNC2119323B1--02-94 - Signalization: VEHICLE DETECTION SYSTEM, VIDEO, COMPLETE SYSTEMS, 6 CAMERAS</b>
Lot Description	Signalization
Quantity	5 per intersection
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b> <a href="#">Refer to Specifications and Requirements</a> N/A N/A FL 33301 Qty 5

**Description**

FDOT PAY ITEM No. 0660 4 10. FURNISH AND INSTALL, COMPLETE SYSTEMS MOUNTED ON MAST ARM OR SPAN WIRE POLE, 6 OPTICAL OR THERMAL CAMERAS. Type of camera will be specified in the plans or at the time of shop drawing approval. Includes detection software, video image processor set-up keypad, clamp kit, cable mount/bracket, video detection camera, composite video cable, straight crimp type plug, surge protection device, camera housing, lightning dissipators and TS2 type 1 synchronous data link control (SDLC) protocol interface module (BIU not acceptable) from VIPs to controller via SDLC. Assume fiber or cellular communications are available at the intersection location where the video detection system is to be installed, the cost of the video detection system shall include necessary hardware, software, and firmware in order to remotely access the configuration settings and be able to provide video streaming to the end user from remote location with the proper permissions. The cost for the video detection system shall include necessary hardware, software and firmware that discriminately detects the presence of individual vehicles and bicycles in a single or multiple lane using only the video image. The system shall provide a tracking mechanism that counts pedestrian volume moving within the crossing area, and also determine the average, maximum, and minimum speed of pedestrians moving within the crossing zone. The system shall also provide discrete outputs when pedestrians are in the crosswalk during normal crossing phases and when a red phase input has been detected. The installation shall be tested for compliance with and meet the performance measures referenced in note 660-4-xx Vehicle Detection Pay Item Notes which is available at [www.broward.org/Traffic/Pages/Publications.aspx](http://www.broward.org/Traffic/Pages/Publications.aspx)

Item	<b>PNC2119323B1--02-95 - Signalization: VEHICLE DETECTION SYSTEM, VIDEO, COMPLETE SYSTEMS, 7 CAMERAS</b>
Lot Description	Signalization
Quantity	5 per intersection
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b> <a href="#">Refer to Specifications and Requirements</a> N/A N/A FL 33301 Qty 5

**Description**

FDOT PAY ITEM No. 0660 4 10. FURNISH AND INSTALL, COMPLETE SYSTEMS MOUNTED ON MAST ARM OR SPAN WIRE POLE, 7 OPTICAL OR THERMAL CAMERAS. Type of camera will be specified in the plans or at the time of shop drawing approval. Includes



detection software, video image processor set-up keypad, clamp kit, cable mount/bracket, video detection camera, composite video cable, straight crimp type plug, surge protection device, camera housing, lightning dissipators and TS2 type 1 synchronous data link control (SDLC) protocol interface module (BIU not acceptable) from VIPs to controller via SDLC. Assume fiber or cellular communications are available at the intersection location where the video detection system is to be installed, the cost of the video detection system shall include necessary hardware, software, and firmware in order to remotely access the configuration settings and be able to provide video streaming to the end user from remote location with the proper permissions. The cost for the video detection system shall include necessary hardware, software and firmware that discriminately detects the presence of individual vehicles and bicycles in a single or multiple lane using only the video image. The system shall provide a tracking mechanism that counts pedestrian volume moving within the crossing area, and also determine the average, maximum, and minimum speed of pedestrians moving within the crossing zone. The system shall also provide discrete outputs when pedestrians are in the crosswalk during normal crossing phases and when a red phase input has been detected. The installation shall be tested for compliance with and meet the performance measures referenced in note 660-4-xx Vehicle Detection Pay Item Notes which is available at [www.broward.org/Traffic/Pages/Publications.aspx](http://www.broward.org/Traffic/Pages/Publications.aspx)

Item	<b>PNC2119323B1--02-96 - Signalization: VEHICLE DETECTION SYSTEM, VIDEO, COMPLETE SYSTEMS, 8 CAMERAS</b>		
Lot Description	Signalization		
Quantity	<b>5 per intersection</b>		
Unit Price	<input type="text"/>		
Delivery Location	<b>Broward County Board of County Commissioners</b>		
	<a href="#">Refer to Specifications and Requirements</a>		
	N/A		
	N/A FL 33301		
	Qty 5		

**Description**

FDOT PAY ITEM No. 0660 4 10. FURNISH AND INSTALL, COMPLETE SYSTEMS MOUNTED ON MAST ARM OR SPAN WIRE POLE, 8 OPTICAL OR THERMAL CAMERAS. Type of camera will be specified in the plans or at the time of shop drawing approval. Includes detection software, video image processor set-up keypad, clamp kit, cable mount/bracket, video detection camera, composite video cable, straight crimp type plug, surge protection device, camera housing, lightning dissipators and TS2 type 1 synchronous data link control (SDLC) protocol interface module (BIU not acceptable) from VIPs to controller via SDLC. Assume fiber or cellular communications are available at the intersection location where the video detection system is to be installed, the cost of the video detection system shall include necessary hardware, software, and firmware in order to remotely access the configuration settings and be able to provide video streaming to the end user from remote location with the proper permissions. The cost for the video detection system shall include necessary hardware, software and firmware that discriminately detects the presence of individual vehicles and bicycles in a single or multiple lane using only the video image. The system shall provide a tracking mechanism that counts pedestrian volume moving within the crossing area, and also determine the average, maximum, and minimum speed of pedestrians moving within the crossing zone. The system shall also provide discrete outputs when pedestrians are in the crosswalk during normal crossing phases and when a red phase input has been detected. The installation shall be tested for compliance with and meet the performance measures referenced in note 660-4-xx Vehicle Detection Pay Item Notes which is available at [www.broward.org/Traffic/Pages/Publications.aspx](http://www.broward.org/Traffic/Pages/Publications.aspx)

Item	<b>PNC2119323B1--02-97 - Signalization: VEHICLE DETECTION SYSTEM, VIDEO</b>		
Lot Description	Signalization		
Quantity	<b>15 each</b>		
Unit Price	<input type="text"/>		
Delivery Location	<b>Broward County Board of County Commissioners</b>		
	<a href="#">Refer to Specifications and Requirements</a>		
	N/A		
	N/A FL 33301		
	Qty 15		

**Description**

FDOT PAY ITEM No. 0660 4 60. VIDEO, REMOVE. Return detector equipment to County facility as mentioned in the drawings provided with the purchase order, or dispose of as directed by County. This item shall not be used for maintenance of traffic activities.

Item	<b>PNC2119323B1--02-98 - Signalization: SIGNAL PRIORITY AND PREEMPTION SYSTEM, REMOVE</b>
Lot Description	Signalization
Quantity	<b>2 each</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	<b>Qty 2</b>

**Description**

FDOT PAY ITEM No. 0663 1600. REMOVE. This item shall not be used if the systems are attached to another item being removed as part of another pay item. Item also shall not be used for maintenance of traffic activities.

Item	<b>PNC2119323B1--02-99 - Signalization: PEDESTRIAN DETECTOR, STANDARD</b>
Lot Description	Signalization
Quantity	<b>20 each</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	<b>Qty 20</b>

**Description**

FDOT PAY ITEM No. 0665 1 11. FURNISH AND INSTALL, STANDARD. Pole or controller cabinet mounted detector station and high-intensity pedestrian instructional sign, typically installed on existing mast arm poles, strain poles, pedestals or cabinets.

Item	<b>PNC2119323B1--02-100 - Signalization: PEDESTRIAN DETECTOR, ACCESSIBLE</b>
Lot Description	Signalization
Quantity	<b>20 each</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	<b>Qty 20</b>

**Description**

FDOT PAY ITEM No. 0665 1 12. FURNISH AND INSTALL, ACCESSIBLE. ADA Compliant (audible/tactile features), pole or controller cabinet mounted detector station and sign, typically installed on existing mast arm poles, strain poles, pedestals, or cabinets.

Item	<b>PNC2119323B1--02-101 - Signalization: PEDESTRIAN DETECTOR, REMOVE POLE OR PEDESTAL TO REMAIN</b>
Lot Description	Signalization
Quantity	<b>40 each</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>



[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 40

**Description**

FDOT PAY ITEM No. 0665 1 60. REMOVE - POLE OR PEDESTAL TO REMAIN. Return detector equipment to County or dispose of as directed by County. This item shall not be used if the detectors are attached to another item being removed as part of another pay item. Item also shall not be used for maintenance of traffic activities.

---

Item	<b>PNC2119323B1--02-102 - Signalization: TRAFFIC CONTROLLER ASSEMBLY, MODEL 2070.</b>
------	---

Lot Description	Signalization
-----------------	---------------

Quantity	<b>3 assembly</b>
----------	-------------------

Unit Price	<input type="text"/>
------------	----------------------

Delivery Location	<b>Broward County Board of County Commissioners</b>
-------------------	---

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 3

**Description**

FDOT PAY ITEM No. 0670 5140. FURNISH AND INSTALL MODEL 2070. With TS2 Type 1 2070 Controller v.76 ATMS. NOW Firmware and 16 channel/phases conflict monitor/EDI MMU with ethernet port and SDLC port in Type VI shelf mount cabinet with front/back doors. Height of concrete base must meet flood zone requirements for site.

---

Item	<b>PNC2119323B1--02-103 - Signalization: TRAFFIC CONTROLLER ASSEMBLY, MODEL 2070, 1 PREEMPTION</b>
------	--

Lot Description	Signalization
-----------------	---------------

Quantity	<b>2 assembly</b>
----------	-------------------

Unit Price	<input type="text"/>
------------	----------------------

Delivery Location	<b>Broward County Board of County Commissioners</b>
-------------------	---

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 2

**Description**

FDOT PAY ITEM No. 0670 5141. FURNISH AND INSTALL, MODEL 2070, 1 PREEMPTION. With TS2 Type 1 2070 Controller v.76 ATMS. NOW Firmware and 16 channel/phases conflict monitor/EDI MMU with ethernet port and SDLC port in Type VI shelf mount cabinet with front/back doors. Height of concrete base must meet flood zone requirements for site.

---

Item	<b>PNC2119323B1--02-104 - Signalization: TRAFFIC CONTROLLER ASSEMBLY, MODEL 2070, 2 PREEMPTION</b>
------	--

Lot Description	Signalization
-----------------	---------------

Quantity	<b>2 assembly</b>
----------	-------------------

Unit Price	<input type="text"/>
------------	----------------------

Delivery Location	<b>Broward County Board of County Commissioners</b>
-------------------	---

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 2

**Description**

FDOT PAY ITEM No. 0670 5142. FURNISH AND INSTALL, MODEL 2070, 2 PREEMPTION. With TS2 Type 1 2070 controller v.76 ATMS. NOW firmware and 16 channel/phases conflict monitor/EDI MMU with ethernet port and SDLC port in Type VI shelf mount cabinet with front/back doors. Height of concrete base must meet flood zone requirements for job site.

Item **PNC2119323B1--02-105 - Signalization: TRAFFIC CONTROLLER ASSEMBLY, REMOVE CONTROLLER WITH CABINET**

Lot Description Signalization

Quantity **5 assembly**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 5

**Description**

FDOT PAY ITEM No. 0670 5600. REMOVE CONTROLLER WITH CABINET. Includes concrete pad and attached conduit. Return controller and cabinet assembly to County and dispose of other materials; or dispose of as directed by County. The Quality Control and documentation requirements in Section 690-4.3 from the FDOT Standard Specifications must be adhered to.

Item **PNC2119323B1--02-106 - Signalization: MANAGED FIELD ETHERNET SWITCH**

Lot Description Signalization

Quantity **10 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 10

**Description**

FDOT PAY ITEM No. 0684 1 1. FURNISH AND INSTALL. Compatible with County ATMS/TMC e.g. IE-3000-8TC, 1 Gb or industry equivalent that meets or exceeds same operational parameters with compatible protocol. The ethernet switch is hardened to withstand harsh environments and provides transmission rates of 1Gb per second from the remote device installation location to the network trunk interconnection point.

Item **PNC2119323B1--02-107 - Signalization: CELLULAR ROUTER**

Lot Description Signalization

Quantity **10 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 10

**Description**

FURNISH AND INSTALL, Multi-band/multi-Carrier router with 4G LTE Gobi Chipset. County Cellular network compatible Cradlepoint IBR650CLPE-xx

Item **PNC2119323B1--02-108 - Signalization: DIGITAL VIDEO ENCODER WITH SOFTWARE DECODER.**

Lot Description Signalization

Quantity **5 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 5

**Description**

FDOT PAY ITEM No. 0684 3 11. FURNISH AND INSTALL HARDENED ENCODER. Compatible with County ATMS/TMC e.g., MPEG-4 Video Encoder and generic video encoding software, or industry equivalent that meets or exceeds same operational parameters with compatible protocol.

Item **PNC2119323B1--02-109 - Signalization: PULL AND SPLICE BOX, REMOVAL**

Lot Description Signalization

Quantity **20 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 20

**Description**

REMOVE PULL AND SPLICE BOX. Pull box removal will be incidental to clearing and grubbing when pull boxes fall within clearing grubbing limits in the plans. The intention of this pay item is more for the use when the sole purpose of the work is to make pull box location and adjustment modifications. The cost for restoring the area of the box removal to the condition of the adjacent area is included in this pay item. This includes the cost of material needed to fill the hole caused by the removal of the pull box. This pay item includes the cost for restoring up to two concrete 5 feet x 5 feet concrete flags.

Item **PNC2119323B1--02-110 - Signalization: TRAFFIC CONTROLLER ASSEMBLY, MODIFY**

Lot Description Signalization

Quantity **5 assembly**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 5

**Description**

FDOT PAY ITEM No. 0670 5400. TRAFFIC CONTROLLER ASSEMBLY, MODIFY.

Item **PNC2119323B1--03-01 - Signing and Pavement Markings: SINGLE POST SIGN. GROUND MOUNT, UP TO 12 SQUARE FEET**

Lot Description Signing and Pavement Markings

Quantity **150 assembly**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 150

**Description**

FDOT PAY ITEM No. 0700 1 11. FURNISH AND INSTALL GROUND MOUNT, UP TO 12 SQUARE FEET.

Item **PNC2119323B1--03-02 - Signing and Pavement Markings: SINGLE POST SIGN. GROUND MOUNT, 12 TO 20 SQUARE FEET**

Lot Description Signing and Pavement Markings

Quantity **30 assembly**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 30

**Description**

FDOT PAY ITEM No. 0700 1 12. FURNISH AND INSTALL GROUND MOUNT, 12 TO 20 SQUARE FEET

Item **PNC2119323B1--03-03 - Signing and Pavement Markings: SINGLE POST SIGN. GROUND MOUNT, 21 TO 30 SQUARE FEET**

Lot Description Signing and Pavement Markings

Quantity **2 assembly**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 2

**Description**

FDOT PAY ITEM No. 0700 1 13. FURNISH AND INSTALL GROUND MOUNT, 21 TO 30 SQUARE FEET

Item **PNC2119323B1--03-04 - Signing and Pavement Markings: SINGLE POST SIGN. GROUND MOUNT, 31 SQUARE FEET OR GREATER**

Lot Description Signing and Pavement Markings

Quantity **2 assembly**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 2

**Description**

FDOT PAY ITEM No. 0700 1 14. FURNISH AND INSTALL GROUND MOUNT, 31 SQUARE FEET OR GREATER

Item **PNC2119323B1--03-05 - Signing and Pavement Markings: SINGLE POST SIGN. RELOCATE**  
Lot Description Signing and Pavement Markings  
Quantity **30 assembly**  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 30

**Description**

FDOT PAY ITEM No. 0700 1 50. RELOCATE.

Item **PNC2119323B1--03-06 - Signing and Pavement Markings: SINGLE POST SIGN. REMOVE**  
Lot Description Signing and Pavement Markings  
Quantity **150 assembly**  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 150

**Description**

FDOT PAY ITEM No. 0700 1 60. REMOVE

Item **PNC2119323B1--03-07 - Signing and Pavement Markings: GROUND MOUNT, AC POWER, SPEED FEEDBACK SIGN, UP TO 12 SQ FT**  
Lot Description Signing and Pavement Markings  
Quantity **2 assembly**  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 2

**Description**

FDOT PAY ITEM No. 0700 11131. FURNISH &amp; INSTALL GROUND MOUNT, AC POWERED, SPEED FEEDBACK SIGN, UP TO 12 SQUARE FEET.

Item **PNC2119323B1--03-08 - Signing and Pavement Markings: ELECTRONIC DISPLAY SIGN, GROUND MOUNT, AC POWER, SPEED FEEDBACK, 12 TO 20 SQ FT**  
Lot Description Signing and Pavement Markings  
Quantity **2 assembly**  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A

N/A FL 33301

Qty 2

**Description**

FDOT PAY ITEM No. 0700 11132. FURNISH & INSTALL GROUND MOUNT, AC POWERED, SPEED FEEDBACK SIGN, 12 TO 20 SQUARE FEET.

Item	<b>PNC2119323B1--03-09 - Signing and Pavement Markings: ELECTRONIC DISPLAY SIGN,GRND MNT,AC POWER,SPEED FEEDBACK W/FLASH BCON,UPTO 12 SF</b>
Lot Description	Signing and Pavement Markings
Quantity	<b>2 assembly</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b> <a href="#">Refer to Specifications and Requirements</a> N/A N/A FL 33301 Qty 2

**Description**

FDOT PAY ITEM No. 0700 11161. FURNISH & INSTALL GROUND MOUNT, AC POWERED, SPEED FEEDBACK W/FLASHING BEACON, UP TO 12 SQUARE FEET.

Item	<b>PNC2119323B1--03-10 - Signing and Pavement Markings: ELECTRONIC DISPLAY SIGN,GRND MNT,AC POWER,SPEED FEEDBACK W/FLASH BCON,12-20 SF</b>
Lot Description	Signing and Pavement Markings
Quantity	<b>2 assembly</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b> <a href="#">Refer to Specifications and Requirements</a> N/A N/A FL 33301 Qty 2

**Description**

FDOT PAY ITEM No. 0700 11162. FURNISH & INSTALL GROUND MOUNT, AC POWERED, SPEED FEEDBACK W/FLASHING BEACON, 12 TO 20 SQUARE FEET.

Item	<b>PNC2119323B1--03-11 - Signing and Pavement Markings: ELECTRONIC DISPLAY SIGN,GROUND MOUNT, SOLAR POWER, SPEED FEEDBACK, UP TO 12 SF</b>
Lot Description	Signing and Pavement Markings
Quantity	<b>2 assembly</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b> <a href="#">Refer to Specifications and Requirements</a> N/A N/A FL 33301 Qty 2

**Description**

FDOT PAY ITEM No. 0700 11231. FURNISH & INSTALL GROUND MOUNT, SOLAR POWER, SPEED FEEDBACK SIGN, UP TO 12 SQUARE FEET.

Item **PNC2119323B1--03-12 - Signing and Pavement Markings: ELECTRONIC DISPLAY SIGN,GRND MNT,SOLR PANEL,SPEED FEEDBK W/FLASH BCON,UPTO 12 SF**

Lot Description Signing and Pavement Markings

Quantity **2 assembly**

Unit Price

Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 2

**Description**

FDOT PAY ITEM No. 0700 11261. FURNISH & INSTALL GROUND MOUNT, SOLAR PANEL, SPEED FEEDBACK W/FLASHING BEACON, UP TO 12 SQUARE FEET.

Item **PNC2119323B1--03-13 - Signing and Pavement Markings: ELECTRONIC DISPLAY SIGN,GRND MNT,SOLR PANEL,SPEED FEEDBK W/FLASH BCON,12 - 20 SF**

Lot Description Signing and Pavement Markings

Quantity **2 assembly**

Unit Price

Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 2

**Description**

FDOT PAY ITEM No. 0700 11262. FURNISH & INSTALL GROUND MOUNT,SOLAR PANEL, SPEED FEEDBACK W/FLASHING BEACON, 12 TO 20 SQUARE FEET.

Item **PNC2119323B1--03-14 - Signing and Pavement Markings: SIGN BEACON,GRND MNT,AC POWER,2 BEACONS.Incl cabinet and controller**

Lot Description Signing and Pavement Markings

Quantity **2 assembly**

Unit Price

Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 2

**Description**

FDOT PAY ITEM No. 0700 12 12. FURNISH AND INSTALL GROUND MOUNT, AC POWERED, TWO BEACONS. Includes cabinet and controller on Approved Products List by FDOT.

Item **PNC2119323B1--03-15 - Signing and Pavement Markings: SIGN BEACON,GROUND MOUNT,AC POWER,2 BCONS.Incl Cnty Naztec pager w/acc.**

Lot Description Signing and Pavement Markings

Quantity **1 assembly**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 1

**Description**

FDOT PAY ITEM No. 0700 12 12. FURNISH AND INSTALL GROUND MOUNT, AC POWERED, TWO BEACONS. Includes County Naztec pager unit with time switch, pager, communication cable, antenna, flashing beacon controller and cabinet on Approved Products List by FDOT.

Item **PNC2119323B1--03-16 - Signing and Pavement Markings: SIGN BEACON,GROUND MOUNT, SOLAR POWER, 2 BCONS. Incl Cnty Naztec pager w/acc.**

Lot Description Signing and Pavement Markings

Quantity **30 assembly**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 30

**Description**

FDOT PAY ITEM No. 0700 12 22. FURNISH AND INSTALL GROUND MOUNT, SOLAR POWERED, 2 BEACONS. Includes County Naztec pager unit with time switch, pager, communication cable, antenna, flashing beacon controller, solar panel, and cabinet on Approved Products List by FDOT.

Item **PNC2119323B1--03-17 - Signing and Pavement Markings: SIGN BEACON,GROUND MOUNT, SOLAR POWER, 2 BCONS. Incl solr pnl, cabnt and contrlr**

Lot Description Signing and Pavement Markings

Quantity **2 assembly**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 2

**Description**

FDOT PAY ITEM No. 0700 12 22. FURNISH AND INSTALL GROUND MOUNT, SOLAR POWERED, TWO BEACONS. Includes solar panel, cabinet, and controller on Approved Products List by FDOT.

Item **PNC2119323B1--03-18 - Signing and Pavement Markings: SIGN BEACON,OVERHEAD MOUNT, AC POWER, 2 BCONS. Incl cabinet and controller**

Lot Description Signing and Pavement Markings

Quantity **2 assembly**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301



Qty 2

**Description**

FDOT PAY ITEM No. 0700 12 32. FURNISH AND INSTALL OVERHEAD MOUNT, AC POWERED, TWO BEACONS. Includes cabinet and controller on Approved Products List by FDOT.

Item **PNC2119323B1--03-19 - Signing and Pavement Markings: SIGN BEACON,OVERHEAD MOUNT, AC POWER, 2 BCONS Incl Cnty Naztec pager w/acc.**

Lot Description Signing and Pavement Markings

Quantity **1 assembly**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 1

**Description**

FDOT PAY ITEM NO. 0700 12 32. FURNISH AND INSTALL OVERHEAD MOUNT, AC POWERED, TWO BEACONS. Includes County Naztec pager unit with time switch, pager, communication cable, antenna, flashing beacon controller and cabinet.

Item **PNC2119323B1--03-20 - Signing and Pavement Markings: SIGN BEACON,OVERHEAD MNT, SOLAR POWER,2 BCONS. Incl Cnty Naztec pager w/acc.**

Lot Description Signing and Pavement Markings

Quantity **10 assembly**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 10

**Description**

FDOT PAY ITEM No. 0700 12 32. FURNISH AND INSTALL OVERHEAD MOUNT, SOLAR POWERED, TWO BEACONS. Includes County Naztec pager unit with time switch, pager, communication cable, antenna, flashing beacon controller, solar panel, and cabinet.

Item **PNC2119323B1--03-21 - Signing and Pavement Markings: SIGN BEACON,OVERHEAD MOUNT,SOLAR POWER, 2 BCON Incl solr pnl, cabnt and contrlr**

Lot Description Signing and Pavement Markings

Quantity **2 assembly**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 2

**Description**

FDOT PAY ITEM No. 0700 12 32. FURNISH AND INSTALL OVERHEAD MOUNT, SOLAR POWERED, TWO BEACONS. Includes solar panel, cabinet, and controller on Approved Products List by FDOT.

Item **PNC2119323B1--03-22 - Signing and Pavement Markings: MULTI'POST SIGN. GROUND MOUNT, 21 TO 30 SQUARE FEET**

Lot Description Signing and Pavement Markings

Quantity **1 assembly**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 1

**Description**

FDOT PAY ITEM No. 0700 2 13. FURNISH AND INSTALL GROUND MOUNT, 21 TO 30 SQUARE FEET

Item **PNC2119323B1--03-23 - Signing and Pavement Markings: MULTI'POST SIGN. GROUND MOUNT, 31 TO 50 SQUARE FEET**

Lot Description Signing and Pavement Markings

Quantity **10 assembly**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 10

**Description**

FDOT PAY ITEM No. 0700 2 14. FURNISH AND INSTALL GROUND MOUNT, 31 TO 50 SQUARE FEET

Item **PNC2119323B1--03-24 - Signing and Pavement Markings: MULTI'POST SIGN. GROUND MOUNT, 51 TO 100 SQUARE FEET**

Lot Description Signing and Pavement Markings

Quantity **1 assembly**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 1

**Description**

FDOT PAY ITEM No. 0700 2 15. FURNISH AND INSTALL GROUND MOUNT, 51 TO 100 SQUARE FEET.

Item **PNC2119323B1--03-25 - Signing and Pavement Markings: MULTI'POST SIGN. RELOCATE**

Lot Description Signing and Pavement Markings

Quantity **1 assembly**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 1

**Description**

FDOT PAY ITEM No. 0700 2 50. GROUND MOUNT, RELOCATE

**Item** PNC2119323B1--03-26 - Signing and Pavement Markings: MULTI'POST SIGN. REMOVE.**Lot Description** Signing and Pavement Markings**Quantity** 3 assembly**Unit Price****Delivery Location** Broward County Board of County Commissioners[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 3

**Description**

FDOT PAY ITEM No. 0700 2 60. REMOVE

**Item** PNC2119323B1--03-27 - Signing and Pavement Markings: SIGN PANEL. GROUND MOUNT, UP TO 12 SQUARE FEET**Lot Description** Signing and Pavement Markings**Quantity** 25 each**Unit Price****Delivery Location** Broward County Board of County Commissioners[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 25

**Description**

FDOT PAY ITEM No. 0700 3101. FURNISH AND INSTALL GROUND MOUNT, UP TO 12 SQUARE FEET

**Item** PNC2119323B1--03-28 - Signing and Pavement Markings: SIGN PANEL. GROUND MOUNT, 12 TO 20 SQUARE FEET**Lot Description** Signing and Pavement Markings**Quantity** 10 each**Unit Price****Delivery Location** Broward County Board of County Commissioners[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 10

**Description**

FDOT PAY ITEM No. 0700 3102. FURNISH AND INSTALL GROUND MOUNT, 12 TO 20 SQUARE FEET.

**Item** PNC2119323B1--03-29 - Signing and Pavement Markings: SIGN PANEL. GROUND MOUNT, 21 TO 30 SQUARE FEET**Lot Description** Signing and Pavement Markings

Quantity **2 each**  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 2

**Description**

FDOT PAY ITEM No. 0700 3103. FURNISH AND INSTALL GROUND MOUNT, 21 TO 30 SQUARE FEET.

Item **PNC2119323B1--03-30 - Signing and Pavement Markings: SIGN PANEL. OVERHEAD MOUNT, UP TO 12 SQUARE FEET**  
Lot Description Signing and Pavement Markings  
Quantity **4 each**  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 4

**Description**

FDOT PAY ITEM No. 0700 3201. FURNISH AND INSTALL OVERHEAD MOUNT, UP TO 12 SQUARE FEET.

Item **PNC2119323B1--03-31 - Signing and Pavement Markings: SIGN PANEL. OVERHEAD MOUNT, 12 TO 20 SQUARE FEET**  
Lot Description Signing and Pavement Markings  
Quantity **2 each**  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 2

**Description**

FDOT PAY ITEM No. 0700 3202. FURNISH AND INSTALL OVERHEAD MOUNT, 12 TO 20 SQUARE FEET.

Item **PNC2119323B1--03-32 - Signing and Pavement Markings: SIGN PANEL. OVERHEAD MOUNT, 21 TO 30 SQUARE FEET**  
Lot Description Signing and Pavement Markings  
Quantity **2 each**  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 2

**Description**

FDOT PAY ITEM No. 0700 3203. FURNISH AND INSTALL OVERHEAD MOUNT, 21 TO 30 SQUARE FEET.

Item	<b>PNC2119323B1--03-33 - Signing and Pavement Markings: SIGN PANEL. OVERHEAD MOUNT, 31 TO 50 SQUARE FEET</b>
Lot Description	Signing and Pavement Markings
Quantity	10 each
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b> <a href="#">Refer to Specifications and Requirements</a> N/A N/A FL 33301 Qty 10

**Description**

FDOT PAY ITEM No. 0700 3204. FURNISH AND INSTALL OVERHEAD MOUNT, 31 TO 50 SQUARE FEET

Item	<b>PNC2119323B1--03-34 - Signing and Pavement Markings: SIGN PANEL. REMOVE, UP TO 12 SQUARE FEET</b>
Lot Description	Signing and Pavement Markings
Quantity	1 each
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b> <a href="#">Refer to Specifications and Requirements</a> N/A N/A FL 33301 Qty 1

**Description**

FDOT PAY ITEM No. 0700 3601. REMOVE, UP TO 12 SQUARE FEET

Item	<b>PNC2119323B1--03-35 - Signing and Pavement Markings: SIGN PANEL. REMOVE, 12 TO 20 SQUARE FEET</b>
Lot Description	Signing and Pavement Markings
Quantity	1 each
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b> <a href="#">Refer to Specifications and Requirements</a> N/A N/A FL 33301 Qty 1

**Description**

FDOT PAY ITEM No. 0700 3602. REMOVE, 12 TO 20 SQUARE FEET

Item	<b>PNC2119323B1--03-36 - Signing and Pavement Markings: SIGN PANEL. REMOVE, 21 TO 30 SQUARE FEET</b>
Lot Description	Signing and Pavement Markings
Quantity	1 each
Unit Price	<input type="text"/>

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 1

**Description**

FDOT PAY ITEM No. 0700 3603. REMOVE, 21 TO 30 SQUARE FEET

Item **PNC2119323B1--03-37 - Signing and Pavement Markings: SIGN PANEL. REMOVE, UP TO 50 SQUARE FEET WITH LIGHTING**

Lot Description Signing and Pavement Markings

Quantity **2 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 2

**Description**

FDOT PAY ITEM No. 0700 3624. REMOVE, UP TO 50 SQUARE FEET WITH LIGHTING

Item **PNC2119323B1--03-38 - Signing and Pavement Markings: SIGN PANEL. REMOVE, UP TO 51 TO 100 SQUARE FEET WITH LIGHTING**

Lot Description Signing and Pavement Markings

Quantity **1 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 1

**Description**

FDOT PAY ITEM No. 0700 3625. REMOVE, UP TO 51 TO 100 SQUARE FEET WITH LIGHTING

Item **PNC2119323B1--03-39 - Signing and Pavement Markings: INTERNALLY ILLUMINATED SIGN, OVERHEAD MOUNT UP TO 12 SQUARE FEET**

Lot Description Signing and Pavement Markings

Quantity **14 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 14

**Description**

FDOT PAY ITEM No. 0700 5 21. FURNISH AND INSTALL OVERHEAD MOUNT, UP TO 12 SQUARE FEET. Single-sided, bracket-mount from rear of sign enclosure; high-output LED light engine: minimum output = 50 lumens per watt; 3M diamond grade or equivalent translucent sheeting; includes all brackets and cabling to power supply.

---

Item	<b>PNC2119323B1--03-40 - Signing and Pavement Markings: INTERNALLY ILLUMINATED SIGN,OVERHEAD MOUNT, 12 TO 18 SQUARE FEET</b>
Lot Description	Signing and Pavement Markings
Quantity	<b>4 each</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	<b>Qty 4</b>

**Description**

FDOT PAY ITEM No. 0700 5 22. FURNISH AND INSTALL OVERHEAD MOUNT, 12 TO 18 SQUARE FEET. Single-sided, bracket-mount from rear of sign enclosure; high-output LED light engine: minimum output = 50 lumens per watt; 3M diamond grade or equivalent translucent sheeting; includes all brackets and cabling to power supply.

---

---

Item	<b>PNC2119323B1--03-41 - Signing and Pavement Markings: OBJECT MARKER, TYPE 1</b>
Lot Description	Signing and Pavement Markings
Quantity	<b>10 each</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	<b>Qty 10</b>

**Description**

FDOT PAY ITEM No. 0705 10 1. FURNISH AND INSTALL, TYPE 1.

---

---

Item	<b>PNC2119323B1--03-42 - Signing and Pavement Markings: OBJECT MARKER, TYPE 4</b>
Lot Description	Signing and Pavement Markings
Quantity	<b>10 each</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	<b>Qty 10</b>

**Description**

FDOT PAY ITEM No. 0705 10 4. FURNISH AND INSTALL, TYPE 4.

---

---

Item	<b>PNC2119323B1--03-43 - Signing and Pavement Markings: RETRO-REFLECTIVE PAVEMENT MARKERS</b>
Lot Description	Signing and Pavement Markings
Quantity	<b>500 each</b>
Unit Price	<input type="text"/>

---

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 500

**Description**

FDOT PAY ITEM No. 0706 3. RETRO-REFLECTIVE PAVEMENT MARKERS

Item **PNC2119323B1--03-44 - Signing and Pavement Markings: PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6 INCH**

Lot Description Signing and Pavement Markings

Quantity **1 mile**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 1

**Description**

FDOT PAY ITEM No. 0710 11101. STANDARD, WHITE, SOLID, 6 INCH. Price is per gross mile.

Item **PNC2119323B1--03-45 - Signing and Pavement Markings: PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 12 INCH**

Lot Description Signing and Pavement Markings

Quantity **500 linear foot**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 500

**Description**

FDOT PAY ITEM No. 0710 11123. STANDARD, WHITE, SOLID FOR CROSSWALK AND ROUNDABOUT, 12 INCH.

Item **PNC2119323B1--03-46 - Signing and Pavement Markings: PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 18 INCH**

Lot Description Signing and Pavement Markings

Quantity **100 linear foot**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 100

**Description**

FDOT PAY ITEM No. 0710 11124. STANDARD, WHITE, SOLID FOR DIAGONAL OR CHEVRON, 18 INCH.



Item **PNC2119323B1--03-47 - Signing and Pavement Markings: PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 24 INCH**

Lot Description Signing and Pavement Markings

Quantity **300 linear foot**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 300

**Description**

FDOT PAY ITEM No. 0710 11125. STANDARD, WHITE, SOLID FOR STOP LINE OR CROSSWALK, 24 INCH.

Item **PNC2119323B1--03-48 - Signing and Pavement Markings: PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SKIP, 10 30 OR 3 9 SKIP, 6 INCH WIDE**

Lot Description Signing and Pavement Markings

Quantity **0.3 mile**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 0.3

**Description**

FDOT PAY ITEM No. 0710 11131. STANDARD, WHITE, SKIP, 10 30 OR 3 9 SKIP, 6 INCH WIDE. Price is per gross mile.

Item **PNC2119323B1--03-49 - Signing and Pavement Markings: PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, 2-4 OR 6-10 DOTTED, 6 INCH**

Lot Description Signing and Pavement Markings

Quantity **0.3 mile**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 0.3

**Description**

FDOT PAY ITEM No. 0710 11141. STANDARD, WHITE, 2 4 DOTTED GUIDELINE, 6 10 DOTTED EXTENSION, 6 INCH. Price is per gross mile.

Item **PNC2119323B1--03-50 - Signing and Pavement Markings: PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, MESSAGE OR SYMBOL**

Lot Description Signing and Pavement Markings

Quantity **5 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 5

**Description**

FDOT PAY ITEM No. 0710 11160. STANDARD, WHITE, MESSAGE OR SYMBOL.

**Item** PNC2119323B1--03-51 - Signing and Pavement Markings: PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ARROWS**Lot Description** Signing and Pavement Markings**Quantity** 5 each**Unit Price** **Delivery Location** Broward County Board of County Commissioners[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 5

**Description**

FDOT PAY ITEM No. 0710 11170. STANDARD, WHITE, ARROWS.

**Item** PNC2119323B1--03-52 - Signing and Pavement Markings: PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, YIELD LINE**Lot Description** Signing and Pavement Markings**Quantity** 30 linear foot**Unit Price** **Delivery Location** Broward County Board of County Commissioners[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 30

**Description**

FDOT PAY ITEM No. 0710 11180. STANDARD, WHITE, YIELD LINE.

**Item** PNC2119323B1--03-53 - Signing and Pavement Markings: PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ISLAND NOSE**Lot Description** Signing and Pavement Markings**Quantity** 20 square foot**Unit Price** **Delivery Location** Broward County Board of County Commissioners[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 20

**Description**

FDOT PAY ITEM No. 0710 11190. STANDARD, WHITE, ISLAND NOSE.

Item **PNC2119323B1--03-54 - Signing and Pavement Markings: PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6 INCH**

Lot Description Signing and Pavement Markings

Quantity **1 mile**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 1

**Description**

FDOT PAY ITEM No. 0710 11201. STANDARD, YELLOW, SOLID, 6 INCH. Price is per gross mile.

Item **PNC2119323B1--03-55 - Signing and Pavement Markings: PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 18 INCH**

Lot Description Signing and Pavement Markings

Quantity **70 linear foot**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 70

**Description**

FDOT PAY ITEM No. 0710 11224. STANDARD, YELLOW, SOLID FOR DIAGONAL OR CHEVRON, 18 INCH.

Item **PNC2119323B1--03-56 - Signing and Pavement Markings: PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SKIP, 6 INCH**

Lot Description Signing and Pavement Markings

Quantity **1 mile**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 1

**Description**

FDOT PAY ITEM No. 0710 11231. STANDARD, YELLOW, SKIP, 6 INCH. Price is per gross mile.

Item **PNC2119323B1--03-57 - Signing and Pavement Markings: PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, 2-4 OR 6-10 DOTTED, 6 INCH**

Lot Description Signing and Pavement Markings

Quantity **0.3 mile**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A  
N/A FL 33301  
Qty 0.3

**Description**

FDOT PAY ITEM No. 0710 11241. STANDARD, YELLOW, 2 4 DOTTED GUIDELINE, 6 10 DOTTED EXTENSION, 6 INCH. Price is per gross mile.

**Item** PNC2119323B1--03-58 - Signing and Pavement Markings: PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, ISLAND NOSE

**Lot Description** Signing and Pavement Markings

**Quantity** 200 square foot

**Unit Price**

**Delivery Location** Broward County Board of County Commissioners

[Refer to Specifications and Requirements](#)

N/A  
N/A FL 33301  
Qty 200

**Description**

FDOT PAY ITEM No. 0710 11290. STANDARD, YELLOW, ISLAND NOSE.

**Item** PNC2119323B1--03-59 - Signing and Pavement Markings: THERMOPLASTIC PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 12 INCH

**Lot Description** Signing and Pavement Markings

**Quantity** 3000 linear foot

**Unit Price**

**Delivery Location** Broward County Board of County Commissioners

[Refer to Specifications and Requirements](#)

N/A  
N/A FL 33301  
Qty 3000

**Description**

FDOT PAY ITEM No. 0711 11123. STANDARD, WHITE, SOLID, 12 INCH FOR CROSSWALK AND ROUNDABOUT.

**Item** PNC2119323B1--03-60 - Signing and Pavement Markings: THERMOPLASTIC PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 18 INCH

**Lot Description** Signing and Pavement Markings

**Quantity** 300 linear foot

**Unit Price**

**Delivery Location** Broward County Board of County Commissioners

[Refer to Specifications and Requirements](#)

N/A  
N/A FL 33301  
Qty 300

**Description**

FDOT PAY ITEM No. 0711 11124. STANDARD, WHITE, SOLID, 18 INCH FOR DIAGONALS AND CHEVRONS.

Item **PNC2119323B1--03-61 - Signing and Pavement Markings: THERMOPLASTIC PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 24 INCH**

Lot Description **Signing and Pavement Markings**

Quantity **3000 linear foot**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 3000

**Description**

FDOT PAY ITEM No. 0711 11125. STANDARD, WHITE, SOLID, 24 INCH FOR STOP LINE AND CROSSWALK.

Item **PNC2119323B1--03-62 - Signing and Pavement Markings: THERMOPLASTIC PAVEMENT MARKINGS, STANDARD, WHITE, 2-4 OR 6-10 DOTTED, 6 INCH**

Lot Description **Signing and Pavement Markings**

Quantity **0.4 mile**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 0.4

**Description**

FDOT PAY ITEM No. 0711 11141. STANDARD, WHITE, 2 4 DOTTED GUIDELINE, 6 10 GAP EXTENSION, 6 INCH. Price is per gross mile.

Item **PNC2119323B1--03-63 - Signing and Pavement Markings: THERMOPLASTIC PAVEMENT MARKINGS, STANDARD, WHITE, MESSAGE OR SYMBOL**

Lot Description **Signing and Pavement Markings**

Quantity **55 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 55

**Description**

FDOT PAY ITEM No. 0711 11160. STANDARD, WHITE, MESSAGE OR SYMBOL.

Item **PNC2119323B1--03-64 - Signing and Pavement Markings: THERMOPLASTIC PAVEMENT MARKINGS, STANDARD, WHITE, ARROW**

Lot Description **Signing and Pavement Markings**

Quantity **50 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A  
N/A FL 33301  
Qty 50

**Description**

FDOT PAY ITEM No. 0711 11170. STANDARD, WHITE, ARROW.

---

Item	<b>PNC2119323B1--03-65 - Signing and Pavement Markings: THERMOPLASTIC PAVEMENT MARKINGS, STANDARD, WHITE, YIELD LINE</b>
Lot Description	Signing and Pavement Markings
Quantity	<b>60 linear foot</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	Qty 60

**Description**

FDOT PAY ITEM No. 0711 11180. STANDARD, WHITE, YIELD LINE.

---

Item	<b>PNC2119323B1--03-66 - Signing and Pavement Markings: THERMOPLASTIC PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 18 INCH</b>
Lot Description	Signing and Pavement Markings
Quantity	<b>200 linear foot</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	Qty 200

**Description**

FDOT PAY ITEM No. 0711 11224. STANDARD, YELLOW, SOLID, 18 INCH FOR DIAGONAL OR CHEVRON.

---

Item	<b>PNC2119323B1--03-67 - Signing and Pavement Markings: THERMOPLASTIC PAVEMENT MARKINGS, STANDARD, YELLOW, 2-4 OR 6-10 DOTTED, 6 INCH</b>
Lot Description	Signing and Pavement Markings
Quantity	<b>0.3 mile</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	Qty 0.3

**Description**

FDOT PAY ITEM No. 0711 11241. STANDARD, YELLOW, 2 4 DOTTED GUIDE LINE, 6 10 DOTTED EXTENSION LINE, 6 INCH. Price is per gross mile.

Item **PNC2119323B1--03-68 - Signing and Pavement Markings: THERMOPLASTIC PAVEMENT MARKINGS, PREFORMED, WHITE, MESSAGE**

Lot Description Signing and Pavement Markings

Quantity **30 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 30

**Description**

FDOT PAY ITEM No. 0711 14160. PREFORMED, WHITE, MESSAGE.

Item **PNC2119323B1--03-69 - Signing and Pavement Markings: THERMOPLASTIC PAVEMENT MARKINGS, PREFORMED, WHITE, ARROW**

Lot Description Signing and Pavement Markings

Quantity **30 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 30

**Description**

FDOT PAY ITEM No. 0711 14170. PREFORMED, WHITE, ARROW.

Item **PNC2119323B1--03-70 - Signing and Pavement Markings: THERMOPLASTIC PAVEMENT MARKINGS, STANDARD, OTHER SURFACES, WHITE, SOLID, 6 INCH**

Lot Description Signing and Pavement Markings

Quantity **1 mile**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 1

**Description**

FDOT PAY ITEM No. 0711 16101. STANDARD, OTHER SURFACES, WHITE, SOLID, 6 INCH. Price is per gross mile.

Item **PNC2119323B1--03-71 - Signing and Pavement Markings: THERMOPLASTIC PAVEMENT MARKINGS, STANDARD, OTHER SURFACES, WHITE, SOLID, 8 INCH**

Lot Description Signing and Pavement Markings

Quantity **0.5 mile**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A  
N/A FL 33301  
Qty 0.5

**Description**

FDOT PAY ITEM No. 0711 16102. STANDARD, OTHER SURFACES, WHITE, SOLID, 8 INCH. Price is per gross mile.

Item **PNC2119323B1--03-72 - Signing and Pavement Markings: THERMOPLASTIC PAVEMENT MARKINGS, WHITE, SKIP, 6 INCH,10-30 OR 3-9 LANE DROP**

Lot Description Signing and Pavement Markings

Quantity **1 mile**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A  
N/A FL 33301  
Qty 1

**Description**

FDOT PAY ITEM No. 0711 16131. OTHER SURFACES, WHITE, SKIP, 6 INCH,10 30 SKIP OR 3 9 LANE DROP. Price is per gross mile.

Item **PNC2119323B1--03-73 - Signing and Pavement Markings: THERMOPLASTIC PAVEMENT MARKINGS, STANDARD, OTHER SURFACES, YELLOW, SOLID, 6 INCH**

Lot Description Signing and Pavement Markings

Quantity **1 mile**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A  
N/A FL 33301  
Qty 1

**Description**

FDOT PAY ITEM No. 0711 16201. STANDARD, OTHER SURFACES, YELLOW, SOLID, 6 INCH. Price is per gross mile.

Item **PNC2119323B1--03-74 - Signing and Pavement Markings: THERMOPLASTIC PAVEMENT MARKINGS, STANDARD, OTHER SURFACES, YELLOW, SOLID, 8 INCH**

Lot Description Signing and Pavement Markings

Quantity **0.5 mile**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A  
N/A FL 33301

**Description**

FDOT PAY ITEM No. 0711 16202. STANDARD, OTHER SURFACES, YELLOW, SOLID, 8 INCH. Price is per gross mile.

