

**DEPARTMENTAL INPUT  
CONTRACT/PROJECT MEASURE ANALYSIS AND RECOMMENDATION**

New  OTR  Sole Source  Bid Waiver  Emergency  Previous Contract/Project No. 8800-0/17  
 Contract  Re-Bid  Other  LIVING WAGE APPLIES:  YES  NO  
 Requisition No./Project No.: RQID1600070 TERM OF CONTRAC 60 MONTHS(S) WITH 0 YEAR(S) OTR

Requisition /Project Title: **INTERNALLY ILLUMINATED STREET NAME SIGNS**

Description:  
 To establish a contract for the purchase of Internally Illuminated Street Name Signs in conjunction with the County's needs

Issuing Department: ISD -Procurement Contact Person: **Mary Hammett** Phone: **305-375-5471**  
 Estimate Cost: **\$90,000.00**  
 Funding Source:  GENERAL  FEDERAL  OTHER  
 General

**ANALYSIS**

<b>Commodity Codes:</b> 550-62			
Contract/Project History of previous purchases three (3) years Check here <input type="checkbox"/> if this is a new contract/purchase with no previous history.			
	<b>EXISTING</b>	<b>2<sup>ND</sup> YEAR</b>	<b>3<sup>RD</sup> YEAR</b>
<b>Contractor:</b>	Southern Manufacturing		
<b>Contractor:</b>	Transportation Control System Inc.		
<b>Small Business Enterprise:</b>			
<b>Contract Value:</b>	\$90,000.00	\$	\$
Comments:			

Continued on another page (s):  YES  NO

**RECOMMENDATIONS**

	Set-aside	Sub-contractor goal	Bid preference	Selection factor
<b>SBE</b>				

Basis of recommendation:

Signed: **Mary Hammett** Date sent to SBD: **8/3/2016**  
 Date returned to DPM:

OPENING: 6:00 PM

, 2016



MIAMI-DADE COUNTY, FLORIDA

INVITATION  
TO BID

TITLE:  
INTERNALLY ILLUMINATED STREET NAME SIGNS

BIDS WILL BE ACCEPTED UNTIL 6:00 PM  
ON , 2016

FOR INFORMATION CONTACT:

Mary Hammete, 305-375- , @miamidade.gov

IMPORTANT NOTICE TO BIDDERS/PROPOSERS:

- READ THE ENTIRE SOLICITATION DOCUMENT, THE GENERAL TERMS AND CONDITIONS, AND HANDLE ALL QUESTIONS IN ACCORDANCE WITH THE TERMS OUTLINED IN PARAGRAPH 1.2(D) OF THE GENERAL TERMS AND CONDITIONS.
- THE SOLICITATION SUBMITTAL FORM CONTAINS IMPORTANT INFORMATION THAT REQUIRES REVIEW AND COMPLETION BY ANY BIDDER/PROPOSER RESPONDING TO THIS SOLICITATION.
- FAILURE TO COMPLETE AND SIGN THE SOLICITATION SUBMITTAL FORM WILL RENDER YOUR PROPOSAL NON-RESPONSIVE.
- IT IS THE POLICY OF MIAMI-DADE COUNTY THAT ALL ELECTED AND APPOINTED COUNTY OFFICIALS AND COUNTY EMPLOYEES SHALL ADHERE TO THE PUBLIC SERVICE HONOR CODE (HONOR CODE). THE HONOR CODE CONSISTS OF MINIMUM STANDARDS REGARDING THE RESPONSIBILITIES OF ALL PUBLIC SERVANTS IN THE COUNTY. VIOLATION OF ANY OF THE MANDATORY STANDARDS MAY RESULT IN ENFORCEMENT ACTION. (SEE IMPLEMENTING ORDER 7-7)



**GENERAL TERMS AND CONDITIONS:**

All general terms and conditions of Miami-Dade County Procurement Contracts are posted online. Bidders/Proposers that receive an award from Miami-Dade County through Miami-Dade County's competitive procurement process must anticipate the inclusion of these requirements in the resultant Contract. These general terms and conditions are considered non-negotiable.

