

Traffic Controller Upgrade

Incorporated County of Los Alamos
Public Works Department

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Supports Council Goals

- Maintain and improve transportation and mobility
- Maintain quality essential services and supporting infrastructure

Project Purpose & Desired Results

- Our current Signal Controllers have come to the end of their useful life
- Evaluate current models
- Stay within our budget

Current Signal Controllers

- Been in operation since 2005
- TS2 Type II controllers
 - Backwards compatible with older and newer style cabinets
- Spare parts & repair support ended in 2017



Replacement Options

Four different ATC (Advanced Traffic Control) controllers were obtained for testing and evaluation from their respective manufacturers



Econolite Cobalt ATC



PEEK 1000 ATC



McCain ATC eX2 ATC



Siemens M60 ATC

Attachment A

Evaluation

Testing and evaluation criteria was based on the following:

- A. Features and menu structure
- B. Cabinet testing and performance
- C. Programming and database management
- D. Central software interface
- E. On-site technical support and training availability
- F. Overall cost



Econolite Cobalt ATC



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Results

Testing and evaluation criteria was based on the following:

- A. Features and menu structure
- B. Cabinet testing and performance
- C. Programming and database management
- D. Central software interface
- E. On-site technical support and training availability
- F. Overall cost

| Criteria | McCain ATC eX2 | Econolite Cobalt | Siemens M60 | Peek 1000 |
|----------|----------------|------------------|-------------|-----------|
| A | 4 | 4 | 3 | 4 |
| B | 1 | 5 | 2 | 4 |
| C | 2 | 4 | 2 | 3 |
| D | 3 | 4 | 4 | 2 |
| E | 2 | 5 | 5 | 1 |
| F | 4 | 4 | 5 | 3 |
| Total | 16 | 26 | 21 | 17 |

Proposed Schedule & Cost

- Quotes, Budget, Procurement
- Testing & Performance
 - Programming & Database Management
 - Central Software Interface
- Onsite Technical Support & Training



Econolite Cobalt ATC

Questions?

