

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

MEMORANDUM

TO: Authority Board Members

FROM: Claude Miller 
Director of Procurement

DATE: September 23, 2014

RE: Confirmation and Approval of
Declaration of Emergency for Replacement of Sign Truss

In accordance with the Procurement Policy, Article XII, Exemptions from Competitive Procurement Processes, Paragraph N, (excerpt from policy attached) Board confirmation and approval is requested for a declaration of emergency issued by the Interim Executive Director for replacement of an overhead sign truss on S.R. 408 between Tampa Avenue and US 441. The emergency declaration was necessary for safety reasons in order to expedite replacement of the full span sign truss and all of the signing and lighting that were destroyed when the truss was struck by a commercial vehicle.

The sign truss structure, including hangers and light bars, was procured by the Authority based on a low bid of \$43,961.00 from Stony Brook Manufacturing, one of two manufacturers from whom quotes were requested. Quotes were then requested from 3 contractors experienced in the installation of sign trusses. The quotes also included furnishing and installing the signing. Only two contractors responded with the low bid submitted by United Signs & Signals, LLC (United) in the amount of \$93,806.00. The truss, hangers and light bars purchased by the Authority were provided to United who was authorized to perform the installation work which was completed on August 8, 2014.

In addition to the materials and installation costs, the Authority incurred other costs that included: renting variable message signs to replace the destroyed overhead sign that provided important information to drivers regarding I-4, US 441 and John Young Parkway exits; testing and evaluation of foundations, anchor bolts and structure uprights to determine their adequacy for incorporation into the replacement truss; surveying the existing sign structure uprights to determine the exact dimensions required for the new truss; lost revenue. These other costs amounted to \$34,240.72

Truss, hangers, light bar	\$ 43,961.00
Signing and Truss Installation	\$ 93,806.00
Other costs	<u>\$ 34,240.72</u>
Total Cost	\$172,007.72

We have notified the owner of the vehicle and demanded payment of this amount.

Attachment

cc: Joe Berenis, Deputy Executive Director, Engineering, Operations, Construction and Maintenance
Laura Kelley, Deputy Executive Director, Finance and Administration
Ben Dreiling, Director of Construction and Maintenance

SR 408 Sign Structure Truss #193 Replacement

Project 408-992

25-560-408-56540

Occurred on 3/18/14

Replaced on 7/25/14

	Department	Contract No.	Contractor	Services	Total Cost	
1	Construction/ Maintenance	000974	Ardaman	Materials Testing	\$ 846.25	Paid
2	Construction/ Maintenance	000976	Mehta	CEI Services	\$ 1,254.75	pending
3	Construction/ Maintenance		United Signs and Signals	Sign Structure Replacement	\$ 93,806.00	paid
4	Construction/ Maintenance	PO 003452	Stoney Brook	Fabrication	\$ 43,961.00	paid
5	Construction/ Maintenance	000988	Ayers	Post Construction Sign Inspection	\$ 3,325.44	pending
					\$ 143,193.44	

6	Engineering	000820	Atkins	GEC Services	\$ 11,341.77	paid
---	-------------	--------	--------	--------------	--------------	------

7	Expressway Operations	000720	Transcore	Temporary/Portable DMS's	\$ 10,451.52	paid
---	--------------------------	--------	-----------	--------------------------	--------------	------

8	Toll Operations			Lost Toll Revenue	\$ 7,020.99	
---	-----------------	--	--	-------------------	-------------	--

GRAND TOTAL:

\$ 172,007.72


Excerpt from Procurement Policy:

XII. EXEMPTIONS FROM COMPETITIVE PROCUREMENT PROCESSES

To the extent indicated, the following are exempt from the competitive requirements of this Policy.

- A. Regulated Services: Telephone, electricity, natural gas and water, or similar services where rates or prices are fixed by legislation or by federal, state, county or municipal regulations.
- B. Maintenance Agreements: Includes maintenance of computers and related equipment, software, copiers, faxes and other related office equipment, servers, network switches and firewalls, when there is reasonable basis to conclude that such agreements are in the Authority's best interest.
- C. P-Card Purchases up to the limit for Procurement Level 1. (**\$0 - \$999.99**) (Highlighting added)
- D. Petty cash purchases made in accordance with established Authority procedures.
- E. Dues and memberships in trade or professional organizations.
- F. Subscriptions for periodicals, advertisements and postage.
- G. Paralegal services, appraisal services, mediator, hearing officer, expert witnesses, court reporters and attorney engagement letters up to the limit for Procurement Level 4. (**\$25,000 - \$49,999.99**) (Highlighting added)
- H. Abstracts of titles for real property; title insurance for real property; real property.
- I. Copyrighted materials; patented materials.
- J. Art and artistic services.
- K. Job-related travel; seminars; tuition; registration fees and training.
- L. Purchase orders issued on an annual basis wherein the exact quantity of items or identification of specific items cannot be determined in advance.
- M. Single Source and Sole Source Purchases.
- N. *Emergency Purchases: The Director of Procurement (or higher authority in the absence of the Director of Procurement) is authorized to approve emergency purchases up to the limit for Procurement Level 4. Emergency Purchases at Procurement Level 5 (\$50,000 and up) require approval by the Executive Director (or his designee). All Emergency Purchases at Procurement Level 5 shall be submitted to the Board for confirmation and approval at the next scheduled Board meeting, if possible.* (Highlighting added)

MEMORANDUM

TO: Claude Miller, Director Procurement
FROM: Joseph A. Berenis, Deputy Executive Director 
DATE: August 18, 2014
SUBJECT: Approval of Level 5 Emergency Purchase for Sign Truss #193

This memorandum shall certify an emergency procurement for replacement of Sign Truss #193. The circumstances are as follows:

At approximately 7:45 a.m. on March 23, 2014 the Authority's Sign Truss #193, located between Tampa Avenue and US 441, spanning both the eastbound and westbound directions of S.R. 408, was struck by a truck owned and improperly operated by Shelly's Septic Tank, Inc. The result of this collision of the truck and the full span sign truss resulted in a total loss to the horizontal member of the truss, along with all of the signing and lighting.