All applicable terms and conditions pertaining to this solicitation and resultant contract may be viewed online at the Miami-Dade County Procurement Management website by clicking on the below link:

<http://www.miamidade.gov/procurement/library/boilerplate/general-terms-and-conditions-r16-2.pdf>

**NOTICE TO ALL BIDDERS/PROPOSERS:**

Electronic bids are to be submitted through a secure mailbox at BidSync ([www.bidsync.com](http://www.bidsync.com)) until the date and time as indicated in this Solicitation document. It is the sole responsibility of the Bidder/Proposer to ensure their proposal reaches BidSync before the Solicitation closing date and time. There is no cost to the Bidder/Proposer to submit a proposal in response to a Miami-Dade County solicitation via BidSync. Electronic proposal submissions may require the uploading of electronic attachments. The submission of attachments containing embedded documents or proprietary file extensions is prohibited. All documents should be attached as separate files.

For information concerning technical specifications please utilize the question/answer feature provided by BidSync at [www.bidsync.com](http://www.bidsync.com) within the solicitation. Questions of a material nature must be received prior to the cut-off date specified in the solicitation. Material changes, if any, to the solicitation terms, scope of services, or bidding procedures will only be transmitted by written addendum. (See addendum section of BidSync site).

Please allow sufficient time to complete the online forms and upload of all proposal documents. Bidders/Proposers should not wait until the last minute to submit a proposal. The deadline for submitting information and documents will end at the closing time indicated in the solicitation. All information and documents must be fully entered, uploaded, acknowledged (Confirm) and recorded into BidSync before the closing time or the system will stop the process and the response will be considered late and will not be accepted.

**PLEASE NOTE THE FOLLOWING:**

No part of your proposal can be submitted via **HARDCOPY, EMAIL, OR FAX**. No variation in price or conditions shall be permitted based upon a claim of ignorance. Submission of a proposal will be considered evidence that the Bidder/Proposer has familiarized themselves with the nature and extent of the work, and the equipment, materials, and labor required. The entire proposal response must be submitted in accordance with all specifications contained in the solicitation electronically.

**SECTION 2 - SPECIAL TERMS AND CONDITIONS****2.1 PURPOSE**

The purpose of this solicitation is to establish a contract for the purchase of Internally Illuminated Street Name Signs in conjunction with the County's needs on an as needed when needed basis.

**2.2 TERM OF CONTRACT FIVE (5) YEARS**

This contract shall commence on the first calendar day of the month succeeding approval of the contract by the Board of County Commissioners, or designee, unless otherwise stipulated in the Notice of Award Letter which is distributed by the Internal Services Department, Procurement Management Division, and contingent upon the completion and submittal of all required bid documents. The contract shall expire on the last day of the last month of the contract term.

**2.3 METHOD OF AWARD TO LOWEST PRICED BIDDER ON AN ITEM-BY-ITEM BASIS**

Award of this contract will be made to the lowest priced responsive, responsible bidder on an item-by-item basis.

Should the lowest Bidder default, the County shall have the right to negotiate with the next lowest responsive, responsible Bidder.

**2.3.1 MINIMUM REQUIREMENTS**

- a) Bidder shall provide a designated contact person telephone number, fax number, and e-mail address to expedite purchase orders.
- b) Provide current letters from the manufacturer, on the manufacturer's letterhead, designating the bidder as a manufacturer agent, dealer, representative, distributor and/or reseller of the products listed in Section 3, Paragraph 3.5.1. The letter shall be dated within three (3) months of the bid submittal and it shall be signed by an authorized manufacturer's representative.

**2.4 PRICES SHALL BE FIXED WITH ADJUSTMENTS ALLOWED**

After the initial one (1) year period, and at each anniversary thereafter, the County will consider adjustment to price based on **Producer Price Indexes Metal and Metal Products Other Ferrous Scrap** it is the bidder's responsibility to request any pricing adjustment under this provision. For any adjustment to commence on the anniversary, the bidder's request for adjustment should be submitted 90 days prior to expiration of the then current contract year. The bidder adjustment request should not be in excess of the relevant pricing index change.

If no adjustment request is received from the bidder, the County will assume that the bidder(s) has agreed that the next term will remain at the current price. Any adjustment request received after the commencement of a new year may not be considered.

The County reserves the right to reject any price adjustments submitted by the bidder or to negotiate lower pricing during the contract period based on market research information or other factors that influence price. The County also reserves the right to apply any reduction in pricing based on the downward movement of the applicable index.