Item **PNC2119323B1--03-75 - Signing and Pavement Markings: THERMOPLASTIC PAVEMENT MARKINGS, STANDARD, OTHER SURFACES, YELLOW, SKIP, 6 INCH**



Lot Description Signing and Pavement Markings  
Quantity 0.5 mile  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 0.5

**Description**

FDOT PAY ITEM No. 0711 16231. STANDARD, OTHER SURFACES, YELLOW, SKIP, 6 INCH. Price is per gross mile.

Item **PNC2119323B1--03-76 - Signing and Pavement Markings: THERMOPLASTIC PAVEMENT MARKINGS, REMOVE, NON-CONFLICTING ONLY**  
Lot Description Signing and Pavement Markings  
Quantity 2000 square foot  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 2000

**Description**

FDOT PAY ITEM No. 0711 17. REMOVE, NON-CONFLICTING ONLY

Item **PNC2119323B1--04-01 - Lighting: LIGHTING CONDUCTORS. , INSULATED, No. 10 OR <**  
Lot Description Lighting  
Quantity 500 linear foot  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 500

**Description**

FDOT PAY ITEM No. 0715 1 11. FURNISH AND INSTALL, INSULATED, No. 10 OR &lt;

Item **PNC2119323B1--04-02 - Lighting: LIGHTING CONDUCTORS. , INSULATED No. 8 TO 6**  
Lot Description Lighting  
Quantity 15000 linear foot  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 15000

**Description**

FDOT PAY ITEM No. 0715 1 12. FURNISH AND INSTALL, INSULATED No. 8 TO 6

Item **PNC2119323B1--04-03 - Lighting: LIGHTING CONDUCTORS. , INSULATED No. 4 TO 2**  
Lot Description Lighting  
Quantity **5000 linear foot**  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 5000

**Description**

FDOT PAY ITEM No. 0715 1 13. FURNISH AND INSTALL, INSULATED No. 4 TO 2

Item **PNC2119323B1--04-04 - Lighting: LIGHTING CONDUCTORS. REMOVE AND DISPOSE, CONTRACTOR OWNS**  
Lot Description Lighting  
Quantity **500 linear foot**  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 500

**Description**

FDOT PAY ITEM No. 0715 1 60. REMOVE AND DISPOSE, CONTRACTOR OWNS

Item **PNC2119323B1--04-05 - Lighting: LIGHTING CONDUCTORS. REMOVE AND STOCKPILE, FDOT OR MAINTAINING AGENCY OWNS**  
Lot Description Lighting  
Quantity **500 linear foot**  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 500

**Description**

FDOT PAY ITEM No. 0715 1 70. REMOVE AND STOCKPILE, FDOT OR MAINTAINING AGENCY OWNS

Item **PNC2119323B1--04-06 - Lighting: LOAD CENTER. , SECONDARY VOLTAGE**  
Lot Description Lighting  
Quantity **5 each**  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)

N/A  
N/A FL 33301  
Qty 5

**Description**

FDOT PAY ITEM No. 0715 7 11. FURNISH AND INSTALL, SECONDARY VOLTAGE

---

Item	<b>PNC2119323B1--04-07 - Lighting: LOAD CENTER. , PRIMARY VOLTAGE</b>
Lot Description	Lighting
Quantity	<b>1 each</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	Qty 1

**Description**

FDOT PAY ITEM No. 0715 7 12. FURNISH AND INSTALL, PRIMARY VOLTAGE

---

Item	<b>PNC2119323B1--04-08 - Lighting: LOAD CENTER. REMOVE, SECONDARY VOLTAGE.</b>
Lot Description	Lighting
Quantity	<b>1 each</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	Qty 1

**Description**

FDOT PAY ITEM No. 0715 7 41. REMOVE, SECONDARY VOLTAGE

---

Item	<b>PNC2119323B1--04-09 - Lighting: LOAD CENTER. REMOVE, PRIMARY VOLTAGE.</b>
Lot Description	Lighting
Quantity	<b>1 each</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	Qty 1

**Description**

FDOT PAY ITEM No. 0715 7 42. REMOVE, PRIMARY VOLTAGE

---

Item	<b>PNC2119323B1--04-10 - Lighting: LUMINAIRE, LED</b>
Lot Description	Lighting
Quantity	<b>300 each</b>
Unit Price	<input type="text"/>

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 300

**Description**

FDOT PAY ITEM No. 0715 11211. FURNISH AND INSTALL, REPLACE EXISTING LUMINAIRE ON EXISTING POLE, ARM, ROADWAY, COBRA HEAD. For LED use only

Item **PNC2119323B1--04-11 - Lighting: LIGHTING POLE CABLE DISTRIBUTION SYSTEM.**

Lot Description Lighting

Quantity **2 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 2

**Description**

Item **PNC2119323B1--04-12 - Lighting: LIGHT POLE COMPLETE, 30FT MH LUMINAIRE, POLE, FOUNDATION.**

Lot Description Lighting

Quantity **2 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 2

**Description**

FDOT PAY ITEM No. 0715 4 11. FURNISH AND INSTALL, STANDARD POLE, STANDARD FOUNDATION, 30 FOOT MOUNTING HEIGHT. Includes arm length up to 15 feet.

Item **PNC2119323B1--04-13 - Lighting: LIGHT POLE COMPLETE, 35FT MH LUMINAIRE, POLE, FOUNDATION.**

Lot Description Lighting

Quantity **2 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 2

**Description**

FDOT PAY ITEM No. 0715 4 12. FURNISH AND INSTALL, STANDARD POLE, STANDARD FOUNDATION, 35 FOOT MOUNTING HEIGHT. Includes arm length up to 15 feet.

---

Item	<b>PNC2119323B1--04-14 - Lighting: LIGHT POLE COMPLETE, 40FT MH LUMINAIRE, POLE, FOUNDATION.</b>
Lot Description	Lighting
Quantity	<b>30 each</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	<b>Qty 30</b>

**Description**

FDOT PAY ITEM No. 0715 4 13. FURNISH AND INSTALL, STANDARD POLE, STANDARD FOUNDATION, 40 FOOT MOUNTING HEIGHT. Includes arm length up to 15 feet.

---

---

Item	<b>PNC2119323B1--04-15 - Lighting: LIGHT POLE COMPLETE, 45FT MH LUMINAIRE, POLE, FOUNDATION.</b>
Lot Description	Lighting
Quantity	<b>50 each</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	<b>Qty 50</b>

**Description**

FDOT PAY ITEM No. 0715 4 14. FURNISH AND INSTALL, STANDARD POLE, STANDARD FOUNDATION, 45 FOOT MOUNTING HEIGHT. Includes arm length up to 15 feet.

---

---

Item	<b>PNC2119323B1--04-16 - Lighting: LIGHT POLE COMPLETE, 50FT MH LUMINAIRE, POLE, FOUNDATION.</b>
Lot Description	Lighting
Quantity	<b>2 each</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	<b>Qty 2</b>

**Description**

FDOT PAY ITEM No. 0715 4 15. FURNISH AND INSTALL, STANDARD POLE, STANDARD FOUNDATION, 50 FOOT MOUNTING HEIGHT. Includes arm length up to 15 feet.

---

---

Item	<b>PNC2119323B1--04-17 - Lighting: LIGHT POLE COMPLETE, RELOCATE</b>
Lot Description	Lighting
Quantity	<b>2 each</b>

---

Unit Price Delivery Location **Broward County Board of County Commissioners**[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 2

**Description**

FDOT PAY ITEM No. 0715 4 60. RELOCATE. Includes removal of old foundation and fill required to fill the void of the old foundation, installation of new foundation, and all incidentals for installation/operation.

Item **PNC2119323B1--04-18 - Lighting: LIGHT POLE COMPLETE, REMOVE, LUMINAIRE, POLE, FOUNDATION.**

Lot Description Lighting

Quantity 50 each

Unit Price Delivery Location **Broward County Board of County Commissioners**[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 50

**Description**

FDOT PAY ITEM No. 0715 4 70. REMOVE POLE AND FOUNDATION. Includes removal of old foundation and light pole complete as well as delivery of salvageable material to the County stock yard or the disposal of non-salvageable material. Includes fill required to fill the void of the old foundation.

Item **PNC2119323B1--04-19 - Lighting: LIGHT POLE COMPLETE, REMOVE, LUMINAIRE, POLE, FOUNDATION REMAINS**

Lot Description Lighting

Quantity 3 each

Unit Price Delivery Location **Broward County Board of County Commissioners**[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 3

**Description**

FDOT PAY ITEM No. 0715 4 71. REMOVE POLE, FOUNDATION REMAINS. Includes removal of light pole complete as well as delivery of salvageable material to the County stock yard or the disposal of non-salvageable material.

Item **PNC2119323B1--04-20 - Lighting: LIGHT POLE CABLE DISTRIBUTION SYSTEM, CONVENTIONAL**

Lot Description Lighting

Quantity 50 each

Unit Price Delivery Location **Broward County Board of County Commissioners**[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 50

**Description**

FDOT PAY ITEM No. 0715 500 1. LIGHT POLE CABLE DISTRIBUTION SYSTEM, CONVENTIONAL

**Item** PNC2119323B1--04-21 - Lighting: LIGHTING POLE COMPLETE.**Lot Description** Lighting**Quantity** 50 each**Unit Price** **Delivery Location** Broward County Board of County Commissioners[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 50

**Description**

BROWARD COUNTY PAY ITEM N/A. F&amp;I, ROUND CONCRETE POLE STANDARD - AMERON SER-4, APPROXIMATELY 13 ft. 1 in. HEIGHT, OR APPROVED EQUAL. PRICE FOR THIS ITEM INCLUDES WIND LOAD CALCULATIONS/CERTIFICATION.

**Item** PNC2119323B1--04-22 - Lighting: LIGHTING POLE COMPLETE.**Lot Description** Lighting**Quantity** 50 each**Unit Price** **Delivery Location** Broward County Board of County Commissioners[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 50

**Description**

BROWARD COUNTY PAY ITEM N/A. F&amp;I, ROUND CONCRETE POLE STANDARD - AMERON SER-5, APPROXIMATELY 16.5 ft. 1 in. HEIGHT, OR APPROVED EQUAL. PRICE FOR THIS ITEM INCLUDES WIND LOAD CALCULATIONS/CERTIFICATION.

**Item** PNC2119323B1--04-23 - Lighting: LUMINAIRE**Lot Description** Lighting**Quantity** 25 each**Unit Price** **Delivery Location** Broward County Board of County Commissioners[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 25

**Description**

BROWARD COUNTY PAY ITEM N/A. F&amp;I, SOLAR GARDEN LIGHT 2 (SGL2), LED 3500K BY SOLOR PATH SUN, OR APPROVED EQUAL.

**Item** PNC2119323B1--04-24 - Lighting: LUMINAIRE**Lot Description** Lighting**Quantity** 50 each

Unit Price Delivery Location **Broward County Board of County Commissioners**[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 50

**Description**

BROWARD COUNTY PAY ITEM N/A. F&amp;I, EVEREST II SOLAR LAMP, 2 (SGL2), LED 2700K AS SOLD BY OUTDOOR SOLOR STORE, OR APPROVED EQUAL.

Item **PNC2119323B1--05-01 - Utility: UTILITY FITTINGS.. REMOVE AND DISPOSE**

Lot Description Utility

Quantity **3 each**Unit Price Delivery Location **Broward County Board of County Commissioners**[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 3

**Description**

FDOT PAY ITEM No. 1055 16. REMOVE AND DISPOSAL

Item **PNC2119323B1--05-02 - Utility: UTILITY FIXTURE, VALVE, METER BOX. FURNISH & INSTALL, 1.5 INCH**

Lot Description Utility

Quantity **3 each**Unit Price Delivery Location **Broward County Board of County Commissioners**[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 3

**Description**

FDOT PAY ITEM No. 1080 21101. VALVE, METER BOX, FURNISH &amp; INSTALL, 1.5 INCH.

Item **PNC2119323B1--05-03 - Utility: UTILITY FIXTURE, VALVE, METER BOX. FURNISH & INSTALL, 2 INCH.**

Lot Description Utility

Quantity **3 each**Unit Price Delivery Location **Broward County Board of County Commissioners**[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 3

**Description**

FDOT PAY ITEM No. 1080 21102. VALVE, METER BOX, FURNISH &amp; INSTALL, 2 INCH.



Item **PNC2119323B1--05-04 - Utility: UTILITY FIXTURE, VALVE, METER BOX. ADJUST.**  
Lot Description Utility  
Quantity **3 each**  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 3

**Description**

FDOT PAY ITEM No. 1080 21500. VALVE, METER BOX, ADJUST.

Item **PNC2119323B1--05-05 - Utility: FIRE HYDRANT. RELOCATE**  
Lot Description Utility  
Quantity **3 each**  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 3

**Description**

FDOT PAY ITEM No. 1644800. RELOCATE FIRE HYDRANT.

Item **PNC2119323B1--06-01 - Water and Sanitary Pressure Main: UTILITY FIXTURE, AIR RELEASE VALVE**  
Lot Description Water and Sanitary Pressure Main  
Quantity **2 each**  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 2

**Description**

BROWARD COUNTY PAY ITEM N/A. F&amp;I AIR RELEASE VALVES 6 INCH

Item **PNC2119323B1--06-02 - Water and Sanitary Pressure Main: UTILITY FIXTURE, AIR RELEASE VALVE**  
Lot Description Water and Sanitary Pressure Main  
Quantity **2 each**  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A

N/A FL 33301

Qty 2

**Description**

BROWARD COUNTY PAY ITEM N/A. F&amp;I AIR RELEASE VALVES 8 INCH

---

Item	<b>PNC2119323B1--06-03 - Water and Sanitary Pressure Main: UTILITY FIXTURE, FIRE HYDRANT HYDRANT</b>
Lot Description	Water and Sanitary Pressure Main
Quantity	<b>6 each</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	<b>Qty 6</b>

**Description**

BROWARD COUNTY PAY ITEM N/A. F&amp;I FIRE HYDRANT

---

Item	<b>PNC2119323B1--06-04 - Water and Sanitary Pressure Main: UTILITY FIXTURE, SERVICE SADDLE</b>
Lot Description	Water and Sanitary Pressure Main
Quantity	<b>3 each</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	<b>Qty 3</b>

**Description**

BROWARD COUNTY PAY ITEM N/A. F&amp;I STAINLESS STEEL DOUBLE STRAP SERVICE SADDLE (6 INCH OR 8 INCH)

---

Item	<b>PNC2119323B1--06-05 - Water and Sanitary Pressure Main: UTILITY FIXTURE, CEMENT LINED DIP PIPE</b>
Lot Description	Water and Sanitary Pressure Main
Quantity	<b>250 linear foot</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	<b>Qty 250</b>

**Description**

BROWARD COUNTY PAY ITEM N/A. F&amp;I 4 INCH DIAMETER CEMENT LINED DUCTILE IRON PIPE, 3 FOOT to 5 FOOT DEPTH OF COVER

Item **PNC2119323B1--06-06 - Water and Sanitary Pressure Main: UTILITY FIXTURE, CEMENT  
LINED DIP PIPE**

Lot Description Water and Sanitary Pressure Main

Quantity **280 linear foot**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

**Qty 280**

**Description**

BROWARD COUNTY PAY ITEM N/A. F&I 6 INCH DIAMETER CEMENT LINED DUCTILE IRON PIPE, 3 FOOT to 5 FOOT DEPTH OF COVER

Item **PNC2119323B1--06-07 - Water and Sanitary Pressure Main: UTILITY FIXTURE, CEMENT  
LINED DIP PIPE**

Lot Description Water and Sanitary Pressure Main

Quantity **2000 linear foot**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

**Qty 2000**

**Description**

BROWARD COUNTY PAY ITEM N/A. F&I 8 INCH DIAMETER CEMENT LINED DUCTILE IRON PIPE, 3 FOOT to 5 FOOT DEPTH OF COVER

Item **PNC2119323B1--06-08 - Water and Sanitary Pressure Main: UTILITY FIXTURE, DIP PIPE**

Lot Description Water and Sanitary Pressure Main

Quantity **250 linear foot**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

**Qty 250**

**Description**

BROWARD COUNTY PAY ITEM N/A. F&I 4 INCH DIAMETER DUCTILE IRON PIPE, 3 FOOT to 5 FOOT DEPTH OF COVER

Item **PNC2119323B1--06-09 - Water and Sanitary Pressure Main: UTILITY FIXTURE, DIP PIPE**

Lot Description Water and Sanitary Pressure Main

Quantity **280 linear foot**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 280

**Description**

BROWARD COUNTY PAY ITEM N/A. F&amp;I 6 INCH DIAMETER DUCTILE IRON PIPE, 3 FOOT to 5 FOOT DEPTH OF COVER

---

Item	<b>PNC2119323B1--06-10 - Water and Sanitary Pressure Main: UTILITY FIXTURE, DIP PIPE</b>
Lot Description	Water and Sanitary Pressure Main
Quantity	<b>2000 linear foot</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	<b>Qty 2000</b>

**Description**

BROWARD COUNTY PAY ITEM N/A. F&amp;I 8 INCH DIAMETER DUCTILE IRON PIPE, 3 FOOT to 5 FOOT DEPTH OF COVER

---

Item	<b>PNC2119323B1--06-11 - Water and Sanitary Pressure Main: UTILITY FIXTURE, HDPE PIPE</b>
Lot Description	Water and Sanitary Pressure Main
Quantity	<b>700 linear foot</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	<b>Qty 700</b>

**Description**

BROWARD COUNTY PAY ITEM N/A. F&amp;I 4 INCH, DR 9, C-906, COLOR CODED HDPE PIPE

---

Item	<b>PNC2119323B1--06-12 - Water and Sanitary Pressure Main: UTILITY FIXTURE, HDPE PIPE</b>
Lot Description	Water and Sanitary Pressure Main
Quantity	<b>250 linear foot</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	<b>Qty 250</b>

**Description**

BROWARD COUNTY PAY ITEM N/A. F&amp;I 6 INCH DR 9, C-906, COLOR CODED HDPE PIPE

---

Item	<b>PNC2119323B1--06-13 - Water and Sanitary Pressure Main: UTILITY FIXTURE, HDPE PIPE</b>
Lot Description	Water and Sanitary Pressure Main
Quantity	<b>2500 linear foot</b>
Unit Price	<input type="text"/>

---

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 2500

**Description**

BROWARD COUNTY PAY ITEM N/A. F&I 8 INCH DR 9, C-906, COLOR CODED HDPE PIPE

Item **PNC2119323B1--06-14 - Water and Sanitary Pressure Main: UTILITY FIXTURE, HDPE PIPE**

Lot Description Water and Sanitary Pressure Main

Quantity **250 linear foot**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 250

**Description**

BROWARD COUNTY PAY ITEM N/A. F&I 12 INCH DR 9, C-906, COLOR CODED HDPE PIPE

Item **PNC2119323B1--06-15 - Water and Sanitary Pressure Main: UTILITY FIXTURE, CEMENT LINED FITTINGS**

Lot Description Water and Sanitary Pressure Main

Quantity **8 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 8

**Description**

BROWARD COUNTY PAY ITEM N/A. F&I 4 INCH, MECHANICAL JOINT, CEMENT LINED DUCTILE IRON FITTINGS; 22 DEGREE, 45 DEGREE OR 90 BENDS.

Item **PNC2119323B1--06-16 - Water and Sanitary Pressure Main: UTILITY FIXTURE, CEMENT LINED DIP FITTINGS**

Lot Description Water and Sanitary Pressure Main

Quantity **12 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 12

**Description**

BROWARD COUNTY PAY ITEM N/A. F&I 4 INCH MECHANICAL JOINT, CEMENT LINED DUCTILE IRON FITTINGS; TEE OR WYE

Item **PNC2119323B1--06-17 - Water and Sanitary Pressure Main: UTILITY FIXTURE, CEMENT LINED DIP FITTINGS**

Lot Description Water and Sanitary Pressure Main

Quantity **5 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 5

**Description**

BROWARD COUNTY PAY ITEM N/A. F&I 4 INCH, MECHANICAL JOINT, CEMENT LINED DUCTILE IRON FITTINGS; CAP OR PLUG

Item **PNC2119323B1--06-18 - Water and Sanitary Pressure Main: UTILITY FIXTURE, CEMENT LINED DIP FITTINGS**

Lot Description Water and Sanitary Pressure Main

Quantity **6 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 6

**Description**

BROWARD COUNTY PAY ITEM N/A. F&I 6 INCH, MECHANICAL JOINT, CEMENT LINED DUCTILE IRON FITTINGS; 22 DEGREE, 45 DEGREE OR 90 BENDS.

Item **PNC2119323B1--06-19 - Water and Sanitary Pressure Main: UTILITY FIXTURE, CEMENT LINED DIP FITTINGS**

Lot Description Water and Sanitary Pressure Main

Quantity **5 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 5

**Description**

BROWARD COUNTY PAY ITEM N/A. F&I 6 INCH MECHANICAL JOINT, CEMENT LINED DUCTILE IRON FITTINGS; TEE OR WYE

Item **PNC2119323B1--06-20 - Water and Sanitary Pressure Main: UTILITY FIXTURE, CEMENT LINED DIP FITTINGS**

Lot Description Water and Sanitary Pressure Main

Quantity **5 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 5

**Description**

BROWARD COUNTY PAY ITEM N/A. F&amp;I 6 INCH, MECHANICAL JOINT, CEMENT LINED DUCTILE IRON FITTINGS; CAP OR PLUG

**Item** PNC2119323B1--06-21 - Water and Sanitary Pressure Main: UTILITY FIXTURE, CEMENT LINED DIP FITTINGS**Lot Description** Water and Sanitary Pressure Main**Quantity** 30 each**Unit Price** **Delivery Location** Broward County Board of County Commissioners[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 30

**Description**

BROWARD COUNTY PAY ITEM N/A. F&amp;I 8 INCH, MECHANICAL JOINT, CEMENT LINED DUCTILE IRON FITTINGS; 22 DEGREE, 45 DEGREE OR 90 BENDS.

**Item** PNC2119323B1--06-22 - Water and Sanitary Pressure Main: UTILITY FIXTURE, CEMENT LINED DIP FITTINGS**Lot Description** Water and Sanitary Pressure Main**Quantity** 10 each**Unit Price** **Delivery Location** Broward County Board of County Commissioners[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 10

**Description**

BROWARD COUNTY PAY ITEM N/A. F&amp;I 8 INCH MECHANICAL JOINT, CEMENT LINED DUCTILE IRON FITTINGS; TEE OR WYE

**Item** PNC2119323B1--06-23 - Water and Sanitary Pressure Main: UTILITY FIXTURE, CEMENT LINED DIP FITTINGS**Lot Description** Water and Sanitary Pressure Main**Quantity** 5 each**Unit Price** **Delivery Location** Broward County Board of County Commissioners[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 5

**Description**

BROWARD COUNTY PAY ITEM N/A. F&amp;I 8 INCH, MECHANICAL JOINT, CEMENT LINED DUCTILE IRON FITTINGS; CAP OR PLUG

Item **PNC2119323B1--06-24 - Water and Sanitary Pressure Main: UTILITY FIXTURE, DUCTILE IRON FITTINGS**

Lot Description Water and Sanitary Pressure Main

Quantity **15 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 15

**Description**

BROWARD COUNTY PAY ITEM N/A. F&I 4 INCH, MECHANICAL JOINT, DUCTILE IRON FITTINGS; 22 DEGREE, 45 DEGREE OR 90 BENDS.

Item **PNC2119323B1--06-25 - Water and Sanitary Pressure Main: UTILITY FIXTURE, DUCTILE IRON FITTINGS**

Lot Description Water and Sanitary Pressure Main

Quantity **5 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 5

**Description**

BROWARD COUNTY PAY ITEM N/A. F&I 4 INCH MECHANICAL JOINT, DUCTILE IRON FITTINGS; TEE OR WYE

Item **PNC2119323B1--06-26 - Water and Sanitary Pressure Main: UTILITY FIXTURE, DUCTILE IRON FITTINGS**

Lot Description Water and Sanitary Pressure Main

Quantity **5 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 5

**Description**

BROWARD COUNTY PAY ITEM N/A. F&I 4 INCH, MECHANICAL JOINT, DUCTILE IRON FITTINGS; CAP OR PLUG

Item **PNC2119323B1--06-27 - Water and Sanitary Pressure Main: UTILITY FIXTURE, DUCTILE IRON FITTINGS**

Lot Description Water and Sanitary Pressure Main

Quantity **5 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**



[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 5

**Description**

BROWARD COUNTY PAY ITEM N/A. F&amp;I 6 INCH, MECHANICAL JOINT, DUCTILE IRON FITTINGS; 22 DEGREE, 45 DEGREE OR 90 BENDS.

Item	<b>PNC2119323B1--06-28 - Water and Sanitary Pressure Main: UTILITY FIXTURE, DUCTILE IRON FITTINGS</b>
Lot Description	Water and Sanitary Pressure Main
Quantity	5 each
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	Qty 5

**Description**

BROWARD COUNTY PAY ITEM N/A. F&amp;I 6 INCH MECHANICAL JOINT, DUCTILE IRON FITTINGS; TEE OR WYE

Item	<b>PNC2119323B1--06-29 - Water and Sanitary Pressure Main: UTILITY FIXTURE, DUCTILE IRON FITTINGS</b>
Lot Description	Water and Sanitary Pressure Main
Quantity	5 each
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	Qty 5

**Description**

BROWARD COUNTY PAY ITEM N/A. F&amp;I 6 INCH, MECHANICAL JOINT, DUCTILE IRON FITTINGS; CAP OR PLUG

Item	<b>PNC2119323B1--06-30 - Water and Sanitary Pressure Main: UTILITY FIXTURE, DUCTILE IRON FITTINGS</b>
Lot Description	Water and Sanitary Pressure Main
Quantity	30 each
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	Qty 30

**Description**

BROWARD COUNTY PAY ITEM N/A. F&amp;I 8 INCH, MECHANICAL JOINT, DUCTILE IRON FITTINGS; 22 DEGREE, 45 DEGREE OR 90 BENDS.

---

Item	<b>PNC2119323B1--06-31 - Water and Sanitary Pressure Main: UTILITY FIXTURE, DUCTILE IRON FITTINGS</b>
Lot Description	Water and Sanitary Pressure Main
Quantity	10 each
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	Qty 10

**Description**

BROWARD COUNTY PAY ITEM N/A. F&amp;I 8 INCH MECHANICAL JOINT, DUCTILE IRON FITTINGS; TEE OR WYE

---

Item	<b>PNC2119323B1--06-32 - Water and Sanitary Pressure Main: UTILITY FIXTURE, DUCTILE IRON FITTINGS</b>
Lot Description	Water and Sanitary Pressure Main
Quantity	5 each
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	Qty 5

**Description**

BROWARD COUNTY PAY ITEM N/A. F&amp;I 8 INCH, MECHANICAL JOINT, DUCTILE IRON FITTINGS; CAP OR PLUG

---

Item	<b>PNC2119323B1--06-33 - Water and Sanitary Pressure Main: UTILITY FIXTURE, HDPE FITTINGS</b>
Lot Description	Water and Sanitary Pressure Main
Quantity	25 each
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	Qty 25

**Description**

BROWARD COUNTY PAY ITEM N/A. F&amp;I 4 INCH HDPE FITTINGS: 22 DEGREE, 45 DEGREE OR 90 BENDS; TEE, WYE, CAPS OR PLUG.

---

Item	<b>PNC2119323B1--06-34 - Water and Sanitary Pressure Main: UTILITY FIXTURE, HDPE FITTINGS</b>
Lot Description	Water and Sanitary Pressure Main
Quantity	25 each
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 25

**Description**

BROWARD COUNTY PAY ITEM N/A. F&amp;I 6 INCH HDPE FITTINGS: 22 DEGREE, 45 DEGREE OR 90 BENDS; TEE, WYE, CAPS OR PLUGS.

**Item** PNC2119323B1--06-35 - Water and Sanitary Pressure Main: UTILITY FIXTURE, FITTINGS**Lot Description** Water and Sanitary Pressure Main**Quantity** 25 each**Unit Price** **Delivery Location** Broward County Board of County Commissioners[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 25

**Description**

BROWARD COUNTY PAY ITEM N/A. F&amp;I BELL JOINT RESTRAINTS FOR 8 INCH DUCTILE IRON PIPE

**Item** PNC2119323B1--06-36 - Water and Sanitary Pressure Main: UTILITY FIXTURE, FITTINGS**Lot Description** Water and Sanitary Pressure Main**Quantity** 25 each**Unit Price** **Delivery Location** Broward County Board of County Commissioners[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 25

**Description**

BROWARD COUNTY PAY ITEM N/A. F&amp;I BELL JOINT RESTRAINTS FOR 6 INCH DUCTILE IRON PIPE

**Item** PNC2119323B1--06-37 - Water and Sanitary Pressure Main: UTILITY FIXTURE, FITTINGS**Lot Description** Water and Sanitary Pressure Main**Quantity** 25 each**Unit Price** **Delivery Location** Broward County Board of County Commissioners[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 25

**Description**

BROWARD COUNTY PAY ITEM N/A. F&amp;I GRIPPING RING JOINT RESTRAINTS FOR 8 INCH DUCTILE IRON PIPE

**Item** PNC2119323B1--06-38 - Water and Sanitary Pressure Main: UTILITY FIXTURE, FITTINGS**Lot Description** Water and Sanitary Pressure Main

Quantity **25 each**  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 25

**Description**

BROWARD COUNTY PAY ITEM N/A. F&amp;I GRIPPING RING JOINT RESTRAINTS FOR 6 INCH DUCTILE IRON PIPE

Item **PNC2119323B1--06-39 - Water and Sanitary Pressure Main: UTILITY FIXTURE, FITTINGS**  
Lot Description **Water and Sanitary Pressure Main**  
Quantity **25 each**  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 25

**Description**

BROWARD COUNTY PAY ITEM N/A. F&amp;I BELL JOINT RESTRAINTS FOR 4 INCH OR 6 INCH PVC PIPE

Item **PNC2119323B1--06-40 - Water and Sanitary Pressure Main: UTILITY FIXTURE, FITTINGS**  
Lot Description **Water and Sanitary Pressure Main**  
Quantity **25 each**  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 25

**Description**

BROWARD COUNTY PAY ITEM N/A. F&amp;I BELL JOINT RESTRAINTS FOR 8 INCH OR 12 INCH PVC PIPE

Item **PNC2119323B1--06-41 - Water and Sanitary Pressure Main: UTILITY FIXTURE, FITTINGS**  
Lot Description **Water and Sanitary Pressure Main**  
Quantity **25 each**  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 25

**Description**

BROWARD COUNTY PAY ITEM N/A. F&amp;I GRIPPING RING JOINT RESTRAINTS FOR 4 INCH OR 6 INCH PVC PIPE

Item **PNC2119323B1--06-42 - Water and Sanitary Pressure Main: UTILITY FIXTURE, FITTINGS**  
Lot Description **Water and Sanitary Pressure Main**  
Quantity **25 each**  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 25

**Description**

BROWARD COUNTY PAY ITEM N/A. F&I GRIPPING RING JOINT RESTRAINTS FOR 8 INCH OR 12 INCH PVC PIPE

Item **PNC2119323B1--06-43 - Water and Sanitary Pressure Main: UTILITY FIXTURE, TAPPING VALVE**  
Lot Description **Water and Sanitary Pressure Main**  
Quantity **10 each**  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 10

**Description**

BROWARD COUNTY PAY ITEM N/A. F&I 8 INCH TAPPING VALE

Item **PNC2119323B1--06-44 - Water and Sanitary Pressure Main: UTILITY FIXTURE, GATE VALVE**  
Lot Description **Water and Sanitary Pressure Main**  
Quantity **12 each**  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 12

**Description**

BROWARD COUNTY PAY ITEM N/A. F&I 8 INCH GATE VALE

Item **PNC2119323B1--06-45 - Water and Sanitary Pressure Main: UTILITY FIXTURE, GATE VALVE**  
Lot Description **Water and Sanitary Pressure Main**  
Quantity **12 each**  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 12

**Description**

BROWARD COUNTY PAY ITEM N/A. F&amp;I 6 INCH GATE VALE

Item	<b>PNC2119323B1--06-46 - Water and Sanitary Pressure Main: UTILITY FIXTURE, GATE VALVE</b>
Lot Description	Water and Sanitary Pressure Main
Quantity	<b>3 each</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	<b>Qty 3</b>

**Description**

BROWARD COUNTY PAY ITEM N/A. F&amp;I 4 INCH GATE VALE

Item	<b>PNC2119323B1--07-01 - Sanitary Pressure Main: UTILITY FIXTURE, LIFT STATION</b>
Lot Description	Sanitary Pressure Main
Quantity	<b>10 each</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	<b>Qty 10</b>

**Description**

BROWARD COUNTY PAY ITEM N/A. F&amp;I GRINDER LIFT STATION, FLYGT M-3068.175 PC SUBMERSIBLE PUMP, 15.5 GPM, HEAD PRESSURE UP TO 240ft. Or APPROVED EQUAL.

Item	<b>PNC2119323B1--07-02 - Sanitary Pressure Main: UTILITY FIXTURE, TANK CLOSURE</b>
Lot Description	Sanitary Pressure Main
Quantity	<b>10 each</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	<b>Qty 10</b>

**Description**

BROWARD COUNTY PAY ITEM N/A. F&amp;I, CLEAN, CLOSE AND ABANDON SEPTIC TANK (2000 to 4000 Gallon)IN ACCORDANCE WITH FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

Item	<b>PNC2119323B1--08-01 - Civil: CONCRETE CAR STOP</b>
Lot Description	Civil
Quantity	<b>175 each</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 175

**Description**

Concrete Car Stop, 6 ft. length x 8 in. width x 5 in. height with 2 rebar pegs

**Item** PNC2119323B1--09-01 - Landscaping: PERFORMANCE TURF, SOD, BAHIA GRASS**Lot Description** Landscaping**Quantity** 10000 square yard**Unit Price** **Delivery Location** Broward County Board of County Commissioners[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 10000

**Description**

FDOT PAY ITEM # 570-1-2: PERFORMANCE TURF, SOD, BAHIA GRASS

**Item** PNC2119323B1--09-02 - Landscaping: PERFORMANCE TURF, SOD, ST. AUGUSTINE**Lot Description** Landscaping**Quantity** 10000 square yard**Unit Price** **Delivery Location** Broward County Board of County Commissioners[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 10000

**Description**

FDOT PAY ITEM # 570-1-2: PERFORMANCE TURF, SOD, ST. AUGUSTINE FLORATAM

**Item** PNC2119323B1--09-03 - Landscaping: PLASTIC EROSION MAT, TURF REINFORCED MAT, TYPE 1, 2, 3**Lot Description** Landscaping**Quantity** 100 square yard**Unit Price** **Delivery Location** Broward County Board of County Commissioners[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 100

**Description**

FDOT PAY ITEM # 571-1-1A: PLASTIC EROSION MAT, TURF REINFORCED MAT, TYPE 1, 2, 3

**Item** PNC2119323B1--09-04 - Landscaping: MISCELLANEOUS GROUND COVER/SHRUBS  
INSTALLATION (1-GALLON CONTAINER)

Lot Description Landscaping  
Quantity 500 each  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 500

**Description**

FDOT PAY ITEM # 580-1-1A: MISCELLANEOUS GROUND COVER/SHRUBS INSTALLATION (1-GALLON CONTAINER) (E.G. BEACH SUNFLOWER, PARSONS JUNIPER) (6 MIN HT)

Item **PNC2119323B1--09-05 - Landscaping: MISCELLANEOUS NATIVE GRASSES INSTALLATION (1-GALLON CONTAINER)**  
Lot Description Landscaping  
Quantity 500 each  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 500

**Description**

FDOT PAY ITEM # 580-1-1B: MISCELLANEOUS NATIVE GRASSES INSTALLATION (1-GALLON CONTAINER) (E.G. MUHLY GRASS, FLORIDA GAMA GRASS) (12-15 HT)

Item **PNC2119323B1--09-06 - Landscaping: MISCELLANEOUS GROUND COVER/SHRUB INSTALLATION (3-GALLON CONTAINER)**  
Lot Description Landscaping  
Quantity 250 each  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 250

**Description**

FDOT PAY ITEM #580-1-1C MISCELLANEOUS GROUND COVER/SHRUB INSTALLATION (3-GALLON CONTAINER) (E.G. GREEN ISLAND FICUS, DWARF FIREBUSH, DWARF YAUPON HOLLY) (12-15 HT)

Item **PNC2119323B1--09-07 - Landscaping: MISCELLANEOUS SHRUB INSTALLATION (7-GALLON CONTAINER)**  
Lot Description Landscaping  
Quantity 50 each  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)



N/A  
N/A FL 33301  
Qty 50

**Description**

FDOT PAY ITEM #580-1-1D: MISCELLANEOUS SHRUB INSTALLATION (7-GALLON CONTAINER) (E.G. SIMPSON'S STOPPER, WALTERS VIBURNUM)

Item **PNC2119323B1--09-08 - Landscaping: SPECIALTY SHRUB INSTALLATION (7-GALLON CONTAINER)**

Lot Description Landscaping

Quantity 50 each

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 50

**Description**

FDOT PAY ITEM #580-1-1E: SPECIALTY SHRUB INSTALLATION (7-GALLON CONTAINER) (E.G. CARDBOARD PLANT, CRINUM LILY) (30-36 HT)

Item **PNC2119323B1--09-09 - Landscaping: SPECIALTY GROUND COVER/SHRUB INSTALLATION (3-GALLON CONTAINER)**

Lot Description Landscaping

Quantity 50 each

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 50

**Description**

FDOT PAY ITEM #580-1-1F: SPECIALTY GROUND COVER/SHRUB INSTALLATION (3-GALLON CONTAINER) (E.G. COONTIE AND/OR SAW PALMETTO) (12-15 HT)

Item **PNC2119323B1--09-10 - Landscaping: MISCELLANEOUS UNDERSTORY TREE - UP TO 10 OVERALL HEIGHT**

Lot Description Landscaping

Quantity 50 each

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 50

**Description**

FDOT PAY ITEM #580-1-2A: MISCELLANEOUS UNDERSTORY TREE - UP TO 10 OVERALL HEIGHT

Item	<b>PNC2119323B1--09-11 - Landscaping: MISCELLANEOUS MULTI-TRUNK UNDERSTORY TREE - UP TO 10 FEET OVERALL HEIGHT</b>
Lot Description	Landscaping
Quantity	<b>50 each</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	<b>Qty 50</b>

**Description**

FDOT PAY ITEM #580-1-2B: MISCELLANEOUS MULTI-TRUNK UNDERSTORY TREE - UP TO 10 FEET OVERALL HEIGHT

Item	<b>PNC2119323B1--09-12 - Landscaping: MISCELLANEOUS LARGE TREE, 12-16 OVERALL HEIGHT</b>
Lot Description	Landscaping
Quantity	<b>50 each</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	<b>Qty 50</b>

**Description**

FDOT PAY ITEM #580-1-2C: MISCELLANEOUS LARGE TREE, 12-16 OVERALL HEIGHT

Item	<b>PNC2119323B1--09-13 - Landscaping: LARGE SPECIALTY OR SPECIMEN TREE, 14-20 OVERALL HEIGHT</b>
Lot Description	Landscaping
Quantity	<b>50 each</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	<b>Qty 50</b>

**Description**

FDOT PAY ITEM #580-1-2C: LARGE SPECIALTY OR SPECIMEN TREE, 14-20 OVERALL HEIGHT (E.G. HIGH-RISE LIVE OAK)

Item	<b>PNC2119323B1--09-14 - Landscaping: MISCELLANEOUS FLOWERING TREE, UP TO 10 FEET OVERALL HEIGHT</b>
Lot Description	Landscaping
Quantity	<b>50 each</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>

N/A  
N/A FL 33301  
Qty 50

**Description**

FDOT PAY ITEM #580-1-2D: MISCELLANEOUS FLOWERING TREE, UP TO 10 FEET OVERALL HEIGHT

Item	<b>PNC2119323B1 --09-15 - Landscaping: MISCELLANEOUS FLOWERING TREE, 11 FEET-14 FEET OVERALL HEIGHT</b>
Lot Description	Landscaping
Quantity	<b>50 each</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b> <a href="#">Refer to Specifications and Requirements</a> N/A N/A FL 33301 Qty 50

**Description**

FDOT PAY ITEM #580-1-2E: MISCELLANEOUS FLOWERING TREE, 11 TO 14 FEET OVERALL HEIGHT

Item	<b>PNC2119323B1 --09-16 - Landscaping: ROYAL PALM (ROYSTONEA REGIA) PLANT, UP TO 15 OVERALL HEIGHT</b>
Lot Description	Landscaping
Quantity	<b>100 each</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b> <a href="#">Refer to Specifications and Requirements</a> N/A N/A FL 33301 Qty 100

**Description**

FDOT PAY ITEM #580-1-2F: ROYAL PALM (ROYSTONEA REGIA) PLANT, UP TO 15 OVERALL HEIGHT

Item	<b>PNC2119323B1 --09-17 - Landscaping: ROYAL PALM (ROYSTONEA REGIA) PLANT, 16-22 OVERALL HEIGHT</b>
Lot Description	Landscaping
Quantity	<b>50 each</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b> <a href="#">Refer to Specifications and Requirements</a> N/A N/A FL 33301 Qty 50

**Description**

FDOT PAY ITEM #580-1-2G: ROYAL PALM (ROYSTONEA REGIA) PLANT, 16-22 OVERALL HEIGHT

Item **PNC2119323B1--09-18 - Landscaping: SABAL/CABBAGE PALM (SABAL PALMETTO) PLANT, UP TO 12 OVERALL HEIGHT**

Lot Description Landscaping

Quantity **50 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

**Qty 50**

**Description**

FDOT PAY ITEM #580-1-2G: SABAL/CABBAGE PALM (SABAL PALMETTO) PLANT, UP TO 12 OVERALL HEIGHT

Item **PNC2119323B1--09-19 - Landscaping: SABAL/CABBAGE PALM (SABAL PALMETTO) PLANT, 13-18 OVERALL HEIGHT**

Lot Description Landscaping

Quantity **50 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

**Qty 50**

**Description**

FDOT PAY ITEM #580-1-2H: SABAL/CABBAGE PALM (SABAL PALMETTO) PLANT, 13-18 OVERALL HEIGHT

Item **PNC2119323B1--09-20 - Landscaping: FRANGIBLE PALM (THRINAX RADIATA), PLANT, UP TO 12 FEET OVERALL HEIGHT**

Lot Description Landscaping

Quantity **50 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

**Qty 50**

**Description**

FDOT PAY ITEM #580-1-2I: FRANGIBLE PALM (THRINAX RADIATA), PLANT, UP TO 12 FEET OVERALL HEIGHT

Item **PNC2119323B1--09-21 - Landscaping: FRANGIBLE PALM (PTYCHOSPERMA ELEGANS) PLANT, 13 FEET TO 20 FEET OVERALL HEIGHT**

Lot Description Landscaping

Quantity **50 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A  
N/A FL 33301  
Qty 50

**Description**

FDOT PAY ITEM #580-1-2J: FRANGIBLE PALM (PTYCHOSPERMA ELEGANS) PLANT, 13 FEET TO 20 FEET OVERALL HEIGHT

Item **PNC2119323B1--09-22 - Landscaping: TREE RELOCATION, UP TO 8 INCH DBH.**  
Lot Description Landscaping  
Quantity **20 each**  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 20

**Description**

FDOT PAY ITEM #580-2-A: TREE RELOCATION, UP TO 8 INCH DBH.

Item **PNC2119323B1--09-23 - Landscaping: PALM RELOCATION, UP TO 30 FEET HT.**  
Lot Description Landscaping  
Quantity **10 each**  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 10

**Description**

FDOT PAY ITEM #580-2-B: PALM RELOCATION, UP TO 30 FEET HT.

Item **PNC2119323B1--09-24 - Landscaping: PALM RELOCATION, OVER 30 FEET HT.**  
Lot Description Landscaping  
Quantity **5 each**  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 5

**Description**

FDOT PAY ITEM #580-2-C: PALM RELOCATION, OVER 30 FEET HT.

Item **PNC2119323B1--09-25 - Landscaping: LANDSCAPE SOIL, Cubic Yard**  
Lot Description Landscaping  
Quantity **1000 cubic yard**  
Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 1000

**Description**

FDOT PAY ITEM No. 0163-1. LANDSCAPE SOIL. FDOT Specification for pay item is pending. Use pay item 0162 1 11 for material specification during interim period. SOIL MIX SHALL CONSIST OF 65% CLEAN SAND, 25% MUCK, 10% PEAT.

