CONTRACT

Ordinance Fact Sheet

Amendment Form

Brief Title	Approval Deadline	Reason			
Authorizing an Amendment No. 5 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		Roles and Respo	nsibilities		
Reason for Contract		Sponsor	I		
Pursuant to Code of Ordinance Section manager and department directors material construction/facility repair and maintenance the term does not exceed 6 years and \$1,000,000.00.	ay enter into nance contracts in which	Department or Programs Affected	Water Services Department Water Services Department		
\$1,000,000.00.		Recommended			
Pursuant to Code of Ordinance Section be let or amended to exceed a maxima authorization of the City Council. This proposed ordinance is needed to System Maintenance Contract # 7 to a	num of 6 years without amend the Flood Warning	Awardee Contract Compliance Certification Obtained?	McClure Engineering Company No XX Yes		
and to extend the term an additional 3 2,769 days (approximately 7 years 7 r	365 days for a total term of	Opponents	Groups or Individuals None known		
Discussion			Reason for Opposition		
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		Responsibilities	Design Engineering:		
and regional and bi-state rivers.			Inspections:		
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.			Construction or Project Management:		
Contract Summary/Project Descript			Service Monitoring:		
The City entered a \$300,364.83 contra Engineering Company (formerly known	act with McClure n as Shafer, Kilne and		McClure Engineering Company		
Warren, Inc.) on March 30, 2016 for th Maintenance Contract #7, with notice t The original term of the contract was 3	o proceed on April 5, 2016.	Policy/Program Impact			
The City executed a No Cost Amendm 2017 to extend the term of the contract days.	nent No. 1 on March 28,	Policy or Program Emphasis Change	XX No Yes		
The City executed Amendment No. 2 camount of \$240,000.00 to continue marepair, improvements, testing, calibration	aintenance, operations,	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.

City Council approved Ordinance No. 210150 on March 4, 2022 for a \$289,000.00 Amendment No. 4, which extended the term of the contract for an additional 579 days for a total of 2,404 calendar days (approximately 6 years 7 months) to continue maintenance, operations, repair, improvements, testing, calibration and on-call support. This amendment was executed on July 27, 2021.

This proposed \$249,100.00 Amendment No. 5, will extend the term of the contract for an additional 365 days for a total of 2,769 calendar days (approximately 7 years 7 months) to continue funding for work scoped to continue until November 4, 2023 for maintenance, operations, repairs and improvements as allowed by this Facility Repair Contract for flood warning systems, sites and sensors.

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 \$249,100.00 to continue maintenance, operations, repair improvements, testing, calibration, and on-call support as well as extend the term an additional 365 days to the contract for a total term of 2,769 days (approximately 7.7 years).

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. 4: \$289,000.00 / 579 days

Proposed Amendment No. 5: \$249,100.00 / 365 days

Total: \$1,367,464.83 / 2,769 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.

Details

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.

Estimated Duration of Contract:

approximately 7 years 7 months

Fact Sheet Prepared by: Date:

Leona Walton Contracts Manager

Reviewed by: Date:

D. Matt Bond Deputy Director

Reference Numbers: Contract No. 314, Amendment No. 5

Project No. 82000236

3/16/2022

3/18/2022

Finances

City's Estimate			
of Cost		\$	249,100.00
Bid or	Lowest Contract		·
Proposal Data	Cost Submitted	\$	NA FOR
'	No .of Proposals Consider	-	AMENDMENT
	Reason for rejecting lov		
	Troubon for rejoding lov	1001 001	made dode dabirineda
	Other Bidders or		Contract Costs
	Contractors Considered	ı	Submitted
	Contractors Considered	_	NA FOR
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Fund Sources			2000236 = \$49,100.00
and Appropriation	22-8200-802331-616	280-82	2000236 = \$200,000.00
Account Codes	Stormwater Flo	od Mo	nitoring
For This			
Contract			
Source of			
Future			
Operating Funds			
Maximum Amount			
of Proposed			
AMENDMENT		\$	249,100.00
Amount of			
Contingency		\$	
Engineering &			
Administration		\$	
TOTAL		\$	249,100.00
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Council Committe	ee Actions		
Do Pass			Hold
Do Pass (as amen	nded)		W/o Recommendation
Committee Sub.			Do Not Pass

Ordinance	Fact Sheet;	Contract	Admendment	050113