



Interoffice Memorandum

APPROVED BY ORANGE  
COUNTY BOARD OF COUNTY  
COMMISSIONERS

January 4, 2016

BCC Mtg. Date: Feb. 9, 2016

TO: Mayor Teresa Jacobs  
and Board of County Commissioners

FROM: Mark V. Massaro, P. E., Director, Public Works Department

CONTACT PERSON: Ruby Dempsey Rozier, Manager  
Traffic Engineering Division

PHONE NUMBER: (407) 836-7890

SUBJ: **Resolution and Joint Participation Agreement Supplemental Amendment Number 1 with the State of Florida Department of Transportation – Equipment Purchase for Advanced Traffic Management System (ATMS) Phase 3 – FM#435529-1-54-01**

The Public Works Traffic Engineering Division and the County Attorney's Office have completed the review of the attached Amendment 1 to the May 13, 2014 Joint Participation Agreement (JPA) with Florida Department of Transportation (FDOT) for the purchase of Advanced Traffic Management System. Phase 3 equipment.

This amendment provides additional funds in Fiscal Year 2015 / 2016 in the amount of \$157,200 for additional equipment purchase. The amendment increases the project funding by \$157,200 to a total of \$3,457,200.

**Action Requested: Approval and Execution of Resolution of the Orange County Board of County Commissioners regarding the Joint Participation Agreement Supplemental Amendment Number 1 with the State of Florida Department of Transportation Concerning the Purchase of an Advanced Traffic Management System (Financial Management Number 435529-1-54-01) and the State of Florida Department of Transportation Joint Participation Agreement Supplemental Amendment Number 1. All Districts.**

MVM/RDR/HE/ns

Attachments

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION  
**JOINT PARTICIPATION AGREEMENT**  
**SUPPLEMENTAL AMENDMENT NUMBER 1**

EXECUTION DATE: March 1, 2016

FM #435529-1-54-01 Agency: Orange County DUNS No.: 06-479-7251 Contract No: ARF34	Fund: ACSU/SU Activity: 215 Federal No.: 4043 139 C CFDA No.: 20.205 DUNS No.: 80-939-7102 Contract Amount: \$3,457,200.00	FLAIR Approp: 088716 FLAIR Obj.: 780000 Org. Code: 55054010508 Vendor No.: F596000773-011
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The terms of the original Joint Participation Agreement between the STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION and ORANGE COUNTY for the Project described as the “Equipment Purchase for a County-Wide Advanced Traffic Management System (ATMS) Phase 3” executed on June 2, 2014, are hereby amended as follows:

The Department has authorized additional funds in Fiscal Year 2015/2016 in the amount of \$157,200.00 (One Hundred Fifty Seven Thousand Two Hundred Dollars and No/100) for additional equipment purchase. This executed Amendment will serve as notice that the Total Lump Sum Amount for this Agreement is now increased to \$3,300,000.00 (Three Million Three Hundred Thousand Dollars and N/100) for Fiscal Year 2013/2014 and \$157,200.00 (One Hundred Fifty Seven Thousand Two Hundred Dollars and No/100) for Fiscal Year 2015/2016 for a total of \$3,457,200.00 (Three Million Four Hundred Fifty Seven Thousand Two Hundred Dollars and No/100).

The LOCAL GOVERNMENT understands that the LOCAL OVERNMENT may not utilize the additional funding until the funds have been authorized and this Amendment has been executed by both parties hereto. **Any purchases made prior to the funds being authorized and this Amendment being executed, are not subject to reimbursement.**

Except as hereby modified, amended or changed, all of the terms and conditions of said original Agreement thereto will remain in full force and effect.

Attachments:       Exhibit “B,” Revised Estimated Project Budget  
                          Exhibit “C,” Revised CFDA Compliance Requirements  
                          Exhibit “D,” Resolution for Amendment only

IN WITNESS WHEREOF, the LOCAL GOVERNMENT has executed this Agreement this \_\_\_\_\_ day of FEB 09 2016, 20\_\_\_\_, and the DEPARTMENT has executed this Agreement this 1<sup>st</sup> day of March, 2016.