Item **PNC2119323B1--09-26 - Landscaping: EXOTIC / INVASIVE VEGETATION REMOVAL**

Lot Description Landscaping

Quantity **2 each**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 2

**Description**

FDOT PAY ITEM # NA: EXOTIC / INVASIVE VEGETATION REMOVAL. INCLUDES HAULING, CHIPPING, DISPOSAL

Item **PNC2119323B1--09-27 - Landscaping: ROOT BARRIER, 24 INCH PLASTIC PANEL**

Lot Description Landscaping

Quantity **300 linear foot**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 300

**Description**

FDOT PAY ITEM # NA: ROOT BARRIER, 24 INCH PLASTIC PANEL

Item **PNC2119323B1--09-28 - Landscaping: ROOT BARRIER, 36 INCH BIO-BARRIER**

Lot Description Landscaping

Quantity **300 linear foot**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 300

**Description**

FDOT PAY ITEM # NA: ROOT BARRIER, 36 INCH BIO-BARRIER

Item **PNC2119323B1--09-29 - Landscaping: ROOT PRUNING/TREE TRIMMING CREW, 3-PERSON CREW, 4 HR MINIMUM CHARGE**

Lot Description Landscaping

Quantity **100 hour**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 100

**Description**

FDOT PAY ITEM # NA: ROOT PRUNING/TREE TRIMMING CREW, 3-PERSON CREW, 4 HR MINIMUM CHARGE

Item **PNC2119323B1--09-30 - Landscaping: TREE REMOVAL CREW, 3-PERSON CREW, 4 HR MINIMUM CHARGE**

Lot Description Landscaping

Quantity **100 hour**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 100

**Description**

FDOT PAY ITEM # NA: TREE REMOVAL CREW, 3-PERSON CREW, 4 HR MINIMUM CHARGE

Item **PNC2119323B1--09-31 - Landscaping: CERTIFIED ARBORIST**

Lot Description Landscaping

Quantity **50 hour**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 50

**Description**

FDOT PAY ITEM # NA: CERTIFIED ARBORIST

Item **PNC2119323B1--09-32 - Landscaping: ADDITIONAL LABORER**

Lot Description Landscaping

Quantity **500 hour**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 500

**Description**

FDOT PAY ITEM # NA: ADDITIONAL LABORER

Item **PNC2119323B1 --09-33 - Landscaping: SKILLED LABORER**

Lot Description Landscaping

Quantity **500 hour**Unit Price Delivery Location **Broward County Board of County Commissioners**[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 500

**Description**

FDOT PAY ITEM # NA: SKILLED LABORER

Item **PNC2119323B1 --09-34 - Landscaping: SUPPLEMENTAL WATERING (IN KGAL)**

Lot Description Landscaping

Quantity **500 each**Unit Price Delivery Location **Broward County Board of County Commissioners**[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 500

**Description**

FDOT PAY ITEM # NA: SUPPLEMENTAL WATERING IN KGAL

Item **PNC2119323B1 --09-35 - Landscaping: SUPPLEMENTAL MULCH**

Lot Description Landscaping

Quantity **500 each**Unit Price Delivery Location **Broward County Board of County Commissioners**[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 500

**Description**

FDOT PAY ITEM # NA: SUPPLEMENTAL MULCH, SHREDDED MELALEUCA OR EQUAL

Item **PNC2119323B1 --09-36 - Landscaping: LANDSCAPE BED PREPARATION**

Lot Description Landscaping

Quantity **500 square yard**Unit Price Delivery Location **Broward County Board of County Commissioners**



[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 500

**Description**

FDOT PAY ITEM # NA: LANDSCAPE BED PREPARATION

**Item** PNC2119323B1--09-37 - Landscaping: LANDSCAPE PEST MANAGEMENT. HERBICIDE /  
PESTICIDE APPLICATION**Lot Description** Landscaping**Quantity** 500 square yard**Unit Price** **Delivery Location** Broward County Board of County Commissioners[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 500

**Description**

FDOT PAY ITEM # NA: LANDSCAPE PEST MANAGEMENT. HERBICIDE / PESTICIDE APPLICATION

**Item** PNC2119323B1--09-38 - Landscaping: GRAVEL / CRUSHED STONE**Lot Description** Landscaping**Quantity** 100 each**Unit Price** **Delivery Location** Broward County Board of County Commissioners[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 100

**Description**

FDOT PAY ITEM # 125-3: GRAVEL / CRUSHED STONE (#57 ROCK, WASHED)

**Item** PNC2119323B1--09-39 - Landscaping: PRECAST CONCRETE PLANTER**Lot Description** Landscaping**Quantity** 10 each**Unit Price** **Delivery Location** Broward County Board of County Commissioners[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 10

**Description**

FDOT PAY ITEM # NA: PRECAST CONCRETE PLANTER BY QCP (OR EQUAL) MODEL QS-CAL249648P

**Item** PNC2119323B1--09-40 - Landscaping: CUSTOM PRECAST CONCRETE ELEMENT**Lot Description** Landscaping

Quantity 20 each

Unit Price 

Delivery Location Broward County Board of County Commissioners

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 20

**Description**

FDOT PAY ITEM # NA: CUSTOM PRECAST CONCRETE ELEMENT BY QCP (OR EQUAL) 18-INCH HEIGHT X 18-INCH WIDTH X 60-FOOT LENGTHS

Item PNC2119323B1--10-01 - Irrigation: SPRINKLER HEADS - 6 INCH POP-UP ROTORS

Lot Description Irrigation

Quantity 100 each

Unit Price 

Delivery Location Broward County Board of County Commissioners

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 100

**Description**

FDOT PAY ITEM #590-70-A: SPRINKLER HEADS - 6 INCH POP-UP ROTORS, INCLUDES PREFABRICATED SWING JOINTS

Item PNC2119323B1--10-02 - Irrigation: SPRINKLER HEADS - 6 INCH POP-UP SPRAY HEADS

Lot Description Irrigation

Quantity 200 each

Unit Price 

Delivery Location Broward County Board of County Commissioners

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 200

**Description**

FDOT PAY ITEM #590-70-B: SPRINKLER HEADS - 6 INCH POP-UP SPRAY HEADS, INCLUDES FLEX PIPE

Item PNC2119323B1--10-03 - Irrigation: SPRINKLER HEADS - 12 INCH POP-UP SPRAY HEADS

Lot Description Irrigation

Quantity 100 each

Unit Price 

Delivery Location Broward County Board of County Commissioners

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 100

**Description**

FDOT PAY ITEM #590-70-C: SPRINKLER HEADS - 12 INCH POP-UP SPRAY HEADS, INCLUDES FLEX PIPE

Item **PNC2119323B1--10-04 - Irrigation: BUBBLER HEADS**  
Lot Description Irrigation  
Quantity **100 each**  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 100

**Description**

Item **PNC2119323B1--10-05 - Irrigation: QUICK COUPLER VALVE - (MAIN LINE SIZE (2-INCH))**  
Lot Description Irrigation  
Quantity **50 each**  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 50

**Description**

FDOT PAY ITEM #590-70-QCV: QUICK COUPLER VALVE AND KEY (MAIN LINE SIZE (2-INCH)). INCLUDES VALVE BOX

Item **PNC2119323B1--10-06 - Irrigation: REMOTE CONTROL IRRIGATION VALVE**  
Lot Description Irrigation  
Quantity **100 each**  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 100

**Description**

FDOT PAY ITEM #590-70-RCV: INSTALL REMOTE CONTROL IRRIGATION VALVE

Item **PNC2119323B1--10-07 - Irrigation: ISOLATION VALVE**  
Lot Description Irrigation  
Quantity **10 each**  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 10

**Description**

## FDOT PAY ITEM #590-70-V: INSTALL ISOLATION VALVE

Item **PNC2119323B1--10-08 - Irrigation: VALVE BOX**  
Lot Description Irrigation  
Quantity **50 each**  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 50

**Description**

FDOT PAY ITEM #590-70-VB: INSTALL VALVE BOX, 12X24

Item **PNC2119323B1--10-09 - Irrigation: IRRIGATION WIRING**  
Lot Description Irrigation  
Quantity **5000 linear foot**  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 5000

**Description**

FDOT PAY ITEM #590-70-W: IRRIGATION WIRING WITH ELECTRICAL CONDUIT &amp; SPLICE BOXES

Item **PNC2119323B1--10-10 - Irrigation: IRRIGATION CONTROLLER, UP TO A 6-STATION**  
Lot Description Irrigation  
Quantity **5 each**  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 5

**Description**

FDOT PAY ITEM #590-3-A: UP TO AN 6-STATION CONTROLLER

Item **PNC2119323B1--10-11 - Irrigation: IRRIGATION CONTROLLER. 8- TO 12-STATION CONTROLLER**  
Lot Description Irrigation  
Quantity **5 each**  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)

N/A  
N/A FL 33301  
Qty 5

**Description**

FDOT PAY ITEM #590-3-B: 8- TO 12-STATION CONTROLLER

---

Item	<b>PNC2119323B1--10-12 - Irrigation: ADD EXPANSION MODULES FOR EXISTING CONTROLLER</b>
Lot Description	Irrigation
Quantity	5 each
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	Qty 5

**Description**

FDOT PAY ITEM #590-3-C: ADD EXPANSION MODULES FOR EXISTING CONTROLLER

---

Item	<b>PNC2119323B1--10-13 - Irrigation: MISCELLANEOUS IRRIGATION SYSTEM / CONTROLLER ADJUSTMENTS (ADJUST TIMER OPERATION</b>
Lot Description	Irrigation
Quantity	5 each
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	Qty 5

**Description**

FDOT PAY ITEM #590-3-D: MISCELLANEOUS IRRIGATION SYSTEM / CONTROLLER ADJUSTMENTS (ADJUST TIMER OPERATIONS, ETC)

---

Item	<b>PNC2119323B1--10-14 - Irrigation: 4 INCH PVC PIPE, SCH. 40, WITH DUCTILE IRON FITTINGS</b>
Lot Description	Irrigation
Quantity	500 linear foot
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	Qty 500

**Description**

FDOT PAY ITEM #590-71-A: 4-INCH GASKETED PVC PIPE, SCH. 40, WITH DUCTILE IRON FITTINGS

---

Item	<b>PNC2119323B1--10-15 - Irrigation: 3 INCH PVC PIPE, SCH. 40, WITH SCH. 40 FITTINGS</b>
Lot Description	Irrigation

Quantity 500 linear foot

Unit Price 

Delivery Location Broward County Board of County Commissioners

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 500

**Description**

FDOT PAY ITEM #590-71-B: 3-INCH PVC PIPE, SCH. 40, WITH SCH. 40 FITTINGS

Item PNC2119323B1--10-16 - Irrigation: 2 INCH PVC PIPE, SCH. 40, WITH SCH. 40 FITTINGS

Lot Description Irrigation

Quantity 1000 linear foot

Unit Price 

Delivery Location Broward County Board of County Commissioners

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 1000

**Description**

FDOT PAY ITEM #590-71-C: 2-INCH PVC PIPE, SCH. 40, WITH SCH. 40 FITTINGS

Item PNC2119323B1--10-17 - Irrigation: 1 INCH PVC PIPE, SCH. 40, WITH SCH. 40 FITTINGS

Lot Description Irrigation

Quantity 2000 linear foot

Unit Price 

Delivery Location Broward County Board of County Commissioners

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 2000

**Description**

FDOT PAY ITEM #590-71-D: 1-INCH PVC PIPE, SCH. 40, WITH SCH. 40 FITTINGS

Item PNC2119323B1--10-18 - Irrigation: 3/4 INCH PVC PIPE, SCH. 40, WITH SCH. 40 FITTINGS

Lot Description Irrigation

Quantity 4000 linear foot

Unit Price 

Delivery Location Broward County Board of County Commissioners

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 4000

**Description**

FDOT PAY ITEM #590-71-E: 3/4-INCH PVC PIPE, SCH. 40, WITH SCH. 40 FITTINGS

Item **PNC2119323B1--10-19 - Irrigation: 2 INCH PVC SLEEVE, SCH. 40**  
Lot Description Irrigation  
Quantity **300 linear foot**  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 300

**Description**

FDOT PAY ITEM #591-1-1: 2-INCH PVC SLEEVE, SCH. 40

Item **PNC2119323B1--10-20 - Irrigation: 4 INCH PVC SLEEVE, SCH. 40**  
Lot Description Irrigation  
Quantity **100 linear foot**  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 100

**Description**

FDOT PAY ITEM #591-1-2: 4-INCH PVC SLEEVE, SCH. 40

Item **PNC2119323B1--10-21 - Irrigation: 6 INCH PVC SLEEVE, SCH. 40**  
Lot Description Irrigation  
Quantity **100 linear foot**  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 100

**Description**

FDOT PAY ITEM #591-1-4: 6-INCH PVC SLEEVE, SCH. 40

Item **PNC2119323B1--10-22 - Irrigation: COMPLETE WATER SERVICE FOR IRRIGATION. (FOR 2INCH LINE)**  
Lot Description Irrigation  
Quantity **5 each**  
Unit Price   
Delivery Location **Broward County Board of County Commissioners**  
[Refer to Specifications and Requirements](#)  
N/A  
N/A FL 33301  
Qty 5

**Description**

FDOT PAY ITEM #590-1-A: COMPLETE WATER SERVICE FOR IRRIGATION. (INCLUDES PIPE, VALVES, VALVE/METER BOXES, TAP, BACKFLOW APPARATUS, METER) (FOR 2-INCH LINE)

Item	<b>PNC2119323B1--10-23 - Irrigation: 2 INCH DIRECTIONAL BORE</b>
Lot Description	Irrigation
Quantity	<b>1000 linear foot</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	<b>Qty 1000</b>

**Description**

FDOT PAY ITEM #630-2-12: 2 INCH DIRECTIONAL BORE

Item	<b>PNC2119323B1--10-24 - Irrigation: 4 INCH DIRECTIONAL BORE</b>
Lot Description	Irrigation
Quantity	<b>200 linear foot</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	<b>Qty 200</b>

**Description**

FDOT PAY ITEM #630-2-12A: 4 INCH DIRECTIONAL BORE

Item	<b>PNC2119323B1--10-25 - Irrigation: 6 INCH DIRECTIONAL BORE</b>
Lot Description	Irrigation
Quantity	<b>200 linear foot</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	<b>Qty 200</b>

**Description**

FDOT PAY ITEM #630-2-12B: 6 INCH DIRECTIONAL BORE

Item	<b>PNC2119323B1--10-26 - Irrigation: 5 HP PUMP STATION</b>
Lot Description	Irrigation
Quantity	<b>5 each</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>



[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 5

**Description**

5 HP VARIABLE SPEED, VFD CENTRIFUGAL PUMP STATION BY HOOVER OR EQUAL IN FIBERGLASS ENCLOSURE.

**Item** PNC2119323B1--10-27 - Irrigation: 10 HP PUMP STATION**Lot Description** Irrigation**Quantity** 5 each**Unit Price** **Delivery Location** Broward County Board of County Commissioners[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 5

**Description**

10 HP VARIABLE SPEED, VFD CENTRIFUGAL PUMP STATION BY HOOVER OR EQUAL IN FIBERGLASS ENCLOSURE.

**Item** PNC2119323B1--10-28 - Irrigation: RUST INHIBITOR SYSTEM - (FOR PUMP STATION)**Lot Description** Irrigation**Quantity** 10 each**Unit Price** **Delivery Location** Broward County Board of County Commissioners[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 10

**Description**

RUST INHIBITOR SYSTEM. INCLUDES INJECTION PUMP, TUBING, TANK

**Item** PNC2119323B1--10-29 - Irrigation: IRRIGATION WELL (4-INCH) WELL DRILLING AND CASING**Lot Description** Irrigation**Quantity** 100 linear foot**Unit Price** **Delivery Location** Broward County Board of County Commissioners[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 100

**Description**

IRRIGATION WELL (6-INCH) WELL DRILLING AND CASING

**Item** PNC2119323B1--10-30 - Irrigation: IRRIGATION WELL (6-INCH) WELL DRILLING AND CASING**Lot Description** Irrigation**Quantity** 100 linear foot

Unit Price Delivery Location **Broward County Board of County Commissioners**[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 100

**Description**

IRRIGATION WELL (4-INCH) WELL DRILLING AND CASING

Item **PNC2119323B1--10-31 - Irrigation: IRRIGATION PUMP STATION CANAL / LAKE INTAKE PIPE WITH ACCESSORIES**

Lot Description Irrigation

Quantity **5 each**Unit Price Delivery Location **Broward County Board of County Commissioners**[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 5

**Description**

IRRIGATION PUMP STATION CANAL / LAKE INTAKE PIPE (4 @ 30) WITH ACCESSORIES: CHECK VALVE, FLOAT APPARATUS AND SCREEN

Item **PNC2119323B1--10-32 - Irrigation: ELECTRICAL SERVICE POINT**

Lot Description Irrigation

Quantity **5 each**Unit Price Delivery Location **Broward County Board of County Commissioners**[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 5

**Description**

FDOT PAY ITEM #639-001: ELECTRICAL SERVICE FOR IRRIGATION PUMP STATION. INCLUDES PANEL BOXES, SUPER-STRUCTURE/FRAME, PULL BOXES, WIRING/INTERCONNECTS, METER. (DOES NOT INCLUDE SERVICE / CONNECTION FEES AND POWER BILLS).

Item **PNC2119323B1--11-01 - Equipment and Labor: HOURLY LABOR RATE FOR BACKHOE WITH OPERATOR AND FUEL**

Lot Description Equipment and Labor

Quantity **40 hour**Unit Price Delivery Location **Broward County Board of County Commissioners**[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 40

**Description**

Backhoe with operator and fuel. Backhoe, Wheel Loader with Operator (Minimum 80 HP, Minimum Operating Weight 20, 000 Lb. Rubber Tire, 1.5 CY Bucket)

Item **PNC2119323B1--11-02 - Equipment and Labor: HOURLY LABOR RATE FOR BUCKET TRUCK/PERSONNEL LIFT WITH OPERATOR AND FUEL**

Lot Description Equipment and Labor

Quantity **40 hour**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 40

**Description**

Bucket truck/personnel lift (65 feet or less) with operator and fuel.

Item **PNC2119323B1--11-03 - Equipment and Labor: HOURLY LABOR RATE FOR EQUIPMENT OPERATORS**

Lot Description Equipment and Labor

Quantity **500 hour**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 500

**Description**

Hourly Labor Rate for equipment operators when not included in the equipment cost; MOT Certified Personnel, Certified Worksite Traffic Supervisor, Area Supervisor, General Labor, Signal Technician (IMSA all levels) not included in the line items above. Includes all pay/fringe benefits. Orders will be issued on a maximum limiting/not to exceed amount. Usage must be approved by the County. The Contractor shall be responsible for following the requirements for each method as described in the Specifications and Requirements.

Item **PNC2119323B1--11-04 - Equipment and Labor: HOURLY LABOR RATE FOR SKILLED LABORERS**

Lot Description Equipment and Labor

Quantity **500 hour**

Unit Price

Delivery Location **Broward County Board of County Commissioners**

[Refer to Specifications and Requirements](#)

N/A

N/A FL 33301

Qty 500

**Description**

Hourly Labor Rate for Skilled Laborers. Includes licensed electrician or journeyman, construction project manager, certified Fiber Optic Technician (or equivalent), certified welder (all position and fracture critical), and other skilled laborer not included in the line items above. Includes all pay/fringe benefits. Orders will be issued on a maximum limiting/not to exceed amount. Usage must be approved by the Contract Administrator. The Contractor shall be responsible for following the requirements for each method as described in the Specifications and Requirements.

---

Item	<b>PNC2119323B1--11-05 - Equipment and Labor: HOURLY LABOR RATE FOR MINI EXCAVATOR WITH OPERATOR AND FUEL.</b>
Lot Description	Equipment and Labor
Quantity	<b>40 hour</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	<b>Qty 40</b>

**Description**

Mini excavator with operator and fuel.

---

Item	<b>PNC2119323B1--11-06 - Equipment and Labor: HOURLY LABOR RATE FOR SKID STEER LOADER WITH OPERATOR AND FUEL.</b>
Lot Description	Equipment and Labor
Quantity	<b>40 hour</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	<b>Qty 40</b>

**Description**

Skid steer loader with operator and fuel.

---

Item	<b>PNC2119323B1--11-07 - Equipment and Labor: HOURLY LABOR RATE FOR TRUCK CRANE (18 TON RATED) WITH OPERATOR AND FUEL.</b>
Lot Description	Equipment and Labor
Quantity	<b>40 hour</b>
Unit Price	<input type="text"/>
Delivery Location	<b>Broward County Board of County Commissioners</b>
	<a href="#">Refer to Specifications and Requirements</a>
	N/A
	N/A FL 33301
	<b>Qty 40</b>

**Description**

Truck crane (18 ton rated) with operator and fuel.

**SPECIAL INSTRUCTIONS TO VENDORS (IN ADDITION TO GENERAL CONDITIONS)**  
**Roadway, Drainage, Traffic & Miscellaneous Construction**

A. Scope:

Vendors are invited to respond for an open-end contract to furnish and install all labor, materials, equipment, supervision and incidentals required to perform roadway reconstruction, widening, milling, resurfacing, pavement marking, drainage work, traffic control and signalization, school flushers, communications network, street lighting, water and sewer, landscaping, signing and pavement marking, guardrail, maintenance of traffic and so forth in compliance with all applicable building, safety, technical and related codes and laws for the Broward County Highway Construction and Engineering Division (BCHCED) and various other Broward County agencies that may have need of these services and products.

The initial contract period shall start on date of award and shall terminate (2) years from that date. The Director of Purchasing may renew this contract for a (1) period subject to vendor acceptance, satisfactory performance and determination that renewal will be in the best interest of the County. Notification of Intent to Renew will be sent in advance of expiration date of this contract. The Vendor will complete delivery and the County will receive delivery on any orders mailed to the Vendor prior to the date of expiration.

All prices, terms and conditions shall remain fixed for the initial period of the contract. In addition, all prices, terms and conditions shall remain fixed for the renewal period of the contract. There will be no allowable price escalations for fuel costs throughout any contract period(s), unless otherwise specified in this document.

No guarantee is expressed or implied as to the total quantity of commodities/services to be purchased under any open end contract. Estimated quantities will be used for bid comparison purposes only. The Board of County Commissioners reserves the right to: issue purchase orders as and when required, or, issue a blanket purchase order for individual agencies and release partial quantities or, issue instructions for use of direct purchase orders by various County agencies, make random, open market purchases for any or all of the item(s) on any open end contract or, any combination of the preceding. No delivery shall become due or be acceptable without a written order by the County, unless otherwise provided for in the contract. Such order will contain the quantity, time of delivery and other pertinent data. However, on items urgently required, the seller may be given telephone notice, to be confirmed by an order in writing.

B. Specifications and Requirements:

**Specifications and Requirements**, are included hereto and made a part hereof. Whenever the Technical Specifications address a third party (i.e. manufacturer, applicator, subcontractor, etc.) it is to be construed as the Vendor through the third party.

C. Office of Economic and Small Business Requirements:

This solicitation has the following County Business Enterprise Goals: **30 % CBE Goals**. Vendors must follow the instructions included in the **Office of Economic and Small Business Development Requirements** and submit all required forms and information as instructed.

For detailed information regarding the County Business Enterprise Program contact the Office of Economic and Small Business Development at (954) 357-6400 or visit the website at <http://www.broward.org/EconDev/SmallBusiness/Pages/Default.aspx>

D. Federal Transit Administration Requirements:

Not applicable to this solicitation.

E. Vendor Responsibilities:

The Vendor will be responsible for the provision, installation (if applicable, per Specifications and Requirements) and performance of all equipment, materials, services, etc. offered in his or her submittal. The Vendor is in no way relieved of the responsibility for the performance of all equipment furnished, or of assuring the timely delivery of materials, equipment, etc. even though it is not of his or her own manufacture.

Vendor shall perform the Work with its own organization, amounting to not less than **30%** percent of the Contract Price.

F. Licensing Requirements:

Proof of licensing should be returned with the Vendor's submittal. If not provided with submittal, the Vendor must submit within three business days of County's request. Vendor may be deemed non-responsive for failure to fully comply within stated timeframes.

In order to be considered a responsible and responsive Vendor for the scope of work set forth in this solicitation, the Vendor shall possess one of the following licenses (including any specified State registration, if applicable) at the time of solicitation submittal. Any certificate of competency that meets or exceeds those specified or can legally perform the scope of work specified, as determined by the County, will be considered responsible and responsive to the solicitation.

State: CERTIFIED GENERAL CONTRACTOR

OR

FDOT PREQUALIFIED CONTRACTOR

OR

County: MAJOR ROADS- CLASS "A"-RBE1B

OR

GENERAL ENGINEERED CONSTRUCTION BUILDER

Any work performed not within the scope of the above contract must be performed by a licensed subcontractor. All contractors must have current liability insurance and workers compensation, or proof of exemption from workers compensation.

G. Certification/Pre-qualification Requirements:

In order to be considered a responsive and responsible Vendor for the scope of work set forth in these documents, a Vendor/Contractor shall possess at least one of the following Florida Department of Transportation (FDOT) Pre-qualification work classes:

- a) Flexible Paving
- b) Traffic Signal

H. Public Bid Disclosure Act:

In compliance with the Public Bid Disclosure Act, Section 218.80, Florida Statutes, each permit, license and/or fee which the Contractor will have to pay the County by virtue of this work/project

(before or during construction) is set forth below and includes the dollar amount or the percentage method or unit method to be paid of all permits, licenses and/or fees which includes but is not limited to all licensing fees, permit fees, impact fees, inspection fees and certificates of occupancy (CO).

The using agency will be responsible for paying for any and all permits, licenses, and fees, imposed on the Work by agencies of the Broward County Commission. This does not alleviate the Vendor from obtaining the permits.

Licenses, permits and fees which may be required by The State of Florida, State Agencies or by other local governmental entities are not included in the above list.

I. Permits and Fees: (for Agencies other than Broward County Commissioners)

The Vendor shall procure and pay for all permits and licenses, charges and fees and give all notices necessary and incidental to the due and lawful prosecution of the work. The cost of all permits, fees, etc., shall be included in price bid except where noted in the specifications and requirements.

J. Prevailing Wage Rates:

Section 26-5 of the Broward County Code of Ordinances, provides that in all non-federally funded construction procurement activity of \$250,000 or more, the rate of wages and fringe benefit payments for all laborers, mechanics, and apprentices shall not be less than those payments for similar skills in classifications of work in like industries as determined by the Secretary of Labor and as published in the Federal Register (latest revision). The applicable Prevailing Wage Rate Tables are included in **Specifications and Requirements**.

K. Liquidated Damages:

1. The work to be performed under this Contract shall be commenced upon issuance of Purchase Order or Notice to Proceed, which will not be issued until receipt of all required documents.
2. The work shall be completed and ready for final payment from the time indicated in the Specifications and Requirements from the date indicated in the Second Notice to Proceed.
3. Upon failure of the Vendor to complete a project awarded pursuant to this contract within the specified period of time (plus approved extensions, if any) the Vendor shall pay to the County liquidated damages amounts based on the 2019 FDOT Standard Specifications as described in the chart below for each calendar day (plus approved extensions) after the time specified for completion and readiness for final payment.

**TABLE 1**

INDIVIDUAL PROJECT AMOUNT	DAILY CHARGE PER CALENDAR DAY
\$50,000 and under	\$956
Over \$50,000 but less than \$250,000	\$964
Over \$250,000 but less than \$500,000	\$1,241
Over \$500,000	\$1,665

4. This amount is not a penalty but liquidated damages to the County. Liquidated damages are hereby fixed and agreed upon between the parties, recognizing the impossibility of precisely ascertaining the amount of damages that will be sustained by the County as a consequence of such delay. Vendor acknowledges and agrees that damages to County from untimely completion are extremely difficult to determine, and accordingly the Vendor agrees that the amount of liquidated damages provided for herein is the nearest and most exact measure of damages for such delays.
5. The County is authorized to deduct liquidated damage amounts from the monies due to Vendor for the work under this contract, or as much thereof as the County may, at its own option, deem just and reasonable.
6. Peak-hour lane closures, pedestrian access route closures, and traffic signal maintenance and operation during construction: All contracts with County for construction in public right-of-way shall contain provisions for the assessment of liquidated damages for unauthorized peak-hour lane closures, pedestrian access route closures without authorization, and traffic signal maintenance and operation not in conformity with the Minimum Standards or, where applicable, the elevated requirements contained in the contract documents.

**6.1 Peak-hour Lane Closures:** Peak-hour lane closures will be prohibited unless all viable alternatives have been explored and reasons for the closures are warranted, justified, and documented. Peak-hour lane closures proposed by Contractor must be preapproved in writing by County; otherwise they are expressly prohibited. Failure of Contractor to comply with this requirement will result in assessment of liquidated damages in the amount of     TBD     for each occurrence of a prohibited peak-hour lane closure plus     TBD     for each ensuing thirty (30) minute interval, up to a maximum amount not to exceed as per Article 3, Table 1, Section J per day, which will be assessed until the prohibited peak-hour lane closure is reopened.

**6.2 Pedestrian Access Route Closures:** For any temporary or permanent alteration or removal of a pedestrian access route, curb ramp, or street crossing, for ingress or egress, Contractor shall ensure that there is a viable alternate route accessible to pedestrians during construction, events, or other temporary conditions, for traversing the public right-of-way. Failure of Contractor to comply with the County-approved MOT plan or to request and obtain preapproval of a variance from the County-approved MOT plan will result in the assessment of liquidated damages in the amount of     TBD     for each occurrence plus     TBD     for each ensuing thirty (30) minute interval, up to a maximum amount not to exceed as per Article 3, Table 1, Section J per day, which will be assessed until the pedestrian access route is made available.

**6.3 Liquidated Damages for Traffic Signal Maintenance and Operation During Construction:** After issuance of the first notice to proceed and prior to beginning construction, Contractor shall submit to the Traffic Engineering Division for approval the signal timing plan(s) for all signalized intersections identified in those plan(s). The plan(s) must clearly identify each intersection's proposed traffic movements with associated timing throughout each phase of construction.



- a) Contractor shall assume and accept maintenance responsibilities for the signalized intersections identified in the Contract Documents. Maintenance responsibilities include, but are not limited to:
- Repairing or replacing defective equipment;
  - Implementing signal timing plan(s) and performing necessary adjustments thereto;
  - Performing all video/vehicle detection system changes required by Minimum Standards and all traffic control manuals, and deemed necessary by the Traffic Engineering Division's Director, or designee;
  - Maintaining existing systems communications with the Traffic Engineering Division's Traffic Management Center; and
  - Adjusting signal equipment to meet the Minimum Standards and all traffic control manuals during each phase of construction.
- b) At the sole discretion of the Consultant, and if the approved signal timing plan causes extended congestion or delays, Contractor will be directed to study the intersection signal timing plan and to prepare a report with its recommendations. Based on the report, the Consultant may direct Contractor to prepare an alternative signal timing plan for the Traffic Engineering Division's review and approval. The report shall be provided to the Traffic Engineering Division within two (2) business days after such direction. Failure of Contractor to provide a report of the intersection signal timing plan recommendations to the Traffic Engineering Division within two (2) business days after request will result in liquidated damages in the amount of \$3,500 per day until the report is received. Within twenty-four (24) hours after Contractor's receipt of the Traffic Engineering Division's approved changes to an intersection's signal timing plan, Contractor shall submit to the Traffic Engineering Division any proposed modifications to the approved changes; otherwise any objections to the approved changes will be deemed waived. Thereafter, Contractor's failure to implement the approved changes within twenty-four (24) hours will result in liquidated damages in the amount of \$1,000 per day until the approved changes to the signal timing plan are implemented.
- c) All existing traffic signalization equipment is presumed to be in good working order unless Contractor submits written notice to the Traffic Engineering Division's Director, or designee, before beginning construction, identifying any issues with the equipment. After commencement of construction, any subsequent damage or malfunctions to the signal equipment, including but not limited to mast arm and strain pole structures, must be repaired by Contractor at Contractor's sole expense.

**6.4 Appeals:** If Contractor desires to appeal any assessment of liquidated damages imposed herein, Contractor shall submit to the Contract Administrator written notice of its intent to dispute the assessment within ten (10) calendar days after Contractor's receipt of County's notice of assessment; otherwise any objection to either the assessment or the amount will be deemed waived. Contractor's notice of appeal must provide the basis for the objection(s) and any other supporting documentation to assist in

dispute resolution. Once the Contract Administrator receives notice of Contractor's intent to dispute, County and Contractor will hold a conference within ten (10) calendar days in an attempt to resolve the dispute. If disputed issues remain after the conference is held, or if no such conference occurs within ten (10) calendar days after the Contract Administrator's receipt of Contractor's notice, the parties shall undertake dispute resolution in accordance with Article 12 of the Agreement.

L. Payment:

1. Final payment and release of retainage will be paid in full upon completion of all requirements.
2. Prior to the first Application for Payment, the Vendor shall submit to the County, a schedule of values of the various portions of the Work, aggregating the total Contract Sum. Each item in the schedule, when approved by the County, shall be used only as a basis for the VENDOR'S Application for Payment.
3. If the solicitation includes an allowance amount for permits, parts on a pass thru, or other identified types of allowances, the following shall apply to payment of allowances:

<b>Pass-thru Allowance Item</b>	<b>Annual Estimated Amount</b>
Parts and Material	\$100,000
Equipment Rental	\$100,000
Permits and Inspection Fees	\$25,000
<b>Total</b>	<b>\$225,000</b>

- a. The allowance amount and scope of allowance is identified in the solicitation's Specifications and Requirements.
- b. The allowance amount is an estimate only; payment is not guaranteed and is only paid based on actual costs incurred by the Vendor for the identified allowance.
- c. The Contract Administrator or designee must authorize use of any allowances (per Specifications and Requirements) prior to Vendor incurring costs related to an allowance amount.
- d. No markup or additional fees are allowed on payment of allowance items. This includes, but is not limited to, overhead, profit, "runner's fees", etc.
- e. Allowances for Permit Fees: payment for permit fees does not include licenses, permit expediting services, re-inspection fees, and expired permit fees. Proof of permit fee(s) shall be submitted with Vendor's invoice for payment.

- f. Allowance for Parts on a Pass Thru: Vendor must charge the County the same invoice prices as it is charged by its suppliers. A copy of the Vendor's invoice(s) from supplier(s) for approved parts and materials shall be submitted with the Vendor's invoice for payment. In cases where the Vendor manufactures its own parts, Vendor will charge the County a price no higher than it charges its most favored customer.

# **SPECIFICATIONS AND REQUIREMENTS**

## **Roadway, Drainage, Utilities, Traffic & Miscellaneous Construction**

### **1. SCOPE OF WORK**

- 1.1 Furnish all labor, materials, equipment, supervision and incidentals required to perform roadway reconstruction, widening, milling, resurfacing, pavement marking, drainage work, traffic control and signalization, school flushers, communications network, street lighting, water and sewer, landscaping, signing and pavement marking, guardrail, maintenance of traffic and so forth in a competent and professional manner in compliance with all applicable building, safety, technical and related codes and laws for the Broward County Highway Construction and Engineering Division (BCHCED) and other Broward County agencies.
- 1.2. This solicitation has been developed utilizing the Florida Department of Transportation (FDOT) Pay Item system as defined in the Florida Department of Transportation Basis of Estimates, as amended, unless otherwise noted in this document. The Contract requires that the CONTRACTOR adhere to the governing standards and specifications. If conflicts between specification and governing standards, then the most stringent shall apply.
  - 1.1.2 If there is an apparent silence of the specifications with respect to any materials, details, or description concerning any Pay Item in this Contract, it shall be considered that only the best commercial and industry accepted practices (means and methods) shall prevail. Any omission or question of interpretation of the specification that affects the performance or integrity of the material or service being offered shall be requested prior to the solicitation's deadline for questions.
- 1.3. CONTRACTOR is advised that the amount, magnitude, scope, and pace of work orders shall be determined based on the needs, capacity and requirements of the County, and therefore the CONTRACTOR should not expect that the Contract will necessarily provide a consistent, predictable rate of contract work orders and corresponding revenue stream.
- 1.4. The Contract does not allow for price escalations, negotiations or reinterpretations.
- 1.5. Projects shall include delivery and installation at locations Countywide. There are no minimum or maximum quantities assumed for each individual project. CONTRACTOR's bid shall account for this. CONTRACTOR shall furnish all materials, equipment, labor, and services that may be required for each individual project. All material and parts provided by CONTRACTOR shall be new.
- 1.6. The CONTRACTOR agrees to cooperate and work with all Broward County divisions in scheduling work requested. The CONTRACTOR will be notified approximately ten (10) calendar days in advance of start date of a project, except during emergencies. The CONTRACTOR will be notified of completion dates prior to the project start date.

- 1.7. The work embraced in this Contract shall commence only when sufficient material, equipment, personnel, and other necessities are available; consequently, it can be carried out regularly, uninterrupted, and completed without delay. The CONTRACTOR is responsible for estimation of all materials necessary for completion of any project designated by the County.

## **2. ABBREVIATIONS AND DEFINITIONS**

The following are referenced throughout the solicitation and Contract. Additional definitions can be found under the Broward County Procurement Code, as amended.

- 2.1 ATSSA: American Traffic Safety Services Association which is an industry-recognized organization that provides certification programs in various aspects of traffic safety and roadway work zone safety.
- 2.2 BCHCED: Broward County Highway Construction and Engineering Division. This agency will be responsible for the management and administration of this Contract.
- 2.3 BCTED: Broward County Traffic Engineering Division.
- 2.4 Contract: All types of binding agreements, regardless of what they may be called, for the procurement or disposal of supplies, services or construction.
- 2.5 CONTRACTOR: Any person having a contract with the Board of County Commissioners.
- 2.6 Contract Administrator: The ranking managerial employee of the agency requesting items or services, or an employee expressly designated by the Divisional Director. The Contract Administrator has the responsibility to insure that the provisions of each contract are complied with by both the County and the CONTRACTOR.
- 2.7 Construction: The process of building, altering, repairing, improving, or demolishing any public structure or building, or other public improvements of any kind to any public real property owned or under the control of Broward County. It does not include the routine operation, repair, or maintenance of existing structures, buildings, or other real property.
- 2.8 PO: A County purchase order issued to formalize a purchase transaction with a Vendor/CONTRACTOR, conveying acceptance of a Vendor/CONTRACTOR's proposal. The PO is the budgetary authorization that assures that the funds have been encumbered within the County's accounting system for reimbursement to the CONTRACTOR after completion of the work included in the PO.
- 2.9 Emergency: A threat to public health, welfare, safety, property or other substantial loss to the County.
- 2.10 Engineer of Record: Employee of the County or County's Consultant who provides professional engineering services.
- 2.11 Engineer of Record: Employee of the County or County's Consultant who is responsible for signed and sealed design plans.

- 2.12 FDOT: Florida Department of Transportation, the State agency responsible for permitting, planning, construction, traffic operations and maintenance on the State Highway System.
- 2.13 IMSA: International Municipal Signal Association which is an industry-recognized organization that provides certification programs for the safe installation, operation and maintenance of public safety systems, including traffic signal systems.
- 2.14 ITS: Intelligent Transportation System which refers to the utilization of new and emerging information and communications technologies for the purpose of improving the management and efficiency of transportation systems. These technologies include a wide range of fiber optic and wireless communications; video-based, acoustic-based and magnetic-based sensing technologies; recording and computational technologies, and emergency notification systems.
- 2.15 MOT: Maintenance of Traffic which encompasses the planning, design and implementation of temporary traffic control plans for the safe accommodation of vehicles, pedestrians, bicyclists, transit users, and construction workers through, and within, a roadway construction work zone or emergency incident area.
- 2.16 NTP: A Notice to Proceed which is the administrative directive from the County that authorizes the CONTRACTOR to commence permitting or work.
- 2.17 NTP1: The first Notice to Proceed issued which allows for commencement of permitting and shop drawing review period.
- 2.18 NTP2: The second Notice to Proceed issued which allows for the commencement of the work.
- 2.19 Or Equal and Or Equivalent: A product determined by the County to be equal to or greater in quality or performance than the product specified. Any requests for review and approval for equivalency shall be submitted to the PM after award of contract.
- 2.20 OSHA: Occupational Safety and Health Administration which is the main federal agency charged with the enforcement of safety and health legislation. CONTRACTOR is required by federal law to abide by and implement applicable OSHA standards and regulations at construction sites in order to prevent injuries of workers.
- 2.21 PM: The County's Project Manager who has been designated by the Contract Administrator to be responsible for the day-to-day administration of the contract, and ensuring that the CONTRACTOR completes the project work assignment in a timely and efficient manner, in accordance with the contract requirements. The Project Manager may delegate or designate authority to other County personnel when necessary.
- 2.22 QVM: Quantities Verification Meeting
- 2.23 Services: The furnishing of labor, time, and effort by a CONTRACTOR, not involving the delivery of a specific end product other than reports which are merely incidental to the required performance. This term shall not include employment agreements or collective bargaining agreements but shall include both professional and general services.

- 2.24 Vendor: An actual or potential supplier of an item, service, or construction.
- 2.25 Work Order: synonymous with Delivery or Purchase Order (PO).
- 2.26 WZTC: Work Zone Traffic Control which is often used interchangeably with MOT. The preparation, implementation and supervision of MOT activities.
- 2.27 Consultant: Architect or Engineer who has contracted with County, or who is an employee of County, to provide professional services for this Contract.
- 2.28 Contract Documents: The official documents setting forth bidding information, requirements, and contractual obligations for the Project and includes the Contract, Scope of Work, General Conditions, Invitation to Bid, Addenda, Standard Instructions for Vendors, Special Instructions for Vendors, Plans, Drawings, Exhibits, General Requirements, Technical Specification, Supplementary Conditions, Bid Forms, Record of Award by Board, Bonds, Notice of Award, Notices(s) to Proceed, Supplements, Representations and Certifications, Certificates, Project Forms, Closeout Forms, Purchase Order(s), Field Order(s), and any additional documents the submission of which is required by this Project.

### 3. GOVERNING STANDARDS AND SPECIFICATIONS

- 3.1 All work, equipment and materials furnished and/or installed as part of this Contract shall be in conformance with the standards and specifications listed below. All applicable national/Federal standards and specifications serve as first tier in the hierarchy of the standards and specifications. State standards and specifications, including those promulgated by FDOT, serve as the next tier, and further refine, clarify and detail the national/Federal standards for use throughout the State of Florida. Standards and specifications published by the County further expand and refine the national and State standards and specifications, mostly to establish and clarify local preferences, protocols and system compatibility requirements.
- 3.2 BCTED Communication Infrastructure Standards & Specifications and Exhibit 25A of the Broward County Administrative Code Minimum Standards are not intended to reduce or diminish National or State Standards in any way, but rather to further clarify and refine the functional needs of the maintaining agency. The CONTRACTOR shall ensure that all National and State Standards continue to be adhered to and that any additional requirements identified by BCTED standards and specifications and County's Minimum Standards are also incorporated into the project work elements. In the event a conflict appears to exist among the standards or specifications, the more stringent and specific requirements shall prevail.
- 3.3 The following is a listing of key governing standards and specifications for all work performed under this contract. The listing is intended to address the vast majority of work anticipated to be covered under the Contract, but is not guaranteed to be all inclusive:

- 3.3.1 **United States Department of Transportation (USDOT)/Federal Highway Administration, Manual on Uniform Traffic Control Devices (MUTCD)**, (latest edition and amendments in effect as of May 2019) {available at: <http://mutcd.fhwa.dot.gov> }
- 3.3.2 **Americans with Disabilities Act Accessibility Guidelines (ADA)** {available at: [http://www.ada.gov/2010ADAstandards\\_index.htm](http://www.ada.gov/2010ADAstandards_index.htm) }
- 3.3.3 **The Manual of Uniform Minimum Standards for Design, Construction, and Maintenance (commonly known as the "Florida Green Book"), 2016 Edition,** {available at: <https://www.fdot.gov/roadway/FloridaGreenbook/FGB.shtm> }
- 3.3.4 **FDOT Standards Plans for Road and Bridge Construction, FY 2019-20**, [\*Note that Maintenance of Traffic/Work Zone Traffic Control standards are incorporated in Index Series 102-600 of this document] {available at: <https://www.fdot.gov/design/standardplans/SPRBC.shtm> }
- 3.3.5 **FDOT Standard Specifications for Road and Bridge Construction, July 2019** (including all referenced and supplemental standards and specifications within (including ASTM and ANSI specifications), and all amendments, mandatory revisions, workbooks, and implemented modifications in effect as of July 2019) {available at: <https://www.fdot.gov/programmanagement/Implemented/SpecBooks/default> }



[It.shtm](#) }. **A list of Division I sections that are applicable to this Contract are included in Section 24 of the Specifications and Requirements.**

- 3.3.6 **FDOT Basis of Estimates Manual, 2017** (including all amendments)  
{available at:  
<http://www.fdot.gov/programmanagement/Estimates/BasisofEstimates/BOEManual/BOEOnline.shtm> }
- 3.3.7 **FDOT Statewide Quality Assurance/Quality Control Plan (QA/QC) Construction Inspection QC Guidelist FY 18/19** {available at:  
<http://www.fdot.gov/construction/CONSTADM/guidelist/GuideIndex.shtm> }
- 3.3.8 **FDOT Statewide Quality Assurance/ Quality Control Plan (QA/QC) Construction QA Critical Requirements Lists FY 18/19** {available at:  
<http://www.fdot.gov/construction/CONSTADM/guidelist/GuideIndex.shtm> }
- 3.3.9 **FDOT Forms & Procedures** available at:  
<https://www.fdot.gov/development/> }
- 3.3.10 Minimum Design and Construction Standard for City or Town where the project is located.
- 3.3.11 **Minimum Standards Applicable to Public Right-of-Way Under Broward County, Florida Jurisdiction**, [Referenced throughout the Contract as "County's Minimum Standards"] {available at:  
<http://www.broward.org/BCEngineering/Pages/Default.aspx> }
- 3.3.12 **Broward County Traffic Engineering Division latest edition of Publications listed below** {available at:  
<http://www.broward.org/Traffic/Pages/Publications.aspx> }:  
  - 3.3.12.1 Maintenance of Traffic - General
  - 3.3.12.2 BCTED Maintenance of Traffic School / Pedestrian
  - 3.3.12.3 FDOT Maintenance of Traffic School / Pedestrian
  - 3.3.12.4 Acceptance of Traffic Signal Maintenance and Timing by Contractor During Construction and Burn-in Period
  - 3.3.12.5 School Zone Installation Requirements within Broward County
  - 3.3.12.6 School Zone Installation Standards, Policies, and Procedures
  - 3.3.12.7 Technical Policy Memos
  - 3.3.12.8 Pavement Marking and Signs Details
  - 3.3.12.9 Ground Sign Assembly Details
  - 3.3.12.10 STOP SIGN AND STREET IDENTIFICATION ASSEMBLY DETAILS
  - 3.3.12.11 W11-2 and Supplemental Sign
  - 3.3.12.12 BICYCLE PAVEMENT MARKINGS AND SIGNS DETAILS
  - 3.3.12.13 Solar School Flasher Details – Ground Mount
  - 3.3.12.14 Solar School Flasher Details – Overhead Mast Arm
  - 3.3.12.15 S1-1 and Supplemental Sign
  - 3.3.12.16 TYPICAL SIGNALIZATION PLAN
  - 3.3.12.17 Pedestrian Signal and Detector Installation Details
  - 3.3.12.18 Drilled Shaft Foundation and Cabinet Details
  - 3.3.12.19 Span Wire Modification Installation Details
  - 3.3.12.20 Typical Signal Pull Box Details
  - 3.3.12.21 Video Detection Details

3.3.12.22	Pedestal Mounted Detail
3.3.12.23	Power Service Details
3.3.12.24	INTERNALLY ILLUMINATED STREET NAME SIGN DETAILS
3.3.12.25	BCTED General and Pay Item notes
3.3.12.26	BCTED Signalization Design Requirements
3.3.12.27	BCTED Signalization Equipment Requirements
3.3.12.28	Communications Infrastructure Policies and Procedures
3.3.12.29	Communications Infrastructure Standards and Specifications
3.3.12.30	660-4-xx Vehicle Detection Pay Item Notes
3.3.12.31	HDPE SDR 11 Conduit Memo 10-5-11
3.3.12.32	Mast Arm Paint Specification Effective 5-26-11
3.3.12.33	ROUNABOUT DETAILS
3.3.12.34	SPEED HUMPS SPECIFICATIONS

#### 4. PAY ITEM STRUCTURE

The Pay Item unit cost is the only available way and means of compensating the CONTRACTOR for work completed under this Contract.