**2.5 "EQUAL" PRODUCT CAN BE CONSIDERED UPON RECEIPT OF SPECIFIED DATA**

The manufacturer's name, brand name and/or model number information contained in this solicitation are being used for the sole purpose of establishing the minimum requirement of level of quality, standard of performance, and design and is in no way intended to prohibit the offer of another manufacturer's items of equal material unless otherwise indicated on the Bid/Proposal Submission Form.

This specific solicitation requires submission of the following documentation to enable County evaluation of "equal" products:

X: Product Information Sheets

X: Product Samples Upon specific request

If an "equal" product may be considered by the County in accordance with the Bid/Proposal Submission Form, the unit shall be equal in quality and standards of performance to the item specified in the solicitation. Where an "or equal" item is offered, and product information sheets are required, the initial offer must be accompanied with two (2) complete sets of product information sheets (such as factory specifications, standard manufacturer information sheets, catalogues, and brochures), and if required, two (2) copies of performance test results of the unit offered as an equal. Also for product information submittals, all supporting documentation submitted by the offeror must in total meet the required specifications set forth in this solicitation. Where the standard product literature submitted with the offer provides information that does not comply with the specifications, the offeror shall state, in an official letter on corporate letterhead as part of their initial offer, the differences between the item they are specifically offering, and the equipment described by the standard product literature, to substantiate compliance to all of the specifications set forth in this solicitation. In such cases, any offer submitted with standard product literature but without the letter explaining compliance will result in the rejection of the offer for not meeting the solicitation specifications.

**2.6 PURCHASE OF OTHER ITEMS NOT LISTED WITHIN THIS SOLICITATION BASED ON PRICE QUOTES**

While the County has listed the major item within this solicitation which is utilized by County departments in conjunction with their operations, there may be similar item(s) that must be purchased by the County during the term of this contract. Under these circumstances, a County representative will contact the awarded bidder(s) to obtain a price quote for the similar item(s). The County reserves the right to award these similar

items to the lowest price quoted bidder, or to acquire the items through a separate solicitation.

**2.7 INSURANCE REQUIREMENTS IN SECTION 1, PARAGRAPH 1.21 TERMS AND CONDITION ARE NOT APPLICABLE**

**2.8 DELIVERY REQUIREMENTS**

The bidder shall make deliveries within ten (10) calendar days after the date of the order. All deliveries shall be made in accordance with good commercial practice and all required delivery timeframes shall be adhered to by the bidder(s); except in such cases where the delivery will be delayed due to acts of nature, strikes, or other causes beyond the control of the bidder. In these cases, the bidder shall notify the County of the delays in advance of the original delivery date so that a revised delivery schedule can be appropriately considered by the County.

Should the bidder(s) to whom the contract(s) is awarded fail to deliver in the number of days stated above, the County reserves the right to cancel the contract on a default basis after any back order period that has been specified in this contract has lapsed. If the contract is so terminated, it is hereby understood and agreed that the County has the authority to purchase the goods elsewhere and to charge the incumbent bidder with any re-procurement costs. If the bidder fails to honor these re-procurement costs, the County may terminate the contract for default.

Certain County employees may be authorized in writing to pick-up materials under this contract. Bidder shall require presentation of this written authorization. The bidder shall maintain a copy of the authorization. If the bidder is in doubt about any aspect of material pick-up, bidder shall contact the appropriate user department to confirm the authorization.

**2.8.1 DELIVERY AND ACCEPTANCE**

Department of Transportation/Public Works: Traffic Signals & Signs Division  
7100 NW 36<sup>TH</sup> Street  
Miami, FL 33166

The bidder shall arrange for a delivery by calling the department at 305-592-3580 ext.265. Deliveries will be accepted Monday through Friday, 8:00 A.M. to 12:00 Noon and 12:30 P.M. to 2:30 P.M. Delivery should be made on a flatbed truck for easy off-loading.

**2.9 BACK ORDER DELAYS IN DELIVERY SHALL NOT BE ALLOWED**

The County shall not allow any late deliveries attributed to product back order situations under this contract. Accordingly, the bidder is required to deliver all items to the County within the time specified in this solicitation and resultant contract; and no grace period on account of back order situations shall be honored, unless written authorization is issued by the user department, and a new delivery date is mutually established. In the event that the bidder fails to deliver the products within the time specified, the County reserves

the right to cancel the order, seek the items from another bidder, and charge the incumbent bidder for any re-procurement costs. If the bidder fails to honor these re-procurement costs, the County may terminate the contract for default.

