

# CONTRACT

## Ordinance Fact Sheet

## Amendment Form

Brief Title	Approval Deadline	Reason
Authorizing an Amendment No. 4 to a		To authorize execution and expenditures of Facility Repair and
Facility Repair and Maintenance		Maintenance amendment; and to extend the term of the contract.
Contract for the Flood Warning		
System Maintenance Contract #7.		

### Details

#### Reason for Contract

Pursuant to Code of Ordinance Section 3-41(a)(1), the city manager and department directors may enter into construction/facility repair and maintenance contracts in which the term does not exceed 6 years and does not exceed \$1,000,000.00.

Pursuant to Code of Ordinance Section 3-43, no contract shall be let or amended to exceed a maximum of 6 years without authorization of the City Council.

This proposed ordinance is needed to amend the Flood Warning System Maintenance Contract # 7 to add funds to the contract and to extend the term an additional 579 days for a total term of 2,404 days (approximately 6 years 7 months).

#### Discussion

##### Project Justification

This Facility Repair and Maintenance contract, operates, maintains, calibrates, repairs, and improves any and all aspects of the City's flood warning system. The system relies on a network of City and partner sites and sensors, to inform on the travel, risk, and impacts of floodwaters on metropolitan streams and regional and bi-state rivers.

This system collects real time data for rainfall accumulation, rain intensity, stream stage and water surface elevations (adding) along with weather instrumentation. The system collects stage and discharge data from the United States Geological Survey (USGS). Our sites average \$2,577.00 dollars per site to maintain. USGS charges \$5,900.00 per site for similar work.

##### Contract Summary/Project Description

The City entered a \$300,364.83 contract with McClure Engineering Company (formerly known as Shafer, Kilne and Warren, Inc.) on March 30, 2016 for the Flood Warning System Maintenance Contract #7, with notice to proceed on April 5, 2016. The original term of the contract was 365 days.

The City executed a No Cost Amendment No. 1 on March 28, 2017 to extend the term of the contract for an additional 1,460 days.

The City executed Amendment No. 2 on April 20, 2018 in the amount of \$240,000.00 to continue maintenance, operations, repair, improvements, testing, calibration and on-call support.

### Roles and Responsibilities

Sponsor	Water Services Department
Department or Programs Affected	Water Services Department
Recommended Awardee	McClure Engineering Company
Contract Compliance Certification Obtained?	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes
Opponents	Groups or Individuals  None known  Reason for Opposition
Responsibilities	Design Engineering:  Inspections:  Construction or Project Management:  Service Monitoring:  McClure Engineering Company

### Policy/Program Impact

Policy or Program Emphasis Change	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
Operational Impact Assessment	

## Details

The City executed Amendment No. 3 on April 4, 2020 in the amount of \$289,000.00 to continue maintenance, operations, repair, improvements, testing, calibration and on-call support.

This proposed \$289,000.00 Amendment No. 4, will extend the term of the contract for an additional 579 days for a total of 2,404 calendar days (approximately 6.7 years) to continue maintenance, operations, repair, improvements, testing, calibration and on-call support.

### **Reason for Legislation**

Pursuant to Code of Ordinance Section 3-41(a)(1), the city manager and department directors may enter into construction/facility repair and maintenance contracts in which the term does not exceed 6 years and does not exceed \$1,000,000.00.

Pursuant to Code of Ordinance Section 3-43, no contract shall be let or amended to exceed a maximum of 6 years without authorization of the City Council.

This proposed ordinance is needed to amend the Flood Warning System Maintenance Contract # 7 for an additional \$289,000.00 to continue maintenance, operations, repair improvements, testing, calibration, and on-call support as well as extend the term an additional 579 days to the contract for a total term of 2,404 days (approximately 6.7 years).

The Water Services Department will have a subsequent ordinance before Council before the term ends for Amendment No. 4 to request additional funds of \$211,000.00 for continuation of maintenance needs for this contract, which will be contingent on passage of the FY2022 budget.

### **Contract Cost Summary / Term**

Original Contract:	\$300,364.83 / 365 days
Amendment No. 1:	\$0.00 / 1,460 days
Amendment No. 2:	\$240,000.00 / 0 days
Amendment No. 3:	\$289,000.00 / 0 days
Proposed Amendment No. 4:	\$289,000.00 / 579 days
Total:	\$1,118,364.83 / 2,404 days

### **Human Relations Approval**

The Human Relations Department approved a waiver of the MBE/WBE Program requirements on December 16, 2015.

### **Grant Funding**

N/A

**Is it good for the children?** Yes.

**How will this contribute to a sustainable Kansas City?**

Kansas City owns and operates a flood warning system containing 70 sites with 286 sensors. All of these operate by solar power 24/7 providing critical information for rain conditions on site and downstream. Kansas City partners with the Unified Government of Kansas City, KS (8 sites/24 sensors), Johnson County, KS (63 sites/375 sensors), City of Overland Park, KS (25 sites/149 sensors), Metro METAR Sites (Airports) (6 sites/36 sensors), USGS (26 sites/97 sensors) for a total in the metropolitan area of 128 sites with 681 sensors of in field data collected every day 24/7.

All data is shared and received by telemetry between all partners and all field sites are solar power based. Primary receiving/repeating facilities for data use live power, backup generators and UPS backup, while generators start, allowing all systems to safely operate sustainably.

These systems are very efficient and low energy, long lasting, and resilient in the field. Both the use of solar power and the use of partners to provide critical information from other states, counties and municipalities for flood concerns that can travel from them to us is crucially valuable and highly sustainable in nature. Everyone can use everyone's information for their own community's public safety needs.

6 years 7 months

Leona Walton  
Contracts Manager

2/11/2021

D. Matt Bond  
Deputy Director

2/12/2021

**Reference Numbers:** Contract No. 314, Amendment No. 4  
Project No. 82000236

City's Estimate of Cost	\$ 289,000.00	
Bid or Proposal Data  <i>Lowest Contract Cost Submitted</i> <i>No. of Proposals Considered</i> <i>Reason for rejecting lowest contract cost submitted</i>  Other Bidders or Contractors Considered	Contract Costs Submitted \$ NA FOR AMENDMENT	
	Fund Sources and Appropriation Account Codes For This Contract	21-2320-802331-619060-82000236 Stormwater Flood Monitoring \$289,000.00
	Source of Future Operating Funds	
Maximum Amount of Proposed AMENDMENT	\$ 289,000.00	
Amount of Contingency	\$	
Engineering & Administration	\$	
TOTAL \$ 289,000.00		

Do Pass	<input type="checkbox"/>	<input type="checkbox"/>	Hold
Do Pass (as amended)	<input type="checkbox"/>	<input type="checkbox"/>	W/o Recommendation
Committee Sub.	<input type="checkbox"/>	<input type="checkbox"/>	Do Not Pass