- 4.1 The Pay Item unit cost includes the cost of the equipment item and/or required installation costs including all labor, tools, equipment, fuel, incidental and miscellaneous materials necessary for a complete and accepted installation. The Vendor/CONTRACTOR must also factor within the cost of each individual Pay Item unit, the cost for any additional incidentals including, but not limited to, the following:

- 4.1.1 Field visits
- 4.1.2 Meetings
- 4.1.3 Permit Acquisition Time
- 4.1.4 Travel time
- 4.1.5 Loading and unloading
- 4.1.6 Mobilization
- 4.1.7 Restoration of work areas
- 4.1.8 Documentation
- 4.1.9 Scheduling
- 4.1.10 Submittals
- 4.1.11 Quality control
- 4.1.12 Inspections and testing
- 4.1.13 County's written acceptance
- 4.1.14 Quantity verification
- 4.1.15 Disposal of materials
- 4.1.16 Delivery of removed items requesting to be returned to a County facility
- 4.1.17 90 Day Burn-in Period
- 4.1.18 1 year Warranty
- 4.1.19 Preparation submittals of As-Built drawings including: hard copy, electronic computer aided design (CAD) files and .pdf format.

#### 4.2 Amended FDOT Pay Items

- 4.2.1 This solicitation is principally developed under the FDOT Pay Item structure included with the FDOT Basis of Estimates framework. The corresponding FDOT standards and specifications associated with each Pay Item represent the pre-requisite minimum standard required of the County. However, due to the fact that this is a general services contract, the County determined that further refinement, and more specificity of the standard

FDOT pay item description, would better describe the more detailed and potentially varied requirements of this solicitation, and overall better facilitate the bidding process. Therefore, in cases where it was deemed appropriate by the County to further clarify a particular FDOT pay item number, BHCED has provided references within pay items of the bid pricing sheets that further clarify the BHCED-specific project requirements.

- 4.2.2 The County maintains an Approved Signalization Equipment List which references the FDOT Pay Item numbers. The intent of this list is to inform and provide guidance to contractors of County traffic control equipment requirements. Devices mentioned in the Not Approvable column shall not be accepted. The Broward County Approved Signalization Equipment List is a living document and can be changed within the life of the Contract. Any equipment disapprovals within the life of the contract must be adhered to by the CONTRACTOR. The CONTRACTOR will have to re-submit new equipment for the pay item with the disapproval if this were to occur. This approved list is available at following link:  
<http://www.broward.org/Traffic/About/Pages/Publications.aspx>.

#### 4.3 Usage of Hourly Labor and Equipment Rates

Specific project requirements may require the utilization of hourly labor and equipment rates to otherwise fulfill work tasks not specifically addressed by a particular pay item. The methods for utilizing hourly rates is as follows:

- 4.3.1 Maximum Limiting/Not-to-Exceed Amount. Under this method, a specific type of work, equipment and the particular personnel classification to be utilized is known with a reasonable degree of certainty, but the extent of the hours required to complete the work is uncertain. An example of this scenario would be the repair of damaged underground interconnect conduit where the type of work is known, but the extent of damage is not immediately known because the damage is underground. Similar to an hourly contract, the CONTRACTOR will perform the requested services within a pre-determined maximum which limits the amount of hours, and the CONTRACTOR will have to document and report the specific hours actually worked on the Purchase Order (PO). The CONTRACTOR shall only be compensated for documented hours; the CONTRACTOR shall not be compensated for hours that exceed the PO maximum-limiting amount of hours or for hours performed by other classifications of personnel not included in the PO.
- 4.3.2 Hourly rates will be pro-rated to the nearest quarter hour increments. Travel time to and from the project site will only be billable when the purchase order does not contain other pay items outside of pass thru allowances and hourly rates.
- 4.3.3 The cost of transporting equipment to and from the job site is included in the hourly rate of the applicable pay item. The County will not pay from equipment remaining overnight at the job site, or if the equipment is not operational for four hours or longer.

## **5. CONTRACT ADMINISTRATION**

- 5.1 The PM will be responsible for the day-to-day administration of the Contract, overseeing all technical aspects of the contract, payment requests and ensuring that the CONTRACTOR completes the project work assignments in a timely and efficient manner, in accordance with the Contract requirements.
- 5.2 The PM will be the primary point of contact between the CONTRACTOR and County. All administrative and technical questions, decisions and documentation shall be transmitted through the PM. Any technical or procedural questions considered to be of a particularly critical nature to the Contract, potentially resulting in modifications to project costs, timeframes, scheduling, acceptability of equipment, or design issues, **MUST** be directed to the PM, and the CONTRACTOR **MUST** receive the corresponding reply, in writing, on the subject matter from the PM. The CONTRACTOR shall not rely on the opinions or decisions of other staff members. The CONTRACTOR's failure to communicate such issues to the PM, and/or to rely on information provided by other staff may place the CONTRACTOR at risk for loss or damages resulting directly or indirectly from unapproved actions, and such losses or damages will not be eligible for compensation or relief from the County.
- 5.3 The CONTRACTOR shall recognize that the PM has been granted the decision making authority by the Contract Administrator on all technical matters related to the Contract. However, should an issue arise that cannot be resolved by the PM, a meeting may be held with the Contract Administrator to resolve the issue.
- 5.4 Should the CONTRACTOR fail to perform work within this management framework such that the actions of the CONTRACTOR become adversarial, divisive or unproductive, and/or begin to impede and undermine the progress of the Contract work, termination of the Contract may be initiated under the provisions outlined in the General Conditions.
- 5.5 The CONTRACTOR shall coordinate with PM before accepting any Task.

## **6. MANAGEMENT SERVICES AND PERSONNEL PROVIDED BY CONTRACTOR**

The CONTRACTOR shall furnish and maintain all labor, supervision, expertise, vehicles, equipment, tools, materials, parts, licenses, supplies, travel expenses and incidentals necessary to complete the work.

- 6.1 CONTRACTOR's field construction personnel at the job sites shall be qualified and experienced in the services to be performed.
- 6.2 All fiber optic installations shall be completed by personnel certified by the Fiber Optic Association as a Certified Fiber Optic Technician (CFOT®), Certified Premises Cabling Technician (CPCT), or equivalent. Proof of certification shall be provided upon County's request.
- 6.3 Wherever a new traffic signal is turned on or when an existing signal is modified, requiring control equipment, CONTRACTOR shall provide qualified personnel at the job site to assist in verifying and monitoring the operation. In cases where the CONTRACTOR does not have the technical expertise or required training, then a technical representative of the control equipment supplier shall be required at the job site, at no additional expense to the County, to assist in verifying and monitoring the operation. The technical representative, or CONTRACTOR's staff member

accompanying the technical representative, must be an IMSA certified Traffic Signals Construction Technician Level II. Proof of certification shall be provided upon County's request.

- 6.4 When a traffic signal cabinet is being worked on or a new traffic signal cabinet is being put into operation, the representative must be an IMSA certified Traffic Signals Construction Technician Level III. Proof of certification shall be provided upon County's request.
- 6.5 All installation and/or training support must be provided by factory-authorized personnel with IMSA Traffic Signal Field Technician Level II or III certification. Proof of certification shall be provided upon County's request.
- 6.6 Any of the CONTRACTOR's or subcontractor's personnel removed from service under this Contract shall be replaced by other qualified and experienced personnel as per the terms of this Contract. Failure to provide a replacement shall result in suspension of work that would have otherwise been performed by the personnel until the replacement personnel is approved by the PM. Any personnel who is found to have falsified records including, but not limited to, application documents, reference information, test or investigation results or reports provided to the County under this Contract, shall be immediately removed from providing service under this Contract. Any of the CONTRACTOR's or subcontractor's staff that is not certified, as required by this Contract, shall be immediately removed from providing service under this Contract until required certifications have been attained.
- 6.7 CONTRACTOR shall not subcontract work under this Contract to the County's Consultant, as this is a conflict of interest.
- 6.8 **Contractor shall have a copy of this Contract and set of plans at each job site.**
- 6.9 All permits and licenses required by federal, state or local laws, rules and regulations necessary for the prosecution of the Work undertaken by CONTRACTOR pursuant to this Contract shall be secured and paid for by CONTRACTOR. CONTRACTOR shall be reimbursed only for the actual amount of the permit and/or licenses fee(s) as evidenced by an invoice or other acceptable documentation issued by the permitting agency. It is CONTRACTOR's responsibility to have and maintain appropriate Certificate(s) of Competency, valid for the Work to be performed and valid for the jurisdiction in which the Work is to be performed for all persons working on the Project for whom a Certificate of Competency is required. Impact fees levied by any municipality shall be paid by CONTRACTOR. CONTRACTOR shall be reimbursed only for the actual amount of the impact fee levied by the municipality as evidenced by an invoice or other acceptable documentation issued by the municipality. Reimbursement to CONTRACTOR in no event shall include profit or overhead of CONTRACTOR.

## 7. PRE-CONSTRUCTION ACTIVITIES AND PROCEDURE

### 7.1 Contract Kick-Off Meeting

After award of a contract, a Contract Kick-off Meeting will be scheduled by the CONTRACTOR between County personnel and representatives of the CONTRACTOR. The purpose of the meeting is to provide an opportunity for all key personnel from the County and the CONTRACTOR(S) to meet one another and outline

the processes and procedures associated with the Contract. CONTRACTOR will not be compensated for attending this Contract Kick-Off Meeting. The following represents a list of potential items to be discussed:

- 7.1.1 Contract Overview
- 7.1.2 Roles and Responsibilities
- 7.1.3 Work Order Process/Notices-to-Proceed (NTP)
- 7.1.4 Pay Item Structure
- 7.1.5 Standards and Specifications
- 7.1.6 Scheduling
- 7.1.7 Work Performance
- 7.1.8 CONTRACTOR's Construction Quality Control Plan
- 7.1.9 Safety and MOT/Work Zone Traffic Control
- 7.1.10 Field Verification of Quantities
- 7.1.11 Inspection Process
- 7.1.12 As-Built Requirements
- 7.1.13 County Business Enterprise (CBE) Requirements
- 7.1.14 Invoicing
- 7.1.15 90 Day Burn-In Period
- 7.1.16 Prevailing Wages

## 7.2 Pre-Construction Meeting

- 7.2.1 Prior to any authorization to perform work, a project-specific pre-construction meeting will be held between the PM, other County staff, and the CONTRACTOR's project manager or other qualified personnel. When the County is only requesting the furnishing of items and services are not being requested, a pre-construction meeting will not be required. CONTRACTOR will not be compensated for attending pre-construction meetings; these costs are included in the unit prices. On less complex projects, the PM has the option to hold the Pre-construction meeting via a teleconference with the CONTRACTOR and other necessary County staff or agency.
- 7.2.2 Prior to the pre-construction meeting, the CONTRACTOR will be provided with a preliminary set of construction plans with estimated quantities, a sketch or written instructions. Contract requirements, timeframes and design issues will be discussed leading up to and at the meeting. The CONTRACTOR will review the plans and estimated quantities, and provide to PM any comments leading up to and at the meeting. In addition, a construction schedule for the job shall be provided for the County's approval at the pre-construction meeting.
- 7.2.3 If no issues arise, then a PO and NTP may be issued to the CONTRACTOR, and the CONTRACTOR will thereby accept responsibility for completing the requirements of the contract within the timeframe identified as part of the PO and NTP. Prior to issuance of the PO and NTP, if the CONTRACTOR identifies any discrepancies, then the CONTRACTOR shall immediately notify the PM, and every effort will be made to resolve those issues so that the work can proceed in a timely manner.

### 7.3 Purchase Orders and Notices to Proceed

- 7.3.1 The CONTRACTOR is not duly or legally authorized to perform work at the job site until the CONTRACTOR is in receipt of both a signed PO and NTP.
- 7.3.2 Any mobilization, demolition, or construction performed by the CONTRACTOR without a NTP places the CONTRACTOR at risk and at liability for any costs or claims resulting from performance of such work without authorization. Without a valid NTP, the CONTRACTOR cannot make claims against the County for reimbursement for any cost or damages resulting from performing work without County's written authorization.

## 7.4 On-Site Field Construction Meetings

- 7.4.1 As a standard operating practice for this Contract, an on-site field construction meeting may be held prior to construction commencement. The CONTRACTOR shall be responsible for scheduling the meeting which should be attended by the PM, other County personnel, the CONTRACTOR's project manager or other supervisory construction personnel responsible for managing the work, and any subcontractors that will be integral to successfully completing the work. CONTRACTOR will not be compensated for attending on-site field construction meetings; these costs are included in the unit prices.
- 7.4.2 The on-site field construction meetings are most productive immediately after underground utility locations have been marked in the field so that better decisions can be made regarding locating equipment to avoid underground utilities and other conflicts.
- 7.4.3 The CONTRACTOR is also responsible for inviting or notifying any utility company representatives to the meeting that may be able to provide useful input regarding utilities located within the work zone.

## 7.5 Notification of Construction Commencement

- 7.5.1 The CONTRACTOR shall be responsible for notifying the PM and other designated personnel by email at least five (5) business days in advance of impending construction commencement. This is necessary to ensure proper coordination of the construction.
- 7.5.2 The County reserves the right to approve or reject the proposed construction commencement date.
- 7.5.3 School pedestrians and school zone considerations may affect the start of construction even after the NTP has been issued. These considerations may require a thirty (30) business day notice prior to start of construction.

# 8. SCHEDULE TO COMPLETE WORK

## 8.1 Notice to Proceed Based Completion Schedule

- 8.1.1 The required project completion date shall be clearly identified by the County at the project-specific pre-construction meeting, and outlined in the NTP. The CONTRACTOR will have ten (10) business days after the pre-construction meeting to either accept the scheduled deadline as initially presented, or propose modifications to the scheduled deadline for County approval because of unforeseen construction related concerns.
- 8.1.2 No less than ten (10) business days from the pre-construction meeting and prior to issuance of a NTP, the CONTRACTOR shall submit to the PM the work order schedule.
- 8.1.3 At a time before the CONTRACTOR starts work at the job site, a field construction meeting may be held to discuss the proposed project



schedules and to establish a working understanding among the parties as to the work.

- 8.1.4 The CONTRACTOR shall submit a "bar" chart schedule for the project, which accurately depicts the sequencing, interdependence and time periods normally indicated by the Critical Path Method (CPM). The bar chart shall be of suitable scale, detail, and be reviewed and approved by the PM. The schedule shall include the planned commencement and completion of the work order; and the planned construction of individual pay items listed in the design plans, including their respective start dates, finish dates, duration of all pay item activities, predecessors' activities, resources (i.e. crew and equipment) used to complete the work, and the phase of construction for each individual pay item. The bar chart shall be "double-lined", if requested by the PM, in order to evaluate and determine the relationship between planned and actual construction progress, and the effects of delays and changes to the work with respect to revisions in project time and cost.
- 8.1.5 Based on the bar chart, the CONTRACTOR and the PM shall mutually agree upon the controlling items of work for each bi-weekly (two week) segment of the construction period. These controlling items shall be highlighted and readily identifiable.
- 8.1.6 In addition, the bar chart shall be revised whenever the CONTRACTOR changes the project schedule. Reasons for such changes shall be documented by the CONTRACTOR in writing and attached to the updated bar chart. Approval of the bar chart by the PM shall not constitute approval of the CONTRACTOR's means and/or methods of work.
- 8.1.7 The CONTRACTOR shall be responsible for preparing, updating the status of the construction items, and providing the work order schedule at scheduled progress meetings, which may be scheduled on a weekly, bi-weekly, or monthly basis depending on the complexity of the NTP.
- 8.1.8 No payment shall be made for preparation and/or revision of the bar chart.
- 8.2 The CONTRACTOR's project manager shall notify the PM via email at least one business day in advance of the daily construction activities. The PM may request a different time interval to receive construction activity notification, such as weekly, bi-weekly, and so forth. The agreed upon construction notification procedures shall be documented in a memo as part of the NTP provided by the PM, if it is to vary from the daily notification procedures stated above. The CONTRACTOR's project manager shall provide, at a minimum, the following information in the daily notifications:
  - 8.2.1 NTP Number
  - 8.2.2 Permit Number
  - 8.2.3 Approved MOT Plan or Index Number
  - 8.2.4 Date of Construction Activities
  - 8.2.5 Arrival Time
  - 8.2.6 Crew Supervisor's Name
  - 8.2.7 Pay items to be constructed
- 8.3 The County reserves the right to request additional information be added to the submittals of the CONTRACTOR's daily notifications.

- 8.4 Once the NTP is issued, the CONTRACTOR shall complete the project within the specified timeframe. An extension of the project timeframe shall require a written justification from the CONTRACTOR and approval by the PM. The scheduled completion of the project is intended to mean that the project has passed final inspection, which includes, but is not limited to, all restoration items complete.

8.5 Schedule Adherence NTP

The CONTRACTOR shall adhere to all NTP completion schedules throughout the duration of the project. , The CONTRACTOR shall notify the PM of an unforeseen condition or "Act of God", in writing, with the reasons and of the cause for the extension request if any such unforeseen circumstances arise that may prevent the CONTRACTOR from meeting the original completion date. The County expects such instances to be rare, and any habitual or systematic requests for time extensions may result in a reduction in the issuance of future NTP's or even termination of the Contract.

8.6 Substantial Completion

- 8.6.1 When the CONTRACTOR considers that the Work, or a portion thereof designated by the Contract Administrator has reached Substantial Completion, the CONTRACTOR shall notify the Contract Administrator or designee, in writing, and prepare a Certificate of Substantial Completion for County's review. A sample Certificate of Substantial Completion is attached.
- 8.6.2 The Contract Administrator or designee shall inspect the Work. When the Contract Administrator or designee, on the basis of such an inspection, determines that the Work, or designated portion thereof, is substantially complete, the Contractor Administrator will then review and approve the Certificate of Substantial Completion.
- 8.6.3 The Certificate of Substantial Completion shall state the responsibilities of the County and the CONTRACTOR for security, maintenance, heat, utilities, damage to the work, and insurance; and shall list all work yet to be completed to satisfy the requirements of the work order for Completion and Final Acceptance of the Work. The failure to include any items of corrective work on such list does not alter the responsibility of the CONTRACTOR to complete all of the work in accordance with the work order and detailed scope of work.

8.7 **Adjusting Substantial Completion Time**

- 8.7.1 The County may grant an extension of Substantial Completion Time when it increases the Purchase Order amount due to overruns in original Contract items, adds new work items, or provides for unforeseen work. The County will base the consideration for granting an extension of Substantial Completion Time on the extent that the time normally required to complete the additional designated work delays the Substantial Completion schedule.
- 8.7.2 The County may grant an extension of Substantial Completion Time when a controlling item of work is delayed by factors not reasonably anticipated or foreseeable at the time of issuing a Notice to Proceed. The County may allow such extension of time only for delays occurring during the Substantial

Completion Time period or authorized extensions of the Substantial Completion Time period. When failure by the County to fulfill an obligation under the Purchase Order results in delays to the controlling items of work, the County will consider such delays as a basis for granting a time extension to the Substantial Completion date.

- 8.7.3 Whenever the Engineer suspends the Contractor's operations for reasons other than the fault of the Contractor, the Engineer will grant a time extension for any delay to a controlling item of work due to such suspension. The County will not grant time extensions to the Substantial Completion date for delays due to the fault or negligence of the Contractor.
- 8.7.4 The County does not include an allowance for delays caused by the effects of inclement weather, in establishing Substantial Completion Time. The Engineer and Contractor will continually monitor the effects of weather and, when found justified, the Engineer will grant time extensions on either a bimonthly or monthly basis. The Engineer may require the Contractor to submit a request for additional time due to the effects of weather.
- 8.7.5 The County shall grant time extensions, on a day for day basis, for delays caused by the effects of rains or other inclement weather conditions or related adverse soil conditions that prevent the Contractor from productively performing controlling items of work resulting in:
  - 8.7.5.1 The Contractor being unable to work at least 50% of the normal work day on pre-determined controlling work items; or
  - 8.7.5.2 The Contractor must make major repairs to work damaged by weather, provided that the damage is not attributable to the Contractor's failure to perform or neglect; and provided that the Contractor was unable to work at least 50% of the normal workday on pre-determined controlling work items.
- 8.7.6 No additional compensation will be made for delays caused by the effects of inclement weather.
- 8.7.7 The County will consider the delays in delivery of materials or component equipment that affect progress on a controlling item of work as a basis for granting a time extension if such delays are beyond the control of the Contractor or supplier. Such delays may include an area-wide shortage, an industry-wide strike, or a natural disaster that affects all feasible sources of supply. In such cases, the Contractor shall furnish substantiating letters from a representative number of manufacturers of such materials or equipment clearly confirming that the delays in delivery were the result of an area-wide shortage, an industry-wide strike, etc. No additional compensation will be made for delays caused by delivery of materials or component equipment.
- 8.7.8 The County will not consider requests for time extension due to delay in the delivery of custom manufactured equipment such as traffic signal equipment, highway lighting equipment, etc., unless the Contractor furnishes documentation that he placed the order for such equipment in a timely manner, the delay was caused by factors beyond the manufacturer's control, and the lack of such equipment caused a delay in progress on a

controlling item of work. No additional compensation will be paid for delays caused by delivery of custom manufactured equipment.

8.7.9 The County will consider the effect of utility relocation and adjustment work on job progress as the basis for granting a time extension only if all the following criteria are met:

8.7.9.1 Delays are the result of either utility work that was not detailed in the plans, or utility work that was detailed in the plans but was not accomplished in reasonably close accordance with the schedule included in the Notice to Proceed.

8.7.9.2 Utility work actually affected progress toward completion of controlling work items.

8.7.9.3 The Contractor took all reasonable measures to minimize the effect of utility work on job progress, including cooperative scheduling of the Contractor's operations with the scheduled utility work at the preconstruction conference and providing adequate advance notification to utility companies as to the dates to coordinate their operations with the Contractor's operations to avoid delays.

8.7.10 As a condition precedent to an extension of Substantial Completion Time the Contractor must submit to the Engineer:

8.7.10.1 A preliminary request for an extension of Contract Time must be made in writing to the Engineer within ten calendar days after the commencement of a delay to a controlling item of work. If the Contractor fails to submit this required preliminary request for an extension of Contract Time, the Contractor fully, completely, absolutely and irrevocably waives any entitlement to an extension of Contract Time for that delay. In the case of a continuing delay only a single preliminary request for an extension of Contract Time will be required. Each such preliminary request for an extension of Contract Time shall include as a minimum the commencement date of the delay, the cause of the delay, and the controlling item of work affected by the delay. Furthermore, the Contractor must submit to the Engineer a request for a Contract Time extension in writing within 30 days after the elimination of the delay to the controlling item of work identified in the preliminary request for an extension of Contract Time. Each request for a Substantial Completion Time extension shall include as a minimum all documentation that the Contractor wishes the County to consider related to the delay, and the exact number of days requested to be added to Substantial Completion Time.

8.7.10.2 Upon timely receipt of the preliminary request of Substantial Completion Time from the Contractor, the Engineer will investigate the conditions, and if it is determined that a controlling item of work is being delayed for reasons beyond the control of the Contractor the Engineer will take appropriate action to mitigate the delay. Upon timely receipt of the request for a Substantial Completion Time extension the Engineer will further investigate the conditions,

and if it is determined that there was an increase in the time of performance of the controlling item of work beyond the control of the Contractor, then an adjustment of Substantial Completion Time will be made and the Notice To Proceed will be modified in writing accordingly.

- 8.7.10.3 The existence of an accepted schedule, including any required update(s), is a condition precedent to the Contractor having any right to the granting of an extension of contract time or any monetary compensation arising out of any delay. Contractor failure to have an accepted schedule, including any required update(s), for the period of potential impact, or in the event the currently accepted schedule and applicable updates do not accurately reflect the actual status of the project or fail to accurately show the true controlling or non-controlling work activities for the period of potential impact, will result in any entitlement determination as to time or money for such period of potential impact being limited solely to the County's analysis and identification of the actual controlling or non-controlling work activities. Further, in such instances, the County's determination as to entitlement as to time will be final, unless the Contractor can prove by clear and convincing evidence to a Contract Administrator that the County's determination was without any reasonable factual basis.

## **9. LATE PERFORMANCE AND LIQUIDATED DAMAGES**

### **9.1 Notice of Delinquency and Assignment of Liquidated Damages**

- 9.1.1 The CONTRACTOR is expected to complete all project NTP's within the date of substantial completion specified. Should the CONTRACTOR fail to complete any NTP by its scheduled substantial completion date without a County pre-approved written time extension, the CONTRACTOR shall be issued a "Notice of Delinquency" within five calendar days following the original NTP completion date. The "Notice of Delinquency" shall place the CONTRACTOR on notice that the CONTRACTOR will have only 14 calendar days beyond the original NTP substantial completion date to attain substantial completion of the work order, or the County shall invoke its right to collect liquidated damages at the rates established in the Special Instructions to Vendors.
- 9.1.2 For all work orders, regardless of whether the work order time is stipulated in calendar days or working days, the PM will count default days in calendar days.
- 9.1.3 The County reserves the right to deduct liquidated damage costs from payments owed to CONTRACTOR.
- 9.1.4 The County does not waive its right to liquidated damages due under the work order by allowing the CONTRACTOR to continue and to finish the work, or any part of it, after the expiration of the PO/NTP time, including granted time extensions.

9.1.5 In the case of a default by the CONTRACTOR of the work order and the completion of the work is performed by the County, the CONTRACTOR and its surety are liable for the liquidated damages under the PO/NTP, but the County will not charge liquidated damages for any delay in the final completion of the County's performance of the work due to any unreasonable action or delay on the part of the County.

9.1.6 The following original purchase order amount daily charges per calendar day shall apply to this Contract and are based on the FDOT Standard Specifications for Road and Bridge Construction, 2019 edition:

\$50,000 and under	\$ 956
Over \$50,000 but less than \$250,000	\$ 964
\$250,000 but less than \$500,000	\$1,241
\$500,000 but less than \$2,500,000	\$1,665

## 10. TEMPORARY SUSPENSION OF WORK

10.1 The County has the right to stop work on a project for which a NTP has been issued in the event of unforeseen circumstances or conditions that warrant temporary suspension of work. Upon request to temporary suspend work, the CONTRACTOR shall secure and clean up the site prior to departure. The CONTRACTOR shall accept this provision of the Contract, and shall be provided no additional compensation, and shall have no additional claims against the County should the CONTRACTOR be provided with this notice.

10.2 The County or any public official with jurisdiction within the CONTRACTOR'S work zone may stop work at the job site when deficiencies with the MOT/WZTC setup exist such that the resulting conditions represent an immediate safety hazard to the public.

## 11. INSPECTION AND METHOD OF QUANTITY MEASUREMENTS

11.1 All construction tests and inspections required by the County shall be witnessed by the PM and the following representatives:

11.1.1 A representative (Inspector) of BCHCED (or other County requesting agency), and/or a representative of the Engineer of Record for the Project, and

11.1.2 A representative of the CONTRACTOR

11.2 When necessary, in addition to the above, the following representatives may be required when requested by the County:

11.2.1 A representative of the testing lab (who will perform and certify the test results), and

11.2.2 A representative of the "facility owner" if testing of a public utility is being performed, and

11.2.3 A representative of BCTED if testing of signal, lighting, and/or communication components is being performed, and

11.2.4 If applicable, a representative of the governmental agency in which work is being performed in their jurisdiction as required.

- 11.3 Construction inspected by the County may be rejected for reasons of incompleteness or governing standards and specifications violation. The work shall be made to comply and the request for inspection repeated as outlined herein. It shall be assumed that the responsible individual(s) in charge of the work shall have inspected the work themselves and found the work to be in compliance with this Contract, NTP, referenced governing standards and specifications in this Contract, and the plan requirements before the request for inspection is made.
- 11.4 It is the responsibility of the CONTRACTOR, who holds the permit, to insure that the job site and work area are accessible and the required documentation for the requested inspections/re-inspection(s) are provided on-site. Failure to provide this access shall constitute a rejection of the pay item(s) construction and shall be scheduled for re-inspection and subject to applicable re-inspection fees as per Broward County Administrative Code Section 38, as amended. CONTRACTOR is responsible for rescheduling all re-inspection(s).
- 11.5 BCHCED shall witness such inspections/re-inspections and shall require the CONTRACTOR to perform tests as it deems appropriate to insure proper installation.
- 11.6 No labor, material or equipment required for the testing of facilities shall be furnished by the County, the facility owner or any other governmental agency.
- 11.7 The CONTRACTOR shall perform the tests(s) in the presence of the PM. If BCHCED fails to witness a properly scheduled test, the certification of the Engineer of Record shall only be accepted as determined by BCHCED.

## **12. REQUESTS FOR INSPECTION, QUANTITY VERIFICATION, "AS-BUILT" PLANS, AND PARTIAL PAYMENT**

### **12.1 Inspection Request for Partial Completion of NTP**

12.1.1 The PM shall be notified by the CONTRACTOR's project manager via email at least one business day in advance of the construction pay items which require an inspection. This may include pay item subset inspections, as requested by the PM. Pay Item subset inspections may include, but are not limited to, grounding, grounding array, ground connections that need to be left uncovered, buried or imbedded conduit, and form inspections which need to be performed prior to concrete pour, inspected and signed off before covering. In the event that items are concealed, it shall be the CONTRACTOR's responsibility to expose the questioned item(s) for the Inspector's approval, at no additional cost to the County. The CONTRACTOR's project manager shall provide, at a minimum, the following information in the pay item inspection request notifications:

- |          |   |
|----------|---|
| 12.1.1.1 | NTP Number  |
| 12.1.1.2 | Permit Number   |
| 12.1.1.3 | Proposed Date of Construction for Pay Item Inspection |
| 12.1.1.4 | Proposed Time of Inspection                           |
| 12.1.1.5 | Crew Supervisor's Name                                |
| 12.1.1.6 | Pay items to be inspected and estimated quantities    |

- 12.1.2 The County reserves the right to request additional information be added to the submittals of the CONTRACTOR's construction inspection notifications request.

## 12.2 Final Inspection Request

- 12.2.1 The PM shall be notified by the CONTRACTOR's project manager via email at least 10 calendar days in advance for the NTP which requires a final inspection. The CONTRACTOR's project manager shall provide, at a minimum, the following information in the Final Direct Order NTP inspection request notification:

- 12.2.1.1 NTP Number
- 12.2.1.2 Permit Number
- 12.2.1.3 Proposed Date for final inspection
- 12.2.1.4 Proposed Time for Inspection
- 12.2.1.5 Crew Supervisor's Name
- 12.2.1.6 Final Inspection Pay Items to be inspected and tested
- 12.2.1.7 As-Built Drawings

- 12.2.2 The County reserves the right to request additional information to be added to the submittals of the CONTRACTOR's final construction inspection notifications request.

- 12.2.3 Final inspection of communication, signal infrastructure, street lighting, and school flasher items shall be performed by the by the BCTED and the PM. The CONTRACTOR is responsible to be on-site with the required plans, equipment, and materials necessary to assist the County in performing the final inspection.

- 12.2.4 The CONTRACTOR shall be responsible for preparing and setting the MOT in accordance with the MOT procedures in the Contract in order for the County to perform a safe inspection.

- 12.2.5 The CONTRACTOR shall be required to capture all punch list items generated at the final inspection and provide an electronic copy to the PM for review and subsequent approval.

A written final inspection request shall be provided via email by the CONTRACTOR to the PM at least five business days prior to the scheduled final inspection date.

- 12.2.6 CONTRACTOR shall maintain all work until the County has reviewed and passed final **completion**.

## 12.3 Re-inspection and Retesting Fees

Re-inspection and retesting fees are established according to all applicable re-inspection fees as per Broward County Administrative Code Section 38, as amended, when the PM must revisit the job site to perform the same service when an installation fails to meet governing standards and specification requirements at the time of the first inspection or test on the same item.



## 12.4 Field Verification and Measurement of Quantities Prior to Invoicing

- 12.4.1 Field verification of installed pay items and the measurement of quantities shall be performed and witnessed jointly between representatives of the CONTRACTOR and the County, respectively.
- 12.4.2 The CONTRACTOR may request a Quantities Verification Meeting (QVM) after each PO-issued project is complete and has passed final inspection. The QVM may be requested by the CONTRACTOR in writing, via email, at least five (5) business days in advance of the desired meeting date. The QVM shall be performed by knowledgeable representatives from both the CONTRACTOR and County. The purpose is to mutually field verify, and mutually agree to, the project quantities physically installed in the field as of the time of the QVM. The intent is to avoid quantity discrepancies and/or unnecessary repeated trips to the job site.
- 12.4.3 The field verification of individual “per each” quantities should be straightforward upon visual inspection and each individual piece of equipment will be either tabulated as “not installed” (zero) or “fully installed” (100%) in integer values. No partial or percentage-based quantities shall be allowed to be tabulated for “per each” individual components as noted in the PO. The CONTRACTOR shall be required to provide the County with a certified As-Built Plan that clearly outlines the various “per each” items in accordance with the requirements of the As-Built Plan section of the Contract. The As-Built Plans shall also be supplemented with tabular data providing, at a minimum, the pay item number and the quantity installed. The PM reserves the right to require the CONTRACTOR to provide GPS coordinates for certain pay items in the tabular submittal of the As-Built Plans.
- 12.4.4 The field verification of “per assembly” quantities should also be straightforward upon visual inspection, and each individual piece of equipment will be either tabulated as “not installed” (zero) or “fully installed” (100%) in integer values. No partial or percentage-based quantities will typically be allowed to be tabulated for “per assembly” components as noted in the PO. Since the “per assembly” items are often comprised of multiple parts, each part of the assembly shall be fully attached and integrated as such that a fully-functional assembly shall be provided in order to receive 100% installation credit. The CONTRACTOR shall be required to provide the County with a certified As-Built Plan that clearly outline the various “per assembly” items in accordance with the requirements of the As-Built Plan section of the Contract. The As-Built Plans shall also be supplemented with tabular data providing, at a minimum, the pay item number and the quantity installed. The PM reserves the right to require the CONTRACTOR to provide GPS coordinates for certain pay items in the tabular submittal of the As-Built Plans.
- 12.4.5 The field verification of linear quantity items, such as conduit and cable, is generally more involved as these types of installations are often not visible and/or are located underground, making quick visual inspections impractical. For all linear types of pay item quantities, the CONTRACTOR shall be required to provide the County with a certified As-Built Plan that clearly outlines the various linear runs, segment lengths and terminus points

of each particular pay item in accordance with the requirements of the As-Built Plan section of the Contract. Quantities shall be measured in terms of direct-line measurements from terminus point to terminus point, such as from center of pull box to center of pull box for conduit.

- 12.4.6 Cable quantities measured shall be in linear footage due to governing design standards and specifications required for cable slack (i.e. loops, etc.) and underground vertical curvature. All cable to be paid for in linear feet shall be required to have foot markings. Payment for cable shall be based upon the length installed between cable terminations, as determined by the manufacturer's sequential markings printed on the cable jacket and recorded to the nearest foot. Cables not meeting the previous specifications shall not be paid when invoiced and shall be rejected during inspection.
- 12.4.7 Prior to completion of the on-site QVM, representatives from both the CONTRACTOR and the County will sign-off on the agreed quantity measurements. The CONTRACTOR shall supply at least two copies of all records, so that each party concludes the meeting with signed copies of all field verification documents. After conclusion of the QVM, the CONTRACTOR will be able to submit a corresponding final invoice to the PM for completion of the statement of work and payment of the verified and approved pay item quantities. The County representative shall verify the invoice based on the QVM and prepare the necessary documentation for payment of the invoice.
- 12.4.8 The CONTRACTOR shall abide by the above-described procedures in order to ensure appropriate and timely payment of invoice(s). It is extremely important to emphasize that the field verification process is a mandatory prerequisite to the actual submission of an invoice; the submission of unsubstantiated invoices prior to an inspection approval and to a mutual field verification of quantities shall result in immediate rejection of the invoice, potentially further delaying payment.

## 12.5 "As-Built" Plans

- 12.5.1 The CONTRACTOR shall maintain field drawings to reflect the "as-built" items of work as the work progresses. These record documents, together with all approved samples and a counterpart of all approved shop drawings, shall be available at all times to the PM. These record documents and project schedule shall be brought to the progress meetings by the CONTRACTOR to discuss the status of the project.
- 12.5.2 Upon completion of the work, the CONTRACTOR shall prepare a record set of "as-built" drawings on reproducible material (i.e. Computer Aided Design [CAD] format). The County uses AutoCad and is the acceptable CAD format of reproducible material. In addition, the CONTRACTOR may also be required to submit to the County a set of five hard copies of the signed and sealed as-builts as indicated below.
- 12.5.3 The cost of maintaining record changes, and preparation of the Record Drawings, shall be included in the unit prices bid for the affected items. Upon completion of the work, the CONTRACTOR shall furnish the County the reproducible "As-Built" Drawings. The completed Record drawings shall be

delivered to the County at least seven (7) business days prior to final inspection for the NTP. The final inspection will not be conducted unless the Record Drawings are in the possession of the PM.

12.5.4 The completed (or final) Record Drawings shall be certified by a Professional Land Surveyor registered in the State of Florida. This certification shall consist of the Surveyor's embossed seal bearing the Surveyor's registration number, name, signature, and date on each sheet of the drawing set. In addition, the key sheet, cover sheet or first sheet of the plans set, shall list the Surveyor's name, business name, business address telephone number, and email address. The certification shall follow the Florida Board of Professional Engineer's regulations.

12.5.5 Representative items of work that should be identified on the Record Drawings as verified, changed or added, include the following:

12.5.5.1 Roadway Plans

12.5.5.1.1 Drainage structure types, location with grade of rim and flow line elevations.

12.5.5.1.2 Utility type, size and elevation in conflict structures.

12.5.5.1.3 All manholes/maintenance hatches, valves and hydrants within the right-of-way.

12.5.5.1.4 Roadway cross section elevations, right-of-way to right-of-way, at high points (crests) and low points (sags).

12.5.5.1.5 Elevation at ends of returns and high points in curb and gutter.

12.5.5.1.6 Weir elevations at pollution control structures.

12.5.5.1.7 Spot (critical) elevations at plateau intersections.

12.5.5.1.8 Final cross sections necessary for earthwork payment.

12.5.5.1.9 Sidewalks and ADA ramps station and offsets including any design required elevations.

12.5.5.2 Traffic Signalization Plan

Equipment changes, support locations, controller locations and service points. Show station and offset of all poles and cabinets including any design required elevations.

12.5.5.3 Pavement Marking and Signing Plans

Signs and markings at locations where installations vary from plan requirements.

### 13. QUALITY OF WORK, GUARANTEES, AND WARRANTIES

#### 13.1 Quality of Work

13.1.1 The CONTRACTOR shall conform to all of the specifications contained within, or referred to within this Contract, and provide all installations and final construction to a level of quality acceptable to the trade and to the County.

13.1.2 The CONTRACTOR shall be responsible for the professional quality, technical accuracy, and coordination of all services furnished by the

CONTRACTOR under this Contract. The CONTRACTOR shall provide Quality Control (QC) to verify, independently check, and review all PO and NTP design drawings, specifications, and other documentation prepared for construction services as part of this Contract. No fabrication, casting, or construction shall occur until all related CONTRACTOR comments and/or concerns are addressed by the PM.

- 13.1.3 The CONTRACTOR further agrees to follow appropriate project drawings or sketches provided that outline the work requirements, and to follow all verbal and written instructions issued by the PM insofar as said instructions fall within the scope and limitations of this Contract.
- 13.1.4 The CONTRACTOR further agrees to use construction equipment which is safe and maintained in good working condition, and to provide proper direction and supervision of all work crews, including subcontractor forces, who are performing work tasks under this Contract. The County may reject unsafe equipment.
- 13.1.5 The CONTRACTOR shall be responsible for developing and maintaining a Construction Quality Control Plan in accordance with Section 105 of the FDOT Standard Specifications for Road and Bridge Construction which describes the Quality Control procedures to verify, check, and maintain control of key construction processes and materials.
- 13.1.6 The Construction Quality Control Plan for this Contract shall be provided to the PM for County approval at the Contract Kick-off meeting. The County reserves the right to request changes to already approved quality control plans.

#### 13.2 CONTRACTOR's Quality of Work Guarantee

- 13.2.1 All work performed by the CONTRACTOR shall be guaranteed against any defects in workmanship for a period of not less than one (1) year from final acceptance of the Work Order. Any defects found within this time period shall be repaired or replaced by the CONTRACTOR at no cost to the County.
- 13.2.2 All products and materials furnished by the CONTRACTOR shall carry the manufacturers' standard warranty.

### **14. MAINTENANCE OF TRAFFIC (MOT)/ WORK ZONE TRAFFIC CONTROL (WZTC)**

#### 14.1 General MOT and WZTC Requirements

- 14.1.1 The CONTRACTOR shall perform all work and services associated with this Contract in a safe and efficient manner in order to continuously protect motorists, pedestrians, workers and the public at-large within and in the vicinity of the work zone.
- 14.1.2 The CONTRACTOR shall implement and continuously comply with the MOT and WZTC requirements and criteria outlined in the most current version of the FDOT Design Standards, Index 600 series and all applicable sections

of the MUTCD and the County's Minimum Standards applicable to public rights-of-way under Broward County jurisdiction.

- 14.1.3 The CONTRACTOR shall inherently be paid for installation and maintenance of all MOT and WZTC equipment and labor in accordance with the unit prices for Maintenance of Traffic Pay Items. Payment for MOT shall only be applicable for Furnish and Install, Install, Remove and Relocate pay items performed in the public right-of-way that specifically require implementation of MOT and WZTC measures.
- 14.1.4 The CONTRACTOR shall not be paid MOT for "Furnish Only" items or any other services that do not specifically require the implementation of MOT and WZTC measures in the public right-of-way.
- 14.1.5 A MOT Plan shall be provided by the CONTRACTOR to the PM and BCTED for approval, prior to the issuance of a PO. An approved MOT Plan shall be required when work is being performed within a Broward County Right-of-Way regardless of whether an MOT permit is required. Once the MOT Plan has been approved by the PM, then the CONTRACTOR shall have the approved MOT Plan on-site prior to, and during, the entire operation. The cost of the MOT plan is included in the Maintenance of Traffic Pay Items.
- 14.1.6 A Certified Worksite Traffic Supervisor shall be present to direct the initial setup of the traffic control plan, shall be available on a 24-hour basis, shall participate in all changes to traffic control, and shall review the project on a daily basis. The MOT is valid for the duration of the permit or completion of the project's PO/NTP, whichever comes first. Once the MOT is approved by the PM, the permitted CONTRACTOR shall be solely responsible for the installation and maintenance of the approved work zone traffic control devices throughout the length of the project. Refer to Maintenance of Traffic General Instructions provided at the following location:  
<http://www.broward.org/Traffic/About/Pages/Publications.aspx>.
- 14.1.7 The CONTRACTOR shall be responsible for all traffic control equipment delivered to the job site as a part of the approved MOT plan. All equipment shall be clean, fully operational and fully reflective as per intended design and the requirements of the MUTCD and FDOT Design Standards, Index 600 series. Failure to insure all aspects of these criteria will be cause for immediate suspension of work until the sub-standard equipment is repaired or replaced.
- 14.1.8 The information provided on the MOT plans may consist of simply notes and references to the FDOT Design Standards, Index 600 series or may be as elaborate as detailed individual phase layouts using profile sheets and interchange and intersection layout sheets, all depending on the complexity of the PO/NTP as determined by the PM. The CONTRACTOR shall provide to the PM all requested information needed for approval, including the CONTRACTOR's proposed MOT plan. The MOT plans shall adhere to the FDOT Design Standards, Index 600 series and all applicable sections of the MUTCD and County's Minimum Standards.

## 14.2 MOT and WZTC Certifications

- 14.2.1 The CONTRACTOR and/or its subcontractor shall, at all times, have all flag persons certified in a FDOT, ATSSA or equivalent flagger courses.
- 14.2.2 The CONTRACTOR must also maintain an Area Supervisor that routinely inspects the work areas under construction daily, and must be at the job site during working hours within three hours of notification by either the on-site supervisor or the PM. The CONTRACTOR's Area Supervisor is ultimately responsible for ensuring that all MOT and WZTC activities are in compliance with this Contract, and that work is proceeding in a safe and efficient manner at the job site(s).
- 14.2.3 All CONTRACTOR and subcontractor personnel working on a project within the vicinity of a roadway shall possess a FDOT MOT Intermediate certification, or equivalent.
- 14.2.4 Proof of certification shall immediately be provided to County upon request. If proof of certification is not provided, the applicable personnel shall immediately be removed from the job site.

