



Financial Management Department  
Purchasing Division  
1112 Manatee Ave W Suite 803  
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Email

August 28, 2015

TO: All Interested Bidders

SUBJECT: Invitation for Bid #15-2298DC  
US 301 and Ft. Hamer Road Signalization ADDENDUM #1

**Bidders are hereby notified that this Addendum shall be acknowledged on the Bid Form and made a part of the above named bidding and contract documents.**

1. Engineer's construction cost estimate, based on revised drawings and specifications, is \$487,552.29.
2. Bid Form Item 8, FDOT Coordination is not required for this project and its reference is deleted in its entirety.
3. **Question:** Reference the illuminated signs, pay item 700 5 21. These are not a standard illuminated sign and will not fall under the approved design previously submitted to the FDOT. Will Manatee County accept a standard sign with the new Type eleven sheeting that is being used on the FDOT projects for overhead panels?

**Response:** The specification references the 700 series of the APL under the category of Internally Illuminated signs. Supplier: Temple, Inc., APL Certification Number 700-015-026, Model R409A (Razor Series). Attached is the Temple Catalog page cut sheet that shows additional information on what signs are included (street name and regulatory).

If you have submitted a bid prior to receiving this addendum you may request in writing that your original, sealed bid be returned to your firm. All sealed bids received will be opened on the date stated.

Bids will be received at Manatee County Purchasing, 1112 Manatee Avenue West, Suite 803, Bradenton, Florida 34205 until **September 2, 2015 at 3:00 P.M.**

Sincerely,

Melissa M. Wendel, CPPO  
Purchasing Official

/dcr  
Attachment



- Energy-efficient, Edge-Lit LED illumination
- High-brightness, even illumination
- Years of maintenance-free operation



### A Logical Choice

The Temple Edge-Lit R409A is the new standard for internally-illuminated LED street name and regulatory signs. The ultra-efficient LEDs offer years of maintenance-free performance inside a rugged, slim-profile enclosure that's redefining expectations for illuminated signs.

### Improve Traffic Safety

The 2003 MUTCD recommends illuminating all overhead signage, since overhead metal signs receive just 10% of headlamp illumination when compared to roadside signs, making overhead retro-reflective signs less effective in this application.

The Temple Edge-Lit R409A internally-illuminated LED Signs provide advanced visibility and legibility of street name signs for safe maneuvering, particularly for non-resident drivers and tourists traveling through urban areas.

### Cost Savings

Temple's Edge-Lit LED Signs provide exceptionally low cost over the product's entire life-cycle.

Compared to traditional fluorescent signs, the Temple Edge-Lit LED Signs do not require bulb or ballast replacement, they alleviate the very expensive lane closures necessary to maintain fluorescent signs, reduce power consumption by 90%, and are incredibly easy to install.

### Typical Applications

- Large signalized intersections
- Business Districts
- Tourist Corridors
- Streetscape Projects
- Stadium Arterials & Corridors
- University Campuses



Display your team pride with customized graphics!



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# Temple

1.800.633.3221

[www.temple-inc.com](http://www.temple-inc.com)

## Edge-Lit Internally-Illuminated LED Signs

Cutting edge technology for Edge-Lit LED illumination



**90% ENERGY SAVINGS**  
over traditional fluorescent signs, and no bulbs or ballasts to replace!



Backbrace rigid mount configuration



### R409A

### R409A REGULATORY

COMMON SPECIFICATIONS	Internally-Illuminated LED Street Name Signs	Internally-Illuminated LED Regulatory Signs
	<b>MECHANICAL</b>	<b>MECHANICAL</b>
	Dimensions: Length 24" to 120" at 6" increments	Dimensions: Length MUTCD standard sizes from 18" to 36" (width)
	Height 15", 18", 20", 22", 24", 30"	Height 15H" to 36H" Max
	Thickness 1.6"	Thickness 1.6"
	R409A	R409A Regulatory Signs
<b>MATERIAL</b>		
Frame	6000 Series Aluminum housing	6000 Series Aluminum housing
<b>SIGN SHEETING</b>		
Optional Sheeting	ASTM Type IX Retroreflective Sheeting (sign legend and background), per 2003 MUTCD guidance	ASTM Type IX Retroreflective Sheeting (sign legend and background), per 2003 MUTCD guidance
<b>ILLUMINATION</b>		
Contrast Ratio	Legend / Background contrast ratio 4:1 minimum	Legend / Background contrast ratio 4:1 minimum
<b>FONTS</b>		
Default	MUTCD Clearview Font, HWY E Series B, C, D, E Modified, Custom fonts available	MUTCD Clearview Font, HWY E Series B, C, D, E Modified, with Custom fonts available
<b>ENVIRONMENTAL</b>		
Wind Load	150 mph (241 km/h) with 1.14 gust factor and ice loading as per AASHTO LTS-4 2001	150 mph (241 km/h) with 1.14 gust factor and ice loading as per AASHTO LTS-4 2001
Electrical Certification	Listed to UL48	Listed to UL48
<b>MOUNTING OPTIONS</b>		
Under-hang Mount	Accepts Pelco SE-5015 or SE-5146	Accepts Pelco SE-5015, SE -5146, or equivalent
Single-sided Fixed Mount	Accepts Pelco Astro-Brac AS-3009 or equivalent	Accepts Pelco Astro-Brac AS-3009 or equivalent
<b>SIGN SHEETING</b>		
3M™ Electrocut™ film	Yellow, Orange, Green, Black (Opaque), Red, Blue, Brown, and Clear 3M ScotchCal	Yellow, Orange, Green, Black (Opaque), Red, Blue, Brown, and Clear 3M ScotchCal
<b>WEIGHT</b>		
	Maximum of 7 lbs. per sq. ft., single-sided Maximum of 8 lbs. per sq. ft., double-sided	Maximum of 7 lbs. per sq. ft., single-sided Maximum of 8 lbs. per sq. ft., double-sided

**Integrity Service Relationships**



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