

MANATEE COUNTY GOVERNMENT INTENT TO AWARD

SUBJECT	Intelligent Transportation Systems, Advanced Traffic Management System (ATMS) SR70 Adaptive Signal Control Project (Project #6084261 6.2) (Financial Project #438870-1-58-01)	DATE POSTED	MC <u>7/7/17</u> se DS <u>7/7/17</u> se CC <u>N/A</u>
PURCHASING REPRESENTATIVE	Olga Valcich, Ext 3055	DATE CONTRACT SHALL BE AWARDED	<i>70 days after posting</i>
DEPARTMENT	Public Works Department	CONSEQUENCES IF DEFERRED	<i>[Signature]</i>
SOLICITATION	IFB17-0413OV	AUTHORIZED BY DATE	Melissa Wendel July <u>7</u> , 2017

NOTICE OF INTENT TO AWARD

Notice of Intent to Award, Invitation for Bid 17-0413OV, Intelligent Transportation Systems, Advanced Traffic Management System (ATMS) SR70 Adaptive Signal Control (Project #6084261 6.2) to the lowest, responsive, responsible bidder Traffic Control Devices, Inc., P.O. Box 150418, Altamonte Springs, FL 32715 for a total base bid of \$267,190.00 based on work to be completed within 120 calendar days after the Notice to Proceed has been issued.

ENABLING/REGULATING AUTHORITY

Federal/State law(s), administrative ruling(s), Manatee County Comp Plan/Land Development Code, ordinances, resolutions, policy.

Manatee County Code of Laws

BACKGROUND/DISCUSSION

This project is in accordance with the Local Agency Program (LAP) Supplemental Agreement dated June 30, 2017 for the installation of conduit through open trench, directional drill and any above ground work as necessary to house multi conductor communication cable for new Vehicle Detection Electronics. Some sidewalk and driveway demolition and construction will be necessary in order to construct the new Vehicle Detection Electronics.

The project area occurs at ten (10) different signal (intersection) locations as follows:
SR70 (53rd Ave E) at 5th St W, 9th St E, 15th St E, I-75 SB Off Ramp, I-75 NB Off Ramp, 87th St E / Ranch Lake Boulevard, at Braden River Run, at Forest Run Dr / River Club Boulevard, Lakewood Ranch Boulevard and US301 (SR683) / 15th St Boulevard at 51st Ave E.

All work performed shall be in accordance with the Department of Transportation Specifications, Division II and III, the Standard Specifications for Road and Bridge Construction, 2017 Edition and all Supplemental Specifications thereto, hereinafter referred to as the Standard Specifications, for roadway construction, except as amended under this contract. The Contractor's work shall follow the Manatee County Public Works Utility Standards and Specifications dated July 2016 for any utility work.

ATTACHMENTS: (List in order as attached)	<ul style="list-style-type: none"> • Department Recommendation • Tabulation 	FUNDING SOURCE (Acct Number & Name)	304-6084261-534000/6084261-0004 / Gas Taxes/Impact Fees
COST	\$267,190.00	AMT/FREQ OF RECURRING COSTS (Attach Fiscal Impact Statement)	N/A

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IFB17-0413OV
July 7, 2017

Formal competitive sealed bid procedures were followed resulting in a total of two (2) bidders submitting a sealed bid for consideration per the attached cost tabulation.

Florida Department of Transportation (FDOT) recommendation and approval was received to move forward with the award to Traffic Control Devices, Inc., P.O. Box 150418, Altamonte Springs, FL 32715.

The Public Works Department has recommended award to Traffic Control Devices, Inc., the lowest, responsive, responsible bidder.

