

**TO:** Mayor Robinson and City Council

**FROM:** Jeffrey L. McCormick, Chief of Police

**SUBJECT:** Siren SDM3000 Materials & Installation Quote

**DATE:** December 16, 2016

**BACKGROUND**

The City is part of a Joint Powers Agreement (JPA) with Dakota and Goodhue Counties for cost sharing of the Byllesby Dam's Downstream Warning Siren system. I work with Dakota and Goodhue County on an ongoing basis to insure the sirens are working as intended. One issue that has been ongoing for many years is making sure that a dam activation of the sirens alerts the dispatch centers. Several different things have been tried, but they all have relied in straight line radio notification and have not been reliable.

With the advances in the ARMER system, a radio network based solution will solve the problem and ensure reliable notice to both Goodhue and Dakota Dispatch centers. The City of Cannon Falls is the designated party to order and pay for any work according the JPA. As such I am asking for Council approval to order the required work and sign any contracts necessary as may be required. Under the terms of JPA, the City of Cannon Falls pays all invoices, and then bills Dakota County for 75% of the amount. Dakota then bills Goodhue for their share under the terms of the JPA.

The work requested as a cost not to exceed \$7233, of which \$1808.25 would be highest possible for our share. The members of the JPA will utilize as much as possible existing staff abilities to reduce the final amount as can be done.

**REQUESTED COUNCIL ACTION**

Request a motion and approval to order work outlined in the attached Cannon Falls Water Tank - SDM3000 Materials & Installation.



**MOTOROLA**

Date: 11/22/2016

To: Chief Jeffrey L. McCormick  
Cannon Falls Police Department

From: Peter Matthes

Subject: Quote to Install and Integrate SDM 3000 at Cannon Falls Water Tank

Statement of Work

Install and optimization

- Physical mounting of SDM 3000 unit in rack. Price does not include moving any equipment to make room or additional rack install
- Programming of SDM for Network Settings
- Grounding of SDM to existing ground system
- Cabling of SDM to punch blocks mounted in rack or on the wall- If alarm and control points are wired in building prior to the Motorola part of the install, Motorola will connect alarms and control wires to SDM interface. Quote does not include any alarm wiring in building or return trips to connect alarms after install is completed. Quote does not cover any diagnostic work if alarm and control points are non-functional.
- Reprogramming of site switch to enable the networking port- (File needs to be provided by ST group)
- Labeling/ documentation of cables on site and in cable matrix documentation package.
- Programming at the zone level to add device to the system

Motorola Field Service  
Organization 11/22/2016

- Programming basic buttons on an MCC7500 position to test – labeling of buttons, screen configuration settings to be done by agencies desiring access to device.
- Testing to be done SDM to a Console to confirm operation

Customer is responsible for the following items

- AC Power within 6 feet of SDM mounting location

Equipment and Options (listed below) \$2,178

1	F4543	SITE MANAGER BASIC
1	VA00369	SDM3000 MCC7500 AUX IO F/W
1	V266	ADD: 90VAC TO 260VAC PS TO SM
3	V592	AAD TERM BLCK & CONN WI

Misc. HW, grounding and cables \$ 70  
Labor (FSO) Not to exceed \$ 4,435  
Labor (ST) Not to exceed \$ 550

Total Installation Parts and Labor \$ 7,233

This quote is good for 90 days.

Thank you for allowing us to provide this quote. Please call if you have any questions or comments.

Regards,

**Peter Matthes, PMP**

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