**2.10 WARRANTY REQUIREMENTS**

Refer to Section 3 Paragraph 3.6, Warranty

**2.11 CONTACT PERSON**

For any additional information regarding the terms and conditions of this solicitation and resultant contract, Contact: Mary Hammett, at (305) 375-5471 email – [mhammet@miamidade.gov](mailto:mhammet@miamidade.gov)

**2.12 ENVIRONMENTALLY ACCEPTABLE PACKAGING**

Effective June 16, 1992, all contracts in excess of ten thousand (\$10,000) dollars will be affected by Resolution Number R738-92, amending Miami-Dade County Administrative Order 3-2 (relating to the procurement of goods and services). As a waste management alternative, and as an additional means of reducing the volume and toxicity of waste and by-products entering Florida's solid waste stream, Miami-Dade County has instituted the following policy with regard to source reduction.

In order to discourage excessive packaging of a product solely for marketing purposes and to encourage packaging for purposes of ensuring durability, re-usability and recyclability. No goods shall be purchased if the goods constitute less than 90 percent (by volume) of the item being purchased or if the goods contain more than 10 percent package and packing material (by volume). No packaging shall be purchased which is not environmentally acceptable packaging.

For purposes of meeting the requirements of this resolution, "Environmentally Acceptable" shall be defined as; any item that is returnable for reuse or recycling, or which is recyclable.

In order to insure compliance with this resolution, bidders shall indicate in the space provided on the Bid/Proposal Submission Form or elsewhere as required by this solicitation, the method to be used for returning packaging materials to the distributor in conjunction with this solicitation and/or by completing the General Services Certification of Recycled Product Content Form indicating the ability of the materials to be recycled through existing recycling collection programs.

Appeals for waiver of these requirements may be made in writing to the County Manager through the Director of Procurement Management. No waiver shall be effective unless approved by a majority vote of the Board of County Commissioners. Offers failing to provide this information may result in being declared non-responsive; however the bidder shall be given the opportunity to provide the information during the offer evaluation period. At such time, the bidder shall be given fifteen (15) calendar days to submit this information. Bidder(s) wishing to obtain a copy of the complete resolution should contact The Clerk of the Board at 305-375-5126.

**SECTION 3 – TECHNICAL SPECIFICATIONS****3.1 SCOPE OF WORK**

The purpose of the solicitation is to seek firm pricing and establish term contract for Internally Illuminated Street name signs for Miami-Dade County Transportation Public Works and Waste Management (DTPW).

**3.2 GOODS / SERVICES TO BE PROVIDED**

The work specified in this section consists of furnishing Internally Illuminated Street Name Signs, in conformance with the following:

1. Internally Illuminated Street Name (IISNS) and Internally Illuminated Specialty Signs (IISS) shall be manufactured by Southern Manufacturing Co.; Transportation Control Systems; or a Miami-Dade County DTPW QPL pre-approved equivalent.
2. IISNS and IISS housings shall be constructed of a one-piece aluminum box (housing) with a white polycarbonate sign panel installed inside a front door frame for the sign legend. The top/bottom of the housing shall be fabricated for rigid mounting of the unit with adjustable rigid mast arm mounting brackets (Pelco Astro-Brac or QPL approved equivalent) for a rigid (face mount) to the traffic signalization mast arm.
3. The signs shall be fabricated with a "standard" length and height of 72-inches x 24-inches. The housing shall have a Powder Coat finish, which shall be Flat Black in color.
4. Street Name Sign (IISNS) face shall have a Retroreflective Transparent Green or Blue\* color sheeting and shall be applied to the polycarbonate sign blank with completed sign legend. Green or Blue Transparent Sheeting shall be equivalent retro reflectivity to the County's static Overhead Street Name signs currently installed. Use and approval of Blue Sheeting background color shall require a signed agreement between the County and the Municipality.
5. Specialty Sign (IISS) faces shall have a Retro reflective Transparent White or Fluorescent Yellow/Green\* color sheeting as specified in Typical Legend Layouts and shall be applied to the polycarbonate sign blank with completed sign legend. White or Fluorescent Yellow/Green Transparent Sheeting shall be equivalent retro reflectivity to the County's static Overhead Street Name or other High Intensity static signs currently installed. The legend and borders for all IISS shall be non-reflective Black sheeting.
6. In addition, IISNS and IISS must comply with minimum FDOT standards for IISNS, excluding legends, and shall be on the State's current (Approved Product List) APL.
7. Signs shall be shipped to the County with street name or specialty legends complete and pre-installed in the sign-housing door per a list provided by the County/State provided to the Bidder and/or Contractor at time of purchase order.