MEMORANDUM



To: Melissa M. Wendel, CPPO, Purchasing Official
From: Jeff Streitmatter III, P.E., Project Management Div. Manager
Date: July 5, 2017
Subject: ITS, ATMS SR 70 Adaptive Signal Control Project
Traffic Control Devices, Inc.
Recommendation for Award - IFB#17-0413OV

The bids for the above referenced project have been reviewed by staff. The bid tabulation form is attached for your review. It is recommended that the contract Bid with a construction time of 120 Days be awarded to the lowest responsive, responsible bidder, Traffic Control Devices, Inc. in the amount of \$267,190.00 and in accordance with the terms and conditions of the bid package. Upon completion of project award, please provide a copy of the purchase order assigned to the contractor. The funding source for this contract is Gas Taxes/Impact Fees.

The project has received a supplemental agreement with sufficient funds to cover the bid amount by the contractor. The Notice to Proceed from FDOT is attached for reference..

Please contact Michael L. Sturm, P.E. if you have any questions regarding the attached documents.

Thank you for your continued assistance.

JS/ms

cc: Ron Schulhofer, Director, Public Works
Sia Mollanazar, P.E., Deputy Director, Engineering Services
Carmen Mosley, MA, Senior Fiscal Services Division Manager
Michael L. Sturm, P.E., Project Manager
Project File: 6084261 9.2

Public Works Department
Project Management Division
1022 26th Avenue East, Bradenton, FL 34208-3926
Phone number: (941) 708-7450



Florida Department of Transportation

RICK SCOTT
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

MIKE DEW
SECRETARY

June 28, 2017

Michael Sturm, P.E.
Project Manager
Manatee County
1022 26th Ave. E
Bradenton, FL 34208

RE: NOTICE TO PROCEED –CONSTRUCTION PHASE

Financial Project #: 438870-1-58-01
Agency: Manatee County
Federal Aid Project #: ASCT 001 A
Contract #: G0D59
Description: Manatee County SR 70 ASCT

Dear Mr. Sturm:

In accordance with the Local Agency Program (LAP) Agreement, dated June 30, 2016 between the Department and Manatee County for the construction of the above referenced project, *you are hereby authorized to proceed with the Construction phase* on this project. Services are to begin on or after **June 28, 2017** and be completed on or before **December 31, 2018**.

A copy of your Notice to Proceed for construction services must be uploaded into LAPIT along with the entire executed contract. **Manatee County** will also need to send an invitation for the pre-construction meeting to Charles R. Reed the LAP Construction Manager, Albert Rosenstein (Manatee Operations) and Jobin Abraham, the Local Program Coordinator. Lastly, **Manatee County** will send written correspondence to my attention of the commencement and completion of the phase. Please be mindful that the **Manatee County** shall be obligated to submit an invoice to the Department for the percentage of work that is complete for this project no less frequently than on a quarterly basis from the date of this NTP. Upon completion of the project phase, the Department will have forty-five (45) working days after receipt of the invoice to review, inspect and approve the project phase for payment.

Please contact Albert Rosenstein, Operation Center Manager at (941) 708-4400 a week or more before commencing work.

If I can be of further assistance, please contact Jobin Abraham at (863) 519-2324 or e-mail at jobin.abraham@dot.state.fl.us

Sincerely,

Jobin Abraham
Local Agency Program Coordinator
FDOT, District One

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
LOCAL AGENCY PROGRAM
SUPPLEMENTAL AGREEMENT

525-010-32
PROGRAM MANAGEMENT
03/17
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SUPPLEMENTAL NO.
01

FEDERAL ID NO. (FAIN)
ASCT 001 A

CONTRACT NO.
GoD59

FEDERAL AWARD DATE

FPN
438870-1-58-01

LOCAL AGENCY DUNS NO.
07-759-48.10

The MANATEE COUNTY desires to supplement the original Agreement entered into and executed on June 30th 2016 as identified above. All provisions in the original Agreement and supplements, if any, remain in effect except as expressly modified by this supplement.

