



STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
PROPRIETARY PRODUCT CERTIFICATION

630-020-07
PROGRAM MANAGEMENT
06/16

To: James S. Stroz, P.E.
Design Engineer

Date: 02/25/2019

Financial Project ID: 437470-1-52-01 New Const. RRR
Federal Aid Number: D519-026-B
Project Name: Osceola County Advanced Management System Phase IV
State Road Number: Countywide Varis Co. / Sec. / Sub.: _____
Begin Project MP: _____ End Project MP: _____
Full Federal Oversight: No Yes Note: If Yes, submit to FHWA Director.

A justification and all supporting documents must be attached to this document.
Mark the appropriate certification:

"I, Aung Thurain, Deputy Project Manager, of the Gannett Fleming
Print Name of Initiator Position Title Name of Agency

do hereby certify that in accordance with the requirements of 23 CFR 635.411(a)(2),
Mark appropriately (choose only one option):

- that this patented or proprietary item is essential for synchronization with existing highway facilities.
- that no equally suitable alternative exists for this patented or proprietary item."

Aung Thurain 2/25/2019
Signature Date

For Department Use Only

"I, JAMES S. STROZ, JR., DIST. TRAFFIC OPS. ENGINEER
Print Name Position Title

of the Florida Department of Transportation, do hereby approve this certification request made in accordance with the
requirements of 23 CFR 635.411(a)(2),
Mark appropriately (choose only one option):

- that this patented or proprietary item is essential for synchronization with existing highway facilities.
 - that no equally suitable alternative exists for this patented or proprietary item."
- Identify any conditions and limitations:

James S. Stroz, Jr. 2/26/19
Signature Date

Financial Project ID: 437470-1-52-01

Federal Project Number: D519-026-B

Name of Initiator: Lindsey Giovinazzo, Osceola County Traffic Management Center Supervisor

ITEM	Patented or Proprietary Item is Essential for Synchronization with Existing Highway Facilities	No Equally Suitable Alternative Exists for this Patented or Proprietary Item	APPROVED	NOT APPROVED
Daktronics Dynamic Message Signs	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Etherwan Managed Field Ethernet Switches	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Iteris Vantage Velocity Bluetooth Readers	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sigura TKH CCTV Cameras	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>


James S. Stroz, Jr, P.E.

District Traffic Operations Engineer

Transportation & Transit Department



February 22, 2019

Mrs. Noemi S Rodriguez Bonilla, P.E.
Florida Department of Transportation
719 South Woodland Boulevard
DeLand, Florida 32729

Tawny Olore, PE
Executive Director

Subject: Proprietary Product Certification Justification Letter & Backup
Documentation
FPID: 437470-1-52-01
Osceola County Advanced Management System Phase IV
(Daktronics Dynamic Message Signs)

Joshua DeVries, AICP
Transportation Planning

Dear Mrs. Bonilla,

Please see the attached Proprietary Product Certification Form 630-020-07 completed in accordance with Procedure 630-020-005 adopted on August 20, 2014. Please also see the required justification below:

Kathy Lee, PE
Traffic Operations

- 1) Description of the project need for the proprietary product.
 - a. Project Description: The 437470-1-52-01 project includes the installation of Arterial Dynamic Message Signs (ADMS) at various US 192 and Osceola Parkway intersections in Osceola County.
 - b. Compatibility with Daktronics Systems: Osceola County has already installed Daktronics products included in this Proprietary Product Certification request, as shown in the attached Exhibit A. In order to utilize the existing infrastructure (i.e., Daktronics Vanguard software and hardware), it is imperative to use the same product on this project.

