SINGLE SOURCE AWARD **BID # SS-0387-20**

Subject: Purchase of ITS Express Network Switches

Department: Public Works – Traffic Engineering

Description of Purchase:
Recommend approval of single source award to Express Supply, Inc. for the purchase of ITS Express Network Switches to replace the aging ITS Express Network Switches currently in use in the downtown area traffic signal controls. Period of service is from date of award through delivery. Total estimated expenditure amount not-to-exceed $158,398.56.

Funding Source: PWCP32EVP519-069505-PW0914-01 – To be encumbered by purchase order.

Single Source Award To: Express Supply, Inc.

Price Justification: See attachment

Total Award: $158,398.56 **Requisition #:** N/A

Attachments: Agency Memo, Single Source Form, Vendor Letter & Quote

Certification as to Single Source: Christopher LeDew, P.E., Chief, Traffic Control Division

THE ABOVE PURCHASE IS RECOMMENDED FOR AWARD IN ACCORDANCE WITH CHAPTER 126.206.

Analyst: David Klages

Gregory Pease, Chief
Procurement Division

APPROVAL OF GENERAL GOVERNMENT AWARDS COMMITTEE
"ALL AWARD ACTIONS SUBJECT TO LAWFULLY APPROPRIATED FUNDS"

CHAIRMAN ***DATE***

ACTION OF AWARDING AUTHORITY DATE: _____

APPROVED_____ DISAPPROVED _____

OTHER _____

SIGNATURE OF AUTHENTICATION _____

FORM GB-113, Revised 12/2007

City of Jacksonville, Florida

Lenny Curry, Mayor

Department of Public Works
Traffic Engineering Division
1007 Superior Street
Jacksonville, FL 32254
(904) 255-7533
www.coj.net

ONE CITY. ONE JACKSONVILLE

TO: Greg Pease, Chief of Procurement

FROM: Christopher LeDew, P.E., Chief

THROUGH: John Pappas, P.E., Director

DATE: January 2, 2020

SUBJECT: Single Source – ITS Express Network Switches (ITS-8012-24 Kit)
Express Supply, Inc.
Requisition 268197

Currently, the ITS Express Network Switches that are downtown are over ten years old and are starting to fail. Each signalized intersection has a network switch. This project is to replace the downtown switches.

These ITS Express Network Switches are fiber optic connections. Once they start to fail, there is a loss in communication to the traffic signal controller (computer). Lost communication to a signalized intersection will reset the program to a default plant that will be different to the adjacent traffic signals, provide no alarms such as failures or flash more, will not receive timing update and lose synchronization. The new ITS Express Switches will be an upgrade and provide current firmware. These switches will integrate with the current software and will provide smooth operation. The support from Express Supply on all their products is second to none.

Thank you for understanding the need for this Single Source.

nh

Klages, David

From: Copeland, Carlton
Sent: Friday, January 17, 2020 8:06 AM
To: Klages, David
Cc: LeDew, Christopher; Deschenes, Fay
Subject: RE: ITS Express Network Switches.

David,

Any and all Network switches used for roadway applications must be on the FDOT APL list. Due to past maintenance issues and failures experienced with other manufactures, we've identified the ITS Express as the most reliable and durable Industrial Network Switch for Traffic Signal and ITS Applications. The ITS Express is the City of Jacksonville's preferred product and is solely used on FDOT roadways. Note that FDOT roads, Beaver Street, Union Street, Main Street, Bay Street, Ocean Street, Hart Bridge, Main St Bridge and Acosta Bridge signals will require ITS Express Switches. Consistency with the type of network switch used within the CBD is gravely important. This ensures all TCP-IP protocols, bandwidths and link capabilities are the same.

Additionally, JSO, FDOT, JTA and ITD have various devices within the CBD that connect to these network switches. Their data that traverses the network is secure and very important to public safety. It would not be responsible or prudent on our part to change manufactures, or mix and match network switches.

I hope this information helps.

From: Klages, David
Sent: Thursday, January 16, 2020 2:29 PM
To: Copeland, Carlton
Cc: LeDew, Christopher
Subject: ITS Express Network Switches.

Good afternoon Carlton. Before I create a Single Source award for the ITS Network Switches I need to ask if there are any other manufacturer's switches that are compatible with the ITS Express hardware currently in use in the downtown area. Would you please let me know?

Thank you,

David R. Klages
Purchasing Analyst
City of Jacksonville, Procurement Division
214 N. Hogan Street, Suite 800
Jacksonville, FL 32202
Phone: (904) 255 – 8813
Email: dklages@coj.net

CITY OF JACKSONVILLE

SINGLE SOURCE REQUEST

Pursuant to the City of Jacksonville Procurement Code § 126.206 & § 126.312, when requesting a purchase from a vendor subject to the referenced sections, please complete this form to justify your request and submit to Procurement with applicable attachments.

