



U.S. Department
of Transportation
**Federal Highway
Administration**

New Mexico Division

February 17, 2017

4001 Office Court Drive
Suite 801
Santa Fe, NM 87507
505-820-2021

**In Reply Refer To:
HFO-NM
ENGI 23**

Mr. Tom Church
Cabinet Secretary
New Mexico Department of Transportation
PO Box 1149
Santa Fe, NM 87507

Dear Secretary Church:

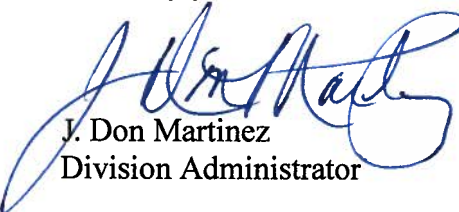
The Federal Highway Administration, New Mexico Division Office, has reviewed the New Mexico Department of Transportation's (NMDOT) request for approval for sole source proprietary certification of the use of signalization equipment and Traffic Signal Mast Arm Poles. The items being requested for proprietary certification are Econolite Cobalt Controllers, Econolite Solo Terra Video Detection Cameras and Valmont Traffic Signal Poles and Mast Arms.

It is understood from the request that this equipment is necessary for synchronization and capability with existing Bernalillo County Facilities.

In accordance with 23 CFR 635.411 and based on the information provided, FHWA NM Division Office concurs in the use of the request for a duration of four years from February 17, 2017. After this date, a new request will need to be submitted and reviewed by this office.

Please contact Ms. Marilyn Valdez at 505-820-2038 or marilyn.valdez@dot.gov if you require any additional information or assistance related to this issue.

Sincerely yours,



J. Don Martinez
Division Administrator

cc:

Mr. Armando Armendariz, NMDOT
Mr. Ken Murphy, NMDOT
Ms. Jill Mosher, NMDOT
Ms. Nancy Perea, NMDOT
Ms. Rhonda Lopez, NMDOT
Ms. Priscilla Benavides, NMDOT
Mr. Luke Smith, NMDOT
Mr. Robert Baker, Bernalillo County



February 9, 2017

J. Don Martinez
FHWA, New Mexico Division
4001 Office Court Dr. Suite 801
Santa Fe, NM 87507

Attn: Marilyn Valdez, Area Engineer

RE: Certification 23 CFR 635.411(a)(2) – Signalization Equipment and Traffic Signal Mast Arms and Poles

Dear Mr. Martinez,

Bernalillo County (County) is requesting sole source/proprietary certification for **Econolite Cobalt Controllers, Econolite Solo Terra Video Detection Cameras** and **Valmont Traffic Signal Poles and Mast Arms** for installation countywide. The New Mexico Department of Transportation (NMDOT) has reviewed their request for the certification and based on the information provided in the County has demonstrated the *Econolite controllers and video detection cameras* are essential for the synchronization with the County's signal system. Furthermore, the County has demonstrated the *signal poles and mast arms* are required to maintain compatibility with existing infrastructure, which allows the County to stockpile replacement poles and mast arms to ensure prompt replacement of damaged equipment.

Based on the information and self-certification provided by Mr. Robert Baker, Traffic Control Administrator, the NMDOT has determined that the **Econolite Cobalt Controllers, Econolite Solo Terra Video Detection Cameras** and **Valmont Traffic Signal Poles and Mast Arms** for installation on state facilities and on projects that utilize state funding countywide.

The NMDOT hereby requests that the **Econolite Cobalt Controllers, Econolite Solo Terra Video Detection Cameras** and **Valmont Traffic Signal Poles and Mast Arms** be approved for use on National Highway System facilities and on projects that utilize federal aid highway funds countywide in accordance with 23 CFR 635.411 (a)(2).

Please contact myself at 505-490-2736 or Armando Armendariz at 505-490-2740 if you have questions regarding this request.

Sincerely,

A handwritten signature in black ink, appearing to read "E. Archuleta", written over a white background.

Elias Archuleta, P.E.
Chief Engineer

Cc:

Armando Armendariz, P.E.
Luke Smith, P.E.

Priscilla Benavides, P.E.
Robert Baker, P.E.

Susana Martinez
Governor

Tom Church
Cabinet Secretary

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District 3

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Commissioner
District 5

Jackson Gibson
Commissioner
District 6



County of Bernalillo State of New Mexico

Operations & Maintenance Department
Traffic Engineering/Road & Storm Drain Maintenance/Solid Waste Program
5100 Broadway SE, Building X
Albuquerque, New Mexico 87106
Phone: (505) 848-1300

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Clerk

Willow Misty Parks
Probate Judge

Manuel Gonzalez III
Sheriff

Manny Ortiz
Treasurer

January 3, 2017

Mr. Luke Smith, P.E.
Tribal/Local Public Agency Coordinator
NMDOT Central Region Design

RE: REQUEST FOR SOLE SOURCE PROPRIETARY CERTIFICATION FOR
SIGNALIZATION EQUIPMENT AND TRAFFIC SIGNAL POLES.

Dear Mr. Smith:

Bernalillo County is sending this letter to document the need for Sole Source/Proprietary Certification of Econolite Cobalt Controllers, Econolite Autoscope Vision video detection cameras and Valmont traffic signal poles and mast arms to be used County wide.

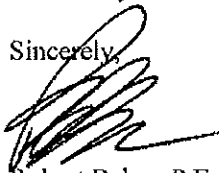
Factors considered in selecting this equipment include:

- Maintenance:** All of the controllers and cameras in Bernalillo County are manufactured by Econolite and our inventory of spare parts is geared solely towards this equipment. Selecting a different manufacturer would require a considerable investment in reworking the County's inventory of spare parts to provide maintenance support for a new manufacturer's products.
- Compatibility:** Bernalillo County currently operates 56 signalized intersections along multiple corridors with all Econolite equipment. The specified sole source items are the newest technology Econolite controllers and video detection cameras that can connect to, operate, and allow interchangeability with the existing intersections and with the County's Advanced Traffic Management system, Centracs.
- Training:** Bernalillo County Traffic Engineering staff is presently only familiar with the Econolite equipment. Installing a new type of system would involve a considerable learning curve and would require staff to keep abreast of different types of signal equipment.
- Traffic Signal poles and mast arms:** Valmont specifically designed Bernalillo County's standard traffic signal poles and mast arms and the County paid a consultant to design the foundations specifically for these poles. At this time, no other manufacturer can fabricate these poles to meet Valmont's basis of design.

In summary, the County is requesting the use of Sole Source/Proprietary equipment for Econolite Cobalt Controller, Econolite Solo Terra video detection cameras and Valmont traffic signal poles and mast arms at the signalized intersection throughout Bernalillo County.

In accordance with 23 CFR 635.411 (a)(2), the above particular and proprietary products are necessary for synchronization and capability with the existing facilities within Bernalillo County. Synchronization is based on the function of the proprietary product that is necessary for the satisfactory operation of the existing facilities, the logistics of the proprietary products, and that the proprietary products are interchangeable with products throughout Bernalillo County's maintenance inventory are described above. I, Robert Baker, Traffic Control Administrator, do hereby certify that in accordance with the requirements of 23 CFR 635.411(a)(2), that this patented and proprietary items are essential for the synchronization and compatibility within the County of Bernalillo.

Sincerely,



Robert Baker, P.E.
Traffic Control Administrator
Bernalillo County Public Works Division
Traffic Engineering Program

Cc: Elias Archuleta, P.E. NMDOT
Andrew Gallegos, P.E., NMDOT
David Wilson, P.E., Souder Miller & Associates