The changes to the Agreement and supplements, if any, are described as follows:

PROJECT DESCRIPTION

Name Manatee County SR 70 ASCT Length 9.209 miles

Terminl SR 70 along the associated 10 intersections specified in Exhibit A of the LAP Agreement

Description of Work:

The Florida Department of Transportation (FDOT) and Manatee County were selected as recipients of an AID Demonstration grant in the amount of \$1,000,000.00 to install Adaptive Signal Control Technology (ASCT) to signalized intersections on a 9.2 mile segment of State corridor SR 70.

This project proposes to install an Adaptive Signal Control Technology (ASCT) system at 10 signalized intersections and to connect them back to the Regional Traffic Management Center (RTMC) using existing fiber network. This proposed technology would support Regional Active Arterial Management by adapting in real time to unexpected variability and unpredictability in traffic demand, and thereby enhance safety, mobility and reliability of the corridor.

Associated FM #'s:

The Department has agreed to purchase equipment and transfer materials to Manatee County for this purpose with funding allocated under FM#: 438870-1-53-01 up to the funding amount of \$790,000.00.

The Department has agreed to reimburse Manatee County for Construction services under FM#: 438870-1-58-01 up to the funding amount of \$210,000.00

Per grant requirement, FDOT and Manatee County has agreed to match 20% of the project cost utilizing local funds up to the funding amount of \$200,000.00 for Construction services.

Reason for Supplement and supporting engineering and/or cost analysis:

Manatee County requested to reallocate \$57,190 of Phase 53 (Equipment Purchase) funds to Phase 58 (Construction) to cover additional construction cost.

FM#: Decrease Phase 438870-1-53-01 from \$790,000.00 to \$732,810.00

FM#: Increase Phase 438870-1-58-01 from \$210,000.00 to \$267,190.00

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
**LOCAL AGENCY PROGRAM
 SUPPLEMENTAL AGREEMENT**
ADJUSTED EXHIBIT B SCHEDULE OF FUNDING

525-010-32
 PROGRAM MANAGEMENT
 03/17
 Page 2 of 3

FPN
 438870-1-58-01

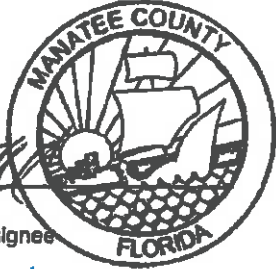
TYPE OF WORK By Fiscal Year	FUNDING				
	(1) PREVIOUS TOTAL PROJECT FUNDS	(2) ADDITIONAL PROJECT FUNDS	(3) CURRENT TOTAL PROJECT FUNDS	(4) TOTAL AGENCY FUNDS	(5) TOTAL STATE & FEDERAL FUNDS
Planning					
FY: _____					
FY: _____					
FY: _____					
FY: _____					
FY: _____					
Total Planning Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Project Development & Environment (PD&E)					
FY: _____					
FY: _____					
FY: _____					
FY: _____					
FY: _____					
Total PD&E Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Design					
FY: _____					
FY: _____					
FY: _____					
FY: _____					
FY: _____					
Total Design Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Right-of-Way					
FY: _____					
FY: _____					
FY: _____					
FY: _____					
FY: _____					
Total Right-of-Way Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Construction - Phase 58					
FY: 15/16	\$210,000.00		\$210,000.00	\$200,000.00	\$210,000.00
FY: 16/17			\$57,190.00		\$57,190.00
FY: _____					
FY: _____					
FY: _____					
Total Construction Cost	\$210,000.00	\$0.00	\$267,190.00	\$200,000.00	\$267,190.00
Equipment Purchase - Phase 53					
FY: 15/16					
FY: 16/17	\$780,000.00		\$732,810.00		\$732,810.00
FY: _____					
FY: _____					
FY: _____					
Total Equipment Purchase Cost	\$780,000.00	\$0.00	\$732,810.00	\$0.00	\$732,810.00
Total Equipment Purchase & Construction Cost	\$1,000,000.00	\$0.00	\$1,000,000.00	\$200,000.00	\$1,000,000.00
TOTAL COST OF THE PROJECT	\$1,000,000.00	\$0.00	\$1,000,000.00	\$200,000.00	\$1,000,000.00

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
LOCAL AGENCY PROGRAM
SUPPLEMENTAL AGREEMENT

625-010-32
PROGRAM MANAGEMENT
03/17
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IN WITNESS WHEREOF, the parties have caused these presents to be executed the day and year first above written.