Todd Hudson, PE
Transportation Engineering

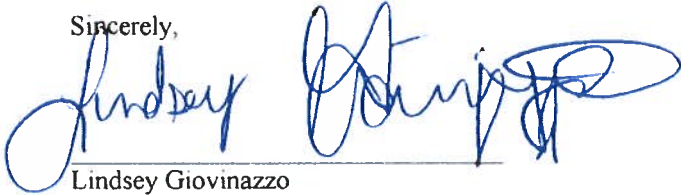
- 2) Factual and technical supporting evidence for Synchronization.
 - a. Function: The proprietary product is necessary for the satisfactory operation of the existing facility.
 - i. The proposed product sheets are included with this letter as Exhibit A.
 - ii. This product is the same manufacturer for products already in use by Osceola County and is guaranteed to be compatible with the existing infrastructure.
 - b. Logistics: The proprietary product is interchangeable with products, such as LED modules, controllers, control boards, fans and filters in Osceola County's existing maintenance inventory.
 - i. This product is the same product already in use and is guaranteed to be interchangeable with the existing maintenance inventory.
 - ii. Osceola County staff is familiar with the equipment, software and hardware for Daktronics DMS allowing them to quickly replace, program and troubleshoot problems reducing impacts to the traveling public.
 - c. Training costs for staff, such as significant training required to effectively maintain and operate an unfamiliar product.
 - i. The current Osceola County staff are familiar and trained to use the existing product. By proposing the same product, no additional training costs are anticipated.

Rene LaPorte
Construction

Gary Yeager
Traffic Services

In summary, Osceola County is respectfully requesting that this proprietary product be furnished for this project. If you have any questions, please feel free to contact me at (407) 742-9166 or via e-mail at Lindsey.Giovinazzo@Osceola.org

Sincerely,

A handwritten signature in blue ink, appearing to read "Lindsey Giovinazzo", with a large, stylized flourish at the end.

Lindsey Giovinazzo
Traffic Management Center Supervisor
Osceola County Transportation and Transit Department
2586 Partin Settlement Road
Kissimmee, FL 34744

Transportation & Transit Department



February 22, 2019

Mrs. Noemi S Rodriguez Bonilla, P.E.
Florida Department of Transportation
719 South Woodland Boulevard
DeLand, Florida 32729

Tawny Olore, PE
Executive Director

Subject: Proprietary Product Certification Justification Letter & Backup
Documentation
FPID: 437470-1-52-01
Osceola County Advanced Management System Phase IV
(Etherwan Managed Field Ethernet Switch)

Joshua DeVries, AICP
Transportation Planning

Dear Mrs. Bonilla,

Kathy Lee, PE
Traffic Operations

Please see the attached Proprietary Product Certification Form 630-020-07 completed in accordance with Procedure 630-020-005 adopted on August 20, 2014. Please also see the required justification below:

Todd Hudson, PE
Transportation Engineering

- 1) **Description of the project need for the proprietary product.**
 - a. Project Description: The 437470-1-52-01 project includes the installation of Managed Field Ethernet Switches at various intersections in Osceola County.
 - b. Compatibility with Etherwan Systems: Osceola County has already installed Etherwan products included in this Proprietary Product Certification request, as shown in the attached Exhibit A. Osceola County currently utilizes Network Monitoring Software (NMS) to maintain communication and perform troubleshooting to the switches, it is imperative to use the same product on this project.
- 2) **Factual and technical supporting evidence for Synchronization.**
 - a. Function: The proprietary product is necessary for the satisfactory operation of the existing facility.
 - i. The proposed product sheets are included with this letter as Exhibit A.
 - ii. This product is the same manufacturer as products already in use by Osceola County and is guaranteed to be compatible with the existing infrastructure.
 - iii. The proposed product is manufactured to work with the NMS, allowing Osceola County to easily operate the switches with the existing central network management software.
 - b. Logistics: The proprietary product is interchangeable with products in Osceola County's existing maintenance inventory.
 - i. This product is the same product already in use and is guaranteed to be interchangeable with the existing maintenance inventory.
 - ii. Osceola County staff is familiar with the equipment, software and hardware for Etherwan switches allowing them to quickly replace, program and troubleshoot problems allowing them to maintain communication.

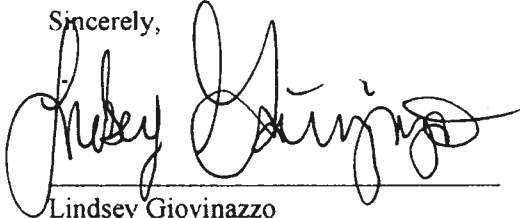
Rene LaPorte
Construction

Gary Yeager
Traffic Services

- b. Training costs for staff, such as significant training required to effectively maintain and operate an unfamiliar product.
 - i. The current Osceola County staff are familiar and trained to use the existing product. By proposing the same product, no additional training costs are anticipated.