8. Signs shall be fabricated to conform to minimum requirements in FDOT Section 700 E) Internally Illuminated Street Name Signs.
9. Housings shall not have any unused holes or openings provided in the housing for any other mounting design(s); hardware (photocell); or wiring, not used or approved for use in Miami-Dade County rigid mast arm IISNS and/or IISS installations.
10. Manufacturer Detail Drawings and specifications submitted to the County for QPL approval shall be complete with weights and wattages for both LED and Fluorescent type IISNS and IISS. All manufacturer drawings and legend layouts shall be drawn to scale.
11. Submittal Data required for each Sign Legend, which must be approved, by the County, TSS Division prior to delivery to the County on Purchase Orders (P.O.) or installation by a Contractor; on all County, State, or Private Developer projects in Miami-Dade County, Florida. Failure to do so shall be cause for possible REJECTION by the County. Any additional costs for the IISNS and/or IISS associated with failure to comply with this standard, by the Contractor; other governmental agency; Manufacturer; Supplier/Bidder, shall in no way be cause for additional compensation be paid by the County.
12. All hardware used in the construction of the sign shall be stainless steel type 304 or 305 only.
13. Housing Mounting Design:

Two (2) point Top/Bottom Standard Mounting (TBSM) bracket design shall only have holes located where the tri-stud mount is installed. No other holes shall be located outside of the mounting bracket. 4-conductor cable shall be routed thru the mounting bracket into the bottom of the housing per the attached Detail Drawings. Mounting brackets must conform to DTPW standards/specification and manufacturer's recommendations. The adjustable rigid mast arm mounting bracket assemblies shall have holes provided to easily rout cable thru the center of the mast arm adjustable mounting bracket attachment and sign bracket attachment for easy access into the aluminum tubes. The aluminum tubes used in the (TBSM) adjustable bracket shall be provided with a slot, [minimum length of nine-inches (9")] centered for easy access and routing of the 4-conductor cable through the hollow bottom sign bracket assembly into the IISNS or IISS.
14. Rubber grommets shall be used throughout the sign where wires and/or cables are routed thru the housing and/or panel per National Electrical Code (NEC).

**GENERAL PRODUCT INFORMATION (Continued)**

## 15. Sign Legends and Layout Requirements:

- a) Sign legends shall use Highway Gothic only; the series shall be "D" a.k.a. rev. c; "C" a.k.a. rev. c; or "B" a.k.a. rev. c. as noted below.
- b) The sign fabricator shall layout the signs using the larger series (wider/thicker) letter(s) and numerals. In the event the legend layout [do to DTPW required legend size and/or long legend(s)] cannot fit the sign parameters, then the fabricator shall either modify the legend spacing and/or reduce series from series "D" to "C" or "B" in extreme cases.
- c) Legends shown in guide (in some cases) may show "worst case" example (i.e. upper/lower case letters with one or more of the following letters: g, j, p, q, or y) in that event a smaller legend size was shown to be used. The fabricator following the guidelines should try to make all legend sizes as large as possible.
- d) Legend layout drawings for each sign face shall be submitted and approved by the DTPW Division prior to fabrication. Failure to do so by the manufacturer, if unacceptable, shall be re-done at no additional cost to the County.
- e) The Typical Legend Layout Guide is provided as a guide to the sign fabricator. It should be noted that each line (one or two), the legend layout for each (letters and numerals) shall be "centered" vertically within the sign face.

**3.3 ADJUSTABLE RIGID MAST ARM MOUNTING BRACKETS**

1. All brackets shall have the wire entrance arm (hollow arm) supplied with stainless steel tri-studs on the Signal Head or IISNS/IISS attachment side; the aluminum tube side (fixed side) shall be provided with an internally cast-in-place 1-1/2-inch NPT into the aluminum casting and with two (2) stainless steel set-screws through the casting to rigidly secure the tube to the hollow arm. The aluminum casting shall have no bushings/nipples of any type cast into the aluminum other than stainless steel components. The aluminum tube shall be supplied threaded at one end only.
2. The bracket arm (solid arm slide-on) used on the other opposite end of the aluminum tube shall be supplied with stainless steel tri-studs on the signal head or IISNS/IISS attachment side; the aluminum tube side with the slide-on arm shall be equipped with two (2) stainless steel set screws to secure in place the arm to the aluminum tube.
3. All aluminum tubes used with the attachment method described in 1 and 2 above shall be supplied with a DTPW approved wire entrance slot minimum 1/2-inch to maximum 3/4-inch wide centered in the tube length; additionally the aluminum extrusions shall have structural gussets (ribs) for continuous support running the entire length of the tube to prevent deformation of the tube. The interior of aluminum tube shall be required to have