AGENCY MANATEE COUNTY



By: [Signature]

Name: Betsy Benac
Title: BOCC Chairman or Designee

Attest: By: [Signature]

Name: Angelina M. Colonnese
Title: Clerk of the Circuit Court

Date: June 6, 2017

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

By: [Signature]

Name: Chris Smith
Title: Director of Transportation Support or Designee

Attest: [Signature]

Name: Geraldine McCants
Title: Administrative Assistant

Date: 6/27/17

^{gaw}
_{4/27/17} Legal Review:

[Signature]
APPROVED AS TO FORM AND LEGALITY
DON CONWAY, SENIOR ATTORNEY FDOT

RESOLUTION R-17-057

A RESOLUTION OF THE BOARD OF COUNTY COMMISSIONERS, MANATEE COUNTY, FLORIDA, AUTHORIZING EXECUTION OF SUPPLEMENTAL LOCAL AGENCY PROGRAM (LAP) AGREEMENT WITH THE FLORIDA DEPARTMENT OF TRANSPORTATION FOR AN INCREASE IN FUNDING OF FPN: 438870-1-58-01

WHEREAS, it is the policy of the State of Florida to construct and make improvements to the state transportation system in a cooperative partnership; and

WHEREAS, the Local Agency Program (LAP) has been created by Section 334.044(2), Florida Statutes, to allow local governments to perform various project functions for projects identified in the Florida Department Of Transportation work program; and

WHEREAS, the State of Florida Department Of Transportation having requested the County of Manatee, Florida, to execute and deliver to the State of Florida Department of Transportation the Supplemental Local Agency Program (LAP) Agreement Project Number listed above;

NOW THEREFORE, BE IT RESOLVED by the Board of County Commissioners of Manatee County, Florida, that the Chairman of the Board of County Commissioners, or in her absence, the Vice Chairman is hereby authorized and directed to make, execute and deliver to the State of Florida Department of Transportation the aforementioned Supplemental Local Agency Program (LAP) Agreements with the State of Florida Department of Transportation.

BE IT FURTHER RESOLVED that this Resolution be forwarded to the State of Florida Department of Transportation along with the executed Agreement.

PASSED AND DULY ADOPTED with a quorum present and voting this the 6th day of June, 2017.



BOARD OF COUNTY COMMISSIONERS
MANATEE COUNTY, FLORIDA

By: [Signature]
Betsy Benac, Chairman

ATTEST: ANGELINA M. COLONNESO
Clerk of the Circuit Court

By: [Signature]
Deputy Clerk

STATE OF FLORIDA, COUNTY OF MANATEE
This is to certify that the foregoing is a true and correct copy of the document on file in my office.

- No redactions
- Redacted pursuant to law
- Full Document
- Page ___ of ___
- Not LDA
- Letter of Administration is in full force and effect



Witness my hand and official seal this 6th day of June 2017.
MANATEE COUNTY CLERK OF THE CIRCUIT COURT
By: [Signature]
Deputy Clerk

BID FORM
(Submit in Duplicate)
IFB17-04130V

IFB 17-04130V

Intelligent Transportation Systems , Advanced Traffic Management System (ATMS)
SR 70 Adaptive Signal Control Project (Project 6084261 6.2)
Financial Project ID (Federal Funds) 438870-1-58-01
BID Based on Completion Time of 120 Calendar Days