#### 14.3 Allowable Work Hours During Construction

- 14.3.1 Work involving the reduction of travel lanes is strictly prohibited to the hours of 6:30 a.m. to 9:00 a.m. and 4:00 p.m. to 6:30 p.m., Monday through Friday, unless approved, in writing, by the PM. A copy of the approved request shall be kept on-site when performing work during these hours.
- 14.3.2 Work is prohibited on all County recognized holidays unless prior approval is approved, in writing, by the PM.
- 14.4 Work hour restrictions of designated school walk routes and school speed zones are listed in the Specifications and Requirements. Work is prohibited on all County recognized holidays unless written prior approval is granted PM.
- 14.5 Weekday night work and weekend work may be permissible if the CONTRACTOR's request is provided, in writing, to PM no less than four calendar days prior to the requested work days, and the CONTRACTOR is willing to comply with the special provisions imposed by the County to perform the nighttime or weekend work. These special provisions may include, but are not limited to, the CONTRACTOR commitment to pay the associated Engineering Division charged overtime expenses as stated in the BCHCED permit application.

#### 14.6 Pedestrian Considerations

- 14.6.1 At least one safe Accessible Route must be provided when any construction adversely impacts existing pedestrian facilities. The CONTRACTOR shall be responsible for implementing safe ADA accessible routes through construction zones and work areas under the Maintenance of Traffic Plan.
- 14.6.2 The CONTRACTOR must utilize whatever means necessary to continually maintain safe walk routes, crosswalk areas and transit stop areas.

14.6.3 The CONTRACTOR may be required to utilize temporary asphalt or concrete, barricades, water barriers, construction fencing, and other WZTC elements as necessary to comply with this requirement. The County will not accept any impact to pedestrian areas without first implementing alternative safe pedestrian routes. The alternative route must be available at the time the original route is impacted or closed to pedestrian traffic.

14.6.4 If the CONTRACTOR has any questions with regard to compliance of this requirement, the CONTRACTOR shall contact the PM for assistance.

#### 14.7 School Pedestrian and School Zone Considerations

14.7.1 In addition to the above pedestrian requirements, School Pedestrian and School Speed Zone WZTC requirements are critically essential to the safety of school children and the motoring public. The CONTRACTOR must strictly adhere to all requirements outlined in the BCTED Maintenance of Traffic School/Pedestrian requirements. In general, construction work that directly impacts school walk routes or is in the immediate proximity to school walk routes, signalized school crosswalks or other areas of school pedestrian activity must be temporarily suspended during the 30 to 60 minutes prior to start of school in the morning, and the 30 minutes following the end of school in the afternoon, or as otherwise stipulated by the PM.

14.7.2 Similarly, lane closures during these time periods within the limits of reduced school speed zones (even temporary lane closures of 15 minutes or less), are also strictly prohibited unless an alternate plan has been pre-approved in writing by the PM.

14.7.3 These requirements are generalized, and are subject to modification or further restriction based on the specific requirements of each school area.

14.7.4 Failure to suspend work during these time frames in designated school areas shall result in the immediate shut down of work for the remainder of the day.

14.7.5 Also, since certain notifications must be provided to the Broward County School District prior to start of construction, it is imperative that the CONTRACTOR provide to the PM a construction schedule, with the required information requested in the previous requirements, including anticipated start date, at least 30 business days in advance of actual start of construction for work within designated school zones.

14.7.6 The MOT/WZTC set-up associated with school areas shall be the responsibility of the CONTRACTOR, and shall be inherently paid as part of the Maintenance of Traffic Pay Items associated with this contract.

#### 14.8 Obstructions, Debris, Open Holes and Other Hazards

14.8.1 It shall be the CONTRACTOR'S responsibility to continuously ensure that all travel lanes, walk routes and other areas of public use within work zones are free of obstructions, debris, rubbish, litter, open holes, and other hazards.

- 14.8.2 All holes, partially completed pull box installations, etc., must be back-filled with temporary fill at the close of work operations each day.
- 14.8.3 All debris, rubbish, and litter shall be removed from the job site at the close of work operations each day.
- 14.8.4 All MOT/WZTC construction zone signs must be safely installed and provide minimum setbacks and clearances from travel lanes and walk routes in accordance with FDOT and MUTCD standards.
- 14.8.5 All walk routes and pedestrian areas must be maintained in a safe condition, clear of debris and hazards.

#### 14.9 Warning Lights on Construction Vehicles

- 14.9.1 All CONTRACTOR and subcontractor vehicles being utilized at the job site shall be equipped with at least one amber or white flashing light, rotating beacon, strobe or LED assembly that is fully visible 360 degrees in all directions around the vehicle.
- 14.9.2 For vehicles in which the attached equipment may fully or partially obstruct the single warning light in any direction, two or more amber and/or white warning lights shall be required to ensure at least one warning light is visible from all directions around the vehicle.
- 14.9.3 All warning lights shall be Class 2 amber or white warning lights that meet the Society of Automotive Engineers Recommended Practice SAE J845, latest edition.
- 14.9.4 The operation of such warning lights shall be in accordance with Sections 316.235, 316.2397 and 316.240, Florida Statutes, as amended.

#### 14.10 High-Visibility Safety Apparel

All CONTRACTOR and subcontractor personnel working at designated job sites must wear high-visibility safety apparel meeting the minimum standards outlined in FDOT Design Standard Index 600 "High Visibility Safety Apparel" for the conditions required. The specific construction activities being performed by the CONTRACTOR may require additional safety apparel required by industry standards and/or OSHA requirements.

#### 14.11 MOT Inspections

- 14.11.1 The County reserves the right to inspect all MOT setups. Failure of the CONTRACTOR to set up proper MOT shall result in the issuance of a "Notice of Violation". MOT violations shall be assessed and charged as re-inspection fees.
- 14.11.2 Upon issuance of an MOT "Notice of Violation" is issued, all work shall immediately be suspended until the MOT Violation is corrected and the MOT is approved by the PM.



**14.12 Liquidated Damages for unauthorized peak-hour lane closures, pedestrian access route closures and traffic signal maintenance and operation –**

All contracts with County for construction in public right-of-way shall contain provisions for the assessment of liquidated damages for unauthorized peak-hour lane closures, pedestrian access route closures without authorization, and traffic signal maintenance and operation not in conformity with the Minimum Standards or, where applicable, the elevated requirements contained in the contract documents. For all such contracts, the Director of the Highway Construction and Engineering Division ("Director") is authorized to establish the amounts to be assessed as liquidated damages in accordance with Special Instructions to Vendors, Section J Liquidated damage.

**15. IDENTIFICATION OF PRE-EXISTING DAMAGES OR DEFICIENCIES WITHIN PROJECT WORK AREAS**

**15.1 CONTRACTOR'S Responsibilities**

- 15.1.1 It shall be the responsibility of the CONTRACTOR to undertake a field review of existing site conditions in order to document any pre-existing conditions or deficiencies which could otherwise be later attributed to the CONTRACTOR's work if not initially reported as "pre-existing".
- 15.1.2 It is highly recommended that the CONTRACTOR take photographs or video logs of the site immediately prior to commencement of construction. The CONTRACTOR should document any damages or deficiencies related to project work areas, and any other area that adjacent to or could be considered incidental to any construction in the area. This documentation should be provided to the PM prior to commencement of the work.
- 15.1.3 The CONTRACTOR should identify and document such items as damaged sidewalk areas, curbing, pull boxes, utility poles, traffic control signs, landscaping, irrigation and the equipment of other utilities.
- 15.1.4 The CONTRACTOR is also advised to pay particular attention to and photo-document the original pre-existing condition of paver driveways, ornamental trees or shrubs, flower beds, fencing, monument signs, decorative street lighting and other items that may be maintained by adjacent homeowners associations or commercial interests as claims are often made for incidental damages to these items.
- 15.1.5 Once the CONTRACTOR commences construction, it shall be presumed by the County that any damages or deficiencies identified in the work area during later County inspections, or identified by other utilities or agencies in the course of their normal maintenance activities, are attributable to the CONTRACTOR, and the CONTRACTOR shall be held responsible for the repair(s).
- 15.1.6 The CONTRACTOR shall be responsible for the job site described in the PO/NTP from the start of construction through the date of final acceptance.

**15.2 County's Responsibilities**

15.2.1 The PM will respond to any reasonable and timely requests from the CONTRACTOR to investigate or confirm any identified pre-existing conditions or deficiencies at the job site.

15.2.2 The Contract Administrator will make a determination and confirmation of any pre-existing conditions and/or other damages and what specific remedy, if any, would be prescribed.

## **16. 90 DAY BURN-IN PERIOD**

- 16.1 The 90 Day Burn-In Period (Burn-In Period) shall be applicable to projects which involve constructing, installing, mounting, and integrating traffic signal subsystems, traffic signal equipment, video detection equipment, school flasher equipment, and/or ancillary components made operational and tested as part of the PO.
- 16.2 The CONTRACTOR shall include the Burn-In Period in its schedule provided to the County with the PO.
- 16.3 The Burn-In Period cost shall be included in the price of the individual pay items.
- 16.4 When the CONTRACTOR considers that the work for a PO applicable to the 90 Day Burn-In period as determined has reached Substantial Completion, the CONTRACTOR shall notify the PM and BCTED, in writing. When the PM, on the basis of such an inspection, determines that the Work at the intersection or designated portion thereof is substantially complete, the CONTRACTOR will prepare a Certificate of Substantial Completion for the County's approval. The Certificate of Substantial Completion shall state the responsibilities of County and CONTRACTOR for security, maintenance, utilities, damage to the Work, and insurance. The PM shall develop a list of items remaining which need to be completed after substantial completion, and the CONTRACTOR shall review this (Punch List) to satisfy the requirements of the Contract for Final Completion and to make the Work satisfactory and acceptable, subject to successful completion of the Burn-in Period. The Punch List shall be provided to the CONTRACTOR within five (5) business days after final development and review. If the final Punch List is not provided within the stated timeframe, the Contract Time for completion shall be extended by the number of days exceeding the five (5) business days. The failure to include on the Punch List any items of corrective Work does not alter the responsibility of the CONTRACTOR to complete all of the Work in accordance with the Contract.
- 16.5 The Burn-in Period shall commence upon completion or correction of the items listed on the Punch List, as determined by the PM. Successful completion of the Burn-in Period is a condition precedent to Final Completion.
- 16.6 Upon County's written notice of successful completion of Punch List, a 90 consecutive calendar-day Burn-In Period test shall commence for all traffic signal subsystems, traffic signal equipment, and ancillary components designed, procured, constructed, installed, mounted, integrated, made operational and tested as part of the construction project.
- 16.7 During the Burn-In Period, the CONTRACTOR shall retain maintenance responsibility for the project.

- 16.8 The CONTRACTOR shall be responsible to repair or replace any defective portion of the system that occurs within this test period. Any corrective action proposed by the CONTRACTOR for a failure during the Burn-In period shall be submitted to the County for approval prior to the CONTRACTOR's commencement of said corrective action. Under emergency situations, the CONTRACTOR shall immediately contact BCTED to obtain approval of proposed corrective action. The corrective action for a failure shall be fully documented as part of the CONTRACTOR's Burn-In documentation process. After corrective action has been taken, the CONTRACTOR shall submit to the County the required documentation to prove that all units have been successfully reconfigured or updated.
- 16.9 The CONTRACTOR shall provide contact information for technical personnel that shall be available on-site within 24 hours of notification of the need for services during the Burn-In period.
- 16.10 The CONTRACTOR shall repair or replace any subsystem, traffic signal device or ancillary component that fails to function properly due to defective materials, quality and/or natural causes.
- 16.11 In the event of a subsystem, traffic signal device or ancillary component failure, with the exception of consumable items, the specific intersection may be put into "Flash Mode" for purposes of testing and correcting identified deficiencies, if necessary.
- 16.12 Each time an identified deficiency has been corrected and meets all applicable tests as per the minimum technical requirements, the Burn-In Period test shall be restarted at the current day-count of the 90 consecutive calendar day Burn-in period.
- 16.13 If the total number of deficiency occurrences exceeds three due to the same traffic signal subsystems, traffic signal equipment, and ancillary components, the CONTRACTOR shall:
- 16.13.1 Remove and replace the traffic signal subsystems, traffic signal equipment, and ancillary components with a new and unused unit;
  - 16.13.2 Perform all applicable Stand-alone, Subsystem, and Operational Tests, as deemed necessary by the County; and
  - 16.13.3 Upon written approval from the County, restart the Burn-In Period.
- 16.14 The Burn-In Period test steps described herein shall be repeated as many times as deemed necessary by the County to satisfy the requirements.
- 16.15 The CONTRACTOR shall not be granted time extensions to perform the Burn-In Period test due to any failures as described herein. The CONTRACTOR shall correct any and all failures during the Burn-In Period test at no additional cost to the County.
- 16.16 Upon successful completion of the Burn-In Period, the County will issue a Letter of Final Acceptance of Operational Maintenance and the warranty shall commence. The CONTRACTOR may invoice for Retainage upon receipt of Letter of Final Acceptance.

## 17. RESTORATION OF WORK AREAS

- 17.1 The CONTRACTOR shall be responsible for restoring all project work areas to their original, pre-existing condition, including compaction to standard densities. This includes, but is not limited to, restoration of grass areas, swales, landscaping, curbing,

sidewalks, concrete and pavement areas, signs, and utilities which were impacted or damaged incidentally to the work being performed.

- 17.2 Surface penetrations related to directional boring activities shall be restored with fill and the existing surface material, such as sod, concrete, etc.
- 17.3 All subsurface debris such as litter, dirt, rubbish, rocks and gravel shall be properly removed from the job site, including excess concrete or hardened patches of concrete slurries or asphalt shall be removed from all areas including but not limited to, asphalt, concrete, pavers, grass, sod and landscaped areas. Grass and/or landscaped areas damaged from such activities shall be restored with matching sod and/or landscaped material.
- 17.4 The cost of restoring such items shall be borne solely by the CONTRACTOR, and shall be inherently included in the pay item cost(s) associated with the work elements of the PO. The CONTRACTOR shall have no basis for additional compensation for restoration that is incidental to such construction. The CONTRACTOR shall only be eligible for compensation related to restoration if the demolition and associated restoration was specifically identified as part of the work requirements, and the PO included such pay items specifically for those activities. For example, a concrete flag of sidewalk to be reconstructed by the CONTRACTOR per the project plan would be compensated for by the appropriate pay item and quantity in the PO; however incidental damage such as a section of concrete sidewalk that had to be removed in order to initiate directional bore operation or accidentally cracked by the weight of any of the CONTRACTOR's equipment shall be restored by the CONTRACTOR with no additional compensation.
- 17.5 In the event that the CONTRACTOR, in the due course of construction, identifies a legitimate requirement for additional demolition and restoration that was not originally identified in the PO, the CONTRACTOR shall notify the PM of the conditions and request that the demolition and restoration be added to the original PO. Demolition and restoration of new items without prior written authorization and notification shall not be compensated.

## **18. PROCEDURES IN THE EVENT OF ON-SITE EMERGENCIES OR INCIDENTS**

### **18.1 CONTRACTOR's Responsibilities**

The CONTRACTOR assumes total responsibility over the work zone while the project is under construction. In the event of an on-site emergency requiring immediate medical and/or law-enforcement assistance, the CONTRACTOR'S crew at the job site shall implement any emergency procedures deemed appropriate by the CONTRACTOR. After local authorities, such as emergency services and/or law enforcement authorities, have arrived on the scene and have sufficiently stabilized the incident scene, the CONTRACTOR shall prepare an incident report and notify the PM of the incident within two (2) hours of the incident.

### **18.2 Incident Investigation and Automatic Suspension of Work**

- 18.2.1 At the option and sole discretion of the County, the County may implement an emergency temporary suspension of all CONTRACTOR's work for an automatic period of up to five (5) business days following any emergency

incident until the incident has been investigated to the satisfaction of the County.

18.2.2 If the preliminary investigation by the County determine that the construction practices of the CONTRACTOR may have adversely contributed to the events surrounding the incident, the County may choose to automatically suspend the CONTRACTOR'S work for another automatic period of up to ten (10) business days at the incident location in order to conduct a more comprehensive investigation. Prior to the end of the ten (10) business day suspension period, the County will either allow the CONTRACTOR to return to work if the County has determined that the incident did not appear to be the result of CONTRACTOR's negligence, and the CONTRACTOR has provided adequate evidence of maintaining safe construction practices, or the County will notify the CONTRACTOR, in writing, that the CONTRACTOR is being formally suspended from doing any further work until a formal disposition on the incident is reached.

18.2.3 The CONTRACTOR shall have no recourse or claims to damages against the County as a result of automatic suspensions following any emergency incident within the CONTRACTOR's work zone.

## **19. FEDERAL, STATE OR LOCALLY DECLARED EMERGENCIES WITHIN BROWARD COUNTY**

### **19.1 Declared Emergency**

19.1.1 For the purposes of this contract, a "Declared Emergency" shall be defined as a declared state of emergency issued by the appropriate Federal, State or Local official that has resulted from, and/or is in anticipation of, a possible widespread catastrophic disaster caused by either natural, biological, man-made, or terrorist events.

19.1.2 For a Declared Emergency to have an effect on this Contract, the Declared Emergency must be declared specifically for Broward County by the President of the United States, Governor of the State of Florida, or Mayor of Broward County. Emergencies declared for other neighboring counties (which do not include Broward County as part of the declaration) shall have no effect on the terms of this Contract. Emergencies declared for portions of South Florida that encompass Broward County will be considered a Declared Emergency for Broward County.

### **19.2 Hurricane Procedures**

19.2.1 The CONTRACTOR owns and maintains all equipment and materials during project construction until the project has received a final passing inspection and the county has issued a Letter of Acceptance (which is received after passing final inspection).

19.2.2 If a hurricane or other severe weather event threatens the Broward County metropolitan area, it shall be the CONTRACTOR's responsibility to enact whatever measures necessary to prevent damage and loss to any projects in progress as part of this contract.

19.2.3 The County shall not be responsible for damage of any installed equipment or materials at the CONTRACTOR's job site(s) should a severe weather event occur prior to final acceptance by the County.

19.2.4 The CONTRACTOR is also responsible for preventing wind-borne construction debris (i.e. picking up all debris at the job site prior to a severe weather event).

19.2.5 The County shall also not be responsible for loss of labor hours or other incidental losses resulting from a storm event.

### 19.3 Time Extensions after an Emergency is Declared

19.3.1 It is recognized that following a severe storm event or other declared emergency, the CONTRACTOR may be requested to participate in emergency restoration contracts by other Federal, State and/or Local Authorities. In order to avoid potential Contract disputes which can often arise in such circumstances, this Contract shall contain the following provisions for a temporary release of work, and automatic time extension for NTP1 and NTP2 issued under this Contract and in progress at the time of the Declared Emergency. The following time extensions shall be automatically granted for the following officially Declared Emergencies covering Broward County:

19.3.1.1	Hurricane Category 1:	7 Calendar Days
19.3.1.2	Hurricane Category 2:	14 Calendar Days
19.3.1.3	Hurricane Category 3:	21 Calendar Days
19.3.1.4	Hurricane Category 4:	28 Calendar Days
19.3.1.5	Hurricane Category 5:	35 Calendar Days
19.3.1.6	Other County Declared Emergency:	3 Calendar Days
19.3.1.7	Other State Declared Emergency:	5 Calendar Days
19.3.1.8	Other Federally Declared Emergency:	10 Calendar Days

19.3.2 The above automatic time extensions are not intended to limit or prohibit the CONTRACTOR's ability to continue work on this Contract, but rather to provide a reasonable automatic deferment period during a time at which communications and decision-making related to the Contract may be significantly hindered due to the emergency.

19.3.3 The CONTRACTOR is expected to return to work and re-commence the project time schedules at the termination of the above extension periods. If conditions warrant, the County may consider extending the automatic time extensions if sufficient justification is provided by the CONTRACTOR, in writing, to the PM. The final determination on any further extensions shall rest solely with the Contract Administrator, and such determination shall be final.

## 20. PASS-THRU ALLOWANCES

20.1 The cost of items not covered in the Specifications and Requirements may be considered a pass-thru allowance. Payment is not guaranteed and is only paid based on actual costs incurred by the CONTRACTOR for the identified allowance. Pass-thru allowances are limited to the following:

- 20.1.1 Non-County Agency permits and fees required by governmental agencies other than the Broward County Board of County Commissioners. Excluded are licenses, permit expediting services, re-inspection fees, "runner's fees" and expired permit fees. Submitting and securing permits is the responsibility of the CONTRACTOR.
- 20.1.2 Miscellaneous parts, materials and rental of heavy equipment not supplied by the County and not included in the pay items or line items included in the Contract. All warranties shall be provided to the County. If the CONTRACTOR or its subcontractor owns the equipment, the equipment pricing shall be fair and a price no higher than the CONTRACTOR or its subcontractor charges its most favored customer. Pricing includes transportation to and from the job site, and rental equipment insurance. The County will not pay for equipment remaining overnight at the job site unless required of the work and authorized, in writing, by the Contract Administrator or designee, and the County will not pay for any type of reimbursement on equipment insurance.
- 20.2 No markup or additional fees, such as overhead and profit, are allowed on the payment of allowance items.
- 20.3 The Contract Administrator or PM must authorize use of any allowances prior to CONTRACTOR incurring costs related to an allowance amount.
- 20.4 The County reserves the right to request verification for costs of any allowance items. Submitted prices shall be fair, reasonable, meet industry standards, and shall be subject to audit.
- 20.5 A copy of the CONTRACTOR's invoice(s) or receipt(s) shall be submitted with the CONTRACTOR's payment request. Payment will be made by the County after commodities and/or services have been received, accepted and properly invoiced.

## **21. PAYMENTS AND RETAINAGE**

- 21.1 Only final payments will be made for each project except when duration of the project shall exceed thirty (30) days from commencement of work, and upon request of the CONTRACTOR.
- 21.2 Applications for payment shall be submitted to BCHCED, 1 N. University Dr., Suite B300, Plantation, FL 33324-2038, unless the project/purchase order is issued by an agency other than BCHCED.
- 21.3 Final payment and release of retainage will be paid in full upon completion of all requirements.
- 21.4 With every Application for Payment, the CONTRACTOR shall submit to the County, a list of pay items for the various portions of the Work, aggregating the total project sum. Each item in the schedule, when approved by the County, shall be used only as a basis for the CONTRACTOR'S Application for Payment.

21.5 Partial payments shall only be made upon approval of the CONTRACTOR'S Application for Payment showing work performed and completed, tested, inspected and approved by the County, and shall be in accordance with the following:

21.5.1 Payment will be made no more than once per month. At each partial progress payment, ten percent (10%) of all monies earned by the CONTRACTOR shall be retained by the County until the project is totally completed as specified and accepted.

21.5.2 Partial payments shall not be made for any incomplete pay item (line item) associated with any PO's or NTP's issued under this Contract. All components of any pay item, including all required quantities, must be installed, and have passed pay item inspection before approval for any payment to be made on the work order.

21.5.3 No partial payments shall be made for furnish only items which have been partially delivered by the CONTRACTOR.

21.5.4 The release of retainage shall not become due until all Work under the project is (100%) complete, including:

21.5.4.1 Repair and/or replacement of faulty or defective Work.

21.5.4.2 As-built drawings and Record Drawings are submitted to and accepted by the County.

21.5.4.3 All code requirements, inspections, testing and certificates of approval are conformed with, submitted, and accepted by the County.

21.5.4.4 The County is satisfied all payrolls, bills for materials and Equipment and other indebtedness connected with the work for which the County might in any way be responsible have been paid or otherwise satisfied to the extent and in such form as may be designated by the County.

21.5.4.5 Warranties are submitted to and accepted by County.

21.5.4.6 Final list of subcontractors, sub-consultants and suppliers must be signed and notarized by CONTRACTOR. A list of all non-certified sub-vendors used must be attached to this certified document.

21.5.4.7 Letter of Acceptance by the requesting agency's Contract Administrator.

Completion of the 90 Day Burn-In Period, if applicable.

21.5.4.8 Any additional documentation or information as described in these Specifications and Requirements.



## **22. RESOLUTION OF DISPUTES**

- 22.1 To prevent all disputes and litigation, it is agreed by the parties hereto that Consultant shall decide all questions, claims, difficulties and disputes of whatever nature which may arise relative to the technical interpretation of the Contract or Project Documents and fulfillment of this Project as to the character, quality, amount and value of any work done and materials furnished, or proposed to be done or furnished under or, by reason of, the Contract or Project Documents and Consultant's decisions of all claims, questions, difficulties and disputes shall be final and binding to the extent provided in this Contract. Any claim, question, difficulty or dispute which cannot be resolved by mutual agreement of the Contract Administrator and CONTRACTOR shall be submitted to Consultant in writing within five (5) calendar days from the date of impasse. Unless a different period of time is set forth herein, Consultant shall notify the Contract Administrator and CONTRACTOR in writing of Consultant's decision within fourteen (14) calendar days from the date of the receipt of the claim, question, difficulty or dispute, unless Consultant requires additional time to gather information or allow the parties to provide additional information.
- 22.2 For disputes on projects that do not have a Consultant or are non-technical and administrative in nature, except for disputes directly related to the promptness of payment as set forth in this Contract, all non-technical administrative disputes shall be determined by the Contract Administrator pursuant to the time periods provided herein.
- 22.3 During the pendency of any dispute and after a determination thereof, CONTRACTOR, Consultant and Contract Administrator shall act in good faith to mitigate any potential damages including utilization of construction schedule changes and alternate means of construction.
- 22.4 In the event the determination of a dispute under this Section is unacceptable to either party hereto, the party objecting to the determination must notify the other party in writing within ten (10) calendar days of receipt of the written determination. The notice must state the basis of the objection and must be accompanied by a statement that any Contract Time or Contract Price adjustment claimed is the entire adjustment to which the objecting party has reason to believe it is entitled to as a result of the determination. Within sixty (60) calendar days after Final Completion of the Work, the parties shall participate in mediation to address all objections to any determinations hereunder and to attempt to prevent litigation. Neither party shall commence litigation prior to the expiration of the sixty (60) day mediation period. The mediator shall be mutually agreed upon by the parties. Should any objection not be resolved in mediation, the parties retain all their legal rights and remedies provided under State law. A party specifically waives all of its rights, including, but not limited to, claims for contract time and contract price adjustments provided in the contract documents, including its rights and remedies under state law, if said party fails to comply in strict accordance with the requirements of this section.

## **23. LEGAL RESTRICTIONS AND TRAFFIC PROVISIONS**

CONTRACTOR shall conform to and obey all applicable laws, regulations, or ordinances with regard to labor employed, hours of work and CONTRACTOR's general operations. CONTRACTOR shall conduct its operations so as not to close any thoroughfare, nor interfere in any way with traffic on railway, highways, or water, without the written consent of the proper authorities. Required approved maintenance of traffic (MOT) will be paid for each project using the appropriate pay items.

**24. APPLICABLE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION**

Refer to the following pages for a listing of Division I Standard Sections that are applicable to this contract.

FDOT Standard Specifications for Road and Bridge Construction, January 2018	Section is Applicable	Deviations from the FDOT Standard Specifications
2-1 Prequalification of Bidders.	No	
2-2 Proposals.	No	
2-3 Interpretation of Estimated Quantities.	No	
2-4 Examination of Plans, Specifications, Special Provisions and Site of Work.	No	
2-5 Preparation of Proposals.	No	
2-6 Rejection of Irregular Proposals.	No	
2-7 Guaranty to Accompany Proposals.	No	
2-8 Delivery of Proposals.	No	
2-9 Withdrawal or Revision of Proposals.	No	
2-10 Opening of Proposals.	No	
2-11 Disqualification of Bidders.	No	
2-12 Material, Samples and Statement.	Yes	
3-1 Consideration of Bids.	No	
3-2 Award of Contract.	No	
3-3 Cancellation of Award.	No	
3-4 Release of Proposal Guaranty.	No	
3-5 Contract Bond Required.	No	
3-6 Execution of Contract and Contract Bond.	No	
3-7 Failure by Contractor to Execute Contract and Furnish Bond.	No	
3-8 Audit of Contractor's Records.	No	
3-9 Public Records.	No	
4-1 Intent of Contract.	Yes	
4-2 Work not covered by Standard Specifications.	No	
4-3 Alteration of Plans or of Character of Work.	No	
4-4 Unforeseeable Work.	No	
4-5 Rights in and Use of Materials Found on the Site of the Work.	Yes	
4-6 Final Cleaning Up of Right-of-Way.	Yes	
5-1 Plans and Working Drawings.		
5-1.1 Contract Documents	No	
5-1.2 Department's Plans	Yes	
5-1.3 Alterations in Plans	Yes	
5-1.4 Shop Drawings		

5-1.4.1. Definitions:	Yes	
5-1.4.2 Work Items Requiring Shop Drawings:	Yes	
5-1.4.3 Schedule of Submittals:	Yes	Excludes the following language: "Submit the schedule of submittals to the Department's Shop Drawing Review Office and the Engineer of Record within 60 days of the start of the Contract, and prior to the submission of any shop drawings."
5-1.4.4 Style, Numbering, and Material of Submittals.	Yes	
5-1.4.5 Submittal Paths:	Yes	
5-1.4.5.1 General: (1)	No	
5-1.4.5.1 General: (2)	No	
5-1.4.5.2 Building Structures:	Yes	
5-1.4.5.3 Contractor-Originated Design:	Yes	
5-1.4.5.4 Temporary Works:	Yes	
5-1.4.5.5 Falsework Founded on Shallow Foundations:	Yes	
5-1.4.5.6 Formwork and Scaffolding:	Yes	
5-1.4.5.7 Beam and Girder Temporary Bracing:	Yes	
5-1.4.5.8 Erection Plan:	Yes	
5-1.4.5.9 Other Miscellaneous Design and Structural Details Furnished by the Contractor in Compliance with the Contract:	Yes	
5-1.4.6 Processing of Shop Drawings:	Yes	Excludes the submittal review timeframes. Submittal review timeframes shall be as stated in the Contract Documents.
5-1.4.7 Other Requirements for Shop Drawings for Bridges:	Yes	Excludes the submittal review timeframes. Submittal review timeframes shall be as stated in the Contract Documents.
5-1.4.8 Modifications for Construction:	Yes	
5-1.4.9 Cost of Shop Drawings:	Yes	
5-1.5 Certifications	Yes	
5-1.6 Corrections for Construction Errors	Yes	
5-2 Coordination of Contract Documents.	No	
5-3 Conformity of Work with Contract Documents.	Yes	
5-4 Errors or Omissions in Contract Documents.	Yes	
5-5 Authority of the Engineer.	Yes	References to the Director, Office of Construction are replaced with County's Contract Administrator

5-6 Authority and Duties of Engineer's Assistants.	Yes	References to the Director, Office of Construction are replaced with County's Contract Administrator
5-7 Engineering and Layout.	Yes	
5-8 Contractor's Supervision.	Yes	
5-9 General Inspection Requirements.	Yes	
5-10 Final Inspection.	No	
5-11 Final Acceptance.	No	
5-12 Claims by Contractor.	No	
5-13 Recovery Rights, Subsequent to Final Payment.	No	
6-1 Acceptance Criteria.	Yes	
6-2 Applicable Documented Authorities Other Than Specifications.	Yes	
6-3 Storage of Materials and Samples.	Yes	
6-4 Defective Materials.	Yes	Except for submittal review periods timeframes
6-5 Products and Source of Supply.	No	
7-1 Laws to be Observed.		
7-1.1 General	Yes	
7-1.2 Plant Quarantine Regulations	Yes	
7-1.3 Introduction or Release of Prohibited Aquatic Plants, Plant Pests, or Noxious Weeds	Yes	
7-1.4 Compliance with Federal Endangered Species Act and other Wildlife Regulations	Yes	
7-1.5 Occupational Safety and Health Requirements	Yes	
7-1.6 Discovery of an Unmarked Human Burial	Yes	
7-1.7 Insecticides, Herbicides and Fertilizers	Yes	
7-1.8 Compliance with Section 4(f) of the USDOT Act	No	
7-1.9 Florida Minority Business Loan Mobilization Program	No	
7-2 Permits and Licenses		
7-2.1 General	No	
7-2.2 Work or Structures in Navigable Waters of the U.S., Waters of the U.S., and Waters of the State:	Yes	
7-2.3 As-Built Drawings and Certified Surveys	Yes	
7-3 Patented Devices, Materials and Processes	Yes	
7-4 Right-of-Way Furnished by the Department.	Yes	
7-5 Restoration of Surfaces Opened by Permit	Yes	Excludes the following language: "or in accordance with 4-4 when Contract items are not applicable."
7-6 Sanitary Provisions	Yes	
7-7 Control of the Contractor's Equipment	Yes	

7-8 Structures over Navigable Waters	Yes	
7-9 Use of Explosives	Yes	
7-10 Forest Protection	Yes	
7-11 Preservation of Existing Property	Yes	Excludes the submittal review periods timeframes and the following language: "or provide access and coordinate with the Department's maintenance Contractor in accordance with 8-4.4 as directed by the Engineer. The Department will compensate the Contractor for the costs associated with the repairs for restoring the existing property in accordance with 4-4. Theft and vandalism are considered damage caused by a third party."
7-12 Responsibility for Damages, Claims, etc.	No	
7-13 Insurance.	No	
7-14 Contractor's Responsibility for Work.	No	
7-15 Opening Sections of Highway to Traffic.	Yes	
7-16 Wage Rates for Federal-Aid Projects.	No	
7-17 Supplemental Agreements.	No	
7-18 Scales for Weighing Materials.	Yes	
7-19 Source of Forest Products.	Yes	
7-20 Regulations of Air Pollution from Asphalt Plants.	Yes	
7-21 Dredging and Filling.	Yes	
7-22 Available Funds.	No	
7-23 Contractor's Motor Vehicle Registration.	No	
7-24 Disadvantaged Business Enterprise Program.	No	
7-25 On-The-Job Training Requirements.	No	
7-26 Cargo Preference Act – Use of United States – Flag Vessels.	No	
8-1 Subletting or Assigning of Contracts.	No	
8-2 Work Performed by Equipment-Rental Agreement.	No	
8-3 Prosecution of Work.		
8-3.1 Compliance with Time Requirements:	No	
8-3.2 Submission of Working Schedule:	No	
8-3.3 Beginning Work:	No	
8-3.4 Provisions for Convenience of Public:	Yes	
8-3.5 Preconstruction Conference:	No	
8-4 Limitations of Operations.	Yes	
8-5 Qualifications of Contractor's Personnel.	No	
8-6 Temporary Suspension of Contractor's Operations.	No	
8-7 Computation of Contract Time.		
8-7.1 General:	No	
8-7.2 Date of Beginning of Contract Time:	No	

8-7.3 Adjusting Contract Time:	No	
8-8 Failure of Contractor to Maintain Satisfactory Progress.	No	
8-9 Default and Termination of Contract.	No	
8-10 Liquidated Damages for Failure to Complete the Work.	No	
8-11 Release of Contractor's Responsibility.	No	
8-12 Recovery of Damages Suffered by Third Parties.	No	
9-1 Measurement of Quantities.	Yes	Excludes the following language: "subject to the provisions of 9-3.2."
9-2 Scope of Payments.		
9-2.1 Items Included in Payment:	Yes	
9-2.1.1 Fuels:	No	
9-2.1.2 Bituminous Material:	No	
9-2.2 Non-Duplication of Payment:	Yes	
9-3 Compensation for Altered Quantities.	No	
9-4 Deleted Work.	Yes	Any deleted work will be based on the awarded unit prices.
9-5 Partial Payments.	No	
9-6 Record of Construction Materials.	Yes	The time period for maintaining records shall be in accordance with this Section or Section 30 of the Contract's General Conditions, whichever is a longer time period
9-7 Disputed Amounts Due the Contractor.	No	
9-8 Acceptance and Final Payment.	No	
9-9 Interest Due on Delayed Payments.	No	
9-10 Offsetting Payments.	No	

### SAMPLE CERTIFICATE OF SUBSTANTIAL COMPLETION

Date of Issuance: \_\_\_\_\_ Notice to Proceed Date: \_\_\_\_\_

Contractor: \_\_\_\_\_

Consultant: \_\_\_\_\_

Contract No.: \_\_\_\_\_ PO No.: \_\_\_\_\_

Project (Name and Address): \_\_\_\_\_

Project or Designated Portion Shall Include:

\_\_\_\_\_  
\_\_\_\_\_

The Work performed under this Contract has been reviewed and found to be substantially complete and all documents required to be submitted by CONTRACTOR under the Contract have been received and accepted. The Date of Substantial Completion of the Project, or portion thereof designated above, is recommended as:

### DEFINITION OF DATE OF SUBSTANTIAL COMPLETION

**Substantial Completion:** That date, as certified in writing by the Contract Administrator in its sole discretion, the Work, or a portion thereof, is at a level of completion in substantial compliance with the Contract such that all conditions of permits and regulatory agencies have been satisfied and the Owner or its designee can enjoy use or occupancy and can use or operate it in all respects for its intended purpose. A Certificate of Occupancy (or a Temporary Certificate of Occupancy (TCO) or other alternate municipal/county authorization for limited or conditional occupancy acceptable to the Contract Administrator) must be issued for Substantial Completion to be achieved, however, the issuance of a Certificate of Occupancy or the date thereof are not to be determinative of the achievement or date of Substantial Completion.

(Continued)

**SAMPLE CERTIFICATE OF SUBSTANTIAL COMPLETION**  
(continued)

A list of items to be completed or corrected, prepared and approved by County, is attached hereto. The failure to include any items on such list does not alter the responsibility of CONTRACTOR to complete all work in accordance with the Contract.

CONTRACTOR will complete or correct the work on the list of items attached hereto within \_\_\_\_\_ calendar days from the above Date of Substantial Completion.

The County, through the Contract Administrator, has determined the Work or portion thereof designated by County is substantially complete and will assume full possession thereof at

\_\_\_\_\_ on \_\_\_\_\_, 2\_\_\_\_\_.  
(Time) (Date)

BROWARD COUNTY BOARD  
OF COUNTY COMMISSIONERS (By Contract Administrator) \_\_\_\_\_

\_\_\_\_\_, 2\_\_\_\_\_  
(Date)

The responsibilities of County and CONTRACTOR for security, maintenance, heat, utilities, damage to the work and insurance shall be as follows (see attachment provided by CONTRACTOR):



## **IRRIGATION SECTION 02810**

### **GENERAL**

#### **1. SCOPE OF WORK**

- A. Refer to **Section 1- Scope of Work of the Specifications and Requirements Roadway, Drainage, Traffic & Miscellaneous Construction.**
- B. All irrigation construction is prioritized first by public safety, and then by hydraulic concerns, this sequencing is mandatory.
- C. It is the responsibility of the irrigation contractor to ensure the entire system is functional and any new or impacted existing systems or zones are installed according to all applicable laws, rules, regulations, and conventions.
- D. Where existing irrigation exists adjacent to the proposed improvements, the WORK includes removal and capping, head and line, wire relocation, as needed, installation, and testing (may include pressure testing if a new mainline or relocated mainline is necessary). The CONTRACTOR could opt to remove and then install all new material or relocate existing irrigation components. The result is a 'restored' fully functional landscape irrigation system. The system to meet all applicable laws, regulations, codes and ordinances.
- E. Notification and Coordination with these entities will be necessary. The work shall not interfere with the operation of the existing systems; systems must be able to operate and supply water to other zones of the irrigation system.
- F. The scope of work is defined and outlined on the plans (future projects / PO's / WO's).

#### **2. GOVERNING STANDARDS AND REFERENCES**

All work, equipment and materials furnished and/or installed as part of this Contract shall be in conformance with the standards and specifications listed below.

- A. Chapter 25 of the Broward County Administrative Code, and Chapter 39, Sec. 75 through 95 of the Broward County Code of Ordinances.
- B. Florida Building Code – Appendix F.
- C. South Florida Water Management District's restrictions and regulations.

#### **3. LICENSES, PERMITS, FEES, AND CODES:**

- A. See Section 6.9 of the Master Agreement's **SPECIFICATIONS AND REQUIREMENTS – Roadway, Drainage, Utilities, Traffic & Miscellaneous Construction.**

02810-1  
11/30/2018

## **IRRIGATION SECTION 02810**

### **B. Tree Removal and Relocation Permits:**

1. Projects that are located in Unincorporated Broward County, County owned facilities, or County Right-Of-Way, secure the necessary permits from the Broward County, Environmental Protection and Growth Management Division.
2. Projects that are located in any municipality of Broward County, the CONTRACTOR will contact the appropriate authorities of that municipality, to secure any necessary permits within their jurisdiction.
3. CONTRACTOR is responsible for meeting all requirements and obligations of permits.

## **4. QUALITY ASSURANCE**

### **IRRIGATION CONTRACTOR Qualifications:**

- A. Refer to **Section 6- Scope of Work of the Specifications and Requirements Roadway, Drainage, Traffic & Miscellaneous Construction.**
- B. The IRRIGATION CONTRACTOR shall be licensed as a certified irrigation contractor by the state of Florida and Broward County. The certifications shall be current and in good standing.

## **MATERIALS**

### **1. GENERAL:**

- A. The IRRIGATION CONTRACTOR must provide accurate, informative, and easy to follow and understandable operation and maintenance manuals for all components of the irrigation system.
- B. Any and all irrigation equipment shown on future project plans must be accompanied by shop drawings prior to installation.

### **2. PIPE (Item # Irrigation 14 thru 18):**

- C. If a new mainline is to be installed or an existing mainline is to be relocated: all mainlines shall be placed a maximum of 18" away from either the back of curb, front of walk, back of walk, edge of pavement or other hardscape - to allow for ease in locating and protection from physical damage.
- D. All PVC joint compound and primer shall be slow-drying, heavy duty cement and tinted primer (purple) that is compatible with the cement. The PVC cement shall be weld-on 2711 grey and the primer shall be weld-on p70 purple primer, or approved equals.
- E. Install all lateral pipes near edges of pavement or structures whenever possible to allow space for plant root balls.
- F. All irrigation pipe shall be installed inside of the project boundary.

02810-2  
11/30/2018

## **IRRIGATION SECTION 02810**

### **3. SLEEVE (Item # Irrigation 19 thru 21):**

- A. All pipes are to be placed in landscaped areas wherever possible. If it is necessary to have piping under hardscape, such as roads, or walks, the pipe must be sleeved using SCH 40 PVC with the sleeve diameter being twice the size of the pipe it is carrying with a minimum sleeve size of 2" diameter.
- B. All damaged and rejected pipe shall be removed from the site at the time of rejection.
- C. The contractor shall ensure all mainline piping is properly restrained, where required.
- D. The contractor shall refer to the manufacturer's recommended installation practices for further direction.

### **4. SPRINKLER HEADS – SPRAY HEADS, ROTORS, AND BUBBLERS (Item # Irrigation 1 thru 4):**

- A. All pop-up heads rotors shall be pressure compensating and be mounted on pre-fabricated swing-joints.
- B. All pop-up spray heads shall be pressure compensating and be mounted on flex-pipe.
- C. All bubblers shall be mounted on flex-pipe.
- D. Any and all irrigation equipment shall be accompanied by shop drawings prior to installation, and according to all local and state laws.

### **5. REMOTE CONTROL VALVES (RCV) (Item # Irrigation 6):**

- A. Rainbird (MODEL PESB) plastic remote control valves or equal as a typical RCV. Size of valves may vary from 1-1/2" to 3" per future plans.
- B. Future projects may be coordinated with Cities who may request a different manufacturer.
- C. Valve boxes to be Rainbird or equal, 12" x 24". (Item No. Irrigation-8)

### **6. VALVES**

- A. Isolation Valves, Nibco or equal. Size: 3" (for bidding purposes). (Item No. Irrigation-7)
- B. Quick-Coupler Valves. 2" size. (Item No. Irrigation-5)
  - 1) Includes Key.

02810-3  
11/30/2018

## **IRRIGATION SECTION 02810**

- C. Place isolation valves and quick coupler valves in Rainbird, or equal, valve box, 12" x 24". (Item No. Irrigation-8)

### **7. WIRING (Item # Irrigation 9):**

- A. All irrigation control wire shall be installed in two-inch (2") diameter electrical conduit
- B. All irrigation control wire shall be thermoplastic solid copper, single conductor, low voltage irrigation controller wire; suitable for direct burial and continuous operation at the rated voltages.
- C. All low voltage electrical connections with 3m-DBY, DBR connectors. Place in Splice Boxes.
- D. Wire sizes to be as follows:
  - 1. #12 white for common wire
  - 2. #12 black for common spare wires
  - 3. #14 red for hot wires
  - 4. #14 yellow for spare hot wires

### **8. CONTROLLER (Item # Irrigation-10 to Irrigation-13)**

- A. RAINBIRD MODEL ESP-LXME (or equal): up to a 6 Station controller. Outdoor, 120V. Include all mounting hardware. Include Rain Sensor. Include mounting and frame/structure to mount the rain sensor.
- B. RAINBIRD MODEL ESP-LXME (or equal): 8 to 12 Station controller. Outdoor, 120V. Include all mounting hardware. Include Rain Sensor. Include mounting and frame/structure to mount the rain sensor.
- C. Controllers shall be modifiable – capable of having expansion modules added to accommodate additional zones. Also, Future irrigation projects may include existing irrigation systems that will require modification and controller expansion.  
Expansion Module: ESP-SM12 EXPANSION MODULE by Rainbird (or Equal).
- D. Controllers can be a component part of specified/proposed or existing Pump Stations.

### **9. PUMP STATION (Item # Irrigation-26 through Irrigation-31)**

- A. Pump Station by Hoover, or equal. Station includes, but not limited to: Fiberglass enclosure, Aluminum Skid, 6" Concrete Slab, Manifold, filters, valves, gauges, flowmeter, intake line. 5 HP variable speed, VFD centrifugal pump.
- B. Pump Station by Hoover, or equal. Station includes, but not limited to: Fiberglass enclosure, Aluminum Skid, 6" Concrete Slab, Manifold, filters, valves, gauges, flowmeter, intake line. 10 HP variable speed, VFD centrifugal pump.