ample space for the signal cable to run through the tube between the bracket assembly and the signal head or internally illuminated sign.

4. When more than one Adjustable Rigid Mast Arm Bracket is used for mounting an Internally Illuminated Sign (i.e. IISNS, IISS, etc.) the sign assembly can be provided with only one Adjustable Rigid Mast Arm Bracket supplied with the tube assembly with a slot for the signal cable to the "wiring side" of the sign installation. The "second" bracket assembly for the sign can be provided with a threaded non-slotted tube. Non-slotted tubes shall not be required to have structural ribs extruded into the tubing.

5. Brackets shall be of a design and construction similar to Miami-Dade County's vehicular traffic signal head horizontal adjustable rigid mast arm mounting brackets (QPL approved) and shall be constructed of aluminum with stainless steel aircraft cable and hardware only.

Refer to "TYPICAL WIRING and INSTALLATION DETAILS" for Mast Arm pole IISNS installation.

6. Attachment of brackets to the mast arm shall be made with stainless steel aircraft grade cable. No other attachment cable/material shall be accepted.

7. Mounting bracket aluminum components/assemblies and shall have natural aluminum finish. Painted finishes shall be rejected.

8. Brackets shall be designed to provide easy access and routing for internal wiring of the IISNS/IISS between the mast arm and the sign(s). No external method of wiring shall be permitted.

### **3.4 PHOTOELECTRIC CELL AND MOUNTING**

1. The Photoelectric Cell shall be Intermatic Inc. Model # K4221 (120V) or QPL approved equivalent. Only the "Lead" IISNS/IISS shall have the photocell attached to the housing, which shall be rated to control a minimum of four (4) IISNS/IISS per intersection.

2. Only one (1) photocell shall be used per intersection or mid-block to control the IISNS and/or IISS.

### **3.5 TRANSPORTATION AND PUBLIC WORKS QUALIFIED PRODUCTS LIST (QPL)**

Only IISNS and IISS on the QPL prior to solicitation being advertised are approved for bid. Listing is required before a product can be sold or installed in Miami-Dade County, FL. Complete product information and QPL process can be found on the Transportation and Public Works Website:

[http://www.miamidade.gov/pubworks/traffic\\_signals.asp](http://www.miamidade.gov/pubworks/traffic_signals.asp)

Click on Traffic Management, click on Traffic Signals and Signs, scroll down to Traffic Signals & Signs resources, click on "Qualified Products List" Section 700 Roadway Signs for up-to-date information concerning the QPL.

3.5.1 The manufacturers that are listed on the above link: Southern Manufacturing Co. and Transportation Control Systems

**3.6 WARRANTY**

1. **LED IISNS and IISS:** The Manufacturer shall guarantee the internally illuminated LED sign for a minimum period of three (3) years from date of receipt by Miami-Dade County, and shall replace, free of-charge, any part or parts claimed within the period to be defective in workmanship or materials, however, the LED components (i.e. LED's and electronic circuitry assembly) shall be warranted for a total period of five (5) years from date of receipt by the County, and shall have replaced free of charge by the Manufacturer, any defect in workmanship or materials on these components.

DRAFT

### IISNS TYPICAL LEGEND LAYOUT GUIDE (72" x 24")

NOTE: IISNS Background colors refer to "GENERAL" item # 4. A)

Colors shown are for representation purposes only.