In summary, Osceola County is respectfully requesting that this proprietary product be furnished for this project. If you have any questions, please feel free to contact me at (407) 742-9166 or via e-mail at Lindsey.Giovinazzo@Osceola.org

Sincerely,

A handwritten signature in black ink, appearing to read "Lindsey Giovinazzo", written over a horizontal line.

Lindsey Giovinazzo
Traffic Management Center Supervisor
Osceola County Transportation and Transit Department
2586 Partin Settlement Road
Kissimmee, FL 34744

Transportation & Transit Department



February 22, 2019

Mrs. Noemi S Rodriguez Bonilla, P.E.
Florida Department of Transportation
719 South Woodland Boulevard
DeLand, Florida 32729

Tawny Olore, PE
Executive Director

Subject: Proprietary Product Certification Justification Letter & Backup
Documentation
FPID: 437470-1-52-01
Osceola County Advanced Management System Phase IV
(Iteris Vantage Velocity Bluetooth Readers)

Joshua DeVries, AICP
Transportation Planning

Dear Mrs. Bonilla,

Kathy Lee, PE
Traffic Operations

Please see the attached Proprietary Product Certification Form 630-020-07 completed in accordance with Procedure 630-020-005 adopted on August 20, 2014. Please also see the required justification below:

Todd Hudson, PE
Transportation Engineering

1) Description of the project need for the proprietary product.

a. Project Description: The 437470-1-52-01 project includes the installation of Bluetooth readers at various intersections in Osceola County as part of the County's Travel Time System. The system shall have the ability to collect Media Access Control (MAC) addresses and derive, through the System's address matching capability, discrete travel time data for tracked & matched vehicles between field units and provide for processing and analysis. There shall be no limit on the number of field units that the System can process data from. Additional Velocity units would enhance the ability to deliver real time network conditions information with the County's communication system.

Rene LaPorte
Construction

b. Compatibility with Existing Vantage Velocity Systems: Osceola County has already installed Iteris products included in this Proprietary Product Certification request, as shown in the attached Exhibit A. Osceola County currently utilizes the Vantage Velocity server to maintain communication to the Bluetooth readers, it is imperative to use the same product on this project.

Gary Yeager
Traffic Services

2) Factual and technical supporting evidence for Synchronization.

a. Function: The proprietary product is necessary for the satisfactory operation of the existing facility.

- i. The proposed product sheets are included with this letter as Exhibit A.
- ii. This product is the same manufacturer as products already in use by Osceola County and is guaranteed to be compatible with the existing infrastructure. For the proposed devices to have interoperability with the existing devices to allow TT and O-D analysis between the new devices and the existing, the proposed would need to be Velocity.

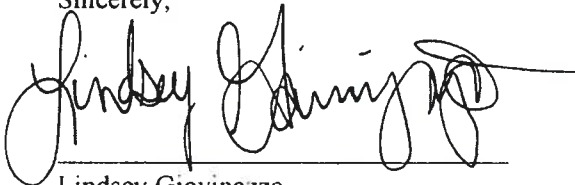
Osceola County

1 Courthouse Square • Kissimmee, Florida 34741

- iii. The proposed product is manufactured to work with the Vantage Velocity system, allowing Osceola County to easily operate the Bluetooth readers with the existing Vantage Velocity software.
- b. Logistics: the proprietary product is interchangeable with products in Osceola County's existing maintenance inventory.
 - i. This product is the same product already in use and is guaranteed to be interchangeable with the existing maintenance inventory.
 - ii. Osceola County staff is familiar with the equipment, software and hardware for Iteris Vantage Velocity Bluetooth readers allowing them to quickly replace, program and troubleshoot problems allowing them to maintain communication.
- c. Training costs for staff, such as significant training required to effectively maintain and operate an unfamiliar product.
 - i. The current Osceola County staff are familiar and trained to use the existing product. By proposing the same product, no additional training costs are anticipated.