ITEM #	FDOT ITEM	DESCRIPTION	QTY	U/M	Traffic Control Devices, Inc., PO Box 150418 Altamonte Spring, FL 32715, Phone:407-869-5300		American Lighting and Signalization, Inc., 11639 Davis Creek Rd., East Jacksonville, FL 32256, Phone: 904-886-4300	
					Bid Price Per Unit	Total Extended Price	Bid Price Per Unit	Total Extended Price
1	101-1	MOBILIZATION	1	LS	\$12,000.00	\$12,000.00	\$30,000.00	\$30,000.00
2	102-1	MAINTENANCE OF TRAFFIC	1	LS	\$27,625.00	\$27,625.00	\$60,000.00	\$60,000.00
3	522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	135	SY	\$126.00	\$17,010.00	\$200.00	\$27,000.00
4	630-2-11	CONDUIT, F & I OPEN TRENCH	360	LF	\$23.50	\$8,460.00	\$10.00	\$3,600.00
5	630-2-12	CONDUIT, F & I DIRECTIONAL BORE	1020	LF	\$21.65	\$22,083.00	\$20.00	\$20,400.00
6	630-2-14	CONDUIT, F & I ABOVEGROUND	30	LF	\$23.00	\$690.00	\$20.00	\$600.00
7	633-8-1	MULTI-CONDUCTOR COMMUNICATION CABLE, FURNISH, ETHERNET	6,747	LF	\$4.50	\$30,361.50	\$6.00	\$40,482.00
8	633-8-6	MULTI-CONDUCTOR COMMUNICATION CABLE, REMOVE	750	LF	\$1.45	\$1,087.50	\$1.00	\$750.00
9	635-2-11	PULL & SPLICE BOX, F & I, 17" x 30" x 12"	18	EA	\$956.00	\$17,208.00	\$800.00	\$14,400.00
10	660-4-31	VEHICLE DETECTION SYSTEM, VIDEO INSTALL, CABINET EQUIPMENT	10	EA	\$1,410.00	\$14,100.00	\$1,000.00	\$10,000.00

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SR 70 Adaptive Signal Control Project
Based on 120 Cal. Day Completion
IFB17-04130V

BID FORM
(Submit in Duplicate)
IFB17-04130V

IFB 17-04130V

Intelligent Transportation Systems , Advanced Traffic Management System (ATMS)
SR 70 Adaptive Signal Control Project (Project 6084261 6.2)
Financial Project ID (Federal Funds) 438870-1-58-01

BID Based on Completion Time of 120 Calendar Days

ITEM #	FDOT ITEM	DESCRIPTION	QTY	U/M	Traffic Control Devices, Inc., PO Box 150418 Altamonte Springs, FL 32715, Phone:407-869-5300		American Lighting and Signalization, Inc., 11639 Davis Creek Rd., East, Jacksonville, FL 32256, Phone: 904-886-4300	
					Bid Price Per Unit	Total Extended Price	Bid Price Per Unit	Total Extended Price
11	660-4-32	VEHICLE DETECTION SYSTEM, VIDEO INSTALL, ABOVE GROUND EQUIPMENT MOUNTING HARDWARE FURNISH BY CONTRACTOR, CAMERA INSTALLATION BY CONTRACTOR	38	EA	\$1,145.00	\$43,510.00	\$1,000.00	\$38,000.00
12	660-4-42	VEHICLE DETECTIN SYSTEM, VIDEO RELOCATE ABOVE CABINET EQUIPMENT	2	EA	\$895.00	\$1,790.00	\$500.00	\$1,000.00
13	660-4-60	VEHICLE DETECTION SYSTEM, VIDEO REMOVE	16	EA	\$430.00	\$6,880.00	\$300.00	\$4,800.00
14	660-6-121	VEHICLE DETECTION SYSTEM-AVI, BLUETOOTH, F & I, CABINET EQUIPMENT	3	EA	\$1,365.00	\$4,095.00	\$1,600.00	\$4,800.00
15	660-6-122	VEHICLE DETECTION SYSTEM-AVI, BLUETOOTH, F & I, ABOVE GROUND EQUIPMENT	3	EA	\$12,000.00	\$36,000.00	\$6,500.00	\$19,500.00
TOTAL BASE BID BASED ON A COMPLETION TIME OF 120 CALENDAR DAYS								
CONTRACT CONTINGENCY (10% OF TOTAL BASE BID (Used only with County Approval))								
TOTAL CONTRACT AWARD WITH 10% CONTRACT CONTINGENCY								