#### 1) Single Line with Number Legend:

- A) **SW 87 AV**
- B) **W 41 ST**
- C) **5 Street**

UPPER Case  
LETTERS 10"

Number(s) 12"

UPPER Case  
LETTERS 10"

Number(s) 12"

UPPER/lower Case+  
LETTERS 10"

Number(s) 12"

+ Special: When no compass directions are used (i.e. Miami Beach)

#### 2) Single Line with Name Legend:

- A) **W Flagler St**
- B) **Old Cutler Rd**
- C) **Byron Av**

UPPER/lower Case\* Letters 12"

\* Reduce spacing/letter height to fit sign (Minimum 10")

#### 3) Dual Line with Number & Name Legend:

- A) **SW 88 ST**  
**N Kendall Dr**
- B) **NW 186 ST**  
**Miami Gardens Dr**
- C)\* **NW 186 ST**  
**Galloway Rd**

UPPER Case LETTERS 8"; Number(s) 10"

UPPER/lower case\* Letters 6"

\*\* Reduce spacing/letter height to fit sign (Minimum 5")

Note: Example "C" shown with Blue Background for City of Doral

4) Single Line with Number / Number (Municipality & County Designation):

A) Hialeah

**E 25 ST / NW 79 ST**

\*\* (Left side - 1 or 2 Digits) UPPER Case LETTERS 8"; Number(s) 10" /

\*\* (Right side - 2 Digits) UPPER Case LETTERS 8"; Number(s) 10"

B) Hialeah

**W 68 ST / NW 122 ST**

\*\* (Left side - 2 Digits) UPPER Case LETTERS 8"; Number(s) 10" /

\*\* (Right side 3 - Digits) UPPER Case LETTERS 6"; Number(s) 8"

5) Dual Line with Number/Number & Name  
(Municipality & County Designation):

Hialeah

A)\*\*

**W 32 AV / NW 92 AV**

**Ed Wallace Blvd**

\*\* (Left side - 1 or 2 Digits) UPPER Case LETTERS 8"; Number(s) 10" /

\*\* (Right side - 2 Digits) UPPER Case LETTERS 8"; Number(s) 10"

UPPER/lower case\* Letters 6"

\* Reduce spacing/letter height to fit sign (Minimum 4")

B)\*\*

**W 49 ST / NW 104 ST**

**Palm Springs Mile**

\*\* (Left side - 2 Digits) UPPER Case LETTERS 8"; Number(s) 10" /

\*\* (Right side 3 - Digits) UPPER Case LETTERS 6"; Number(s) 8"

UPPER/lower case\* Letters 6"

\* Reduce spacing/letter height to fit sign (Minimum 4")

Homestead

A)\*\*

**SE 8 ST/SW 328 ST**

**Campbell Dr**

\*\* (Left side - 1 Digit) UPPER Case LETTERS 8"; Number(s) 10" /

\*\* (Right side 3 - Digits) UPPER Case LETTERS 8"; Number(s) 10"

UPPER/lower case\* Letters 6"

\* Reduce spacing/letter height to fit sign (Minimum 4")

B)\*\*

**SE 12 AV/SW 167 AV**

**Tennessee Rd**

\*\* (Left side - 2 Digits) UPPER Case LETTERS 8"; Number(s) 10" /

\*\* (Right side 3 - Digits) UPPER Case LETTERS 6"; Number(s) 8"

UPPER/lower case\* Letters 6"

\* Reduce spacing/letter height to fit sign (Minimum 4")

6) Dual Line with Number/Name w/ 2<sup>nd</sup> Name Legend:

**SW 87 AV / Galloway Rd**

**SW 24 ST / Coral Way**

**St Marcellin Champagnat Way**

**Brothers to the Rescue Martyrs Blvd**

UPPER Case LETTERS 8";

UPPER Case LETTERS 8";

Number(s) 10"/ UPPER/lower case\* Letters 6"

Number(s) 10"/ UPPER/lower case\* Letters 6

\* Reduce spacing/letter height to fit sign

\* Reduce spacing/letter height to fit sign

UPPER/lower case\*\* 5"

UPPER/lower case\*\* 4"

\*\* Reduce spacing/letter height

\*\* Reduce spacing/letter height to fit sign

(Minimum 4")

(Minimum 4")

7) Dual Line with US 1 & Name:

**US 1**

**US 1**

**Biscayne Blvd**

**S Dixie Hwy**

UPPER Case 'US' LETTERS 10"; Number(s) 10"

UPPER/lower case Letters 6"

8) Dual Line with US 1 & Name/Name:

**US 1 / S Dixie Hwy**

**US 1 / S Dixie Hwy**

**Trpr. Buck Buchanan Mem Hwy**

**Pincrest Pkw**

UPPER Case 'US' LETTERS 10"; Number(s) 10" / UPPER/lower case\* Letters 10"