Initially, the information previously conveyed on the sign was replaced with roadside temporary variable message boards. The messages were deemed critical as they notified drivers of upcoming exits of I-4, US 441 and John Young Parkway.

Through post impact non-destructive testing, the foundations, anchor bolts and structure uprights were evaluated and determined to be adequate for incorporation into the replacement truss. This engineering evaluation took several weeks to perform and included temporary lane closures on S.R. 408 for this work to be accomplished. During this period an engineering survey was performed on the existing sign structure uprights to determine the exact dimension required of the proposed new spanning truss element.

Original shop drawings for the damaged sign truss were retrieved from Authority archives and two (2) quotes were obtained for truss materials only. Highway Systems provided a proposal of \$58,000.00 and Stony Brook Structures of Florida, LLC submitted a lower proposal in the amount of \$43,961.00. In accordance with the Authority's procurement policy, the purchase of the materials in the amount of \$43,961.00 was authorized by the Director of Procurement.

A scope and engineer's cost estimate was prepared by Maintenance for the replacement of the signing, sign lighting and the installation of the new sign truss. The

Claude Miller, Director Procurement
August 18, 2014
Page 2

Authority's procurement department issued the scope to 3 firms and provided approximately 7 days for the firms to provide sealed pricing proposals. Proposals were received and opened by the Authority in a typical bid opening format. Two firms responded and United Signs and Signals, LLC of Tavares, Florida was the low bidder at \$93,806.00 which favorably compared with the Engineer's Cost Estimate of \$100,000.00. Traffic Control Devices, Inc. provided a proposal of \$110,260.00.

Pursuant to Section 5 and 11 (N.) of the Procurement Policy and in consideration of the above, I do hereby declare an emergency and authorize the purchase for the above proposed scope of work to United Signs and Signals.

The work was completed and accepted in the early morning hours of August 8, 2014 and invoices are ready for processing. This matter shall be placed on the next regular agenda for Board confirmation.

JAB/ml
Enclosures (Section 5 & 12 of CFX's Procurement Policy)

cc: Ben Dreiling
Joseph L. Passiatore

BID FORM

Request for Quote # 14-005
SR 408 Sign Structure #193 Replacement

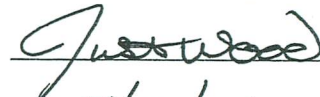
DUE May 16, 2016 1:00 PM

ITEM#	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE (NUMERICAL)	TOTAL
1	1	LS	SR 408 Sign Structure # 193 Replacement	\$93,806.00	\$ 93,806.00
TOTAL BID = \$					93,806.00

Company Name

United Signs & Signals, Inc.

Signature



Date

5/16/14

Carrie Baker

From: Marek Hyrycz <marekhyrycz@stonybrookmfg.com>
Sent: Friday, April 18, 2014 10:46 AM
To: Ben Dreiling
Subject: Re: Sign Structure 193

Ben,

The price for fabrication of steel truss only is 43,961.00.

Price includes sign hangers (9 pcs) , light bars (8 pcs) and connection bolts for head plates on uprights . All truss sections to be delivered to jobsite assembled and torqued.

All material melted and manufactured in USA.

Current lead time for submittals: 2-3 weeks after receipt of written purchase order. We will need field span length verification before submittals preparation.

Current fabrication lead time: 5-7 weeks after receipt of approved drawings.

Finish: galvanized.

Feel free to contact me if you have any questions

Thank you

Marek

On Wed, Apr 16, 2014 at 1:25 PM, Ben Dreiling <DreilingB@oocea.com> wrote:

Marek,

My name is Ben Dreiling. I am with the Orlando-Orange County Expressway Authority. I am contacting Stony Brook Structures of Florida because on March 23, 2014 we had a tractor trailer, headed eastbound on SR 408, accidently raise his dump bed and collide with the full span Sign Structure #193 located at 579+35. The result of the collision was a total loss of the overhead truss.

The bolts connecting the truss to the vertical uprights appeared to shear and no visible damage is apparent to the uprights or the foundations, including the anchor bolts. We are proceeding with non-destructive testing of the full penetrant welds, upright material, anchor bolts, and concrete foundation prior to incorporating these remaining elements into the replacement structure.

For now I want us to assume that the only thing the Authority is in need of is a new truss that will mate up to the existing uprights. We may at a later date need to revisit this assumption, but for the sake of getting this moving, we will proceed along this path of optimism.

This structure was constructed sometime around 1999 as part of the Authority's project 213 by Florida Industrial Electric. From the shop drawings, the structure appears to have been fabricated by S. I. Goldman. The sign copy was changed in 2007 by Hubbard Construction Company.

I am attaching select sheets from record drawings and the shop drawings that I believe will be adequate for pricing and determination of the estimated lead time for shop drawings, securing necessary material, shop fabrication and galvanization. I would also like to know what additional information Stony Brook will require to proceed with shop drawings.

At a later point in the process, I will be contacting Traffic Control Devices and others you might suggest, to provide the Authority with pricing that would be turn-key furnish and installation and would also include sign panels, sign lighting, electrical wiring, and other incidentals.

I look forward to speaking with you after you have had the opportunity to review the attached material.

Thank you,

Ben Dreiling, P.E.

Director of Construction and Maintenance

(407) 468-7581

--
Marek Hyrycz
Vice President