In summary, Osceola County is respectfully requesting that this proprietary product be furnished for this project. If you have any questions, please feel free to contact me at (407) 742-9166 or via e-mail at Lindsey.Giovinazzo@Osceola.org

Sincerely,

A handwritten signature in black ink, appearing to read "Lindsey Giovinazzo", written over a horizontal line.

Lindsey Giovinazzo
Traffic Management Center Supervisor
Osceola County Transportation and Transit Department
2586 Partin Settlement Road
Kissimmee, FL 34744

Transportation & Transit Department



February 22, 2019

Mrs. Noemi S Rodriguez Bonilla, P.E.
Florida Department of Transportation
719 South Woodland Boulevard
DeLand, Florida 32729

Tawny Olore, PE
Executive Director

Subject: Proprietary Product Certification Justification Letter & Backup
Documentation
FPID: 437470-1-52-01
Osceola County Advanced Management System Phase IV
(Siquira TKH CCTV Cameras)

Joshua DeVries, AICP
Transportation Planning

Dear Mrs. Bonilla,

Kathy Lee, PE
Traffic Operations

Please see the attached Proprietary Product Certification Form 630-020-07 completed in accordance with Procedure 630-020-005 adopted on August 20, 2014. Please also see the required justification below:

Todd Hudson, PE
Transportation Engineering

- 1) **Description of the project need for the proprietary product.**
 - a. Project Description: The 437470-1-52-01 project includes the installation of CCTV cameras at various intersections in Osceola County.
 - b. Compatibility with Existing Siquira TKH Systems: Osceola County has already installed Siquira TKH products included in this Proprietary Product Certification request, as shown in the attached Exhibit A. Osceola County currently utilizes Siquira Device Manager (SDM) and Siquira Viewer (SV) software to operate their cameras, it is imperative to use the same product on this project.

Rene LaPorte
Construction

- 2) **Factual and technical supporting evidence for Synchronization.**
 - a. Function: the proprietary product is necessary for the satisfactory operation of the existing facility.
 - i. The proposed product sheets are included with this letter as Exhibit A.
 - ii. This product is the same manufacturer as products already in use by Osceola County and is guaranteed to be compatible with the existing infrastructure.
 - iii. The proposed product is manufactured to work with SDM and SV, allowing Osceola County to easily operate the camera with the existing video management software.
 - b. Logistics: the proprietary product is interchangeable with products in Osceola County's existing maintenance inventory.
 - i. This product is the same product already in use and is guaranteed to be interchangeable with the existing maintenance inventory.
 - ii. Osceola County staff is familiar with the equipment, software and hardware for Siquira TKH CCTV cameras allowing them to quickly replace, program and troubleshoot problems allowing them to maintain camera coverage.

Gary Yeager
Traffic Services

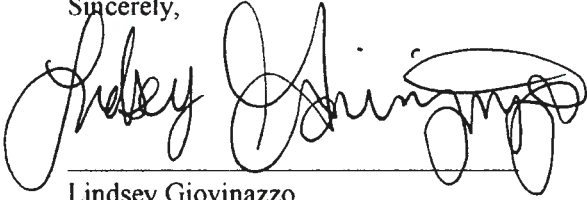
Osceola County

1 Courthouse Square • Kissimmee, Florida 34741

- c. Training costs for staff, such as significant training required to effectively maintain and operate an unfamiliar product.
 - i. The current Osceola County staff are familiar and trained to use the existing product. By proposing the same product, no additional training costs are anticipated.

In summary, Osceola County is respectfully requesting that this proprietary product be furnished for this project. If you have any questions, please feel free to contact me at (407) 742-9166 or via e-mail at Lindsey.Giovinazzo@Osceola.org

Sincerely,

A handwritten signature in black ink, appearing to read 'Lindsey Giovinazzo', written over a horizontal line.

Lindsey Giovinazzo
Traffic Management Center Supervisor
Osceola County Transportation and Transit Department
2586 Partin Settlement Road
Kissimmee, FL 34744