REQUESTING AGENCY (DEPT./DIVISION): PW - Traffic Engineering (REQ268197)

FUNDING SOURCE: PWCP32EVP519-069505-PW0914-01

BRIEF DESCRIPTION OF GOODS/SERVICES:

ITS Express ITS-8012-24 Kit. Network switches are fiber optic connections. This is a project to replace the ITS Express Network Switches in the downtown area which are 10+ years old and starting to fail in communicating with the traffic signal controller (computer). The new ITS Express Network Switches will be more efficient & will have upgraded firmware

AMOUNT OF PROJECT (attach quote): $158 398 56

PROVIDE A SUMMARY OF THE SCOPE OF GOODS/SERVICES TO BE PROVIDED; IDENTIFY EACH ITEM, COMPONENT OR SERVICE BEING PROCURED (ATTACH QUOTE/PROPOSAL):

ITS Express Network Switches will be replaced at the downtown locations. Lost communication to a signalized intersection will reset the program to a default plan that will be different from the adjacent traffic signals provide no alarms such as failures or flashe mode will not receive timing updates and lose synchronization. Each intersection has an ITS Express Network switch and will be replaced by the new, upgraded version

PROVIDE A DETAILED JUSTIFICATION AS TO WHY THE REQUESTED GOODS/SERVICES CAN ONLY BE EFFICIENTLY AND EFFECTIVELY PROCURED THROUGH THE RECOMMENDED SINGLE SOURCE PROVIDER:

The current ITS Express Network Switches are connected to the current network. The ITS Express ITS-8012 24-Kit is the upgraded version of these switches. These switches will connect directly to the current network providing a seamless upgrade & operation.

ASSERT THAT YOU HAVE RESEARCHED THE AVAILABILITY OF THE REQUESTED GOODS/SERVICES FROM OTHER SOURCES IN APPLICABLE MARKETS AND HAVE DISCUSSED AND EVALUATED THE SAME WITH COJ'S PROCUREMENT AND EBO DIVISIONS:

Research has been conducted with regard to the availability of the requested goods/services from other sources in applicable markets

Submitted by: Carlton Copeland — Traffic Signal Supervisor, ITS Manager

(Name) (Title)

Date:

Requesting Agency's Director's Signature: John Popp

Procurement Division

March, 2017

Express Supply Inc.

Quote

632 Gatlin Av.
Orlando, Fl. 32806

Voice 407-497-8614
accounting@expresssupply.net

Quote # *01049229*

Date: *12/30/19*

Bill To:
Finance Payables City Of Jacksonville
117 W. Duvall St.
Suite 375
Jacksonville, Fl. 32254
USA

Ship To:
Finance Payables City Of Jacksonville
117 W. Duvall St.
Suite 375
Jacksonville, Fl. 32254
USA

Customer #	Payment Terms	Sales Rep.	Ship Via	Quote Good For:
100018	Net 20	Matt Merriam		30 Days

Qty.	ITEM #	DESCRIPTION	Price	Amount
144	ITS-8012-24 Kit	ITS Express ITS-8012-24 Kit Hardened Multi-Cast Switch: 8x 100/1000 sfp combos, 16x 10/100/1000 copper. Includes Din Rails, PS and two optics (Copes Choice) State Contract DOT-ITB-20-9034-GH (Pages 16)	$1,099.99	$158,398.56

State Contract: DOT-ITB-20-9034-GH

All Quotes are good for 30 Days. Express Supply is not responsible for take offs or quantities. It is the purchasers responsiabilities for double checking takeoffs and quantities needed.All sales are based only off Express Supply's terms and conditions

Subtotal	$158,398.56
Shipping	$0.00
Sales Tax:	$0.00
Total	**$158,398.56**

ITS EXPRESS

12-31-2019

ITS Express Inc.
21 Drennen Rd.
Orlando, Fl. 32806

This letter serves to inform you that ITS Express, Inc. recognizes Express Supply as the sole distributor of ITS-Express hardened network devices in Florida.

ITS Express products include the highest temperature chipsets available, these utilizing efficient technology to deliver maximum performance at low power consumption.

ITS Express switches are the only devices to include proprietary ITS-Ring ethernet ring protection switching, sFlow, and copper-cable testing in a Layer-2+ managed device. The fiber optic bypass switch is also currently available exclusively from ITS Express.

- **Model Number:** ITS Express 80XX Series
- **APL Certification Number:** 684-002-007
- **Comment:** "(80 series including the ITS-8012/20/24/28/40, with -24, V2, and plus model extension)(Models Tested: ITS-8040 with FW Version 1.17 and ITS-8040+ with Kernel Version 9.00 and Software Version v1.03) (includes old certification #:78461201219013).

Respectfully Submitted,

Matt Merriam
VP Sales
ITS Express Inc.
407-516-0662

QWS3270X 1/23/2020 2:08 PM
FAML6350 V5.1 ** NW COJ FAMIS PRODUCTION ** 01/23/2020
LINK TO: ACCOUNT SUMMARY INQUIRY 2:07 PM

FISCAL MO/YEAR : 04 2020 CURRENCY CODE :
INDEX CODE : PWCP32EVP519 PUBLIC WORKS VARIOUS CAPITAL PROJECTS
SUBOBJECT : 069505 DM-OTHER CONSTRUCTION COSTS
PROJECT : PW0914 DOWNTOWN NETWORK SWITCHES REPLACEMENT
PROJECT DETAIL : 01 DOWNTOWN NETWORK SWITCHES REPLACEMENT
GRANT :
GRANT DETAIL :
USER CODE :

S	JAN 2020	ANNUAL BALANCE	ALL YEARS BALANCE
ESTIMATED REVENUES	.00	.00	.00
REVENUES	.00	.00	.00
UNREALIZED REVENUES	.00	.00	.00
BUDGET	.00	250,000.00	250,000.00
EXPENDITURES	.00	.00	.00
ENCUMBRANCES	.00	.00	.00
PRE-ENCUMBRANCES	158,398.56	158,398.56	158,398.56
REMAINING BALANCE	-158,398.56	91,601.44	91,601.44

F1-HELP F2-SELECT F4-PRIOR F5-NEXT
F9-LINK F10-PRIOR-MO F11-NEXT-MO

G014 - RECORD FOUND