BID FORM / TRAFFIC CONTROL DEVICES
 (Submit in Duplicate)
 IFB 17-04130V

IFB #16-22120V

Intelligent Transportation Systems, Advanced Traffic Management System (ATMS)
SR 70 Adaptive Signal Control Project
Financial Project ID (Federal Funds) 438870-1-50-01
BID Based on Completion Time of 120 Calendar Days

ITEM #	FDOT ITEM	DESCRIPTION	%	DB/MB/BE	DESCRIPTION OF WORK BY SUBCONTRACTOR
1	101-1	MOBILIZATION			
2	102-1	MAINTENANCE OF TRAFFIC			
3	522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK			
4	630-2-11	CONDUIT, F & I OPEN TRENCH			
5	630-2-12	CONDUIT, F & I DIRECTIONAL BORE		N/A	Directional Bore Installation
6	630-2-14	CONDUIT, F & I ABOVEGROUND			
7	633-8-1	MULTI-CONDUCTOR COMMUNICATION CABLE, FURNISH, ETHERNET			
8	633-8-5	MULTI-CONDUCTOR COMMUNICATION CABLE, REMOVE			
9	635-2-11	PULL & SPLICE BOX, F & I, 17" x 30" x 12"			
10	660-4-31	VEHICLE DETECTION SYSTEM, VIDEO INSTALL, CABINET EQUIPMENT			

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 SR 70 Adaptive Signal Control Project
 Based on 120 Cal. Day Completion
 %Of Subcontractor
 IFB17-04130V

BID FORM / TRAFFIC CONTROL DEVICES
 (Submit in Duplicate)
 IFB 17-0413OV

FB 17-2202OV

Intelligent Transportation Systems, Advanced Traffic Management System (ATMS)
SR 70 Adaptive Signal Control Project
Financial Project ID (Federal Funds) 438870-1-58-01
BID Based on Completion Time of 120 Calendar Days

ITEM #	FOOT ITEM	DESCRIPTION	%	DBE/WBE	DESCRIPTION OF WORK BY SUBCONTRACTOR
11	660-4-32	VEHICLE DETECTION SYSTEM, VIDEO INSTALL, ABOVE GROUND EQUIPMENT MOUNTING HARDWARE FURNISH BY CONTRACTOR, CAMERA INSTALLED BY CONTRACTOR			
12	660-4-42	VEHICLE DETECTION SYSTEM, VIDEO RELOCATE ABOVE CABINET EQUIPMENT			
13	660-4-60	VEHICLE DETECTION SYSTEM, VIDEO REMOVE			
14	660-6-121	VEHICLE DETECTION SYSTEM-AVI, BLUETOOTH, F & I CABINET EQUIPMENT			
15	660-6-122	VEHICLE DETECTIN SYSTEM-AVI, BLUETOOTH F & I, ABOVE GROUND EQUIPMENT			
<p align="center">THIS IS A DUPLICATION OF THE BID ITEMS WHERE THE BIDDER SHALL STATE THE PERCENT OF WORK (OF EACH ITEM LISTED) AND A DESCRIPTION OF THE WORK WHICH SHALL BE PERFORMED BY A SUBCONTRACTOR</p>					

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 SR 70 Adaptive Signal Control Project
 Based on 120 Cal. Day Completion
 %Of Subcontractor
 IFB17-0413OV

**AMERICAN LIGHTING / % OF Subcontractor Work
(Submit in Duplicate)
IFB 17-04130V**

FB 716-32420V

**Intelligent Transportation Systems, Advanced Traffic Management System (ATMS)
SR 70 Adaptive Signal Control Project
Financial Project ID (Federal Funds) 438870-1-58-01
BID Based on Completion Time of 120 Calendar Days**

