



COURT COMMUNICATION ITEM

Item Description

Request approval of Budget Adjustments (Amendments) over \$5,000.

Background on Item

Budget adjustments needed for needed to upgrade Fire Alarm System at the Outdoor Camp per c/o# 2010-063-01-11.

Financial Information

Budget adjustments totaling \$14,646.

FY1 Budget Amendments (Adjustments) FY 2010

Note: Budget adjustments move approved and appropriated funding from one line to another. Supporting justification is provided upon your request.

Adjustment #	Department Bond Fund	From Detail		To Detail		Amount	Description
		From Account (project #, etc.)	To Account (project #, etc.)	From Account (project #, etc.)	To Account (project #, etc.)		
10-21		405-4121-561.88-01	01OC	405-4121-561.91-01	01OCB	\$14,646	Needed to upgrade Fire Alarm System at the Outdoor Camp per c/o# 2010-063-01-11.
TOTAL						\$14,646	

Budget Amendment Request Form

For Budget Office Use Only	
/ Court	Non-Court
By: <u>W</u>	Seq. No. <u>21</u>
Approved by: <u>JCB</u>	Date: <u>4/26/10</u>

Date of Request: April 26, 2010

From: ~~Construction & Projects~~ / ~~Lisa Bunch~~ X5333

(Department Name / Contact Name / Phone)

Budget Account to Receive Budget Amendment: _____ New X Existing

Project Code to Receive Amendment: X New _____ Existing

TO Account Information:

Line Item Number	Line Item Description	Project Code	Amount
<u>405-4121-561.91-01</u>	<u>Outdoor Camp</u>	<u>NEW</u>	<u>\$14,646.00</u>

FROM Account Information:

Line Item Number	Line Item Description	Project Code	Amount
<u>405-4121-561.88-01</u>	<u>Outdoor Camp</u>	<u>01OC</u>	<u>\$14,646.00</u>

FROM Total:	\$14,646.00
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Purpose for Request (please detail out what specifically the increase is needed for):

**Request to reallocate funds and assign a Project Code to Upgrade the Fire Alarm System at the Collin County Adventure Camp (Outdoor Camp).
Please reference Court Order No. 2010-063-01-11.
FY2010 BUDGET ADJUSTMENT totaling \$14,646.00**

Elected Official / Department Head



**SPECIALIZED
SYSTEMS INC.**

8841 Virginia Parkway, Ste. 103 • McKinney, Texas 75071
Phone / Fax / Central Station
1-877-774-8987

April 21, 2010

Proposal for Collin County Adventure Camp Fire Alarm System Upgrade

Specialized Systems appreciates the opportunity to present this proposal for the Collin County Adventure Camp fire alarm system upgrade. Specialized Systems will supply all materials required to complete the installation as detailed in this proposal.

Scope of Work: Overall Project

Acquire permit and submit drawings to Collin County Fire Marshal showing existing devices and fire alarm equipment in each building along with new devices and equipment. Program and pre-test systems prior to acceptance test. Test system with AHJ. Provide training on use of system.

Scope of Work: Pump Building

Install an intelligent fire alarm control panel, an addressable pull station, an addressable heat detector, addressable monitor modules, an exterior horn strobe and tamper switches on existing sprinkler valves. The addressable modules will monitor the new tamper switches, an existing gate valve and points on the existing fire pump. The cabling to the devices will be installed in EMT to match existing. Install an Internet/GSM communicator and connect to the FACP with a dialer capture module to receive and send alarm communications to the central station. Install a rigid pole just outside building extend communicator antenna above metal building. Install a dedicated 120V circuit from the existing electrical panel to an electrical outlet for the communicator transformer then to the FACP. Install a CAT5e direct burial cable from the alarm communicator to the existing switch located in the adjacent Manager's house. Install surge protectors on both ends of the CAT5e cable run.

Scope of Work: Education Building

~~Install an internet/GSM communicator and connect to the existing FACP with a dialer~~
capture module to receive and send alarm communications to the central station. Extend the antenna to highest accessible point on the building. Intercept the existing 120V circuit to the FACP and install an electrical outlet for the communicator transformer. Connect the transformer enclosure to the communicator with EMT. Relocate the existing 120V surge protector at least 6 feet from the FACP. Install a CAT5e cable from the alarm communicator to the existing switch located in the building. Install a surge protector at switch to protect switch.

Scope of Work: Administration Building

Install an internet/GSM communicator and connect to the existing FACP with a dialer capture module to receive and send alarm communications to the central station. Extend the antenna to highest accessible point on the building. Intercept the existing 120V circuit to the FACP and install an electrical outlet for the communicator transformer. Connect the transformer enclosure to the communicator with EMT. Relocate the existing 120V surge protector at least 6 feet from the FACP. Install a CAT5e cable from the alarm communicator to the existing switch located in the building. Install a surge protector at switch to protect switch.