02810-4  
11/30/2018

## **IRRIGATION**

### **SECTION 02810**

- C. Rust Inhibitor System. Includes 65-gal Fiberglass Feed Tank, rust inhibitor solution, Injection/metering pump, valves, 120V pump start relay, and connecting flexible tubing/piping.
- D. Well /Intake Line:
  - 1) Includes check valves, galvanized piping, float, screen for canal/lake intake situations.
  - 2) 4" well casing. Drilling & casing. Water flowrate / pressure must meet the minimum operating requirements specified in the plans/specifications.
  - 3) 6" well casing. Drilling & casing. Water flowrate / pressure must meet the minimum operating requirements specified in the plans/specifications.
  - 4) Water Use Permitting on Future projects shall be provided by the irrigation Designer/Consultant and/or County.

#### **10. ELECTRICAL SERVICE (Item No. Irrigation-32)**

- A. Refer to FDOT Pay Item.

#### **11. OTHER EQUIPMENT**

- A. Any and all irrigation equipment not detailed or specified on the plans or specifications must be accompanied by shop drawings prior to installation.

## **IMPLEMENTATION**

### **1. UTILITIES**

- A. Refer to Section 8.0 of the Master Agreement's **SPECIFICATIONS AND REQUIREMENTS – Roadway, Drainage, Utilities, Traffic & Miscellaneous Construction**.
- B. Utilities: The location and existence of utilities (overhead and underground) shall be thoroughly investigated and verified by the CONTRACTOR before the work begins in the area of said utilities. The CONTRACTOR shall exercise care in digging, trenching, and work so as not to damage existing utilities in said areas, such as underground pipes, cables, wires, etc. Should such overhead or underground obstructions be encountered which interfere irrigation installation work, notify the HCD PROJECT MANAGER or LANDSCAPE ARCHITECT immediately in order for a decision to be made on the relocation of irrigation materials/lines/heads.
- C. The CONTRACTOR shall call SUNSHINE 811 to verify all underground utilities 72 hours prior to commencement of work.
- D. The CONTRACTOR shall be responsible for the immediate repair of any damage to utilities caused by his work.

### **2. HEADS**

- A. All irrigated areas shall be provided with 100% head-to-head coverage.

02810-5  
11/30/2018

## **IRRIGATION**

### **SECTION 02810**

- B. It is the responsibility of the irrigation contractor to familiarize themselves with all grade differences, location of curbs, drainage structures, and utilities. The contractor will not willfully install or relocate the sprinkler system's components - when it is obvious in the field that an unknown obstruction, grade difference, prevents the installation. Any obstructions, or issue in the relocation/ installation shall be brought to the attention of the county project manager. In the event this notification is not performed, the irrigation contractor shall assume full responsibility for any revisions necessary.

#### **3. REMOTE CONTROL VALVES (RCV):**

- A. Sequence all RCV's so that the farthest valve from the P.O.C. Operates first and the closest to the P.O.C. Operates last.

#### **4. WIRING:**

- A. All irrigation control wire shall run alongside the mainline at the same depth as the mainline. At all turns in direction, make a 2' coil of wire and provide a wire pull box. At all valve boxes, make a coil using 30 linear inches of wire.

#### **5. LAYOUT:**

- A. The contractor can make the necessary adjustments as required to avoid any site obstructions and limitations prior to excavating trenches.
- B. The irrigation contractor shall adjust the location and make the necessary modifications to nozzle types required to insure 100% head to head coverage of the system.
- C. Spray heads shall be installed 4" from sidewalks or curbed roadways, and 12" from uncurbed roadways. Rotors shall be installed 4" from sidewalks or curbed roadways, and 36" from uncurbed roadways.
- D. Locate all valves prior to excavation and insure that their location provides for easy access, not any interference with physical structures, plants, trees, poles, etc.

#### **6. PIPE INSTALLATION:**

- A. All glued pipe and fittings must cure a minimum of 30 minutes prior to handling and placing into trenches. All PVC pipe must cure a minimum of 24 hours prior to filling with water.
- B. Adjust heads for proper coverage - avoiding excess water on pavement, walks and other hardscape surfaces.

## **IRRIGATION SECTION 02810**

### **7. TRENCHING:**

- A. Excavate straight and vertical trenches with a smooth, level or sloping depth. The trench width and depth shall be sufficient to allow for the proper vertical and horizontal separation between piping as shown in the trench detail.
- B. All existing landscaping shall be protected from damage. Any damaged plant material shall be replaced with the same genus and species, and of the same size of the material it is replacing.

### **8. BACK FILL:**

- A. All back fill 6" below and 6" above all piping shall be of clean sand and/or native material, nothing larger than 2" in diameter.
- B. All pipe depths shall be measured from the top of pipe:
  - 1. 12" minimum cover for PVC lateral zone lines.
  - 2. 24" minimum cover for PVC main lines.
  - 3. 36" minimum cover under roadways.
- C. The contractor shall backfill and compact all trenches, both mainline and laterals, prior to performing any pressure tests. The pipe shall be backfilled with the exception of 2' on each side of every joint (bell fittings, 90's, tees, 45's, etc.). These joints shall not be backfilled until all piping has satisfactorily passed its appropriate pressure test as outlined below.

### **9. FLUSHING:**

- A. Prior to the placement of any heads, the contractor shall flush all lines for a minimum of 10 minutes or until the lines are completely clean of debris, whichever is longer.

### **10. TESTING:**

- A. Before installing any valves, the mainline or any sections of mainline, must pass a pressure test and be accepted by the county.
- B. Each valve location shall be capped of the appropriate size. Fill the mainline with water and pressurize the system to 125 psi. Monitor the system pressure at two-gauge locations; the gauge locations must be at opposite ends of the mainline or section of mainline, both pressure gauges must read the same pressure, monitor the gauges for two hours. There cannot be any loss in pressure at either gauge for the testing period. If these parameters are not met, locate the problem; repair it; wait 24 hours and retry the test. This procedure must be followed until the mainline passes the test.
- C. All lateral lines must be filled with water as each zone is completed and visually checked for leaks. Any leaks detected must be repaired before installing any heads. No pressure test of the lateral lines is required.

02810-7  
11/30/2018

## **IRRIGATION SECTION 02810**

- D. After the mainline and lateral lines have passed their respective tests, and the system is completely operational, a coverage test and demonstration of the system is required.
- E. The irrigation contractor must demonstrate to the county representative that proper coverage is obtained, and that the system works automatically from the controller. This demonstration requires that each zone is turned on, in the proper sequence as shown on the plans, from the controller. Each zone will be inspected for proper coverage and function. The determination of proper coverage and function is at the sole discretion of the county representative.

### **11. AS-BUILT PLAN (RECORD DRAWINGS)**

Refer to Section 26. As-Built Plans (Record Drawings).

- A. The as-built drawings must identify location of all valves, splice boxes, controllers, mainline, sleeving, and low voltage wiring. Each of these items shall be located using a sub meter GPS system.

### **12. RESTORATION OF WORK AREAS**

- A. Refer to **Section 17- Scope of Work of the Specifications and Requirements Roadway, Drainage, Traffic & Miscellaneous Construction.**

### **13. RESONSIBILITY PRIOR TO FINAL ACCEPTANCE:**

- A. Maintenance shall begin immediately after each plant is planted and continue until final acceptance.
- B. All newly installed plants shall be watered by hose, soaking thoroughly each day for the first two weeks (14 calendar days) and every other day for the following two-week period. Soaking them shall continue on a twice weekly basis for another period of three (3) weeks for material over five feet (5') height amounting to a total of 28 days alter installation of planting under five feet (5') and a total of 45 days for plants over five feet (5'). All watering is required without regard to an irrigation system.
- C. Plant maintenance shall include watering, pruning, weeding, cultivating, mulching, tightening and repairing of guys, stakes, braces, etc., replacement of sick or dead plants, resetting plants to proper grades or upright position and maintenance of the watering saucer, and all other care needed for proper growth of the plants. Plant material rejected during the course of the construction shall be removed within five (5) working days and replaced before the inspection for completion will be scheduled.
- D. During the maintenance period and up to the issuance of certificate of final acceptance, the contractor shall do all seasonal spraying and/or dusting of all planting. The materials and methods shall be in accordance with the highest standard nursery practices and as recommended by the city agent or horticultural consultant and

02810-8  
11/30/2018



## **IRRIGATION SECTION 02810**

approved by the HCED project manager or landscape architect, prior to implementation.

- E. Planting areas and plants shall be protected against trespassing and damage. If any plants become damaged or injured, they shall be treated or replaced, as directed and in compliance with this specification. No work shall be done within or over planting areas or adjacent to plants without proper safeguards and protection.

### **14. FINAL ACCEPTANCE**

- A. The final acceptance of the irrigation system shall be given after the following documents and conditions have been completed and approved by the county. Final payment will not be released until these conditions are satisfied.
  - 1. Final walk-thru and correction of all punch list items.
  - 2. Completion and acceptance of the 'as-built' drawings.

### **15. GUARANTEE**

- A. The modified segments of each irrigation system shall be guaranteed for one calendar year from the date of final acceptance of the Work Order. Any defects found within this time period shall be repair or replaced by the CONTRACTOR at no cost to the County.
- B. All products and materials furnished by the CONTRACTOR shall carry the manufacturer's standard warranty.
- C. Contractor should perform quarterly inspections until the end of the guarantee period to review the operation of the systems.

**END OF SECTION**

02810-9  
11/30/2018

## **LANDSCAPE WORK**

### **SECTION 02900**

#### **PART 1- GENERAL**

##### **1.01 WORK INCLUDED**

- A. These specifications are for a Master Agreement. Landscape materials, etc., are itemized in the Master Agreement Bid form. Work / Projects will be detailed in plans and/or purchase orders (PO's) or work orders (WO's) to be developed, in the future. Specific details, such as plant species, will be finalized with future project PO's or WO's.
- B. See Section 1.1 of the Master Agreement's **SPECIFICATIONS AND REQUIREMENTS – Roadway, Drainage, Utilities, Traffic & Miscellaneous Construction**. The work included in this section consists of furnishing all labor, supplies, equipment and materials necessary to complete the installation of all landscaping in future projects. These factors should be considered for bidding on items listed in the Master Agreement Bid List.
- C. Installation: All plant materials included shall be of the specific size and quality indicated on the plans and in these specifications and shall be installed in strict accordance with sound nursery practices and shall include maintenance and watering for all work outlined on the plans and specifications until final acceptance.
- D. Relocations: Follow best management practices in the preparation and care of plant material proposed to be relocated as shown on the plans. Follow best management practices for the installation of relocated materials. The work shall include maintenance and watering for all relocated materials as shown on the plans until final acceptance.

##### **1.02 RELATED DOCUMENTS**

- A. All applicable provisions of the Bidding and Contract Requirements shall govern the work under this Section. The governing specifications for this project shall be Chapter 25 of the Broward County Administrative Code, and Chapter 39, Sec. 75 through 95 of the Broward County Code of Ordinances.
- B. FDOT Basis of Estimates Manual, 2017.
- C. FDOT Index 544.

##### **1.03 LICENSES, PERMITS, FEES, AND CODES:**

- A. See Section 6.9 of the Master Agreement's **SPECIFICATIONS AND REQUIREMENTS – Roadway, Drainage, Utilities, Traffic & Miscellaneous Construction**.
- B. Tree Removal and Relocation Permits:
  - 1. Projects that are located in Unincorporated Broward County, County owned facilities, or County Right-Of-Way, secure the necessary permits from the Broward County, Environmental Protection and Growth Management Division.

## **LANDSCAPE WORK**

### **SECTION 02900**

2. Projects that are located in any municipality of Broward County, the CONTRACTOR will contact the appropriate authorities of that municipality, to secure any necessary permits within their jurisdiction.
3. CONTRACTOR is responsible for meeting all requirements and obligations of permits.

#### **1.04 QUALITY ASSURANCE**

##### **1. LANDSCAPE CONTRACTOR Qualifications:**

1. The LANDSCAPE CONTRACTOR will be regularly engaged in and specialized in landscape contracting WORK and assume responsibility for all of the landscape related work on future projects (as detailed in future plans). Refer to Section 6.0 of the Master Agreement's **SPECIFICATIONS AND REQUIREMENTS – Roadway, Drainage, Utilities, Traffic & Miscellaneous Construction**.
2. For tree trimming, root pruning and tree/palm relocations – the LANDSCAPE CONTRACTOR shall have a CERTIFIED ARBORIST on-staff, supervising the WORK. (Landscaping Item No. 31)

##### **2. Grade Standards:**

1. All plant materials shall be nursery grown except where specified as collected material, and shall comply with all required inspections, grading standards and plant regulations as set forth by the Florida Department of Agriculture's "Grades and Standards for Nursery Plants" latest edition, or with any superseding specifications that may be called for on the Plans or in the Specifications.
2. All plants not listed in the grades and standards for nursery plants, shall conform to a Florida No. 1 as to: (1) Health and Vitality, (2) Condition of Foliage, (3) Root System, (4) Freedom from Pest or Mechanical Damage, (5) Heavily Branched and Densely Foliated according to the accepted normal shape of the species, (6) Form and branching habit.

##### **3. Balled and Burlapped (B&B) and Wire Balled and Burlapped (WB&B) Plants (Landscaping Items No. 10-21):**

1. These plants shall be properly protected until they are planted. The plant shall be handled only by the earth ball and not by the Plant itself. All wire and/or burlap is to be completely removed from the rootball.
2. Any (B&B) or (WB&B) plant which shows evidence of having been handled by a method other than the method outlined above, and resulting in a cracked or broken ball or of the roots being loosened within the ball shall be rejected and removed from the project site.
  - a. For plants grown in soil of loose texture, which does not readily adhere to the root system, (especially in the case of large plant material), WB&B

## **LANDSCAPE WORK**

### **SECTION 02900**

plants may be specified. For WB&B plants, before plant is removed from the hole, sound hog wire shall be placed around the burlapped ball and looped and tensioned until the burlapped ball is substantially packaged by the tightened wire netting & such as to prevent disturbing of the loose soil around the roots during handling. Any wire, synthetic material, or chemically treated material will be removed from the rootball at planting time; all ties shall be removed from the rootball and around the trunk at planting.

4. Container Grown Plants (CG) (Landscape Items No. 4-21):  
Any Container Grown (CG) plants, which have become “pot bound” or for which the root system is out of proportion (larger) to the size of the container, and/or girdling roots will not be acceptable. All metal containers, unless the root-ball system slips easily and unbroken from the can, a nursery can-cutter shall be used to slit the can in such a way that the can may be opened fully. CG plants shall not be removed from the can until immediately before planting, and with all due care to prevent damage to the root system.
- G. SUBMITTALS (For Specific Projects and WO's):
  1. The CONTRACTOR shall submit to the HCED PROJECT MANAGER or LANDSCAPE ARCHITECT the names and locations of nurseries proposed as sources of acceptable plant material. The PM reserves the right to visit the nursery to inspect and/or select the specified material.
  2. Photographs of the selected plants. Source nursery information.
  3. Qualifications of personnel working on the Project.
  4. Cut-sheets or labels for fertilizers and herbicides / pesticides, or soil amendment, to be used on the Project.
  5. Analysis reports or tests. For soil (typically).
  6. Soil samples, samples of mulch, to be used on specific projects. (1 Cubic foot samples).
  7. Fabrication shop drawings for any site amenity/furnishing or specialty item.
  8. “As-Built” Plans.

#### **1.05 PLAN/BID AND SPECIFICATION INTERPRETATION:**

- A. Specific Projects will list specific plant materials. The Master Contract provides pricing for generic plant material in containers or tree/palm sizes. Trees and Palms can be B&B or Container Grown. A general listing of possible plants is provided below to help guide the bidder.
- B. Bid on the plant material sizes shown in the bid documents for a representative cross section of possible plants. For County projects, at least 50% of the plant materials will be native to Florida, per code. For Bidding purposes:
  1. For Groundcovers (Landscaping Item No. 4) - typical or representative groundcover plant materials may be Beach Sunflower, Parson's Juniper, and Giant Liriope, etc.

## **LANDSCAPE WORK**

### **SECTION 02900**

2. For Native Grasses (Landscaping Item No. 5) – typical native grasses may include Muhly Grass, Florida Gama Grass, Fakahatchee Grass, and Elliot’s Lovegrass, etc.
  3. For Shrubs (Landscaping Item No. 6,7) – typical shrub plant materials may be Dwarf Firebush, Walter’s Viburnum, Green Island Ficus, Dwarf Yaupon Holly, Simpson’s Stopper, etc.
  4. For special shrubs (Landscaping Item No. 9) – typical materials include Saw Palmetto and Coontie, etc.
  5. For Understory trees (Landscaping Item No. 10,11) – typical plant materials may include Cassia, Silver Buttonwood, Simpson’s Stopper, Wax Myrtle, Dahoon Holly, Jamaican Caper, and Crape Myrtle, etc.
  6. For Flowering trees (Landscaping Item No. 14,15) – typical trees may be Verawood, Tibochina, Royal Poinciana, Jacaranda, Tabebuia, Orange Geiger, and Lignumvitae, etc.
  7. For Canopy tree (Landscaping Item No. 12,13) – typical canopy trees include Live Oak, Gumbo Limbo trees, and Mahogany trees, etc.
  8. Plant sizes and container sizes as outlined in the Bid item description.
  9. Quantities on the bid form are generally anticipated quantities that may likely be used, in total, over the course of the contract on various projects; or, may be used on one (1) specific project. The material may not be used at all over the course of the Contract.
- C. All Plant material shown on the Plans (for specific projects) and Details will be located in the field with precision.
1. If any error or discrepancy is found on the Plans and Specifications, the CONTRACTOR will refer the same to the HCED PROJECT MANAGER or LANDSCAPE ARCHITECT for an interpretation and decision. In resolving conflicts between the Plans and Specifications, THE PLANS will GOVERN over the SPECIFICATIONS. The HCED PROJECT MANAGER or LANDSCAPE ARCHITECT will have the right to correct apparent errors or omissions on the Plans and Specifications and to make such interpretations as he or she may deem necessary for the proper fulfillment of the intent of the Plans and Specifications.
  2. On the Plans, written dimensions will govern over scaled dimensions.
  3. Quantities and Locations:  
On specific Projects, the HCED PROJECT MANAGER or LANDSCAPE ARCHITECT reserves the right to adjust the number and locations of the designated types and species to be used at any of the locations shown in order to provide for any modifications which might become necessary.
- 1.06 DELIVERY, STORAGE, AND HANDLING (Future WO’s/PO’s)**
- A. During delivery, handling, and storage, the CONTRACTOR will maintain and care for all plant material.
  - B. Inspection and Transporting: Movement of nursery stock shall comply with all Federal, State, and local laws and regulations. Therefore, required inspection certificates shall accompany each shipment, and shall be filed with the HCED PROJECT MANAGER or LANDSCAPE ARCHITECT.

## **LANDSCAPE WORK**

### **SECTION 02900**

1. The CONTRACTOR will be responsible for protecting plant material from adverse environmental conditions during all phases of delivery and storage. Further, the CONTRACTOR will be responsible for protecting plant material from any and all damage, theft, or deterioration of health or appearance during all phases of delivery and storage.
2. Wrap root balls with burlap. Wire wrap burlap if rootball is not sufficiently compacted.
3. Protect plant material during shipping to prevent damage to the root system and desiccation of leaves. Trees will be protected during shipping by tying in the branches and covering all exposed branches as necessary to protect them from wind damage during transit. Do not bend or bind-tie plant material in such a manner as to damage bark, break branches, or alter the natural shape of the tree.
4. Transport materials on vehicles large enough to allow plants not to be overcrowded, wind burned, or damaged.
5. The CONTRACTOR will exercise care in handling, loading, unloading, storing, and transporting all material to prevent damage. The CONTRACTOR will assume full responsibility for protection and safekeeping of materials stored.
6. The CONTRACTOR will schedule all deliveries for prompt site planting upon arrival at job site. If any delay is incurred in planting (approximately [six (6) hours] after delivery), protect trees and shrubs from sun, weather or mechanical damage and keep roots moist.

#### **1.07 SUBSTITUTIONS / EQUALS**

- A. Substitutions of plant types or change in the size of plant material will only be permitted upon submission of documented proof that the particular plant type and size specified is not obtainable. The HCED PROJECT MANAGER or LANDSCAPE ARCHITECT will approve and process a CHANGE ORDER for all substitutions before they are delivered and installed. Do not deliver and install any material, which is anticipated to be a substitute, before it has been submitted in writing and approved as a substitute. Any CHANGES to the CONTRACT AMOUNT or QUANTITY due to an approved substitution shall be established in writing between the COUNTY and the CONTRACTOR before the material substitution is delivered and installed on the Project. Request for substitutions will be submitted a minimum of seven (7) **calendar days** prior to installation by the CONTRACTOR.

#### **1.08 GUARANTEE**

- A. All plant material shall be guaranteed for a minimum of one (1) calendar year from the time of final acceptance.
- B. All work performed by the CONTRACTOR shall be guaranteed against any defects in workmanship for a period of not less than one (1) year from final acceptance of the Work Order. Any defects found within this time period shall be repaired or replaced by the CONTRACTOR at no expense to the COUNTY.

## **LANDSCAPE WORK**

### **SECTION 02900**

- C. Quarterly inspections are required to be held throughout the one (1) year Guarantee Period. Inspections shall be conducted by the CONTRACTOR. CONTRACTOR shall coordinate quarterly inspections with the County's Project Representative or Landscape Architect. Materials that fail inspection shall be replaced (see 1.09, 1.10 below).
- D. Prior to the Final Guarantee Inspection, all stakes and tree guying, etc and earth saucers shall be removed and re-mulched,.

#### **1.09 REPLACEMENT**

- A. The guaranteeing of plant material shall be construed to mean the complete and immediate removal and replacement of plant material if it is:
  - 1. Not in a healthy growing condition.
  - 2. There is a question to its survival ability at the end of the guarantee period.
  - 3. It is dead.
- B. Remove and properly dispose of dead or failed materials.
- C. Replacement trees/palms shall remain staked/guyed/braced.

#### **1.10 SIZE, QUALITY, AND GRADE OF REPLACEMENT**

Replacement plant material shall be of the same species, quality, and grade as that of the plant to be replaced. The size of the replacement shall not necessarily be the same size as the original specified plant at its initial planting but shall closely match specimens of the same species. Replacements shall be guaranteed for a period equal to the originally specified guarantee. This guarantee period shall begin at time of plant replacement.

#### **1.11 GUARANTEE NULL AND VOID**

The guarantee shall be null and void for plant material which is damaged or dies as a result of "Act of God" limited to hail, freeze, lightening, winds which meet hurricane force, and lethal yellowing, providing the plant was in a healthy growing condition prior to these "Acts of God".

### **PART 2- MATERIALS**

#### **2.01 PLANT MATERIAL (Landscape Items No. 4-21)**

- A. Florida No.1: Except where another grade is specifically called for in the Plans, all plant material shall be no less than Florida No. 1 at the time of final inspection immediately prior to the acceptance by the HCD PROJECT MANAGER or LANDSCAPE ARCHITECT.
- B. Habit of Growth: All plant material shall have a habit of growth that is normal for that species and shall be sound, healthy, vigorous, and free from insects, plant diseases, injuries, and dead limbs.

## **LANDSCAPE WORK**

### **SECTION 02900**

- C. Branching, Leafing, Measurements and Ball Sizes:
- 1: Trees and Shrubs: Requirements for the measurement, branching character, ball diameter, depth and other standards shall follow the Code of Standards recommended by the American Association of Nursery Stock, Bulletin Z-60, 1-1973, and as revised.
  2. Palms: Requirements for the measurement of clear trunk, clear wood and gray wood, ball diameter and depth shall comply with requirements as set forth by the Florida Department of Agriculture's "Grades and Standards for Nursery Plants, Part II for Palms and Trees."
- D. Measurement of Trees, Palms, Shrubs, and Ground Cover:
1. All sizes shown for plant material in the Plans and Specifications are to be **CONSIDERED AS MINIMUMS**. All plant material will meet these minimum requirements for height, spread, etc. as indicated in the Plans and Specifications.
  2. All plants will be symmetrical and will conform to the size, age, and condition as specified on the plant list or Material Schedule as shown in the Contract Documents. Exceptions are as follows:
    - a. Plants larger than specified in the plant list may be used if approved by the **HCED PROJECT MANAGER** or **LANDSCAPE ARCHITECT**, but use of such plants will not increase the contract price. If the use of larger plants is approved, the spread of roots in the root ball or container size will be increased in proportion to the size of the plant.
    - b. Where caliper or other dimensions of any plant material are omitted from the Plant List, it will be understood that such plant materials will be normal stock for type listed.
  3. All trees and shrubs will be measured while their branches are in their normal position. Height and spread dimension specified refer to the main body of the plant and not from branch or root tip to tip. No trees will be accepted with their leaders cut, or so damaged that cutting is necessary.
  4. Trees, Shrubs, and Ground Cover:
    - a. Rootball:  
Requirements for the measurement of minimum diameter and depth will comply with requirements as set forth in the latest edition of the Florida Department of Agriculture's "Grades and Standards for Nursery Plants, Part 1 and Part 2," as Follows:

MIN.BALL		
<u>CALIPER</u>	<u>DIA.</u>	<u>MN. BALL DEPTH</u>
1.00 - 1.50"	16"	12" or 75% of dia.
1.50 - 1.75"	20"	13" or 65% of dia.
1.75 - 2.00"	22"	14" or 65% of dia.
2.00 - 2.50"	24"	15" or 65% of dia.



## **LANDSCAPE WORK**

### **SECTION 02900**

2.50 - 3.50"	26"	16" or 65% of dia.
3.50 - 4.00"	28"	17" or 65% of dia.
4.00 - 4.50"	30"	18" or 60% of dia.
4.50 - 5.00"	32"	19" or 60% of dia.
5.00 - 5.50"	34"	20" or 60% of dia.
5.50- and above		21" or 60% of dia.

Increase in proportion up to forty-eight (48) inches, then decrease in proportion for larger size diameter.

**b. Height**

The height of plant material will be measured from finish grade or top of root crown and continue up to where the main mass of the plant uniformly ends. The height will not include any outstanding, singular, or isolated parts of the plant, such as leaves, shoots, branches, limbs, or fronds, which extend out beyond the main mass of the plant.

**c. Width:**

The width of plant material will be measured from one side of where the main mass uniformly ends and continue to the other side of where the main mass of the plant uniformly ends. The width will not include any outstanding, singular, or isolated parts of the plant, such as leaves, shoots, branches, limbs, or fronds, which extend out beyond the main mass of the plant

**d. Caliper:**

The caliper of tree trunks will be measured six (6) inches above the ground unless:

- (a) The landscape regulations, ordinances, and code requirements from the appropriate local jurisdiction of the project is located, indicate another method of measurement.
- (b) Another method of measurement is indicated otherwise on the Plans.

**5. Palms:**

- a. Requirements for the measurement of clear trunk, clear wood, grey wood, rootball diameter, and depth will comply with requirements as set forth in the latest Agriculture's "Grades and Standards for Nursery Plants, Part 2."

(1) Clear Trunk measurements:

- (a) Sabal palms will be clear trunk measured from top of root ball to point of emergence of the budding frond from trunk of palm.
- (b) All other palms will be clear trunk from top of rootball to the lowest living fronds of the crown.

(2) Grey Wood Measurements:

- (a) Such measurements will be measured from top of root ball to the bottom of the frond sheath (crown shaft) wrapping the trunk of palm.

## **LANDSCAPE WORK**

### **SECTION 02900**

- (3) Over All Measurements:
  - (a) These measurements will be from the top of root ball to the upper and outer main mass of fronds held naturally, not necessarily to the tip of the central open frond and not to the tip of the central bud.
- E. Die-Back and Leaf-Drop: Plant material showing signs of die-back or leaf-drop will not be accepted and must be removed from the job immediately if so directed by the HCD PROJECT MANAGER or LANDSCAPE ARCHITECT. Therefore, any plant material with tendencies toward leaf-drop or die-back must be root pruned early enough to provide a sound network of hair roots prior to relocation to the job site.
- F. Mechanical Destruction of Foliage: Mechanical destruction of foliage resulting from root pruning shall not affect more than 10% of the total foliage prior to planting on the job site. Loss of foliage caused by seasonal change will be accepted.
- G. Spanish moss: If Spanish moss (*Tillandsia usneoides*) exists on plant material, it shall be completely removed prior to planting on the job site.
- H. Palms: Before transporting, see Delivery, Storage, and Handling, for requirements related to wrapping of root balls.
  - 1. Remove a minimum of fronds from the crown of the palms to facilitate transporting and handling.
  - 2. Using untreated burlap strip or untreated cotton twine, tie Sabal Palmetto buds and leave in place until Palmetto is established. Tying shall be as set forth in Florida Department of Agriculture's "Grades and Standards for Nursery Plants." Tying of other palms shall be at the option of the CONTRACTOR.
  - 3. To reduce head volume, Palm fronds may be taper trimmed by not more than one-third (1/3).
  - 4. Palm trees showing cable or chain marks and equipment scars shall be rejected.
- I. Chlorosis: The allowable level of Chlorosis in foliage shall be as set forth in the Florida Department of Agriculture's "Grades and Standards for Nursery Plants."

#### **2.02 PLANTING SOILS (Landscape Item No. 25)**

- A. General Type: All plant material shall be planted with planting soil mixed with 50% original top soil from the project site if the soil is of good quality, as determined by the HCD PROJECT MANAGER or LANDSCAPE ARCHITECT. The planting soils shall be sandy loam (65% sand, and 25% muck, and 10% peat) typical of the locality. The soil must be taken from ground that has never been stripped, with a slight acid reaction (5.5 to 6.5 ph) and without an excess of calcium or carbonate. Planting soil shall be in a loose friable condition, free from weeds, rocks, and debris.

## **LANDSCAPE WORK**

### **SECTION 02900**

- B. Special Type: Planting soil for palms shall be a good grade of salt free sand, which is free of all weeds. Composed of 75% sand and 25% muck or decomposed organics.

#### **2.03 WATER**

- A. Water shall be potable, from municipal water supplies or from the irrigation system water source.
- B. For supplemental watering (Landscaping Item No. 34). The watering will be done to supplement irrigation and/or natural rainfall through an establishment period for the plant materials (typically 3 months for trees, for example).
- C. Contractor shall water new planted or relocated material for a duration of 3 months or as specified in future WO's. The prescriptions for watering – duration and frequency - will be provided in subsequent plans or specifications. For bidding: Typically, the watering will be every day for 2 weeks. Every other day, for the next 2 weeks. Then, 3 times a week for a month. And Twice weekly thereafter to complete the three (3) month establishment period.
- D. Factor the cost of a water truck and operator and water into the bid of Landscape Item No 34.

#### **2.04 MULCH (Landscaping Item No 35)**

Mulch shall be shredded non-native mulch. (Shredded Melaleuca mulch – such as Florimulch (or equal)). It must be uniformly shredded and be free from large pieces of bark, foreign matter, weed seeds and any other organic or inorganic material. Submit sample for approval. CONTRACTOR shall apply one application at initial installation and a second application prior to final acceptance.

- 1. All tree rings of mulch shall be measured three (3) feet from the trunk, and the mulch shall be pulled six (6) inches away from the trunk. (No mulch adjacent to the trunk).
- 2. All planting beds shall be separated by eighteen (18) inches of mulch between any sod or hardscape.

#### **2.05 FERTILIZER**

- A. New Plant Material: Trees, and palms, fertilize with Agriform planting tablets, 20-10-5 formula, and 21 gram. In addition to Agriform, top-dress all plant material with 6-6-6 or 8-8-8.
- B. New Ground Covers: Fertilize with an approved fertilizer of fifty percent (50%) or greater organic 6-6-6 or 8-8-8 with minor elements including, but not limited to, iron zinc and manganese.
- C. Composition of Quality. All fertilizer shall be uniform in composition and dry. Grant fertilizer shall be free flowing and delivered in manufacturer's standard container with name of material, weight and guaranteed analysis printed on container. Tabletized fertilizer shall be delivered in unopened containers or boxes. All bags, containers, or boxes shall be fully labeled with the

## **LANDSCAPE WORK**

### **SECTION 02900**

manufactures analysis. Submit labels to HCED PROJECT MANAGER or LANDSCAPE ARCHITECT for approval prior to placement of fertilizer.

- D. All shall comply with the State of Florida fertilizer laws.

#### **2.06 STAKING AND GUYING:**

- A. Staking and guying will not be attached directly to the plant material with nails. Also, battens used in staking and guying will not be attached to the plant material with nails. Any method of staking and guying, other than those indicated in the details [in the PLANS, or per FDOT INDEX 544], need to be approved by the HCED PROJECT MANAGER or LANDSCAPE ARCHITECT prior to their installation. Refer to [Section 3.11] of these Specifications, for additional information.
- B. For staking details, refer to FDOT INDEX 544.
- C. The CONTRACTOR is responsible for performing all staking and guying in accordance with all applicable regulations, ordinances, and code requirements from the appropriate local jurisdiction the project is located in.
- D. Staking Materials:
1. Wood used for palm tree staking and bracing will be 2" x 4" x 8' Southern Pine, or as approved by the HCED PROJECT MANAGER or LANDSCAPE ARCHITECT.
  2. Battens will be used to attach stakes to canopy and palm trees, and will be wooden 2" x 4" x 18" long.
  3. Wood stakes will be used to secure the tree braces/stakes to the ground.
- E. Tree Guying with Steel Wire:
1. Wire for tree bracing and guying will be double strand pliable No. ten (10) gauge galvanized steel wire or vinyl-coated steel wire.
  2. Hose for covering wire around the tree trunk will be new or used, black or green, 2-ply fiber bearing garden hose, not less than one-half (1/2) inch inside diameter.
  3. Wire guys will be secured to the ground with #3 or #4 x 18" long steel rebar, wood stakes may also be used.
- F. Tree Guying with Monofilament Black Webbing:
- Woven Monofilament Black Webbing 1-3/4" x 1/16" with a tensile strength of not less than 460lbs. may be used in lieu of steel wire but only for trees and palms that are ten (10) feet or less in height and two (2) inches or less in caliper. Each guy shall be fastened to the tree trunk separately, loosely tied to the tree trunk with a square knot.
- G. Tree staking and/or guying of other material may not be used unless with prior approval of the HCED PROJECT MANAGER or LANDSCAPE ARCHITECT.

## **LANDSCAPE WORK**

### **SECTION 02900**

#### **2.07 ROOT BARRIERS (Landscaping Item No. 27-28):**

- A. Inter-locking plastic panels by Deep Root, Inc, or equal. 24” panels. For vertical root barriers. To protect curbs, sidewalks, building foundations, etc.
- B. Biobarrier – for use in protecting utilities. By Typar Geosynthetics or equal. 36” rolls. Fabric consists of nodules, on 1-1/2” center, containing trifluralin. : Fertilize with an approved fertilizer of fifty percent (50%) or greater organic 6-6-6 or 8-8-8 with minor elements including, but not limited to, iron zinc and manganese.
- C. Install root barriers per manufacturer’s instructions.

#### **2.08 HERBICIDES / PEST MANAGEMENT (Landscaping Item No 37)**

- A. Contractor shall use IPM practices to manage weeds and insects in the landscape, which include:
  - 1. Proper weed/insect identification.
  - 2. Actively monitoring.
  - 3. Utilizing mechanical and cultural practices first, when available.
  - 4. Preserving natural, biological control organisms.
  - 5. Spot-treating pest-infested areas when possible, rather than making calendar-based cover spray applications to the landscape.
- B. When possible, Contractor shall use selective, reduced-risk herbicides or insecticides rather than broad-spectrum, non-selective products. This helps conserve natural predators and parasitoids in the landscape that are attacking plant pests.
- C. Contractor shall treat fire-ant mounds individually as they occur with bait formulas.
- D. Insects including southern chinch bug, fall armyworm, tropical sod webworm, hunting billbug, and mole crickets can be monitored using UF/IFAS-recommended soapy water flushes and scouting for symptoms of plant damage. See, <http://edis.ifas.ufl.edu/ig001>, for turfgrass pest-specific recommendations.
- E. As part of the landscape bed preparation (Landscaping Item No. 36), Contractor shall use of a pre-emergent herbicide, such as Princep or Equal. Contractor shall apply the herbicide per the label, and in accordance with local and state ordinances.

## **LANDSCAPE WORK**

### **SECTION 02900**

- F. If it is not economical or practical to reduce weeds after they have emerged and established in lawns or ornamental plant beds, post-emergent herbicides – Such as Round-up or equal - may be required. Contractor shall notify County Project Representative and request authorization for use of a post-emergent herbicide. Include an indicator dye in the solution when spraying herbicides. Contractor shall apply the herbicide per the label, and in accordance with local and state ordinances.
- G. Submit labels to the County's Project Representative for each herbicide / insecticide used on the landscaping for a specific, individual project.

### **PART 3- EXECUTION (FOR FUTURE PROJECTS, WO's / PO's)**

#### **3.01 INSPECTION**

Utilities: The location and existence of utilities (overhead and underground) shall be thoroughly investigated and verified by the CONTRACTOR before the work begins in the area of said utilities. The CONTRACTOR shall exercise care in digging and work so as not to damage existing utilities in said areas, such as underground pipes, cables, wires, etc. Should such overhead or underground obstructions be encountered which interfere with planting, the HCD PROJECT MANAGER or LANDSCAPE ARCHITECT shall be consulted immediately in order for a decision to be made on the reallocations of plant material to clear such obstruction. The CONTRACTOR shall be responsible for the immediate repair of any damage to utilities caused by his work.

#### **3.02 PREPARATION OF PLANTING SOIL (Landscaping Item No. 25)**

- A. Before mixing, clean planting soil of roots, plants, sods, stones, clay lumps, and any other extraneous material harmful or toxic to plant growth.
- B. Mix the specified fertilizers with the planting soil at the rates specified. Delay mixing the fertilizer if planting operations will not commence within three days.
- C. For sod, apply four (4) inches of planting soil on the surface of the top soil and mix thoroughly before planting.

#### **3.03 PREPARATION OF PLANTING BEDS (Landscaping Item No. 36)**

- A. The subgrade soil shall consist of clean material with a minimum percolation rate of 3.0, and pH level between 6.5 and 7.5.
- B. Loosen the subgrade soil of all planting beds to a minimum depth of four (4) inches. Remove all sticks, stones, and rocks measuring over one and one half (1 ½) inches in any dimension, and any other extraneous matter from the

## **LANDSCAPE WORK**

### **SECTION 02900**

subgrade soil. Limit the preparation area to planting areas that will be planted within two (2) days.

- C. Spread planting soil to a minimum depth of two (2) inches, or as required to meet grades and elevations, mix thoroughly into the upper four (4) inches of soil, creating a transition layer, and remove any extraneous material.
- D. Place the remaining two (2) inches of planting soil in the planting area and grade to specifications.
- E. In areas to be planted with material smaller than one (1) gallon containers, the CONTRACTOR may place the plant material on the transition layer, and spread the planting soil around the plants to meet the finished grade of that area.

#### **3.04 TREE / PALM / SHRUB PLANTING PREPARATION (For Future Projects)**

- A. **Staking Plant Locations:** Plant locations must be staked or marked prior to planting hole excavation or placing on deck, by scaling the plans from existing features found on-site and indicated on the plans or by given dimensions. The HCED PROJECT MANAGER or LANDSCAPE ARCHITECT shall be given the opportunity to review and approve all plant locations prior to installation.
- B. **Spacing of Shrubs:** Shrub beds located next to another bed, walkway, structure, etc., shall have the plants along the perimeter spaced so that the plants can mature properly without growing into the other bed, walkway, structure, etc. Shrubs of different species shall be separated by a one (1) clear zone between the two species, and mulched.
- D. **Excavation of Plant Holes:** Excavation of plant holes shall be roughly cylindrical in shape with the sides approximately vertical. The HCED PROJECT MANAGER or LANDSCAPE ARCHITECT reserves the right to adjust the size and shape of the plant hole and the location of the plant in the hole to compensate for unanticipated structures or unanticipated factors. All plant holes shall be sufficiently deep to allow the rootball to set on existing soil and have root collar at grade level. Plants shall be centered in the holes with the tree trunk locations scaled from existing permanent structures as shown on the drawings. Plants shall be set straight or plumb in locations. All plant holes to accommodate plants with ball sizes less than 24" in diameter shall be at least 18" greater than the diameter of the ball. All plants holes to accommodate plants with ball sizes two feet (2') and larger in diameter shall be at least the diameter of the ball. The excavated material from the plant holes may not be used to back-fill around the plant material. Such material shall be disposed of either on the project site or off the site as directed by the HCED PROJECT MANAGER or LANDSCAPE ARCHITECT. Plant holes for shrub material planted in mass shall meet all requirements listed above for plant holes.

## **LANDSCAPE WORK**

### **SECTION 02900**

However, they shall not be individual holes but one continuous hole or excavation. Plant holes for hedge material shall also meet all requirements listed above for plant holes; however, a continuous trench may be used in lieu of individual holes for hedge material.

- E. Ensure pits for trees/palms and planter areas have sufficient percolation and drainage.

#### **3.05 INSTALLATION (For Future Projects)**

A. **Setting of Plants:**

1. When lowered into the hole the plant shall rest on the prepared hole bottom such that the roots after settlement are level, or slightly above the level of its previous growth condition and the final level of the ground around the plant shall conform to the surrounding grade. The plants shall be set straight or plumb or normal to the relationship of their growth prior to transplanting. The HCED PROJECT MANAGER or LANDSCAPE ARCHITECT reserves the right to realign any plant material after it has been set.
2. Palms of the Sabal species may be set deeper than the depth of their original growth condition in order to lessen the necessity for support or bracing. For such deeper planting however, it will be required that the underlying soil be friable and that the clear trunk requirements set forth in the plant list be maintained from the finished grade and NOT from the previous grade of the palm trees before it was transplanted.
3. Plant material of the shrub category and smaller must be handled by the root ball only. Plant material too large for hand handling, if moved by winch or crane, must be thoroughly protected from chain, rope or cable marks, girdling, bark slippage, limb breakage, and any other damage that might occur by improper handling or negligence.
4. All palm trees handled by the trunks must be wrapped with burlap and wood battens, held in place by banding strips as called for in the details.

B. **Backfilling:**

Use planting soils specified in Article 2.02, Planting Soil. Backfill. Plug after planting with pressurized water. NO TAMPING.

C. **Application of Fertilizer.**

1. Fertilize New Planting (Trees, Palms, and Shrubs) as follows:

a. Specified Container Size	Application Rate
1 gallon container	1 tablet
3 gallon container	2 tablets
5 gallon container	3 tablets
7 gallon container	5 tablets



## **LANDSCAPE WORK**

### **SECTION 02900**

- b. Large tubs or boxes and B&B material shall receive one (1) tablet for each one-half (1/2) inch of trunk diameter (measured three (3) feet from ground). For large shrubs, one (1) tablet for each one (1) Foot of height or spread.
- D. **Mulch: (Landscaping Item No. 35)**  
Within 24 hours after planting, planting areas must be mulched as called for in these specifications. The mulch shall be uniformly applied to a depth of three (3) inches over all shrub, tree and groundcover areas and any areas indicated on the plans. Keep mulch away from root crowns and cambium layers. All canopy and palm trees shall have a minimum of a three (3) foot radius mulched area around each tree in lawn areas.
- E. **Staking and Guying** shall be installed within 24 hours; in accordance with details.
- F. **Initial Watering:** water the plant material to develop uniform coverage and deep water penetration of at least six inches (6"). Avoid erosion, puddling, and washing soil away from plant roots.
- G. **Hand Watering: (Landscaping Item No. 34)**  
Provide hand watering of plant material as necessary subject to weather conditions, to maintain healthy growing conditions until final acceptance. This shall be in addition to water received from irrigation system, if any.
- H. **Pruning: (Landscaping Item No. 29)**
  - 1. The amount of general pruning shall be limited to the minimum necessary to remove dead or injured twigs and branches and to compensate for the loss of roots as a result of transplanting operations. Pruning shall be done in such a manner as not to change the natural habit of shape of a plant, and in accordance with National Arborist Association standards for pruning.
  - 2. All broken or damaged roots shall be cut off smoothly. The tops of all trees shall be pruned in a manner complying with standard horticultural practices.
- I. **Weeding: (Landscaping Item No. 36, 37)**  
In the event that weeds or undesirable vegetation becomes prevalent to such an extent that they threaten plant material, they shall be removed as directed by the HCED PROJECT MANAGER or LANDSCAPE ARCHITECT. If necessary, the plant material and/or planting soil shall be replaced as needed to eliminate the weeds at the expense of the CONTRACTOR.

## **LANDSCAPE WORK**

### **SECTION 02900**

#### **3.06 CLEANING AND PROTECTION**

- A. Refer to Section 17 of the Master Agreement's **SPECIFICATIONS AND REQUIREMENTS – Roadway, Drainage, Utilities, Traffic & Miscellaneous Construction**.
- B. Responsibility Prior to Final Acceptance:
1. Maintenance shall begin immediately after each plant is planted and continue until final acceptance.
  2. (Landscaping Item No 34): All newly installed plants shall be watered by hose, soaking thoroughly each day for the first two weeks (14 calendar days) and every other day for the following two week period. Soaking them shall continue on a twice weekly basis for another period of three (3) weeks for material over five feet (5') height amounting to a total of 28 days after installation of planting under five feet (5') and a total of 45 days for plants over five feet (5'). All watering is required without regard to an irrigation system.
  3. Plant maintenance shall include watering, pruning, weeding, cultivating, mulching, tightening and repairing of guys, stakes, braces, etc., replacement of sick or dead plants, resetting plants to proper grades or upright position and maintenance of the watering saucer, and all other care needed for proper growth of the plants. Plant material rejected during the course of the construction shall be removed within five (5) working days and replaced before the inspection for completion will be scheduled.
  4. During the maintenance period and up to the issuance of Certificate of Final Acceptance, the CONTRACTOR shall do all seasonal spraying and/or dusting of all planting. The materials and methods shall be in accordance with standard nursery practices – (Or - as recommended by the a Horticultural CONSULTANT, or Certified Arborist) - and approved by the HCD PROJECT MANAGER or LANDSCAPE ARCHITECT, prior to implementation.
  5. Planting areas and plants shall be protected against trespassing and damage. If any plants become damaged or injured they shall be treated or replaced, as directed and in compliance with this specification. No work shall be done within or over planting areas or adjacent to plants without proper safeguards and protection.

