



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

New Mexico Division

September 29, 2015

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

**SUBJECT: NMDOT Sole Source request letter from the City of Rio Rancho for CN A300520 –
Broadmoor Blvd. Improvements**

Dear Secretary Church:

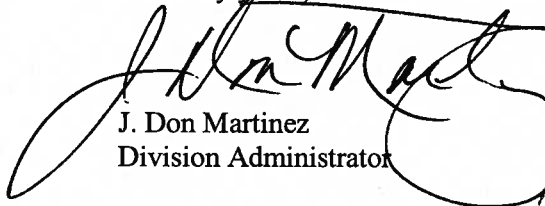
The Federal Highway Administration, New Mexico Division Office, has reviewed the New Mexico Department of Transportation's (NMDOT) request for approval of the Sole Source use of ASC/3-2100 Econolite Controller and GTT Opticom Emergency Vehicle Preemption equipment.

It is understood from the submittal that this proprietary equipment is essential for synchronization with existing facilities within the City of Rio Rancho.

In accordance with 23 CFR 635.411 and based on the information provided, FHWA NM Division Office approves the use of the request for the above mentioned project.

Please contact Ms. Jolena Palau at 505-660-7798, or Jolena.Palau@dot.gov if you require any additional information or assistance related to this issue.

Sincerely yours,



J. Don Martinez
Division Administrator

cc:

Mr. Elias Archuleta, NMDOT, Chief Engineer
Mr. Ken Murphy, NMDOT, Acting District 3 Engineer
Mrs. Jill Mosher, NMDOT, Acting ADE Technical Support
Mr. Ray Chavez, NMDOT Local Government Coordinator
Mr. Leonard C. Rivera, City of Rio Rancho, Traffic Section Manager



September 28, 2015

Jolena Palau
Area Engineer – New Mexico Division
Federal Highway Administration
4001 Office Court Drive Suite #801
Santa Fe, NM 87507

**Re: CN A300520 (FY15), Request for Sole Source (City of Rio Rancho)
Broadmoor Blvd. Improvements**

Dear Ms. Palau:

NMDOT is requesting your concurrence to allow the City of Rio Rancho to procure the following sole source item for the above referenced project:

- ASC/3-2100 Econolite Controller and GTT Opticom Emergency Vehicle Preemption equipment.

Factors considered in selecting this equipment include: Maintenance, Training and Compatibility.

NMDOT has reviewed and concurs with the City of Rio Rancho's request for the use of the above Sole Source/Proprietary equipment.

Please review the attached correspondence from the City of Rio Rancho, dated July 23, 2015.

If anything further is needed, please contact me at (505) 798-6708 or Ray.Chavez2@state.nm.us.

Respectfully,

A handwritten signature in blue ink, appearing to read "Ray C. Chavez".

Ray C. Chavez, P.E.
Local Government Coordinator
Central Region Design
New Mexico Department of Transportation

Xc: A300520 Sole Source Request Letter

Susana Martinez
Governor

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Cabinet Secretary

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Commissioner
District 5

Jackson Gibson
Commissioner
District 6



July 23, 2015

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

RE: Request for Sole Source Proprietary Signalization Equipment on Broadmoor Blvd Expansion (A300520).

Mr. Martinez,

I am sending this letter to document the need for and request approval for the sole source use of ASC/3-2100 Econolite Controller and GTT Opticom Emergency Vehicle Preemption equipment for the above referenced project.

As the Traffic Section Manager for the City of Rio Rancho I certify that in accordance with the requirements of 23 CFR 635.411(a)(2), that this proprietary equipment is essential for synchronization with existing highway facilities within the City of Rio Rancho.

Certification Documentation:

1. The ASC/3-2100 Controller and the GTT Opticom Emergency Vehicle Pre-emption Equipment will benefit the public by:
 - Allowing the City of Rio Rancho to effectively manage and coordinate traffic signals utilizing our existing Advanced Traffic Management System (ATMS) Centrats.
 - Existing emergency vehicle pre-emption equipment utilized by the Rio Rancho Fire Department and the Sandoval County Fire Department are compatible with the referenced equipment.
2. Unique needs being addressed that result in no equally suitable alternative:
 - Maintenance and Training. All of the traffic signal controllers utilized by the City of Rio Rancho are Econolite ASC/2 and ASC/3-2100 controllers. All of our inventory of spare controllers as well as our training and knowledge base reside solely with this controller brand/type. We currently maintain 50+ traffic signals within the City of Rio Rancho and have a maintenance staff of 4 (field and office) that are responsible for traffic signal maintenance. Adding another signal controller brand would require staff to learn the programming and maintenance side of the new controller as well as having multiple inventory types on hand.

- Compatibility. The traffic signal controller as specified is compatible with our ATMS without any additional integration being required. The GTT Opticom system is currently compatible with equipment currently being used by the Rio Rancho Fire Department and the Sandoval County Fire Department. Both agencies are supported by the City of Rio Rancho Public Works Traffic Section to ensure that emergency vehicle preemption is working.
3. Identified safety location or critical decision points that would justify a higher standard. N/A.
 4. Evaluation of the pool of potential products and a description of why these products cannot meet the contracting agency's needs.

The City of Rio Rancho has not evaluated competing brands of traffic signal controllers for integration into its traffic signal inventory. The NMDOT as of this date does not have an alternative traffic signal controller listed on its Approved Products Listing (APL).

Utilizing a brand of emergency vehicle preemption equipment outside of the type being utilized by local Public Safety Agencies is not feasible. The equipment on the signal side has to be compatible with the equipment on the emergency vehicle side.

5. Estimate of additional costs, if any incurred as a result of this proprietary product requirement.

To my knowledge the cost of competing traffic signal controller equipment is comparable to what we (or our contracting community) are paying for the Econolite brand controller. No additional costs are anticipated by purchasing the specified equipment sole source.

In summary the City of Rio Rancho requests your approval to use the Econolite ASC/3-2100 Controller and the GTT Opticom Emergency Vehicle detection on the Idalia Reconstruction Project.

Respectfully,

Leonard C. Rivera
Traffic Section Manager
Department of Public Works Engineering Division

Cc: Ray C. Chavez, P.E. – NMDOT Local Government Coordinator
BJ Gottlieb, P.E. – City Engineer
Leila Momenzadeh, P.E., Project Engineer
File