



Board of County Commissioners Agenda Request

5A
Agenda Item #

Requested Meeting Date: March 27, 2018

Title of Item: Jail Intercom System

<input checked="" type="checkbox"/> REGULAR AGENDA <input type="checkbox"/> CONSENT AGENDA <input type="checkbox"/> INFORMATION ONLY	Action Requested: <input checked="" type="checkbox"/> Approve/Deny Motion <input type="checkbox"/> Adopt Resolution (attach draft) <i>*provide copy of hearing notice that was published</i>	<input type="checkbox"/> Direction Requested <input type="checkbox"/> Discussion Item <input type="checkbox"/> Hold Public Hearing*
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Submitted by: Sheriff Scott Turner	Department: Sheriff's Office
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Presenter (Name and Title): Sheriff Scott Turner	Estimated Time Needed: 10 minutes
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Summary of Issue:

Replacement of the jail intercom system

Alternatives, Options, Effects on Others/Comments:

Recommended Action/Motion:

Financial Impact:

Is there a cost associated with this request? Yes No

What is the total cost, with tax and shipping? \$ 57,263.14

Is this budgeted? Yes No *Please Explain:*

The cost will covered by Reserve Inmate Welfare Funds.

SCOTT A. TURNER
SHERIFF OF AITKIN COUNTY

217 Second Street NW, Room 185
Aitkin, MN 56431

218-927-7435 Emergency 911
Sheriff Fax 218-927-7359 / Dispatch Fax 218-927-6887
TOLL FREE 1-888-900-2138

MEMO

TO: Aitkin County Board of Commissioners DATE: March 20, 2018

FROM: Sheriff Scott Turner RE: Jail Intercom System

Attached is a quote from Accurate Controls to update the jail intercom system. We have been experiencing problems with this for quite some time and the operation of the system is intermittent. Our IT department has worked on it a number of times, but it remains problematic and the reliability of this system, which was installed at the time of the jail construction in 2001, cannot be guaranteed.

To refresh your memory, this system is used for, among other things, occupants of the facility to summons assistance to the various locations in the jail complex, call for a door to be opened or otherwise communicate with inmates and visitors of the facility.

The funds used for this purchase would come from the inmate welfare fund which is derived from inmate activities in the jail, such as phone cards and commissary. We currently have \$73,384.03 in this fund that will cover the cost of project from Accurate Controls, the contractor that installed the door controls and intercom system. The intercom system is intertwined with the jail door control system, so this upgrade would be from a single-source provider.



ACCURATE CONTROLS, INC.

326 Blackburn St., Ripon, WI 54971 P: 920-748-6603 F: 920-748-9397

Quotation #	180802AC
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Sold To: Karta White Aitkin County Jail 217 2nd st. Aitkin, MN 56431 Phone: 0 Fax: 0 Email: kwhite@co.aitkin.mn.us	Date: 2/8/2018 Quoted By: Jeromy Dahlke
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Description:

This quotation is for Accurate Controls to replace the existing analog Dukane StarCall audio system with a Harding hybrid (digital/analog) audio system for Aitkin County Jail. ACI will have a technician come to site to pre-test the audio system to make a list of what field devices are not operational before any change over has taken place. After the pre-test is complete the technician will begin to decommission the existing audio system. Decommissioning of the existing system does mean that at this time no intercoms/speakers will operate. Decommissioned parts will be left onsite for the facility to dispose of. Then the ACI technician will install new Harding audio equipment in the existing rack. Also Dutch's Electric will install a new CAT6 cable that will be pulled into master control for the new intercom master station. After the new audio system equipment is installed and initial start up of the system has taken place, the ACI technician will terminate all existing intercoms/speakers to the new Harding system. Once devices are terminated the ACI technician will test all audio devices for functionality. After initial testing has completed the ACI technician will compare lists to ensure that no more devices are nonfunctional. This will complete the system changeover and at that time the ACI technician will troubleshoot any remaining nonfunctional devices to see if they can get them to work or if parts would need to be quoted.

Exceptions

All work to be completed on 1st shift, Monday thru Friday 7:00 am - 4:30 pm and not on federally observed holidays. Work will require the disruption of normal operations. There is no overtime wages or sales tax on equipment. This quotation does not include any existing nonfunctional field devices.

Parts Description:	Quantity:	Unit Price:	Amount:
Harding IMS-640-1 microphone	1	\$1,034.27	\$1,034.27
Harding DCC-S100-3030-S100-MDIP	2	\$5,877.57	\$11,755.14
Harding DCE-S100-3000-S1	1	\$3,426.11	\$3,426.11
Harding TBE 310-1 talk back expanders	4	\$1,980.17	\$7,920.68
Harding CBL-STN-10-RR 10' station interface cables with 45 degree entry	5	\$164.07	\$820.35
Harding CBL-SWT-10-RR 10' station interface cables with 45 degree entry	5	\$92.49	\$462.45
Harding CBL-150-10 10' TBE interface cable	4	\$117.38	\$469.52
Harding QCB-120-1 Station boards	5	\$107.00	\$535.00
Harding QCB-120-2 Single switch boards	5	\$78.39	\$391.95
Harding DXL-SOF-ADM DXL Admin software	1	\$447.60	\$447.60
R8BZ wire mold power strip/surge protector	1	\$109.76	\$109.76
Rack side panels 69"x22" ACI 1016	2	\$199.50	\$399.00
0	0	\$0.00	\$0.00
0	0	\$0.00	\$0.00
0	0	\$0.00	\$0.00
			\$27,771.83

Shipping & Handling:	\$1,666.31
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Labor Description:	Hours:	Unit Price:	Amount:
Field Technician	40	\$123.00	\$4,920.00
Programming	44	\$162.00	\$7,128.00
Project Management	40	\$94.50	\$3,780.00
Engineering	8	\$162.00	\$1,296.00
CAD	12	\$94.50	\$1,134.00
Manufacturing / Testing	48	\$84.00	\$4,032.00
Testing Certification/Training	16	\$123.00	\$1,968.00
			\$24,258.00

Subcontract Services:	Subcontractor:	Amount:
	Dutch's Electric	
Subcontractor materials		\$100.00
Subcontractor labor		\$100.00
		\$200.00

Travel & Per Diem:	\$3,367.00
Total Quotation:	\$57,263.14

Warranty:	1 year
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Accurate Controls, Inc. shall guarantee equipment to be free from defects during the warranty period. We shall send replacement parts for defective equipment in a timely fashion after diagnosis by our service department and receipt of a signed purchase order. If it is determined that the equipment to be replaced is defective, no invoice will be sent. ACI does not warranty equipment that is damaged due to negligence, acts of God or vandalism.

Respectfully:

Jeremy Dahlke
 Customer Service Manager
 jdahlke@accuratecontrols.com

Thank you for your business!

Please accept this signature as an approval of this quotation and an authorization to proceed.

PO#: _____

Date: _____

 Authorized Signature

 Print Name

 Title

Quotation valid for 30 days, subject to change thereafter.