Scope of Work: Dining Building

Install an internet/GSM communicator and connect to the existing FACP with a dialer capture module to receive and send alarm communications to the central station. Extend the antenna to highest accessible point on the building. Intercept the existing 120V circuit to the FACP and install an electrical outlet for the communicator transformer. Connect the transformer enclosure to the communicator with EMT. Relocate the existing 120V surge protector at least 6 feet from the FACP. Install a CAT5e cable from the alarm communicator to the existing switch located in the building. Install a surge protector at switch to protect switch.

Scope of Work: Infirmary Building

Install an internet/GSM communicator and connect to the existing FACP with a dialer capture module to receive and send alarm communications to the central station. Extend the antenna to highest accessible point on the building. Intercept the existing 120V circuit to the FACP and install an electrical outlet for the communicator transformer. Connect the transformer enclosure to the communicator with EMT. Relocate the existing 120V surge protector at least 6 feet from the FACP. Install a CAT5e cable from the alarm communicator to the existing switch located in the building. Install a surge protector at switch to protect switch.

Schedule of Equipment: Entire Project

1. ~~Addressable fire alarm control panel.~~
2. Internet/GSM communicators.
3. Internet/GSM communicator dialer capture modules.
4. Internet/GSM communicator 25 foot RF extender cables.
5. Internet/GSM communicator 50 foot RF extender cables.
6. Rigid antenna poles.
7. 120V circuit and breaker.
8. Relocate existing 120V surge protectors.
9. 15 amp electrical outlets.
10. 120V surge protector.
11. CAT5e surge protectors.
12. 12V 7 amp hour batteries.
13. RJ31X phone block and cord kits.
14. Addressable double action pull station.
15. Addressable heat detector.
16. Addressable monitor modules.
17. Outside screw & yoke supervisory switch.
18. Plug type supervisory switch.
19. Gate valve switch.
20. Electrical raceway, including EMT, flexible raceway, seal tight raceway and device and junction boxes.
21. SLC cable.
22. NAC cable.
23. Device cable.
24. CAT5e cable
25. CAT5e direct burial cable.
26. 12 gage THHN ground wire.
27. Multi-candela weatherproof horn strobe.
28. Miscellaneous material and labor.
29. Ditching between buildings.
30. Plan and submittal package.
31. Permit
32. Programming.
33. Pretest.
34. Acceptance test with AHJ.
35. Customer training.

Total.....\$14,046.00

Special Notes:

1. A port on the existing switch in each building must be dedicated and active and ready for connection to the new internet/ GSM communicator. A static IP address will be required.
2. Plenum fire alarm cable must be used in concealed walls and ceilings.
3. The existing 120V circuit to the FACP must be dedicated.
4. The fire alarm control panel must match the existing equipment used throughout site.
5. A set of CAD drawings showing all existing and new devices and equipment and complete submittal package including battery calculations for all existing and new devices and equipment for the 5 buildings must be submitted to the Fire Marshal for approval and delivered to owner upon completion.
6. The internet/GSM communicators must be rated for UL Fire.
7. The internet/GSM communicator transformers must be installed in the supplied enclosure and connected to the communicator with EMT.
8. The internet/GSM communicator antennas should be located at the highest accessible point on the building.
9. All new surge protectors must match the manufacturer of the existing protectors.
10. Surge protectors must be grounded utilizing a 12 gage THHN wire connected to either; electrical ground, cold water ground, building structure or ground rod.
11. The FACP and internet/GSM communicators must be grounded utilizing a 12 gage THHN wire connected to either; electrical ground, cold water ground, building structure or ground rod.
12. Provide no less than 6 foot jumper from CAT5e surge protector to existing switches.
13. All electrical raceway, cabling and wiring must be performed and completed per all applicable local, state and federal codes including, but not limited to The National Electrical Code.
14. All work must be done in a neat and workmanlike manner.
15. Any changes or additions by The Authority Having Jurisdiction may result in additional charges.

Warranty Information:

Specialized Systems warrants all equipment and labor supplied by Specialized Systems to be free of defects for a period of one year from date of installation.

This warranty specifically covers any defects in material and workmanship, and does not cover equipment or material that has been abused, or damaged due to; acts of God, tampering, vandalism, electrical power surges, etc. Also not covered are any alterations, modifications, or interventions by anyone other than Specialized Systems employees.

Please let me know if you have any questions or need further information. In closing, I would like to thank you for this opportunity, and look forward to working with you on this project and others in the near future.

Sincerely,

Michael Long
Specialized Systems Inc.