#### **3.07 MAINTENANCE OF TRAFFIC**

Refer to Section 14 of the Master Agreement's **SPECIFICATIONS AND REQUIREMENTS – Roadway, Drainage, Utilities, Traffic & Miscellaneous Construction**.

**LANDSCAPE WORK  
SECTION 02900**

**END OF SECTION**

02900-18

**PRECAST CONCRETE PLANTER SPECIFICATIONS**  
**SECTION 034500**

**(Landscaping Item No. 39-40)**

**1.1 SPECIFICATION**

A. Precast Planter: Planters by QCP or equal. (Landscape Item No. 39).

1. Specifics planters 'California Planter'.
2. Customize Model QS-CAL249624P to a 48" wide planter.

B. Custom Precast Concrete: Elements/Site Amenities by QCP or equal. (Landscape Item No. 40).

**2.1 SUMMARY**

A. Section includes: Furnish Precast Concrete Planter or Precast Concrete Element indicated on drawings or specified herein.

**2.2 REFERENCES**

- A. American Society for Testing & Materials
1. ASTM C33
  2. ASTM C150
  3. ASTM C31

**2.3 SUBMITTALS**

A. Submit product data, shop drawings and Samples.

1. Product Data: Manufacturer's specifications and technical data edited specifically for proposed system, including the following specific information:
  - a. Detailed specification of construction fabrication.
  - b. Manufacturer's installation instructions
  - c. Maintenance literature
  - d. Product warranty
2. Shop Drawings: Indicate pertinent dimensions, general construction, component connections anchoring methods, hardware and installation procedures.
3. Samples as requested by the County's Project Manager or Representative.

**2.4 QUALITY ASSURANCE**

A. Manufacturer to have at least five (5) years' experience in the manufacturer of precast concrete planter's field proven for at least five years.

**2.5 WARRANTY**

Manufacturer shall submit a written warranty for precast products for the period of two (2) years upon acceptance of products.

**PRECAST CONCRETE PLANTER SPECIFICATIONS**  
**SECTION 034500**

**(Landscaping Item No. 39-40)**

**3.1 MATERIALS**

- A. Portland Cement: ASTM C150 specifications for Portland Cement.
- B. Aggregates: All aggregates to meet ASTM C33 specifications, to be cleaned of foreign matter and properly graded to size.
- C. Coloring: Pigments used shall be inorganic, resistant to alkalinity and used as per manufacturers recommendations.

END OF SECTION

**034500-2**

## **GENERAL CONDITIONS**

### **Quotation Requests and Invitations for Bids**

These are standard instructions for Quotation Requests and Invitations for Bid as issued by the Broward County Board of County Commissioners (County). The County may delete, supersede, or modify any of these standard instructions for a particular contract by indicating such change in the Special Instructions to Vendors or in the line item. By acceptance of a purchase order or award notification issued by the County, Vendor agrees that the provisions included within this solicitation, which upon award serves as the executed contract, shall prevail over any conflicting provision within any standard form contract of the Vendor regardless of any language in Vendor's contract to the contrary. Digital versions of this solicitation are provided for the convenience of the Vendor. Any material modification of the solicitation and/or any alteration of the verbiage is expressly prohibited and is not enforceable. Any alteration may render the Vendor's submission void and bar the Vendor from consideration in connection with this solicitation.

#### **1. Execution of Solicitation Response:**

- (a) BY SUBMITTING THIS FORM WITH AN ELECTRONIC SIGNATURE, VENDOR ACKNOWLEDGES AND ACCEPTS ALL GENERAL CONDITIONS AND SPECIAL INSTRUCTIONS. The individual submitting is authorized to sign (electronically accept) this solicitation response on behalf of the Vendor as indicated in Certificate as to Corporate Principal, designation letter by Director/Corporate Officer, or other business authorization to bind on behalf of the Vendor. Solicitation response must contain a signature of an individual authorized to bind the Vendor. Electronic signatures or digital signatures shall have the same effect as an original signature.
- (b) I certify that the Vendor's response is made without prior understanding, agreement, or connection with any corporation, firm or person submitting a response for the same items/services, and is in all respects fair and without collusion or fraud. I also certify that the Vendor agrees to abide by all terms and conditions of this solicitation, acknowledge and accept all of the solicitation pages as well as any special instructions sheet(s).
- (c) No award will be made to a Vendor who is delinquent in payment of any taxes, fees, fines, contractual debts, judgments, or any other debts due and owed to the County, or is in default on any contractual or regulatory obligation to the County. By submitting this solicitation response, Vendor attests that it is not delinquent in payment of any such debts due and owed to the County, nor is it in default on any contractual or regulatory obligation to the County. In the event the Vendor's statement is discovered to be false, Vendor will be subject to debarment and the County may terminate any contract it has with Vendor.
- (d) Vendor certifies by submitting this solicitation response that no principals or corporate officers of the firm were principals or corporate officers in any other firm which was suspended or debarred from doing business with Broward County within the last three years, unless noted in the response.
- (e) By submitting this solicitation response, Vendor attests that any and all statements, oral, written or otherwise, made in support of this response, are accurate, true and correct. Vendor acknowledges that inaccurate, untruthful, or incorrect statements made in support of this response may be used by the County as a basis for rejection, rescission of the award, or termination of the contract and may also serve as the basis for debarment of Vendor pursuant to Section 21.119 of the Broward County Procurement Code.

#### **2. Withdrawal:**

No Vendor may withdraw its solicitation response before the expiration of 120 days from the date of opening. Any response altering the 120 day requirement shall be deemed non-responsive.

**3. Submission of Bids and Quotations:**

Vendor's solicitation response must be submitted electronically through BidSync, the County's designated electronic bidding system. It is the Vendor's sole responsibility to assure its response is submitted and received through BidSync by the date and time specified in the solicitation. The County will not consider solicitation responses received by other means. Any timeframe references are in Eastern Standard Time. The official time for electronic submittals is BidSync's servers, as synchronized with the atomic clock. All parties without reservation will accept the official time.

**4. Bid Opening (Invitation for Bids only):**

All bids received shall be publicly opened in the presence of one or more witnesses at the Purchasing Division office, located at 115 S. Andrews Avenue, Room 212, Fort Lauderdale, FL 33301, or other designated County location as posted in the Purchasing Division offices. The Purchasing Division will decrypt responses received in BidSync immediately following the designated bid end date and time.

**5. Addenda:**

Broward County reserves the right to amend this solicitation prior to the opening date indicated. Only written addenda are binding. If, upon review, material errors in specifications are found, contact the Purchasing Division immediately, prior to opening date, to allow for review and subsequent clarification on the part of Broward County. Vendors shall be responsible for obtaining, reviewing and acknowledging each addendum.

**6. Prices, Terms, and Payments:**

Firm prices shall be provided and include all handling, set up, shipping and inside delivery charges to the destination shown herein unless otherwise indicated.

- (a) **The Vendor:** In submitting this solicitation response certifies that the prices provided herein are not higher than the prices at which the same commodity(ies) or service(s) is sold in approximately similar quantities under similar terms and conditions to any purchaser whomsoever.
- (b) **F.O.B.:** Unless otherwise specified, prices shall be provided as F.O.B. Destination, freight included and inclusive of all costs. Current and/or anticipated applicable fuel costs should be considered and included in the prices provided.
- (c) **Ties:** The Purchasing Division will break tie responses in accordance with the Procurement Code.
- (d) **Taxes:** Broward County is exempt from Federal Excise and Florida Sales taxes on direct purchase of tangible property. Exemption numbers appear on purchase order. The Vendor shall pay all applicable sales, consumer, land use, or other similar taxes required by law. The Vendor is responsible for reviewing the pertinent State Statutes involving the sales tax and complying with all requirements.
- (e) **Discounts:** Vendors may offer a cash discount for prompt payment. However, such discounts will not be considered in determining the lowest net cost for evaluation purposes. Vendors should reflect any discounts to be considered in the evaluation in the unit prices submitted.
- (f) **Mistakes:** Vendors are cautioned to examine all specifications, drawings, delivery instructions, unit prices, extensions, and all other special conditions pertaining to this solicitation. Failure of the Vendor to examine all pertinent documents shall not entitle them to any relief from the conditions imposed in the contract. In case of mistakes in extension, the unit price shall govern. Multiplication or addition errors are deemed clerical errors and shall be corrected by the County.

- (g) **Ordering:** The County reserves the right to purchase commodities/services specified herein through contracts established by other governmental agencies or through separate procurement actions due to unique or special needs. If an urgent delivery is required, within a shorter period than the delivery time specified in the contract and if the seller is unable to comply therewith, the County reserves the right to obtain such delivery from others without penalty or prejudice to the County or to the seller.

**7. Open-End Contract:**

No guarantee is expressed or implied as to the total quantity of commodities/services to be purchased under any open-end contract. Estimated quantities will be used for comparison purposes only. The County reserves the right to issue purchase orders as and when required, or, issue a blanket purchase order for individual agencies and release partial quantities or, issue instructions for use of direct Purchase Orders by various County agencies, or, any combination of the preceding. No delivery shall become due or be acceptable without a written order or shipping instruction by the County, unless otherwise provided in the contract. Such order will contain the quantity, time of delivery and other pertinent data. However, on items urgently required, the seller may be given telephone notice, to be confirmed by an order in writing.

**8. Contract Period (Open-End Contract):**

The initial contract period shall start and terminate as indicated in the Special Instructions to Vendors. The Vendor will complete delivery and the County will receive delivery on any orders transmitted to the Vendor prior to the expiration date. The Director of Purchasing may renew this contract subject to Vendor acceptance, satisfactory performance, and determination that renewal is in the best interest of the County. The County will provide Notification of Intent to Renew in advance of the contract expiration date. All prices, terms and conditions shall remain firm for the initial period of the contract and for any renewal period unless subject to price adjustment specified as a "special condition" hereto. **In the event scheduled services will end because of contract expiration, the Vendor shall continue the service at the direction of the Director of Purchasing. The extension period shall not extend for more than ninety (90) days beyond the expiration date of the existing contract. The Vendor shall be compensated for the service at the rate in effect when this extension clause is invoked by the County.**

**9. Fixed Contract Quantities:**

Purchase order(s) for full quantities will be issued to successful Vendor(s) after notification of award and receipt of all required documents. Fixed contract quantities up to twenty (20) percent of the originally specified quantities may be ordered prior to the expiration of one (1) year after the date of award, provided the Vendor agrees to furnish such quantities at the same prices, terms and conditions.

**10. Awards:**

If a specific basis of award is not established in the Special Instructions to Vendors, the award shall be to the responsible Vendor with the lowest responsive solicitation response meeting the written specifications. As the best interest of the County may require, the right is reserved to make award(s) by individual commodities/ services, group of commodities/services, all or none or any combination thereof. When a group is specified, all items within the group must be priced.

A Vendor desiring to offer "No Charge" on an item in a group must indicate by placing a \$0.00 in the offer field, and enter "No Charge" in the "Notes for Buyer" section in BidSync; otherwise the group will be construed as incomplete and may be rejected. However, if Vendors do not offer all items within a group, the County reserves the right to award on an item by item basis. When a group is indicated for variable quantities and the group shows evidence of unbalanced prices, such solicitation response may be rejected. The Director of Purchasing, or the Board of County Commissioners, whichever is applicable, reserves the right to waive technicalities and irregularities and to reject any or all responses.



**11. Payment:**

Payment for all goods and services, requested by a purchase order, shall be made in a timely manner and in accordance with Local Government Prompt Payment Act, Section 218.70, Florida Statutes, and the Prompt Payment Policy, Section No. 1-51.6, Broward County Code of Ordinances. All applications for payment shall be submitted to the address indicated in the purchase order. The County will pay the Vendor after receipt, acceptance, and proper invoice is received. Invoices must bear the purchase order number.

**12. Termination:**

- (a) **Availability of Funds:** If the term of this contract extends beyond a single fiscal year of the County, the continuation of this contract beyond the end of any fiscal year shall be subject to the availability of funds from the County in accordance with Chapter 129, Florida Statutes (Florida Statutes). The Broward County Board of County Commissioners shall be the final authority as to availability of funds and how such available funds are to be allotted and expended. In the event funds for this project/purchase are not made available or otherwise allocated, the County may terminate this contract upon thirty (30) days prior written notice to the Vendor.
- (b) **Non Performance:** The Awarding Authority may terminate the contract for cause if the party in breach has not corrected the breach within ten (10) days after written notice from the aggrieved party identifying the breach. Cause for termination shall include, but not be limited to, failure to suitably perform the work, failure to suitably deliver goods in accordance with the specifications and instructions in this solicitation, failure to continuously perform the work in a manner calculated to meet or accomplish the objectives of the County as set forth in this solicitation, or multiple breach of the provisions of this solicitation notwithstanding whether any such breach was previously waived or cured.
- (c) **For Convenience:** The Awarding Authority may terminate the contract for convenience upon no less than thirty (30) days written notice. In the event the contract is terminated for convenience, Vendor shall be paid for any goods properly delivered and services properly performed to the date the contract is terminated; however, upon being notified of County's election to terminate, Vendor shall cease any deliveries, shipment or carriage of goods, and refrain from performing further services or incurring additional expenses under the terms of the contract. In no event will payment be made for lost or future profits. Vendor acknowledges and agrees that it has received good, valuable and sufficient consideration from County, the receipt and adequacy of which are hereby acknowledged for County's right to terminate this contract for convenience.

**13. Conditions and Packaging:**

Unless otherwise stated in the solicitation, or specifically ordered from an accepted price list, deliveries must consist only of new and unused goods and shall be the current standards production model available at the time of the solicitation response. The goods must be suitably packaged for shipment by common carrier. Each container or multiple units or items otherwise packaged shall bear a label, imprint, stencil or other legible markings stating name of manufacturer or supplier, purchase order number and any other markings required by specifications, or other acceptable means of identifying Vendor and purchase order number.

**14. Safety Standards:**

Unless otherwise stipulated in the solicitation, all manufactured items and fabricated assemblies shall comply with applicable requirements of the Occupational Safety and Health Act (OSHA) and any standards thereunder. All sources of energy associated with machinery/equipment purchased shall be capable of being locked-out in accordance with OSHA 29 CFR 1910.147, Hazardous Energy Control. In compliance with OSHA 29 CFR 1910.1200, Hazard Communication Standard, and Chapter 442, Florida Statutes, Occupational Safety and Health, any chemical substance delivered from a contract resulting from this solicitation must be compliant with the Global Harmonized System (GHS) for Hazard Communication accompanied

by a Safety Data Sheet (SDS) consisting of 16 sections. A Safety Data Sheet (SDS) shall also be submitted to the Broward County Risk Management Division, 115 South Andrews Avenue, Room 218, Fort Lauderdale, FL 33301-1803.

**15. Non-Conformance to Contract Conditions:**

The County may withhold acceptance of, or reject any items which are found, upon examination, not to meet the specification requirements. Upon written notification (mail, email, or fax) of rejection, items shall be removed within five (5) calendar days by the Vendor at its expense and redelivered at its expense. The County regards rejected goods left longer than thirty (30) days as abandoned and the County has the right to dispose of them as its own property. On foodstuffs and drugs, no written notice of rejection need be given. Upon verbal notice to do so, the Vendor shall immediately remove and replace such rejected merchandise at its expense. Rejection for non-conformance, failure to provide services conforming to specifications, or failure to meet delivery schedules may result in Vendor being found in default.

**16. Inspection, Acceptance and Title:**

Inspection and acceptance will be at delivery destination unless otherwise specified. Title and risk of loss or damage to all items shall be the responsibility of the Vendor until accepted by the County.

**17. Governmental Restrictions:**

In the event any governmental restrictions may be imposed which would necessitate alteration of the material quality, workmanship or performance of the items offered on this solicitation response prior to its delivery, it shall be the responsibility of the successful Vendor to notify the County at once, indicating in its letter the specific regulation which required an alteration. The County reserves the right to accept any such alteration, including any price adjustments occasioned thereby, or to cancel the contract at no further expense to the County.

**18. Legal Requirements:**

Applicable provisions of all Federal, State of Florida, County and local laws, and of all ordinances, rules and regulations including the Broward County Procurement Code shall govern development, submittal and evaluation of responses received in response hereto and shall govern any and all claims and disputes which may arise between person(s) submitting a response hereto and the County by and through its officers, employees and authorized representative, or any other person natural or otherwise in addition to any resultant agreement. Lack of knowledge by any Vendor shall not constitute a recognizable defense against the legal effect thereof.

**19. Indemnification:**

Vendor shall at all times hereafter indemnify, hold harmless and defend County and all of County's current and former officers, agents, servants, and employees (collectively, "Indemnified Party") from and against any and all causes of action, demands, claims, losses, liabilities and expenditures of any kind, including attorneys' fees, court costs, and expenses (collectively, a "Claim"), raised or asserted by any person or entity not a party to this Contract, which Claim is caused or alleged to be caused, in whole or in part, by any intentional, reckless or negligent act or omission of Vendor, its current or former officers, employees, agents, or servants, arising from, relating to, or in connection with this Contract. In the event any Claim is brought against an Indemnified Party, Vendor shall, upon written notice from County, defend each Indemnified Party against each such Claim by counsel satisfactory to County or, at County's option, pay for an attorney selected by the County Attorney to defend the Indemnified Party. The obligations of this section shall survive the expiration or earlier termination of this Contract. To the extent considered necessary by the Contract Administrator and the County Attorney, any sums due Vendor under this Contract may be retained by County until all of County's claims for indemnification pursuant to this Contract have been settled or otherwise resolved. Any amount withheld shall not be subject to payment of interest by County.

For construction contracts, Vendor shall indemnify and hold harmless County, its officers and employees, from liabilities, damages, losses, and costs, including, but not limited to, reasonable

attorneys' fees, to the extent caused by the negligence, recklessness, or intentionally wrongful misconduct of Vendor and persons employed or utilized by Vendor in the performance of this Contract. To the extent considered necessary by Contract Administrator and County Attorney, any sums due Vendor under this Contract may be retained by County until all of County's claims for indemnification pursuant to this Contract have been settled or otherwise resolved, and any amount withheld shall not be subject to payment of interest by County. The indemnifications shall survive the expiration or earlier termination of this Contract.

**20. Notice:**

Written notice provided pursuant to this contract shall be sent by certified United States Mail, postage prepaid, return receipt requested, or by hand-delivery with a request for a written receipt of acknowledgment of delivery, addressed to the party for whom it is intended at the place last specified. The place for giving notice shall remain the same as set forth herein until changed in writing in the manner provided in this section. For the present, the County designates:

Director, Broward County Purchasing Division  
115 S. Andrews Avenue, Room 212  
Fort Lauderdale, FL 33301-1801

Vendor shall identify in the solicitation response a designated person and address to whom notice shall be sent when required by the contract.

**21. Jurisdiction, Venue, Waiver of Jury Trial:**

The contract shall be interpreted and construed in accordance with and governed by the laws of the state of Florida. Any controversies or legal problems arising out of the contract and any action involving the enforcement or interpretation of any rights hereunder shall be submitted to the jurisdiction of the State courts of the Seventeenth Judicial Circuit of Broward County, Florida, the venue situs, and shall be governed by the laws of the state of Florida. By entering into this contract, Vendor and County hereby expressly waive any rights either party may have to a trial by jury of any civil litigation related to this contract. If any party demands a jury trial in an lawsuit arising out of the contract and fails to withdraw the request after written notice by the other party, the party making the request for jury trial shall be liable for the reasonable attorneys' fees and costs of the party contesting the request for jury trial.

**22. Patents and Royalties:**

The Vendor, without exception, shall indemnify and save harmless and defend the County, its officers, agents and employees from liability of any nature or kind, including but not limited to attorney's fees, costs and expenses for or on account of any copyrighted, patented or unpatented invention, process, or article manufactured or used in the performance of the contract, including its use by the County. If the Vendor uses any design, device, or materials covered by letters, patent or copyright, it is mutually agreed and understood without exception that the prices shall include all royalties or cost arising from the use of such design, device, or materials in any way involved in the work. This provision shall survive the expiration or earlier termination of the contract.

**23. Assignment, Subcontract:**

Contractor shall not transfer, convey, pledge, subcontract or assign the performance required by this solicitation without the prior written consent of the Director of Purchasing. Any award issued pursuant to this solicitation and the monies which may become due hereunder are not assignable, transferrable, or otherwise disposable except with the prior written consent of the Director of Purchasing.

**24. Qualifications of Vendor:**

The County will only consider solicitation responses from firms normally engaged in providing the types of commodities, services, or construction specified herein. Vendor must have adequate organization, facilities, equipment, and personnel to ensure prompt and efficient service to County. The County reserves the right to inspect the facilities, equipment, personnel

and organization or to take any other action necessary to determine ability to perform in accordance with specifications, terms and conditions. The County will determine whether the evidence of ability to perform is satisfactory and reserves the right to reject responses where evidence or evaluation is determined to indicate inability to perform. The County reserves the right to consider a Vendor's history of any and all types of citations and/or violations, including those relating to suspensions, debarments, or environmental regulations in determining responsibility. Vendor should submit with its solicitation response a complete history of all citations and/or violations notices and dispositions thereof. Failure of a Vendor to submit such information may be grounds for termination of any contract awarded to successful Vendor. Vendor shall notify the County immediately of notice of any citations or violations which they may receive after the opening date and during the time of performance under any contract awarded to them.

**25. Affiliated Companies Entities of the Principal(s):**

To ensure the vendor has the capability in all respects to perform fully the contract requirements, and the integrity and reliability which will assure good faith performance of the vendor, all vendors are required to disclose the names and addresses of entities with whom the principal(s) of the proposing vendor have been affiliated for a period of with over the last five (5) years from the solicitation opening deadline for the County's review of contract performance evaluations and the history of County Business Enterprise compliance with the County's Small Business Program, including CBE, DBE and SBE goal attainment requirements for all entities affiliated with the principal(s). Affiliated entities of the principal(s) are those entities related to the vendor by the sharing of stock or other means of control, including but not limited to a subsidiary, parent or sibling entity.

**26. Equal Employment Opportunity:**

No Vendor shall discriminate against any employee or applicant for employment because of race, religion, age, color, sex or national origin, sexual orientation (including but not limited to Broward County Code, Chapter 16½), marital status, political affiliation, disability, or physical or mental handicap if qualified. Vendor shall take affirmative action to ensure that applicants are employed, and that employees are treated during their employment without regard to their race, religion, age, color, sex or national origin, sexual orientation, marital status, political affiliation, disability, or physical or mental handicap. Such actions shall include, but not be limited to the following: employment, upgrading, demotion, or transfer, recruitment or recruitment advertising, layoff or termination, rates of pay or other forms of compensation; and selection of training, including apprenticeship. The Vendor agrees to post in conspicuous places available to employees and applicants for employment, notices setting forth the provisions of this non-discrimination clause.

The Vendor selected to perform work on a County project must include the foregoing or similar language in its contracts with any subcontractors or sub consultants, except that any project assisted by U.S. Department of Transportation funds shall comply with the non-discrimination requirements in Title 49 C.F.R. Parts 23 and 26. The subcontractors, if any, will be made aware of and will comply with this nondiscrimination clause. Failure to comply with above requirements is a material breach of the contract, and may result in the termination of this contract or such other remedy as the County deems appropriate.

**27. Modifications:**

All changes to purchase orders shall be by issuance of a change order. Any modifications or changes to any contract entered into as a result of this solicitation must be by written amendment with the same formality and of equal dignity prior to the initiation of any such change.

**28. Resolution of Protested Solicitations and Proposed Awards:**

In accordance with Sections 21.118 and 21.120 of the Broward County Procurement Code, if a Vendor intends to protest a solicitation or proposed award of a contract the following apply:

(a) Any protest concerning the solicitation or other solicitation specifications, or requirements

must be made and received by the County within seven (7) business days from the posting of the solicitation or addendum on the Purchasing Division's website. Such protest must be made in writing to the Director of Purchasing. Failure to timely protest solicitation specifications or requirements is a waiver of the ability to protest the specifications or requirements.

- (b) Any protest concerning a solicitation or proposed award above the authority of the Director of Purchasing, after the opening, shall be submitted in writing and received by the County within five (5) business days from the posting of the recommendation for award on the Purchasing Division's website. Such protest must be made in writing to the Director of Purchasing.
- (c) Any actual or prospective Vendor or offeror who has a substantial interest in and is aggrieved in connection with proposed award of a contract that does not exceed the amount of the award authority of the Director of Purchasing, may protest to the Director of Purchasing. The protest shall be submitted in writing and received within three (3) business days from the posting of the recommendation of award on the Purchasing Division's website.
- (d) For purposes of this section, a business day is defined as Monday through Friday between 8:30 a.m. and 5:00 p.m. Failure to timely file a protest within the time prescribed for a solicitation or proposed contract award shall be a waiver of the Vendor's right to protest.
- (e) As a condition of initiating any protest, the protestor shall present the Director of Purchasing a nonrefundable filing fee. The filing fee shall be based upon the estimated contract amount. For purposes of the protest, the estimated contract amount shall be the contract amount submitted by the protestor. If no contract amount was submitted, the estimated contract amount shall be the County's estimated contract price for the project. The County may accept cash, money order, certified check, or cashier's check, payable to Broward County Board of Commissioners. The filing fees are as follows:

Estimated Contract Amount	Filing Fee
\$30,000 - \$250,000	\$500
\$250,001 - \$500,000	\$1,000
\$500,001 - \$5 million	\$3,000
Over \$5 million	\$5,000

## 29. Public Entity Crimes Act:

Vendor represents that its response to this solicitation will not violate the Public Entity Crimes Act, Section 287.133, Florida Statutes, which essentially provides that the County, as a public entity, may not transact any business with a Vendor in excess of the threshold amount provided in Purchasing Categories, Section 287.017, Florida Statutes, for category two purchases for a period of 36 months from the date of being placed on the Convicted Vendor List. Vendor represents that its response to this solicitation is not a violation of Discrimination, Section 287.134, Florida Statutes, which essentially states that the County, as a public entity, cannot do business with an entity that is on the Discriminatory Vendor List i.e., has been found by a court to have discriminated as defined therein. Violation of this section shall result in cancellation of the County purchase and may result in debarment.

## 30. Purchase by Other Governmental Agencies:

Each governmental unit which avails itself of this contract will establish its own contract, place its own orders, issue its own purchase orders, be invoiced therefrom and make its own payments and issue its own exemption certificates as required by the Vendor. It is understood and agreed that Broward County is not a legally bound party to any contractual agreement made between any other governmental unit and the Vendor as a result of this solicitation.

**31. Public Records:**

The County is a public agency subject to Chapter 119, Florida Statutes. Any material submitted in response to this solicitation will become a public document pursuant to Section 119.071, Florida Statutes. This includes material which the responding Vendor might consider to be confidential or a trade secret. Any claim of confidentiality is waived upon submission, effective after opening pursuant to Section 119.071, Florida Statutes. As required by Chapter 119, Florida Statutes, the Contractor and all subcontractors for services shall comply with Florida's Public Records Law. Specifically, the Contractor and subcontractors shall:

- (a) Keep and maintain public records that ordinarily and necessarily would be required by the County in order to perform the service;
- (b) Provide the public with access to such public records on the same terms and conditions that the County would provide the records and at a cost that does not exceed that provided in Chapter 119, Florida Statutes, or as otherwise provided by law;
- (c) Ensure that public records that are exempt or that are confidential and exempt from public record requirements are not disclosed except as authorized by law; and
- (d) Meet all requirements for retaining public records and transfer to the County, at no cost, all public records in possession of the Vendor upon termination of the contract and destroy any duplicate public records that are exempt or confidential and exempt. All records stored electronically must be provided to the County in a format that is compatible with the information technology systems of the agency.
- (e) The failure of Contractor to comply with the provisions set forth in this Article shall constitute a Default and Breach of this Contract and the County shall enforce the Default in accordance with the provisions set forth in the General Conditions, Article 12.

**32. Audit Right and Retention Records:**

County shall have the right to audit the books, records, and accounts of awarded Vendor that are related to this contract. Vendor shall keep such books, records, and accounts as may be necessary in order to record complete and correct entries to the contract.

Vendor shall preserve and make available, at reasonable times for examination and audit by County, all financial records, supporting documents, statistical records, and any other documents pertinent to this agreement for the required retention period of the Florida Public Records Act (Chapter 119, Florida Statutes), if applicable, or if the Florida Public Records Act is not applicable, for a minimum period of three (3) years after termination of this contract. If any audit has been initiated and audit findings have not been resolved at the end of the retention period of three (3) years, whichever is longer, the books, records and accounts shall be retained until resolution of the audit findings. If the Florida Public Records Act is determined by County to be applicable to Vendor's records, Vendor shall comply with all requirements thereof; however, no confidentiality or nondisclosure requirement of either federal or state law shall be violated by Vendor. Any incomplete or incorrect entry in such books, records, and accounts shall be a basis for County's disallowance and recovery of any payment upon such entry.

**33. Procurement Code:**

The entire chapter of the Broward County Procurement Code can be obtained from the Purchasing Division's website at: [www.broward.org/purchasing](http://www.broward.org/purchasing).

**34. Ownership of Documents:**

All finished or unfinished documents, data, studies, surveys, drawings, maps, models, photographs, specifications and reports prepared or provided by Vendor in connection with this contract shall become the property of County, whether the Project for which they are made is completed or not, and shall be delivered to Contract Administrator within fifteen (15) days of the receipt of the written notice of termination. If applicable, County may withhold any payments then due to Vendor until Vendor complies with the provisions of this section.

**35. State of Florida Division of Corporations Requirements:**

It is the Vendor's responsibility to comply with all state and local business requirements. All corporations and partnerships must have the authority to transact business in the State of Florida and be in good standing with the Florida Secretary of State. For further information, contact the Florida Department of State, Division of Corporations.

The County will review the Vendor's business status based on the information provided in response to this solicitation. If the Vendor is an out-of-state or foreign corporation or partnership, the Vendor should obtain the authority to conduct business in the State of Florida.

**36. Cone of Silence Ordinance (Invitations for Bids):**

In accordance with Cone of Silence Ordinance, Section 1-266, Broward County Code of Ordinances, provides that after the advertisement of the solicitation, potential Vendors and their representatives are substantially restricted from communicating regarding the solicitation with the County Administrator, Deputy County Administrator, Assistant County Administrator, Assistants to the County Administrator, their respective support staff, or any or any staff person that is to evaluate or recommend selection in this solicitation process.

- (a) For Invitations for Bids, the Cone of Silence shall be in effect for staff involved in the award decision process at the time of the solicitation advertisement. The Cone of Silence shall be in effect for the Board of County Commissioners and their staff upon bid opening for the solicitation.
- (b) The Cone of Silence terminates when the County Commission or other awarding authority takes action which ends the solicitation.
- (c) Any violations of this ordinance by any representative of the Vendor, including owner, employee, consultant, lobbyist, or actual or potential subcontractor or subconsultant may be reported to the County's Office of Professional Standards. If there is a determination of violation, a fine shall be imposed against the Vendor as provided in the County Code of Ordinances. Additionally, a determination of violation shall render any award to a Vendor who is found to have violated the Ordinance voidable, at the sole discretion of the Board of County Commissioners.

**37. Contingency Fees:**

By submission of this solicitation response, Vendor certifies that no contingency fees (sometimes known as a finder's fee) have been paid to any person or organization other than a bona-fide employee working solely for the Vendor to secure a contract made pursuant to this solicitation. Violation of this policy may result in termination of any resultant contract and/or possible debarment of the Vendor.

**38. Local Business Tax Receipt Requirements:**

All Vendors maintaining a business address within Broward County must have a current Broward County Local Business Tax Receipt issued by the Broward County Records, Taxes and Treasury Division prior to recommendation for award. Failure to do so may result in your solicitation response being deemed non-responsive. For further information on obtaining or renewing your firm's Local Business Tax Receipt, contact the Records, Taxes and Treasury Division at (954) 357-6200.

**39. Battery Disposal:**

The Vendor must deliver, furnish, recycle and dispose of all battery products in accordance with all applicable local, state and federal laws.

**40. Dun & Bradstreet Report Requirement:**

The County may review the Vendor's rating and payment performance to assist in determining a Vendor's responsibility when being evaluated for a contract award.

**41. Code Requirements:**

The Vendor and his or her subcontractors on this project must be familiar with all applicable Federal, State, County, City and Local Laws, Regulations or Codes and be governed accordingly as they will apply to this project and the actions or operations of those engaged in the work or concerning materials used. Contractor shall ask for and receive any required inspections.

**42. Special Notice:**

In accordance with OSHA Regulation 29 CFR 1926.1101(k) (2), Vendors are notified of the presence of asbestos containing material and/or presumed asbestos containing material at some Broward County locations.

**43. Samples:**

Samples or drawings, when required, shall be free of charge. If not mutilated or destroyed in the examination, Vendor will be notified to remove same at their expense. If samples are not removed within thirty (30) calendar days after written notice to the Vendor, they shall be considered as abandoned and the County shall have the right to dispose of them as its own property.

**44. Vendor Responsibilities:**

Unless otherwise specified, Vendor will be responsible for the provision, installation and performance of all equipment, materials, services, etc. offered in their response. Vendor is in no way relieved of the responsibility for the performance of all equipment furnished, or of assuring the timely delivery of materials, equipment, etc. even though it is not of their own manufacture.

**45. Vendor Evaluation:**

The Contract Administrator will document the Vendor's performance by completing a Performance Evaluation Form. A blank Performance Evaluation Form may be viewed at: [broward.org/Purchasing/documents/vendorperformanceevaluationrequirements.pdf](http://broward.org/Purchasing/documents/vendorperformanceevaluationrequirements.pdf).

An interim performance evaluation of the successful Vendor may be submitted by the Contract Administrator during completion of the Project. A final performance evaluation shall be submitted when the Request for Final Payment to the Vendor is forwarded for approval. In either situation, the completed evaluation(s) shall be forwarded to the Director of Purchasing who shall provide a copy to the successful Vendor upon request. Said evaluation(s) may be used by the County as a factor in considering the responsibility of the Vendor for future solicitations.

**46. Warranties and Guarantees:**

The Vendor shall obtain all manufacturers' warranties and guarantees of all equipment and materials required by this solicitation and any resultant orders in the name of the Board and shall deliver same to point of delivery.

**47. "Or Equal" Clause:**

Whenever a material, article or piece of equipment is identified in the solicitation documents, including plans and specifications, by reference to manufacturers' or vendors' names, trade names, catalog numbers, or otherwise, any such reference is intended merely to establish a standard; and, unless it is followed by the words "no substitution is permitted" because of form, fit, function and quality, any material, article, or equipment of other manufacturers and vendors which will perform or serve the requirements of the general design will be considered equally acceptable provided the materials, article or equipment so proposed is, in the sole opinion of the County, equal in substance, quality, and function. The decision of the equivalent shall be determined in a reasonable manner and at the sole discretion of the County.

Bottom of Form



## VENDOR QUESTIONNAIRE

### Quotations and Invitations for Bids

The completed Vendor Questionnaire should be submitted with the solicitation response. If not submitted with solicitation response, it must be submitted within three business days of County's request. Failure to timely submit may affect may result in Vendor being deemed non-responsive.

If a response requires additional information, the Vendor should upload a written detailed response; each response should be numbered to match the question number. The completed questionnaire and attached responses will become part of the procurement record. It is imperative that the person completing the form be knowledgeable about the proposing Vendor's business and operations.

1. Legal business name:
2. Doing Business As/Fictitious Name (if applicable):
3. Federal Employer I.D. no. (FEIN):
4. Dun and Bradstreet No.:
5. Website address (if applicable):
6. Principal place of business address: 

5

6
7. Office location responsible for this project: 

5

6
8. Telephone no.:   
Fax no.:
9. Type of business (check appropriate box):
  - ☐ Corporation (specify the state of incorporation):
  - ☐ Sole Proprietor
  - ☐ Limited Liability Company (LLC)
  - ☐ Limited Partnership
  - ☐ General Partnership (State and County filled in)
  - ☐ Other – Specify
10. AUTHORIZED CONTACT(S) FOR YOUR FIRM:

Name:

Title:

E-mail:

Telephone No.:

Name:

Title:

E-mail:

Telephone No.:

Generic e-mail address for purchase orders:

(Broward County auto distributes purchase orders from its financial system. To ensure a firm receives a purchase order, it is suggested a company accessible e-mail address is used.)

11. List name and title of each principal, owner, officer, and major shareholder:

- a)
- b)
- c)
- d)

12. Affiliated Entities of the Principal(s): List the names and addresses of "affiliated entities" of the Vendor principal(s) over the last five (5) years (from the solicitation opening deadline) that have acted as a prime Vendor with the County. Affiliated entities of the principal(s) are those entities related to the vendor by the sharing of stock or other means of control, including but not limited to a subsidiary, parent or sibling entity.

- a)
- b)
- c)
- d)

13. Has your firm, its principals, officers or predecessor organization(s) been debarred or suspended by any government entity within the last three years? If yes, specify details in an attached written response. ☐ Yes ☐ No

14. Has your firm, its principals, officers or predecessor organization(s) ever been debarred or suspended by any government entity? If yes, specify details in an attached written response, including the reinstatement date, if granted. ☐ Yes ☐ No

15. Specify the type of services or commodities your firm offers:

5	6
---	---

16. How many years has your firm been in business while providing the services and/or products offered within this solicitation?

17. Is your firm's business regularly engaged in and routinely selling the product(s) or services offered within this solicitation? ☐ Yes ☐ No

18. Does your firm affirm that it is currently authorized by the manufacturer as a dealer/seller of the product(s) offered herein, and warranty offered is the manufacturer's warranty with Broward County recorded as the original purchaser? The County reserves the right to verify prior to a recommendation of award. ☐ Yes ☐ No  
N/A (if service) ☐

19. Has your firm ever failed to complete any services and/or delivery of products during the last three (3) years? If yes, specify details in an attached written response. ☐ Yes ☐ No

20. Is your firm or any of its principals or officers currently principals or officers of another organization? If yes, specify details in an attached written response. ☐ Yes ☐ No

21. Have any voluntary or involuntary bankruptcy petitions been filed by or against your firm, its parent or subsidiaries or predecessor organizations during the last three years? If yes, specify details in an attached written response. ☐ Yes ☐ No

22. Has your firm's surety ever intervened to assist in the completion of a contract or have Performance and/or Payment Bond claims been made to your firm or its predecessor's sureties during the last three years? If yes, specify details in an attached a written response, including contact information for owner and surety company. ☐ Yes ☐ No

23. If requested, will your firm extend the same price, terms and conditions to other governmental entities during the period covered by this contract? ☐ Yes ☐ No

24. Would your firm accept a Visa credit card as payment from Broward County, with no additional fees or change to bid price? Procurement Contract must be approved and designated for procurement card (p-card) by Director of Purchasing for use prior to ordering. ☐ Yes ☐ No

25. Living Wage solicitations only: In determining what, if any, fiscal impacts(s) are a result of the Ordinance for this solicitation, provide the following for informational purposes only. Response is not considered in determining the award of this contract.

Living Wage had an effect on the pricing ☐ Yes ☐ No

If yes, Living Wage increased the pricing by  % or decreased the pricing by  %.

26. Non-Collusion Certification: Vendor shall disclose, to their best knowledge, any Broward County officer or employee, or any relative of any such officer or employee as defined in Section 112.3135 (1) (c), Florida Statutes, who is an officer or director of, or has a material interest in, the Vendor's business, who is in a position to influence this procurement. Any Broward County officer or employee who has any input into the writing of specifications or requirements, solicitation of offers, decision to award, evaluation of offers, or any other activity pertinent to this procurement is presumed, for purposes hereof, to be in a position to influence this procurement. Failure of a Vendor to disclose any relationship described herein shall be reason for debarment in accordance with the provisions of the Broward County Procurement Code.

Select One:

- ☐ Vendor certifies that this offer is made independently and free from collusion; or
- ☐ Vendor is disclosing names of officers or employees who have a material interest in this procurement and is in a position to influence this procurement. Vendor must include a list of name(s), and relationship(s) with its submittal.

Questions 27 - 30 are only applicable to **service contracts** or a **construction contracts** (repair, maintain or furnish and install) solicitations:

27. What similar on-going contracts is your firm currently working on? If additional space is required, provide on

separate sheet.

5

6

28. Has your firm completely inspected the project site(s) prior to submitting response? ☐ Yes ☐ No

29. Will your firm need to rent or purchase any equipment for this contract? If yes, please specify details in an attached a written response. ☐ Yes ☐ No

30. What equipment does your firm own that is available for this contract?

5

6

31. Provide at least three (3) individuals, corporations, agencies, or institutions for which your firm has completed work of a similar nature or in which your firm sold similar commodities in the past three (3) years. Contact persons shall have personal knowledge of the referenced project/contract. Only one (1) Broward County Board of County Commissioners agency reference may be submitted. If any of the following references are inaccessible or not relevant, additional references may be requested by the County.

**Reference 1:**

Scope of Work:

Contract/Project Title:

Agency:

Contact Name/Title:

Contact Telephone:

Email:

Contract/Project Dates (Month and Year):

Contract Amount:

**Reference 2:**

Scope of Work:

Contract/Project Title:

Agency:

Contact Name/Title:

Contact Telephone:

Email:

Contract/Project Dates (Month and Year):

Contract Amount:

**Reference 3:**

Scope of Work:

Contract/Project Title:

Agency:

Contact Name/Title:

Contact Telephone:

Email:

Contract/Project Dates (Month and Year):

Contract Amount:

## **Bid Guaranty, Performance and Payment Guaranties, and Qualifications of Surety Requirements:**

- A. **Bid Guaranty:** All solicitation submittals shall be accompanied by a bid bond executed by a surety company meeting the Qualifications of Surety Requirements. Failure to submit a bid guaranty by solicitation due date and time, and in accordance with instructions will deem Vendor non-responsive.
1. In lieu of the bid bond, the following will be acceptable: cash, money order, certified check, cashier's check, an original [Bid Guaranty – Unconditional Letter of Credit](#), treasurer's check or bank draft of any national or state bank (United States). A personal check or a company check of a Vendor is not a valid bid guaranty.
  2. The bid guaranty shall be in an amount equal to five percent (5%) of the total price offered, payable to the Board of County Commissioners and conditioned upon the successful Vendor providing the Performance and Payment Guaranty, evidence of insurance, or any other requirements set forth within the solicitation, within 15 calendar days after notification of award of the contract.
  3. Guaranty of the successful Vendor shall be forfeited to the Board of County Commissioners not as a penalty, but as liquidated damages for the cost and expense incurred should said Vendor fail to provide the required Performance and Payment Guaranty or Certificate of Insurance or fail to comply with any other requirements set forth in the solicitation. Upon request, bid guaranties of unsuccessful vendors will be returned after award of contract or expiration of bid validity.
  4. Vendors must either submit an electronic bid bond through BidSync or submit an original bid guaranty to the Purchasing Division, by solicitation due date and time, or Vendor may be deemed non-responsive.
    - a. To submit an electronic bid bond, Vendor must submit through BidSync, using [Surety 2000](#). The Vendor should copy and paste the information from Bid Sync and provide to the bonding agent; the bonding agent should copy and paste information provided by Vendor into the Surety 2000 system to reduce errors. An original bid bond will not be required when the bid bond is submitted electronically through Surety 2000. Note – Vendors, bonding agents, and surety companies must be registered with Surety 2000 to use the service; contact [Surety 2000](#) to find out information regarding their service. Broward County's vendor identification number for Surety 2000 is P06145037.
    - b. To submit an original bid guaranty, in lieu of submitting an electronic bid bond through BidSync, Vendor must submit an original bid guaranty in a sealed envelope, with the solicitation number, solicitation title, date and the time of bid opening, and address listed on the envelope. A copy of the bid guaranty should also be uploaded into Bid Sync; this does not replace the requirement to have an original bid guaranty. Vendors must submit the original bid guaranty, by the solicitation due date and time, to:

Broward County Purchasing Division  
115 South Andrews Avenue, Room 212  
Fort Lauderdale, FL 33301

- B. **Performance and Payment Guaranties:** within 10 calendar days of being notified of the award of contract, Vendor shall furnish the referenced Performance Bond and a Payment Bond containing all the provisions of the [Performance Bond Form](#) and [Payment Bond Form](#).
1. The bonds shall be in the amount of fifty percent (50%) of the contract amount guaranteeing to County the completion and performance of the work covered in such Contract as well as full payment of all suppliers, material men, laborers, or subcontractors employed pursuant to this project. Such bond(s) shall be with a surety company which is qualified pursuant to the section, Qualifications of Surety.
  2. Each bond shall continue in effect for one year after completion and acceptance of the work with liability equal to one hundred percent (100%) of the Contract price, or an additional bond shall be conditioned that the Vendor will upon notification by the County, correct any defective or faulty work or materials which appear within one year after completion of the Contract.
  3. Pursuant to the requirements of Section 255.05(1), Florida Statutes, Vendor shall ensure that the bonds referenced above shall be recorded in the public records of Broward County and provide County with evidence of such recording.
  4. In lieu of the performance and payment bond, Vendor may furnish an alternate form of security which may be in the form of cash, money order, certified check, cashier's check or an original [Irrevocable Letter of Credit](#). Such alternate forms of security shall be for the same purpose and shall be subject to the same conditions as those applicable above and shall be held by the County for one year after completion and acceptance of the work.
  5. The Vendor is required at all times to have valid Performance and Payment Guaranties (or other approved security) in force covering the work being performed.
  6. The Vendor agrees to keep such Guaranties (or other security) in effect for the duration of the contract. If the contract is extended or renewed, it shall be subject to the same bonding (or other approved security) requirements.
- C. **Qualifications of Surety Requirements:** A bid bond performance bond, and payment bond must be executed by a surety company of recognized standing, authorized to do business in the State of Florida, having a resident agent in the State of Florida, and having been in business with a record of successful continuous operation for at least five years.
1. In addition to the above-minimum qualifications, the surety company must meet at least one of the following additional qualifications:
    - a. The surety company shall hold a current Certificate of Authority as acceptable surety on federal bonds in accordance with the United States Department of Treasury Circular 570, current revision. If the amount of the Bond exceeds the underwriting limitation set forth in the circular, in order to qualify, the net retention of the surety company shall not exceed the underwriting limitation in the circular and the excess risks must be protected by coinsurance, reinsurance, or other methods in accordance with Treasury Circular 297, Revised (31 DFR Section 223.10 Section 223.11). Further, the surety company shall provide the County with evidence satisfactory to the County, that such excess risk has been protected in an acceptable manner.
    - b. For bonds up to \$2 million, the surety company shall hold a current Certificate of Authority with the Florida Office of Insurance Regulation.