ITEM #	FDOT ITEM	DESCRIPTION	%	DBEWBE	DESCRIPTION OF WORK BY SUBCONTRACTOR
1	101-1	MOBILIZATION	6%	DBE	Futurworks - MOB.
2	102-1	MAINTENANCE OF TRAFFIC	8%	N/A	Bobs Barricades - MOT Items
3	522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	48%	N/A	Ace Construction - Sidewalk
4	630-2-11	CONDUIT, F & I OPEN TRENCH	65%	DBE	Futurworks - Conduit
5	630-2-12	CONDUIT, F & I DIRECTIONAL BORE	68%	DBE	Futurworks - Conduit
6	630-2-14	CONDUIT, F & I ABOVEGROUND	0%		
7	633-8-1	MULTI-CONDUCTOR COMMUNICATION CABLE, FURNISH, ETHERNET	0%		
8	633-8-6	MULTI-CONDUCTOR COMMUNICATION CABLE, REMOVE	0%		
9	635-2-11	PULL & SPLICE BOX, F & I, 17" x 30" x 12"	37%	N/A	Ace Construction - Concrete Pads
10	660-4-31	VEHICLE DETECTION SYSTEM, VIDEO INSTALL, CABINET EQUIPMENT	0%		

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SR 70 Adaptive Signal Control Project
Based on 120 Cal. Day Completion
%Of Subcontractor
IFB17-04130V

**AMERICAN LIGHTING / % OF Subcontractor Work
(Submit in Duplicate)
IFB 17-04130V**

FB 116-22120V

**Intelligent Transportation Systems, Advanced Traffic Management System (ATMS)
SR 70 Adaptive Signal Control Project
Financial Project ID (Federal Funds) 438870-1-58-01
BID Based on Completion Time of 120 Calendar Days**

ITEM #	FDOT ITEM	DESCRIPTION	%	DBE/WBE	DESCRIPTION OF WORK BY SUBCONTRACTOR
11	680-4-32	VEHICLE DETECTION SYSTEM, VIDEO INSTALL, ABOVE GROUND EQUIPMENT MOUNTING HARDWARE FURNISH BY CONTRACTOR, CAMERA INSTALLED BY CONTRACTOR	0%		
12	680-4-42	VEHICLE DETECTION SYSTEM, VIDEO RELOCATE ABOVE CABINET EQUIPMENT	0%		
13	680-4-60	VEHICLE DETECTION SYSTEM, VIDEO REMOVE	0%		
14	680-6-121	VEHICLE DETECTION SYSTEM-AVI, BLUETOOTH, F & I CABINET EQUIPMENT	0%		
15	680-6-122	VEHICLE DETECTIN SYSTEM-AVI, BLUETOOTH F & I, ABOVE GROUND EQUIPMENT	0%		
THIS IS A DUPLICATION OF THE BID ITEMS WHERE THE BIDDER SHALL STATE THE PERCENT OF WORK (OF EACH ITEM LISTED) AND A DESCRIPTION OF THE WORK WHICH SHALL BE PERFORMED BY A SUBCONTRACTOR					

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SR 70 Adaptive Signal Control Project
Based on 120 Cal. Day Completion
%Of Subcontractor
IFB17-04130V

Bid Tabulation for
IFB17-04130V
Intelligent Transportation Systems
Advanced Traffic Management System (ATMS)
SR 70 Adaptive Signal Control Project
Financial Project ID (Federal Funds) 4388670-1-58-01

PREPARED BY: Olga Valcich 2/27/2017
Olga Valcich, Contract Specialist Procurement Division Date:

REVIEWED BY: Vishal Kakkad 2/28/2017
Vishal Kakkad, County Traffic Engineer, Division Manager Date:

APPROVED BY: Michael G. Stumm 2/28/17
Michael Stumm, Project Manager, Project Management Division Date: