CITY OF COFFEYVILLE
BOARD OF COMMISSIONERS AGENDA ITEM

MEETING DATE	3-11-14	
RESOLUTION OR ORDINANCE NUMBER	Presentation & Discussion	
AGENDA TITLE	**Outdoor Warning Siren System**	
REQUESTING DEPARTMENT	City Commission	
PRESENTER	Anthony Celeste, Chief of Police	
FISCAL INFORMATION	Cost as recommended:	To Be Determined
	Budget Line Item:	
	Balance Available	
	New Appropriation Required:	[X] Yes [] No
PURPOSE	Proposal for improvements to the Coffeyville outdoor warning siren system.	
BACKGROUND	The City Commission has directed staff to review the current condition, status, and capabilities of the outdoor warning siren system, and to make any recommendations regarding needed improvements.	
SPECIAL NOTES	This project would require a new appropriation and funding source. Potential sources of funds would include the capital improvement sales tax, CRNF tax one-time funds, or property tax revenue. Replacing the system using a radio controlled product would save the city $13,000.00 annually in leased phone lines. Those savings could be used to pay back the upfront capital expenditure over a predetermined number of years.	

ANALYSIS	City Staff has reviewed the condition and capabilities of the current outdoor warning siren system. Staff has found that the current siren system was installed in 1966 or earlier according to records we have discovered. The City currently has ten sirens throughout the city, and these sirens are likely original to the system. Staff found the following weaknesses in our current siren system; -The current system has only one means of activation, no redundant activation point exists. -The current system has no secondary power source. Individual sirens have no battery back-up, and the single control point is not connected to a back-up power source. -Although the system is activated each day around noon, the system has only been properly tested on an annual basis. One siren failure was discovered on 3-4-14 -The current system is 50 years old. Our current sirens are no longer manufactured and obtaining parts for maintenance may be an issue in the future. -The current system operates using phone lines which cost the city $13,000.00 annually. On 2-10-14 city staff issued a request for proposals for companies to submit proposals regarding the upgrading or replacement of our outdoor storm siren system. We properly received 16 different proposals from seven companies. The attached spread sheet outlines the various options and systems proposed.
PUBLIC INFORMATION PROCESS	
BOARD OR COMMISSION RECOMMENDATION	
STAFF RECOMMENDATION	City staff was continuing to review these proposals at the time this staff report was submitted. Staff expects to make a recommendation to the commission on 3-11-14.
REFERENCE DOCUMENTS ATTACHED	RFP Spread Sheet

Item # I-2

CITY OF COFFEYVILLE

Outdoor Warning Siren System Proposals

Vendor	Option	Existing Sirens	New Sirens	New Siren Model	New Siren DB	Battery Back -Up	PC Controller	Silent Remote Testing	PA Capable	Internet Activation	Email/Text Message	NOAA Auto Activation	Back-Up Controller*	Note	Cost	3 yr Service	Other Annual Cost
American Signal	1	Remove	11	T-121	121	Yes	CP-3000	Yes	No	Yes	Yes	Yes	CSC-960		$199,805.00	$7,250.00	Unk
American Signal	2	Remove	4	(3) T-135/(1) T-121	33.5/121	Yes	CP-3000	Yes	No	Yes	Yes	Yes	CSC-960		$138,250.00	$5,000.00	Unk
ATI	1	Update	2	HPSS-16		Yes	MassAlert	Yes	No/Yes	Yes	Yes	Yes	Mobile CCU	Industrial Park Not Included	$126,643.00	$1,500.00	Unk
Blue Valley Public Safety	1	Update	0	N/A	N/A	No	Radio	No	No	No	No	No	Radio Only		$36,017.00	Unk	None
Blue Valley Public Safety	2	Update	3	FS-508	128	No/Yes	SFCD-10	Yes	No	No	Yes	No	SS-2000		$86,575.00	Unk	Unk
Blue Valley Public Safety	3	Remove	8	FS-508	128	Yes	SFCD-10	Yes	No	No	Yes	No	SS-2000		$181,468.00	Unk	Unk
Blue Valley Public Safety	4	IPAWS Addition to BVPS Options 1-3								No	Yes	Yes	N/A	IPAWS Addition	$16,225.00	Unk	$4,335.00
CDL Electric Co.	1	Remove	7	WPS-2905	123	Yes	WeatherWarn	Yes	Yes	No	Yes	Yes	E747	Industrial Park Not Included	$129,653.00	$1,500.00	Unk
CDL Electric Co.	2	Remove	5	Vortex R4	129	Yes	WeatherWarn	Yes	No	No	Yes	Yes	E747	Industrial Park Not Included	$89,711.00	$1,000.00	Unk
Sentry Siren	1	No Change	1	15V2T	124	No	N/A	No	No	No	No	No	None	Only Adds One Siren	$17,973.00	Unk	Unk
Sentry Siren	2	Update	1	15V2T	124	No	Storm Sentry/STAR	Yes	No	No	Yes	Yes	Radio Only	Adds One Siren, Upgrades 10	$86,686.00	Unk	Unk
Sentry Siren	3	Remove	6	16V1T-B	129	Yes	Storm Sentry/STAR	Yes	No	No	Yes	Yes	Radio Only	Industrial Park Not Included	$173,670.00	Unk	Unk
Storm Sirens	1	No Change	1	15V2T	122	No	N/A	No	No	No	No	No	None	Adds One Siren to Industrial Park	$17,500.00	Unk	Unk
Storm Sirens	2	Update	1	15V2T	122	No	Radio Only	No	No	No	No	No	Radio Only		$38,400.00	Unk	None
Storm Sirens	3	Remove	7	16V1T-B	128	Yes	Radio Only	No	No	No	No	No	Radio Only	Industrial Park Not Included	$139,650.00	Unk	None
Washington Electric	1	Remove	12	Vortex R4	129	Yes	WeatherWarn	Yes	No	No	Yes	Yes	E2010		$241,619.00	Unk	Unk
**All proposals have radio back-up controller capabilities*																	
SafetyCom**	1	Remove	5	WPS-2910	130	Yes	WeatherWarn	Yes	Yes	No	Yes	Yes	E2010	Industrial Park Not Included	$150,677.00	Unk	$1,170.00
SafetyCom**	2	Remove	5	Vortex R4	129	Yes	WeatherWarn	Yes	No	No	Yes	Yes	E2010	Industrial Park Not Included	$100,513.00	Unk	$1,170.00
***Bid received late - FedEx overnight on 2-28-14, received on 3-4-14, bids due 3-3-14*																	