- c. The surety company shall have at least the following minimum ratings:

Amount of Bond			Surety Ratings	Financial Size Category
\$500,001	to	\$1,000,000	A, A-	Class I
\$1,000,001	to	\$2,000,000	A, A-	Class II
\$2,000,001	to	\$5,000,000	A	Class III
\$5,000,001	to	\$10,000,000	A	Class IV
\$10,000,001	to	\$25,000,000	A	Class V
\$25,000,001	to	\$50,000,000	A	Class VI
\$50,000,001	to	or more	A	Class VII

2. For projects which do not exceed \$500,000, the County shall accept a Bid Bond and Performance and Payment Bond from a surety company which has twice the minimum surplus and capital required by the Florida Office of Insurance Regulation at the time the solicitation is issued, if the surety company is otherwise in compliance with the provisions of the Florida Insurance Code, and if the surety company holds a currently valid Certificate of Authority issued by the United States Department of the Treasury under Section 9304 to 9308 of Title 31 of the United States Code.
3. If the surety company fails to meet the minimum standards, a bond from a surety that meets the minimum standards must be provided to satisfy the bonding requirements.

## 1. Litigation History

- A. All Vendors are required to disclose to the County all “material” cases filed, pending, or resolved during the last three (3) years prior to the solicitation response due date, whether such cases were brought by or against the Vendor, any parent or subsidiary of the Vendor, or any predecessor organization. Additionally, all Vendors are required to disclose to the County all “material” cases filed, pending, or resolved against any principal of Vendor, regardless of whether the principal was associated with Vendor at the time of the “material” cases against the principal, during the last three (3) years prior to the solicitation response. A case is considered to be “material” if it relates, in whole or in part, to any of the following:
- i. A similar type of work that the vendor is seeking to perform for the County under the current solicitation;
  - ii. An allegation of fraud, negligence, error or omissions, or malpractice against the vendor or any of its principals or agents who would be performing work under the current solicitation;
  - iii. A vendor’s default, termination, suspension, failure to perform, or improper performance in connection with any contract;
  - iv. The financial condition of the vendor, including any bankruptcy petition (voluntary and involuntary) or receivership; or
  - v. A criminal proceeding or hearing concerning business-related offenses in which the vendor or its principals (including officers) were/are defendants.
- B. For each material case, the Vendor is required to provide all information identified in the **Litigation History Form**. Additionally, the Vendor shall provide a copy of any judgment or settlement of any material case during the last three (3) years prior to the solicitation response. Redactions of any confidential portions of the settlement agreement are only permitted upon a certification by Vendor that all redactions are required under the express terms of a pre-existing confidentiality agreement or provision.
- C. The County will consider a Vendor’s litigation history information in its review and determination of responsibility.
- D. If the Vendor is a joint venture, the information provided should encompass the joint venture and each of the entities forming the joint venture.
- E. A vendor is required to disclose to the County any and all cases(s) that exist between the County and any of the Vendor’s subcontractors/subconsultants proposed to work on this project during the last five (5) years prior to the solicitation response.
- F. Failure to disclose any material case, including all requested information in connection with each such case, as well as failure to disclose the Vendor’s subcontractors/subconsultants litigation history against the County, may result in the Vendor being deemed non-responsive.



**LITIGATION HISTORY FORM**

The completed form(s) should be returned with the Vendor's submittal. If not provided with submittal, the Vendor must submit within three business days of County's request. Vendor may be deemed non-responsive for failure to fully comply within stated timeframes.

☐ There are no material cases for this Vendor; or

☐ Material Case(s) are disclosed below:

Is this for a: (check type) <input type="checkbox"/> Parent, <input type="checkbox"/> Subsidiary, or <input type="checkbox"/> Predecessor Firm?	If Yes, Name of Parent/Subsidiary/Predecessor: <input type="text"/>		
	or No <input type="checkbox"/>		
Party	Vendor is Plaintiff <input type="checkbox"/> Vendor is Defendant <input type="checkbox"/>		
Case Number, Name, and Date Filed	<input type="text"/>		
Name of Court or other tribunal	<input type="text"/>		
Type of Case	Bankruptcy <input type="checkbox"/> Civil <input type="checkbox"/> Criminal <input type="checkbox"/> Administrative/Regulatory <input type="checkbox"/>		
Claim or Cause of Action and Brief description of each Count	<input type="text"/>		
Brief description of the Subject Matter and Project Involved	<input type="text"/>		
Disposition of Case	Pending <input type="checkbox"/> Settled <input type="checkbox"/> Dismissed <input type="checkbox"/>		

(Attach copy of any applicable Judgment, Settlement Agreement and Satisfaction of Judgment.)	<p>Judgment Vendor's Favor <input type="checkbox"/> Judgment Against Vendor <input type="checkbox"/></p> <p>If Judgment Against, is Judgment Satisfied? Yes <input type="checkbox"/> No <input type="checkbox"/></p>
Opposing Counsel	<p>Name: <input type="text"/></p> <p>Email: <input type="text"/></p> <p>Telephone Number: <input type="text"/></p>

Vendor Name:

## DOMESTIC PARTNERSHIP REQUIREMENTS CERTIFICATION FORM

The completed and signed form should be returned with the Vendor's submittal. If not provided with submittal, the Vendor must submit within three business days of County's request. Vendor may be deemed non-responsive for failure to fully comply within stated timeframes.

The Domestic Partnership Act, Section 16 ½ -157, Broward County Code of Ordinances, as amended, requires all Vendors contracting with the County, in an amount over \$100,000 provide benefits to Domestic Partners of its employees, on the same basis as it provides benefits to employees spouses, with certain exceptions as provided by the Ordinance.

For all submittals over \$100,000.00, the Vendor, by virtue of the signature below, certifies that it is aware of the requirements of Broward County's Domestic Partnership Act, Section 16-½ -157, Broward County Code of Ordinances, as amended; and certifies the following: **(check only one below)**.

- ☐ 1. The Vendor currently complies with the requirements of the County's Domestic Partnership Act and provides benefits to Domestic Partners of its employees on the same basis as it provides benefits to employees spouses.
- ☐ 2. The Vendor will comply with the requirements of the County's Domestic Partnership Act at time of contract award and provide benefits to Domestic Partners of its employees on the same basis as it provides benefits to employees' spouses.
- ☐ 3. The Vendor will not comply with the requirements of the County's Domestic Partnership Act at time of award.
- ☐ 4. The Vendor does not need to comply with the requirements of the County's Domestic Partnership Act at time of award because the following exception(s) applies: **(check only one below)**.
- ☐ The Vendor employs less than five (5) employees.
- ☐ The Vendor is a governmental entity, not-for-profit corporation, or charitable organization.
- ☐ The Vendor is a religious organization, association, society, or non-profit charitable or educational institution.
- ☐ The Vendor does not provide benefits to employees' spouses.
- ☐ The Vendor provides an employee the cash equivalent of benefits. (Attach an affidavit in compliance with the Act stating the efforts taken to provide such benefits and the amount of the cash equivalent).
- ☐ The Vendor cannot comply with the provisions of the Domestic Partnership Act because it would violate the laws, rules or regulations of federal or state law or would violate or be inconsistent with the terms or conditions of a grant or contract with the United States or State of Florida. Indicate the law, statute or regulation (State the law, statute or regulation and attach explanation of its applicability).

AUTHORIZED SIGNATURE/ NAME

TITLE

DATE

## DRUG-FREE WORKPLACE REQUIREMENT CERTIFICATION FORM

The completed and signed form should be returned with the Vendor's submittal. If not provided with submittal, the Vendor must submit within three business days of County's request. Vendor may be deemed non-responsive for failure to fully comply within stated timeframes.

Section 21.31.a. of the Broward County Procurement Code requires awards of all competitive solicitations requiring Board Award be made only to firms certifying the establishment of a drug free workplace.

The undersigned vendor hereby certifies that it will provide a drug-free workplace program by:

- (1) Publishing a statement notifying its employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the offeror's workplace, and specifying the actions that will be taken against employees for violations of such prohibition;
- (2) Establishing a continuing drug-free awareness program to inform its employees about:
  - i. The dangers of drug abuse in the workplace;
  - ii. The offeror's policy of maintaining a drug-free workplace;
  - iii. Any available drug counseling, rehabilitation, and employee assistance programs; and
  - iv. The penalties that may be imposed upon employees for drug abuse violations occurring in the workplace;
- (3) Giving all employees engaged in performance of the contract a copy of the statement required by subparagraph (1);
- (4) Notifying all employees, in writing, of the statement required by subparagraph (1), that as a condition of employment on a covered contract, the employee shall:
  - i. Abide by the terms of the statement; and
  - ii. Notify the employer in writing of the employee's conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 893 or of any controlled substance law of the United States or of any state, for a violation occurring in the workplace NO later than five days after such conviction.
- (5) Notifying Broward County government in writing within 10 calendar days after receiving notice under subdivision (4) (ii) above, from an employee or otherwise receiving actual notice of such conviction. The notice shall include the position title of the employee;
- (6) Within 30 calendar days after receiving notice under subparagraph (4) of a conviction, taking one of the following actions with respect to an employee who is convicted of a drug abuse violation occurring in the workplace:
  - i. Taking appropriate personnel action against such employee, up to and including termination; or
  - ii. Requiring such employee to participate satisfactorily in a drug abuse assistance or rehabilitation program approved for such purposes by a federal, state, or local health, law enforcement, or other appropriate agency; and
- (7) Making a good faith effort to maintain a drug-free workplace program through implementation of subparagraphs (1) through (6).

**AUTHORIZED SIGNATURE/ NAME**

**TITLE**

**DATE**

## SCRUTINIZED COMPANIES LIST REQUIREMENT CERTIFICATION FORM

The completed and signed form(s) should be returned with the Vendor's submittal. If not provided with submittal, the Vendor must submit within three business days of County's request. Vendor may be deemed non responsive for failure to fully comply within stated timeframes.

Any company, principals, or owners on the Scrutinized Companies with Activities in Sudan List, the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or the Scrutinized Companies that Boycott Israel List is prohibited from submitting a response to a solicitation for goods or services in an amount equal to or greater than \$1 million.

The Vendor, by virtue of the signature below, certifies that:

- a. The Vendor, owners, or principals are aware of the requirements of Sections 287.135, 215.473, and 215.4725 Florida Statutes, regarding Companies on the Scrutinized Companies with Activities in Sudan List, the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or the Scrutinized Companies that Boycott Israel List; and
- b. The Vendor, owners, or principals, are eligible to participate in this solicitation and are not listed on either the Scrutinized Companies with Activities in Sudan List, the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or the Scrutinized Companies that Boycott Israel List; and
- c. If awarded the Contract, the Vendor, owners, or principals will immediately notify the County in writing if any of its principals are placed on the Scrutinized Companies with Activities in Sudan List, the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or the Scrutinized Companies that Boycott Israel List.

**Authorized  
Signature/Name**

**Title**

**Vendor Name**

**Date**

## SUBCONTRACTORS/SUBCONSULTANTS/SUPPLIERS REQUIREMENT FORM

The completed and signed form(s) should be returned with the Vendor's submittal. If not provided with submittal, the Vendor must submit within three business days of County's request. Vendor may be deemed non-responsive for failure to fully comply within stated timeframes.

- A. The Vendor shall submit a listing of all subcontractors, subconsultants and major material suppliers (firms), if any, and the portion of the contract they will perform. A major material supplier is considered any firm that provides construction material for construction contracts, or commodities for service contracts in excess of \$50,000, to the Vendor.
- B. If participation goals apply to the contract, only non-certified firms shall be identified on the form. A non-certified firm is a firm that is not listed as a firm for attainment of participation goals (ex. County Business Enterprise or Disadvantaged Business Enterprise), if applicable to the solicitation.
- C. This list shall be kept up-to-date for the duration of the contract. If subcontractors, subconsultants or suppliers are stated, this does not relieve the Vendor from the prime responsibility of full and complete satisfactory performance under any awarded contract.
- D. After completion of the contract/final payment, the Vendor shall certify the final list of non-certified subcontractors, subconsultants, and suppliers that performed or provided services to the County for the referenced contract.
- E. The Vendor has confirmed that none of the recommended subcontractors, subconsultants, or suppliers' principal(s), officer(s), affiliate(s) or any other related companies have been debarred from doing business with Broward County or any other governmental agency.

If none, state "none" on this form. Use additional sheets as needed. Vendor should scan and upload any additional form(s) in BidSync.

1. Subcontracted Firm's Name:

-

Subcontracted Firm's Address:

Subcontracted Firm's Telephone Number:

-

Contact Person's Name and Position:

Contact Person's E-Mail Address:

Estimated Subcontract/Supplies Contract Amount:

Type of Work/Supplies Provided:

-

2. Subcontracted Firm's Name:

-

Subcontracted Firm's Address:

Subcontracted Firm's Telephone Number:

-

Contact Person's Name and Position:

Contact Person's E-Mail Address:

Estimated Subcontract/Supplies Contract Amount:

Type of Work/Supplies Provided:

3. Subcontracted Firm's Name:

Subcontracted Firm's Address:

Subcontracted Firm's Telephone Number:

Contact Person's Name and Position:

Contact Person's E-Mail Address:

Estimated Subcontract/Supplies Contract Amount:

Type of Work/Supplies Provided:

4. Subcontracted Firm's Name:

Subcontracted Firm's Address:

Subcontracted Firm's Telephone Number:

Contact Person's Name and Position:

Contact Person's E-Mail Address:

Estimated Subcontract/Supplies Contract Amount:

Type of Work/Supplies Provided:

I certify that the information submitted in this report is in fact true and correct to the best of my knowledge.

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Authorized Signature/Name	Title	Vendor Name	Date

**TRENCH SAFETY ACT REQUIREMENT FORM**

The completed and signed form(s) should be returned with the Vendor's submittal. If not provided with submittal, the Vendor must submit within three business days of County's request. Vendor may be deemed non-responsive for failure to fully comply within stated timeframes.

Florida Trench Safety Act, Section 553.60, Florida Statutes, incorporates the Occupational Safety & Health Administration (OSHA) excavation safety standards, 29 C.F.R Section 1926.650, as Florida's own standards. The Trench Safety Act will apply to any individual project that has trenches in excess of 5 feet deep.

The Vendor, by virtue of the solicitation submission, affirms that the Vendor is aware of this Act, and will comply with all applicable trench safety standards, including any special shoring requirements, if applicable. Such assurance shall be legally binding on all persons employed by the Vendor and subcontractors.

The Vendor is also obligated to identify the anticipated method and cost of compliance with the applicable trench safety standards. The Vendor further identified the costs and methods summarized below: (fill in either Open-End or Fixed Contract section)

**Open-end Contract:**

Description	Unit of Measure	Unit Price	Method
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Special Shoring, if applicable:

SQ. FT.

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

**Fixed Contract:**

Description	Unit of Measure	Quantity	Unit Price	Ext. Price	Method
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Special Shoring, if applicable:

SQ. FT.

Unit Price

Method

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Total \$

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>Authorized Signature/Name</b>	<b>Title</b>	<b>Vendor Name</b>	<b>Date</b>



## Workforce Investment Program Requirements:

- A. In accordance with Broward County Workforce Investment Program, Administrative Code, Section 19.211, the Workforce Investment Program (Program) this solicitation is a covered contract if the open-end contract award value exceeds \$500,000 per year or if the individual project value exceeds \$500,000 under a fixed-term contract. The Program encourages Vendors to utilize CareerSource Broward (CareerSource) and their contract partners as a first source for employment candidates for work on County-funded projects, and encourages investment in Broward County economic development through the hiring of economically disadvantaged or hard-to-hire individuals.
- B. Compliance with the Program, including compliance with First Source Referral and the Qualifying New Hires goals, is a matter of responsibility. Vendor should submit the **Workforce Investment Program Certification Form** with its response. If not provided with solicitation submittal, the Vendor must supply within three business days of County's request. Vendor may be deemed non-responsible for failure to comply within stated timeframes.
- C. The following is a summary of requirements contained in the Program. This summary is not all-inclusive of the requirements of the Program. If there is any conflict between the following summary and the language in the Program, the language in the Program shall prevail. In compliance with the Program, Vendor (and/or its subcontractors) shall agree to:
  1. be bound to contractual obligations under the contract;
  2. use good faith efforts to meet First Source Referral goal for vacancies that result from award of this contract;
  3. publicly advertise any vacancies that are the direct result of this contract, exclusively with CareerSource for at least five (5) business days;
  4. review qualifications of CareerSource's Qualified Referrals and use good faith efforts to interview Qualified Referrals that appear to meet the required qualifications;
  5. use good faith efforts to hire Qualifying New Hires (as defined by the Program) for at least fifty percent (50%) of the vacancies (rounded up) that are the direct result of this contract;
  6. obtain a hired worker's written certification, attesting to a status as a Qualifying New Hire, Economically Disadvantaged Worker, or Hard-to-Hire worker (if applicable);
  7. retain records relating to Program requirements, including: records of all applicable vacancies; job order requests to CareerSource; qualified referral lists; and records of candidates interviewed and the outcome of the interviews.
  8. provide to the County any documents and records demonstrating Vendor's compliance and good faith efforts to comply with the Program;
  9. submit to the County an annual report by January 31<sup>st</sup> and within 30 days of contract completion or expiration; and
  10. ensure that all of its subcontractors comply with the requirements of the Program.

- D. Further information about the Program, Vendor's obligations, and the Qualifying New Hire's certification form may be obtained on the Office of Economic and Small Business Development website:

[broward.org/econdev/Pages/WorkforceInvestmentProgram.aspx](http://broward.org/econdev/Pages/WorkforceInvestmentProgram.aspx). Vendor is responsible for reading and understanding requirements of the Program.

- E. Subcontractors: Vendor's subcontractors shall use good faith efforts to meet the First Source Referral and the Qualifying New Hires goals, in accordance with the Program. The Vendor shall include in any subcontracts a requirement that the all subcontractors comply with the Program requirements. The Vendor shall be responsible for compliance by any subcontractor with the Program as it applies to their subcontract.
- F. Reporting: Vendor shall maintain and make available to County upon request all records documenting Vendor's compliance and its subcontractors' compliance with the requirements of the Program, and shall submit the required reports to the Contract Administrator annually by January 31 and within thirty (30) days after the conclusion of this contract. Failure to timely comply with reporting requirements shall constitute a material breach of this contract.
- G. Evaluation: The Contract Administrator will document the Vendor's compliance and good faith efforts as part of the Vendor's Performance Evaluation.
- H. Failure to demonstrate good faith efforts to meet the First Source Referral and the Qualifying New Hires goal shall constitute a material breach of this contract.

## WORKFORCE INVESTMENT PROGRAM CERTIFICATION FORM

This form(s) should be returned with the Vendor's submittal. If not provided with solicitation submittal, the Vendor must supply information within three business days of County's request. Vendor may be deemed non-responsible for failure to comply within stated timeframes.

In accordance with the Workforce Investment Program:

(Vendor) agrees to be bound to the contractual obligations of the Workforce Investment Program, Broward County Administrative Code Section 19.211, requiring our firm to use good faith efforts to meet the First Source Referral Goal and the Qualifying New Hires Goal.

The statement must be signed by an authorized signatory of the firm. Receipt of the signed statement from the Vendor is a matter of responsibility. A firm not offering an affirmative response in this regard will be found "non-responsible" to the solicitation and not eligible for further evaluation or award.

AUTHORIZED SIGNATURE/NAME

TITLE

DATE

## Office of Economic and Small Business Requirements: CBE Goal Participation

- A. In accordance with the Broward County Business Opportunity Act of 2012, Section 1-81, Code of Ordinances, as amended (the "Business Opportunity Act"), the County Business Enterprise (CBE) Program is applicable to this contract. All Vendors responding to this solicitation are required to utilize CBE firms to perform the assigned participation goal for this contract.
- B. The CBE participation goal will be established based on the expected expenditure amount for the proposed scope of services for the project. The Office of Economic and Small Business Development (OESBD) will not include alternate items, optional services or allowances when establishing the CBE participation goal. If the County subsequently chooses to award any alternate items, optional services or allowances as determined by OESBD and the Contract Administrator to be related to the scope of services, OESBD may apply the established CBE participation goal. In such an instance, the County will issue a written notice to the successful Vendor that the CBE participation goal will also apply to the alternate items, optional services or allowances. Vendor shall submit all required forms pertaining to its compliance with the CBE participation goal, as applicable. Failure by Vendor to submit the required forms may result in the rejection of Vendor's solicitation submittal prior to the award or failure to comply with the contract requirements may have an impact on the vendor performance evaluation post award, as applicable.
- C. CBE Program Requirements: Compliance with CBE participation goal requirements is a matter of responsibility; Vendor should submit all required forms and information with its solicitation submittal. If the required forms and information are not provided with the Vendor's solicitation submittal, then Vendor must supply the required forms and information no later than three (3) business days after request by OESBD. Vendor may be deemed non-responsible for failure to fully comply with CBE Program Requirements within these stated timeframes.
1. Vendor should include in its solicitation submittal a **Letter Of Intent Between Bidder/Offeror and County Business Enterprise (CBE) Subcontractor/Supplier** for each CBE firm the Vendor intends to use to achieve the assigned CBE participation goal. The form is available at the following link:  
<http://www.broward.org/EconDev/Documents/CBELetterOfIntent.pdf>
  2. If Vendor is unable to attain the CBE participation goal, Vendor should include in its solicitation submittal an **Application for Evaluation of Good Faith Efforts** and all of the required supporting information. The form is available at the following link:  
<http://www.broward.org/EconDev/WhatWeDo/Documents/GoodFaithEffortEval.pdf>
- D. OESBD maintains an online directory of CBE firms. The online directory is available for use by Vendors at <https://webapps4.broward.org/smallbusiness/sbdirectory.aspx>.
- E. For detailed information regarding the CBE Program contact the OESBD at (954) 357-6400 or visit the website at: <http://www.broward.org/EconDev/SmallBusiness/>
- F. If awarded the contract, Vendor agrees to and shall comply with all applicable requirements of the Business Opportunity Act and the CBE Program in the award and administration of the contract.
1. No party to this contract may discriminate on the basis of race, color, sex, religion, national origin, disability, age, marital status, political affiliation, sexual orientation,

pregnancy, or gender identity and expression in the performance of this contract.

2. All entities that seek to conduct business with the County, including Vendor or any Prime Contractors, Subcontractors, and Bidders, shall conduct such business activities in a fair and reasonable manner, free from fraud, coercion, collusion, intimidation, or bad faith. Failure to do so may result in the cancellation of this solicitation, cessation of contract negotiations, revocation of CBE certification, and suspension or debarment from future contracts.
3. If Vendor fails to meet or make Good Faith Efforts (as defined in the Business Opportunity Act) to meet the CBE participation commitment (the "Commitment"), then Vendor shall pay the County liquidated damages in an amount equal to fifty percent (50%) of the actual dollar amount by which Vendor failed to achieve the Commitment, up to a maximum amount of ten percent (10%) of the total contract amount, excluding costs and reimbursable expenses. An example of this calculation is stated in Section 1-81.7, Broward County Code of Ordinances.
4. Vendor shall comply with all applicable requirements of the Business Opportunity Act in the award of this contract. Failure by Vendor to carry out any of these requirements shall constitute a material breach of the contract, which shall permit the County to terminate this contract or to exercise any other remedy provided under this contract, the Broward County Code of Ordinances, the Broward County Administrative Code, or other applicable laws, with all such remedies being cumulative.
5. Vendor shall pay its CBE subcontractors and suppliers, within fifteen (15) days following receipt of payment from the County, for all completed subcontracted work and supplies. If Vendor withholds an amount from CBE subcontractors or suppliers as retainage, such retainage shall be released and paid within fifteen (15) days following receipt of payment of retained amounts from the County.
6. Vendor understands that the County will monitor Vendor's compliance with the CBE Program requirements. Vendor must provide OESBD with a Monthly Utilization Report (MUR) to confirm its compliance with the Commitment agreed to in the contract; timely submission of the MUR every month throughout the term of the contract, including amendment and extension terms, is a condition precedent to the County's payment of Vendor under the contract.

## LOCAL BUSINESS OR LOCALLY-HEADQUARTERED BUSINESS CERTIFICATION FORM

The completed and signed form and a copy of business's local business tax receipt (or if exempt, documentation establishing physical presence at location for one year prior to bid submission) should be returned with the Vendor's submittal. If not provided with submittal, the Vendor must submit within three business days of County's request. Failure to timely submit may render the business ineligible for application of the Local Preference.

This form is used to determine bidder's eligibility for Local Preference, in accordance with Section 1-74, et. seq., Broward County Code of Ordinances.

If the low, responsive and responsible bidder is not a local or a locally-headquartered business, any and all eligible local businesses submitting a price within ten percent (10%) of the non-local low responsive and responsible bidder, and any and all eligible locally-headquartered businesses submitting a price within fifteen percent (15%) of the non-local low responsive and responsible bidder, then all eligible bidders shall have an opportunity to submit a best and final bid, equal to or lower than the low bid.

If the low responsive and responsible bidder is a local business, but not a locally-headquartered business, then any and all locally-headquartered businesses submitting a bid price within five percent (5%) of the local low bidder shall have an opportunity to submit a best and final bid equal to or lower than the low bid.

Bidders must be determined responsive and responsible prior to submitting a best and final bid. Award, if any, shall be made to the responsive and responsible bidder offering the lowest best and final bid, regardless of location.

A Local Business is a business which:

- A. possesses a valid local business tax receipt (or if exempt, documentation establishing physical presence at location) issued at least one year prior to bid submission;
- B. has a physical business address located within Broward County which the business operates or performs business;
- C. is in an area zoned for the conduct of the business; and
- D. provides a substantial component of goods and/or services being offered from that location.

A Locally-Headquartered Business is a local business which has its principal place of business in Broward County. A principal place of business is defined as the nerve center of overall direction, control, and coordination of activities of the business. If a business only has one location, the location shall be considered the principle place of business.

Vendor shall check all that apply. Vendor hereby certifies it is a:

☐ Local Business ☐ Locally-Headquartered Business

Local or Locally-Headquartered Business

Address:

☐ Vendor is not a Local Business or Locally-Headquartered Business in Broward County

**AUTHORIZED  
SIGNATURE/ NAME**

**TITLE**

**COMPANY**

**DATE**



Broward County Board of  
 County Commissioners

General Decision Number: FL190160 01/04/2019 FL160

Superseded General Decision Number: FL20180203

State: Florida

Construction Type: Highway

County: Broward County in Florida.

HIGHWAY CONSTRUCTION PROJECTS

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.60 for calendar year 2019 applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.60 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2019. If this contract is covered by the EO and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must pay workers in that classification at least the wage rate determined through the conformance process set forth in 29 CFR 5.5(a)(1)(ii) (or the EO minimum wage rate, if it is higher than the conformed wage rate). The EO minimum wage rate will be adjusted annually. Please note that this EO applies to the above-mentioned types of contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but it does not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(2)-(60). Additional information on contractor requirements and worker protections under the EO is available at [www.dol.gov/whd/govcontracts](http://www.dol.gov/whd/govcontracts).

Modification Number	Publication Date
0	01/04/2019

\* SUFL2013-021 08/19/2013

	Rates	Fringes
CARPENTER.....	\$ 16.05	0.00
CEMENT MASON/CONCRETE FINISHER, Includes Form Work.....	\$ 15.31	0.00
ELECTRICIAN.....	\$ 22.15	0.00
FENCE ERECTOR.....	\$ 12.82	0.00
HIGHWAY/PARKING LOT STRIPING: Operator (Striping Machine).....	\$ 15.75	0.00
HIGHWAY/PARKING LOT STRIPING: Painter.....	\$ 12.13	0.00
HIGHWAY/PARKING LOT STRIPING: Operator (Spray Nozzleman).....	\$ 11.94	0.00



Broward County Board of  
 County Commissioners

INSTALLER - GUARDRAIL.....	\$ 12.37	0.00
IRONWORKER, ORNAMENTAL.....	\$ 13.48	0.00
IRONWORKER, REINFORCING.....	\$ 16.84	0.00
IRONWORKER, STRUCTURAL.....	\$ 16.42	0.00
LABORER (Traffic Control Specialist incl. placing of cones/barricades/barrels - Setter, Mover, Sweeper).....	\$ 11.57	0.00
LABORER: Asphalt, Includes Raker, Shoveler, Spreader and Distributor.....	\$ 11.84	0.00
LABORER: Common or General.....	\$ 10.76	0.00
LABORER: Flagger.....	\$ 12.53	0.00
LABORER: Grade Checker.....	\$ 12.41	0.00
LABORER: Landscape & Irrigation.....	\$ 9.12	0.00
LABORER: Mason Tender - Cement/Concrete.....	\$ 13.91	3.50
LABORER: Pipelayer.....	\$ 14.61	0.00
OPERATOR: Backhoe/Excavator/Trackhoe.....	\$ 15.43	0.00
OPERATOR: Bobcat/Skid Steer/Skid Loader.....	\$ 12.88	0.00
OPERATOR: Boom.....	\$ 18.50	0.00
OPERATOR: Boring Machine.....	\$ 17.33	0.00
OPERATOR: Broom/Sweeper.....	\$ 13.41	0.00
OPERATOR: Bulldozer.....	\$ 17.07	0.00
OPERATOR: Concrete Finishing Machine.....	\$ 15.44	0.00
OPERATOR: Concrete Saw.....	\$ 13.76	0.00
OPERATOR: Crane.....	\$ 19.14	0.00
OPERATOR: Curb Machine.....	\$ 21.33	0.00
OPERATOR: Distributor.....	\$ 13.13	0.00
OPERATOR: Drill.....	\$ 14.78	0.00
OPERATOR: Forklift.....	\$ 16.32	0.00
OPERATOR: Gradall.....	\$ 14.71	0.00
OPERATOR: Grader/Blade.....	\$ 18.98	0.00
OPERATOR: Loader.....	\$ 13.84	0.00

Broward County Board of  
 County Commissioners

OPERATOR: Mechanic.....	\$ 18.03	0.00
OPERATOR: Milling Machine.....	\$ 14.89	0.00
OPERATOR: Oiler.....	\$ 16.32	0.00
OPERATOR: Paver (Asphalt, Aggregate, and Concrete).....	\$ 14.34	0.00
OPERATOR: Piledriver.....	\$ 17.23	0.00
OPERATOR: Post Driver (Guardrail/Fences).....	\$ 13.71	0.00
OPERATOR: Roller.....	\$ 13.10	0.00
OPERATOR: Scraper.....	\$ 12.01	0.00
OPERATOR: Screed.....	\$ 14.85	0.00
OPERATOR: Tractor.....	\$ 12.62	0.00
OPERATOR: Trencher.....	\$ 14.58	0.00
PAINTER: Spray.....	\$ 16.52	0.00
SIGN ERECTOR.....	\$ 14.23	0.00
TRAFFIC SIGNALIZATION: Traffic Signal Installation.....	\$ 14.74	0.00
TRUCK DRIVER: Distributor Truck.....	\$ 14.96	2.17
TRUCK DRIVER: Dump Truck.....	\$ 11.71	0.00
TRUCK DRIVER: Flatbed Truck.....	\$ 14.28	0.00
TRUCK DRIVER: Lowboy Truck.....	\$ 14.06	0.00
TRUCK DRIVER: Slurry Truck.....	\$ 11.96	0.00
TRUCK DRIVER: Vactor Truck.....	\$ 14.21	0.00
TRUCK DRIVER: Water Truck.....	\$ 13.22	0.00

-----

WELDERS - Receive rate prescribed for craft performing  
 operation to which welding is incidental.

=====

Note: Executive Order (EO) 13706, Establishing Paid Sick Leave  
 for Federal Contractors applies to all contracts subject to the  
 Davis-Bacon Act for which the contract is awarded (and any  
 solicitation was issued) on or after January 1, 2017. If this  
 contract is covered by the EO, the contractor must provide  
 employees with 1 hour of paid sick leave for every 30 hours  
 they work, up to 56 hours of paid sick leave each year.  
 Employees must be permitted to use paid sick leave for their  
 own illness, injury or other health-related needs, including  
 preventive care; to assist a family member (or person who is  
 like family to the employee) who is ill, injured, or has other  
 health-related needs, including preventive care; or for reasons  
 resulting from, or to assist a family member (or person who is

like family to the employee) who is a victim of domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at [www.dol.gov/whd/govcontracts](http://www.dol.gov/whd/govcontracts).

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

-----

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

#### Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than "SU" or "UAVG" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

#### Survey Rate Identifiers

Classifications listed under the "SU" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

#### Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate

that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

---

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- \* an existing published wage determination
- \* a survey underlying a wage determination
- \* a Wage and Hour Division letter setting forth a position on a wage determination matter
- \* a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations  
Wage and Hour Division  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

Broward County Board of  
County Commissioners

4.) All decisions by the Administrative Review Board are final.

=====

END OF GENERAL DECISION

**Insurance Requirements: (Refer to the Insurance Requirement Form)**

- A. The insurance requirement designated in the **Insurance Requirement Form** indicates the minimum coverage required for the scope of work, as determined by the Risk Management Division. Vendor shall provide verification of compliance such as a Certificate of Insurance, or a letter of verification from the Vendor's insurance agent/broker, which states the ability of the Vendor to meet the requirements upon award. The verification must be submitted within three business days of County's request. Vendor may be deemed non-responsive for failure to fully comply within stated timeframes. Final award shall be subject to receipt and acceptance by the County of proof of meeting all insurance requirements of the bid.
- B. Without limiting any of the other obligations or liabilities of Vendor, Vendor shall provide, pay for, and maintain on a primary basis in force until all of its work to be performed under this Contract has been completed and accepted by County (or for such duration specified), at least the minimum insurance coverage and limits set forth in the Insurance Requirement Form under the following conditions listed below. If a limit or policy is not indicated on Insurance Requirement certificate by a checked box, it is not required as a condition of this contract.
1. Commercial General Liability with minimum limits per occurrence, combined single limit for bodily injury and property damage, and when indicated a minimum limit per aggregate. County is to be expressly included as an Additional Insured in the name of Broward County arising out of operations performed for the County, by or on behalf of Vendor, or acts or omissions of Vendor in connection with general supervision of such operation. If Vendor uses a subcontractor, then Vendor shall require that subcontractor names County as an Additional Insured.
  2. Business Automobile Liability with minimum limits per occurrence, combined single limit for bodily injury and property damage. Scheduled autos shall be listed on Vendor's certificate of insurance. County is to be named as an additional insured in the name of Broward County.

Note: Insurance requirements for Automobile Liability are not applicable where delivery will be made by a third party carrier. All vendors that will be making deliveries in their own vehicles are required to provide proof of insurance for Automobile Liability and other pertinent coverages as indicated on the Insurance Requirement certificate, prior to award. If deliveries are being made by a third party carrier, other pertinent coverages listed on the Insurance Requirement certificate are still required.

Vendor should indicate how product is being delivered:

Vendor Name:

Company Vehicle: Yes ☐ or No ☐

If Common Carrier (indicate carrier):

Other:

3. Workers' Compensation insurance to apply for all employees in compliance with Chapter 440, the "Workers' Compensation Law" of the State of Florida and all applicable federal

laws. The policy must include Employers' Liability with minimum limits each accident. If any operations are to be undertaken on or about navigable waters, coverage must be included for the U.S. Longshoremen & Harbor Workers Act and Jones Act.

4. Excess Liability/Umbrella Insurance may be used to satisfy the minimum liability limits required; however, the annual aggregate limit shall not be less than the highest "each occurrence" limit for the underlying liability policy. Vendor shall endorse County as an Additional Insured unless the policy provides coverage on a pure/true "Follow-form" basis.
5. Builder's Risk or equivalent coverage (such as Property Insurance or Installation Floater) is required as a condition precedent to the issuance of the Second Notice to Proceed for projects involving but not limited to: changes to a building's structural elements, work compromising the exterior of the building for any extended period of time, installation of a large single component, or remodeling where the cost of remodeling is 20% or more the value of the property. Coverage shall be, "All Risks" Completed Value form with a deductible not to exceed Ten Thousand Dollars (\$10,000.00) each claim for all perils except for wind and flood.
6. For the peril of wind, the Vendor shall maintain a deductible that is commercially feasible which does not exceed five percent (5%) of the value of the Contract price. Such Policy shall reflect Broward County as an additional loss payee.
7. For the peril of flood, coverage must be afforded for the lesser of the total insurable value of such buildings or structures, and the maximum amount of flood insurance coverage available under the National Flood Program. Vendor shall maintain a deductible that is commercially feasible and does not exceed five percent (5%) of the value of the Contract price. Such Policy shall reflect Broward County as an additional loss payee.
8. The County reserves the right to provide Property Insurance covering the Project, materials, equipment and supplies intended for specific installation in the Project while such materials, equipment and supplies are located at the Project site, in transit, or while temporarily located away from the Project site. This coverage will not cover any of the Vendor's or subcontractors' tools, equipment, machinery or provide any business interruption or time element coverage to the Vendor(s).
9. If the County decides to purchase Property Insurance or provide for coverage under its existing insurance policy for this Project, then the insurance required to be carried by the Vendor may be modified to account for the insurance being provided by the County. Such modification may also include execution of Waiver of Subrogation documentation.
10. In the event that a claim occurs for this Project and is made upon the County's insurance policy, for other than a windstorm, Vendor will pay at least Ten Thousand Dollars (\$10,000.00) of the deductible amount for such claim.
11. Waiver of Occupancy Clause or Warranty: Policy must be specifically endorsed to eliminate any "Occupancy Clause" or similar warranty or representation that the building (s), addition(s) or structure(s) in the course of construction shall not be occupied without specific endorsement of the policy. The Policy must be endorsed to provide that the Builder's Risk coverage will continue to apply until final acceptance by County.
12. Pollution Liability or Environmental Impairment Liability: including clean-up costs, with minimum limits per claim, subject to a maximum deductible per claim. Such policy shall remain in force for the minimum length of time indicated, include an annual policy aggregate and name Broward County as an Additional Insured. Vendor shall be responsible for all deductibles in the event of a claim.

13. Professional Liability Insurance with minimum limits for each claim, subject to a maximum deductible per claim. Such policy shall remain in force for the minimum length of time indicated. Vendor shall notify County in writing within thirty (30) days of any claim filed or made against its Professional Liability Insurance policy. Vendor shall be responsible for all deductibles in the event of a claim. The deductible shall be indicated on the Vendor's Certificate of Insurance.

- C. Coverage must be afforded on a form no more restrictive than the latest edition of the respective policy form as filed by the Insurance Services Office. If the initial insurance expires prior to the completion and acceptance of the Work, renewal certificates shall be furnished upon expiration. County reserves the right to obtain a certified copy of any insurance policy required by this Section within fifteen (15) calendar days of a written request by County.
- D. Notice of Cancellation and/or Restriction: the policy(ies) must be endorsed to provide Broward County with at least thirty (30) days' notice of cancellation and/or restriction.
- E. The official title of the Certificate Holder is Broward County. This official title shall be used in all insurance documentation.
- F. Broward County's Risk Management Division reserves the right, but not the obligation, to review and revise any insurance requirements at the time of contract renewal and/or any amendments, not limited to deductibles, limits, coverages and endorsements based on insurance market conditions affecting the availability or affordability of coverage; or changes in the scope of work/specifications affecting the applicability of coverage.



## INSURANCE REQUIREMENTS

Project: Roadway, Drainage, Traffic and Miscellaneous Construction  
Agency: Highway Construction and Engineering Division

TYPE OF INSURANCE	ADDL INSD	SUBR WVD	MINIMUM LIABILITY LIMITS		
				Each Occurrence	Aggregate
<b>GENERAL LIABILITY - Broad form</b> <input checked="" type="checkbox"/> Commercial General Liability <input checked="" type="checkbox"/> Premises-Operations <input checked="" type="checkbox"/> XCU Explosion/Collapse/Underground <input checked="" type="checkbox"/> Products/Completed Operations Hazard <input checked="" type="checkbox"/> Contractual Insurance <input checked="" type="checkbox"/> Broad Form Property Damage <input checked="" type="checkbox"/> Independent Contractors <input checked="" type="checkbox"/> Personal Injury <b>Per Occurrence or Claims-Made:</b> <input checked="" type="checkbox"/> Per Occurrence <input type="checkbox"/> Claims-Made <b>Gen'l Aggregate Limit Applies per:</b> <input type="checkbox"/> Project <input type="checkbox"/> Policy <input type="checkbox"/> Loc. <input type="checkbox"/> Other _____	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Bodily Injury Property Damage Combined Bodily Injury and Property Damage Personal Injury Products & Completed Operations	\$1,000,000 \$2,000,000	
<b>AUTO LIABILITY</b> <input checked="" type="checkbox"/> Comprehensive Form <input checked="" type="checkbox"/> Owned <input checked="" type="checkbox"/> Hired <input checked="" type="checkbox"/> Non-owned <input checked="" type="checkbox"/> Any Auto, If applicable <i>Note: May be waived if no driving will be done in performance of services/project.</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Bodily Injury (each person) Bodily Injury (each accident) Property Damage Combined Bodily Injury and Property Damage	\$500,000	
<input type="checkbox"/> <b>EXCESS LIABILITY / UMBRELLA</b> <b>Per Occurrence or Claims-Made:</b> <input type="checkbox"/> Per Occurrence <input type="checkbox"/> Claims-Made <i>Note: May be used to supplement minimum liability coverage requirements.</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
<input checked="" type="checkbox"/> <b>WORKER'S COMPENSATION</b> <i>Note: U.S. Longshoremen &amp; Harbor Workers' Act &amp; Jones Act is required for any activities on or about navigable water.</i>	N/A	<input type="checkbox"/>	Each Accident	STATUTORY LIMITS	
<input checked="" type="checkbox"/> <b>EMPLOYER'S LIABILITY</b>			Each Accident	\$500,000	
<input checked="" type="checkbox"/> <b>POLLUTION / ENVIRONMENTAL LIABILITY</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	If claims-made form: Extended Reporting Period of: *Maximum Deductible:	\$1,000,000 2 years \$25,000	
<input checked="" type="checkbox"/> <b>PROFESSIONAL LIABILITY (ERRORS &amp; OMISSIONS)</b> * All engineering, surveying and design professionals.	N/A	<input checked="" type="checkbox"/>	If claims-made form: Extended Reporting Period of: *Maximum Deductible:		
<input checked="" type="checkbox"/> Installation floater is required if Builder's Risk or Property are not carried. <i>Note: Coverage must be "All Risk", Completed Value.</i>			*Maximum Deductible (Wind and/or Flood): *Maximum Deductible:	Not to exceed 5% of completed value \$10 k	Completed Value
<b>Description of Operations:</b> "Broward County" shall be listed as Certificate Holder and endorsed as an additional insured for liability, except as to Professional Liability. County shall be provided 30 days written notice of cancellation, 10 days' notice of cancellation for non-payment. Contractors insurance shall provide primary coverage and shall not require contribution from the County, self-insurance or otherwise. Any self-insured retention (SIR) higher than the amount permitted in this Agreement must be declared to and approved by County and may require proof of financial ability to meet losses. Contractor is responsible for all coverage deductibles unless otherwise specified in the agreement.					

## CERTIFICATE HOLDER:

Broward County  
115 South Andrews Avenue  
Fort Lauderdale, Florida 33301



Digitally signed by TIMOTHY CROWLEY  
DN: dc=cty, dc=broward, dc=bc,  
ou=Organization, ou=BCC, ou=RM,  
ou=Users, cn=TIMOTHY CROWLEY  
Date: 2018.12.03 17:31:18 -0500

Risk Management Division

## Question and Answers for Bid #PNC2119323B1 - Roadway, Drainage, Traffic Miscellaneous Cons.

### Overall Bid Questions

#### Question 1

What is the estimated budget? (Submitted: Sep 19, 2019 10:20:11 AM EDT)

#### Answer

- The estimated budget is \$20 Million for first two years. (Answered: Sep 20, 2019 7:37:34 AM EDT)

#### Question 2

Will you please provide the previous contracts bid tabulation as well as the work orders associated with the prior project? (Submitted: Sep 19, 2019 12:22:22 PM EDT)

#### Answer

- This contract is not replacing a previous contract. However, County may have similar contracts that may be found by searching this link: [https://www.broward.org/Purchasing/Documents/MA\\_Report.pdf](https://www.broward.org/Purchasing/Documents/MA_Report.pdf). The individual specifications for similar contracts may be different from what is being requested in this bid. In addition, the bid line items in similar contracts are not line for line. (Answered: Sep 25, 2019 3:16:57 PM EDT)

#### Question 3

There is no individual line items for mobilization or general conditions, will the County be adding these items? (Submitted: Sep 23, 2019 9:15:33 AM EDT)

#### Answer

- No, Contractor should include any costs for mobilization/general conditions in the individual bid items. (Answered: Sep 25, 2019 3:16:57 PM EDT)

#### Question 4

Are there Buy American, Domestic Manufacture, American Iron & Steel requirements for this project? (Submitted: Sep 24, 2019 1:35:55 PM EDT)

#### Answer

- No. (Answered: Sep 25, 2019 3:16:57 PM EDT)

Question Deadline: Oct 9, 2019 5:00:00 PM EDT