ORANGE COUNTY, FLORIDA  
By: BOARD OF COUNTY COMMISSIONERS

STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION

By: Teresa Jacobs  
Teresa Jacobs  
Orange County Mayor

By: Alan E. Hyman, P.E.  
Alan E. Hyman, P.E.  
Director of Transportation Operations

Attest: Martha O. Haynie, County Comptroller  
As Clerk to the Board of County Commissioners

Attest: [Signature]  
Executive Secretary

By: Craig A. Stopyta  
Deputy Clerk

Print: Craig A. Stopyta

Legal Review: [Signature]  
NDOT Attorney



Authorization Received From  
The Comptroller's Office As  
To Availability of Funds:

February 29, 2016

**EXHIBIT "B"**  
**REVISED ESTIMATED PROJECT BUDGET**

**Financial Management Number: 435529-1-54-01**

See next page

**Orange County ATMS Phase 3 Cost Estimate - Revised**

#	Description	Quantity	Unit Price	Total Price
1	InSync Fusion - NEMA Adaptive Signal Control System	41	\$ 31,150	\$ 1,277,150
2	Spare InSync System (recommended 1 per 10 intersections)	4	\$ 12,500	\$ 50,000
3	InSync Pedestrian Module	41	\$ 5,000	\$ 205,000
4	10" LCD monitor, integrated USB mouse/keyboard	41	\$ 700	\$ 28,700
5	Ethernet repeaters	0	\$ 500	\$ -
6	VPN Router	0	\$ 500	\$ -
7	InSync Comprehensive Coverage for 3 additional years (a total of 5 years) @ \$750/year	41	\$ 2,250	\$ 92,250
8	ITS Managed Field Ethernet Switch	41	\$ 1,100	\$ 45,100
9	Camera Mounting Arm	41	\$ 900	\$ 36,900
10	Camera Mounting Bracket	164	\$ 200	\$ 32,800
11	Cat 5e Cable (1000 LF)	41	\$ 800	\$ 32,800
12	Bluetooth Travel Time Readers	34	\$ 3,200	\$ 108,800
13	Bluetooth Antenna	34	\$ 300	\$ 10,200
14	TS2 Size 6 Cabinet with UPS Assembly	41	\$ 18,500	\$ 758,500
15	TS2-2 Signal Controller	100	\$ 2,500	\$ 250,000
16	Wireless Transceiver	20	\$ 1,100	\$ 22,000
17	Ethernet Switch	120	\$ 1,100	\$ 132,000
18	Video Wall Replacement	1	\$ 375,000	\$ 375,000
<b>TOTAL</b>				<b>\$ 3,457,200</b>

## EXHIBIT "C"

### **Federal Resources Awarded to the Recipient Pursuant to This Agreement Consist of the Following:**

**Federal Agency:** Federal Highway Administration

**CFDA #:** 20.205 Highway Planning and Construction

**Amount:** \$3,457,200.00

#### **Compliance Requirement:**

**Allowable Activities:** To be eligible, most projects must be located on public roads that are not functionally classified as local. The major exceptions are the Highway Bridge Replacement and Rehabilitation Program, which provides assistance for bridges on and off the federal-aid highways, highway safety activities, bicycle and pedestrian projects, transportation enhancement activities, the recreational trails program, and planning, research, development, and technology transfer. Proposed projects meeting these and other planning, design, environmental, safety, etc., requirements can be approved on the basis of state and local priorities within the limit of the funds apportioned or allocated to each state.

**Allowable Costs:** Eligible activities and allowable costs will be determined in accordance with Title 23 and Title 49 C.F.R. and the OMB cost principles applicable to the recipient/sub-recipient.

**Eligibility:** By law, the federal-aid highway program is a federally assisted state program that requires each state to have a suitably equipped and organized transportation department. Therefore, most projects are administered by or through State Departments of Transportation (State DOTs). Projects to be funded under the federal-aid highway program are generally selected by state DOTs or Metropolitan Planning Organizations (MPOs), in cooperation with appropriate local officials, as specified in 23 U.S.C. and implementing regulations. Territorial highway projects are funded in the same manner as other federal-aid highway projects, with the territorial transportation agency functioning in a manner similar to a state DOT. Most Florida Land Highway Program (FLHP) projects are administered by the Federal Highway Administration (FHWA) Office of Federal Lands Highway and its Divisions or by the various Florida Land Management Agencies (FLMAs). Under the FLHP, projects in the Indian Reservation Road (IRR) Program are selected by Tribal Governments and are approved by the Bureau of Indian Affairs (BIA) and the FHWA. Due to recent legislation, Tribal Governments meeting certain requirements may now administer various IRR projects on behalf of the BIA and FHWA. The Fish and Wildlife Service (FWS) and the National Park Service (NPS) select projects in the Refuge Road and Park Roads and Parkways Programs, respectively. For the Forest Highway Program, the Forest Service, the States and the FHWA jointly select projects.

**Compliance Requirements Applicable to the Federal Resources Awarded Pursuant to This Agreement Are As Follows:** The recipient of Federal funding must comply with the statutory requirements in Sections 112.061, 215.422, 339.12, and 339.135, Florida Statutes, and Title 23 and Title 49, C.F.R.

This agreement is subject to the following award terms: <http://edocket.access.gpo.gov/2010/pdf/2010-22705.pdf> and <http://edocket.access.gpo.gov/2010/pdf/2010-22706.pdf>."

**EXHIBIT "D"**

**RESOLUTION**

**Financial Management Number: 435529-1-54-01**