

BOARD OF BIDS AND CONTRACTS NOVEMBER 1, 2007

**FIRE SPRINKLER SYSTEM CLEAN AND FLUSH FOR ADULT DETENTION FACILITY –
FACILITIES DEPARTMENT
FUNDING – RENOVATE SPRINKLER SYSTEM – ADULT DETENTION
(CAPITOL IMPROVEMENTS)**

(Request for proposal sent to ten vendors)

RFP 07-0201

Budget estimate \$570,000.00 (Req 10032905)	Whitewater Fire Sprinkler	Bamford Fire Sprinkler	Midwest Fire Protection
1: Pricing to Evaluate system	\$83,317.00	No Bid	No Bid
2: Pricing to clean and flush system	\$215,063.00		
3: Pricing to convert dry pipe preaction systems to wet pipe preaction systems	\$18,500.00		
3a: Add Flow Alarm to each Riser	\$ 9,120.00		
4a: Pricing to retard the accumulation of MIC debris.	\$26,207.00		
4b: Pricing to provide decreased rate of deterioration /corrosion.	\$7,307.00		
5: Price to provide detailed written report providing details of all work performed as specified in section 12 of this document. (5 copies). Provide a detailed electronic report on CD-ROM (Microsoft Word, PowerPoint or Excel) listing details specified in section 12 of this document. (5 copies).	\$7,617.00		
GRAND TOTAL	\$367,131.00		
Bid Bond	Yes	n/a	n/a
Acknowledge Addendum	Yes	n/a	n/a
Calendar days to complete	Approximately 150 days* (Start date March 5, 2008)	n/a	n/a

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Add-Option: Price per lineal foot to replace piping as needed. Pipe will be replaced in a minimum of 5 foot sections.

Pipe Size	Ceiling Type	Price per foot
Price to replace damaged piping per foot; 4"	Plaster	\$315.50
Price to replace damaged piping per foot; 4"	Metal	\$115.50
Price to replace damaged piping per foot; 4"	Lift-Out	\$77.00
Price to replace damaged piping per foot; 4"	No finished ceiling	\$38.50
Price to replace damaged piping per foot; 3"	Plaster	\$304.85
Price to replace damaged piping per foot; 3"	Metal	\$104.85
Price to replace damaged piping per foot; 3"	Lift-Out	\$69.90
Price to replace damaged piping per foot; 3"	No finished ceiling	\$34.95
Price to replace damaged piping per foot; 2-1/2"	Plaster	\$290.00
Price to replace damaged piping per foot; 2-1/2"	Metal	\$90.00
Price to replace damaged piping per foot; 2-1/2"	Lift-Out	\$60.00
Price to replace damaged piping per foot; 2-1/2"	No finished ceiling	\$30.00
Price to replace damaged piping per foot; 2"	Plaster	\$286.85
Price to replace damaged piping per foot; 2"	Metal	\$86.85
Price to replace damaged piping per foot; 2"	Lift-Out	\$57.90
Price to replace damaged piping per foot; 2"	No finished ceiling	\$28.95
Price to replace damaged piping per foot; smaller than 2"	Plaster	\$274.85
Price to replace damaged piping per foot; smaller than 2"	Metal	\$74.85
Price to replace damaged piping per foot; smaller than 2"	Lift-Out	\$49.90
Price to replace damaged piping per foot; smaller than 2"	No finished ceiling	\$24.95

On the recommendation of Joe Thomas, on behalf of the Facilities Department, Jennifer Dombaugh moved to **accept the proposal from Whitewater Fire Sprinkler for the amount of \$367,131.00 to evaluate and clean the system; to establish unit pricing for pipe, and give staff authority to replace any pipe needed during the project.**** David Spears seconded the motion. The motion passed unanimously.

An accumulation of microbial influenced corrosion (MIC) has been discovered in the fire sprinkler piping at the Adult Detention Facility. The results can be leakage due to the thinning of the pipe walls or in the worst case scenario, failure of the system due to blockage.

This project has been created with the following objectives:

- remove the corrosion
- convert from a "dry" to a "manual wet" system
- prevent the recurrence of MIC accumulated debris
- replace, when needed, any damaged piping

Due to the large amounts of water that will be flushed into parking lots and streets, the work cannot be conducted safely during freezing temperatures, therefore the start time for the project will be March 5, 2008. The pipe inspection, flush, conversion to a wet system and the installation of a corrosion inhibiting system will be completed in approximately 150 days.

This same project was sent out as a request for proposal a couple of years ago and no responses were received.

Notes: Vendors were contacted to find out why they didn't respond. Some vendors said they are too busy due to their current workload. Other vendors said they are understaffed for this size project. Another vendor is undergoing reorganization and could not quote at this time; others felt they would not be competitive since they are located outside the Wichita area.

* Total days to complete could be effected by the amount of pipe needing to be replaced during the course of this project.

** It is anticipated that some of the piping will need to be replaced; quantity is unknown at this time.