\* Reduce spacing/letter height to fit sign (Minimum 8")

UPPER/lower case\*\* Letters 6"; 5" or 4"

\*\* Reduce spacing/letter height to fit sign (Minimum 4")

Abbreviations approved on a sign-by-sign basis

9) Single Line with Expressway Ramps:

A)

B)

C)

D)

**SR 826 NORTH**

**SR 874 SOUTH**

**SR 836 EAST**

**SR 878 WEST**

UPPER Case LETTERS 'SR' 8" and all letters following the first letter;

Number(s) 10" and 'First' cardinal direction letter (N, S, E & W)

10) Single Line with Turnpike Ramps:

- A) **Turnpike NORTH**      B) **Turnpike SOUTH**
- C) **Turnpike EAST**      D) **Turnpike WEST**

UPPER/lower Case Letters 'Turnpike' 10" and 'first' cardinal direction letter (N, S, E & W); all letters following the first cardinal direction letter 8"

11) Single Line with Interstate Ramps:

- I-95 NORTH**      **I-75 SOUTH**
- I-395 EAST**      **I-195 WEST**

UPPER Case Letter 'I' and Number(s) 10" and 'first' cardinal direction letter (N, S, E & W); all letters following the first cardinal direction letter 8"

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12) Dual Line with Number/Name w/ 2<sup>nd</sup> Name & 3<sup>rd</sup> Name Legend:

- SW 8 ST/ Tamiami Trail**      **SW 8 ST/ Tamiami Trail**
- Calle Ocho / Olga Guillot Way**      **Calle Ocho / Celia Cruz Way**

UPPER Case LETTERS 8"; Number(s) 10"/ UPPER/lower case\* Letters 6"

\* Reduce spacing/letter height to fit sign

UPPER/lower case\*\* 6"; 5" or 4"

\*\* Reduce spacing/letter height to fit sign (Minimum 4")

13) Single Line UPPER CASE Only Special Cases:

(Transit, Places and Fire Station Driveway)

- A) **BUSWAY**
- B) **MAST ACADEMY**      C) **TENNIS CENTER**

UPPER Case LETTERS 12"

UPPER Case LETTERS\* 12"

UPPER Case LETTERS\* 10"

\* Reduce spacing/letter height to fit sign

\* Reduce spacing/letter height to fit sign

### IISS TYPICAL LEGEND LAYOUT GUIDE

(72" x 24")

- SPECIALTY SIGNAGE -

NOTE: Legend and Background colors listed with each IISS below. All borders shall be the same color as the legend. Colors shown are for representation purposes only.

A) \*\* **EMERGENCY SIGNAL**

UPPER Case LETTERS 10" (Single Line)

\*\* BLACK LEGEND on WHITE BACKGROUND

(Regulatory)

B)\*\* **PEDESTRIAN**

**CROSSWALK**

UPPER Case LETTERS 7" (Dual Line)

\*\* BLACK LEGEND and Border on FLUORESCENT  
YELLOW/GREEN BACKGROUND (Warning – Per MUTCD  
Pedestrian sign color)

MINIMUM REQUIREMENTS (Section 2, Paragraph 2.3.1)

Attachment

All bidders shall return the following:

- a) Bidder shall provide a designated contract person, phone number, fax number, and e-mail address to expedite purchase orders.

Contact Person: \_\_\_\_\_

Phone number: \_\_\_\_\_

Fax Number: \_\_\_\_\_

E-Mail: \_\_\_\_\_

- b) Provide current letters from the manufacturer, on the manufacturer's letterhead, designating the bidder as a manufacturer agent, dealer, representative, distributor and/or reseller of the products listed in Section 3, Paragraph 3.5.1. The letter shall be dated within three (3) months of the bid submittal and it shall be signed by an authorized manufacturer's representative.

Have you included the above with your Bid Submittal Yes \_\_\_\_\_ No \_\_\_\_\_

**Note: down load this document, complete and attach with your bid submittal**

ITEM	ESTIMATED QUANTITY	DESCRIPTION	UNIT PRICE
1	75 Each	LED IISNS 72" X 24" complete with mounting brackets as per Section 3, Technical specification	\$_____ Each
2	75 Each	Photoelectric Cell complete with mounting bracket as per Section 3, Technical Specification.	\$_____ Each

**As per Technical Specification in Section 3 layout guide**

DRAFT