


COUNCIL COMMUNICATION

 CITY OF DES MOINES OFFICE OF THE CITY MANAGER	Number:	23-377	Meeting:	August 7, 2023
	Agenda Item:	44	Roll Call:	23-1103
	Submitted by:	Chris Johansen, Neighborhood Services Department Director		

AGENDA HEADING:

Approving an exception to the procurement ordinance request for procurement requirement for good cause and authorizing agreement with EMS Bruel & Kjaer Inc. d/b/a Envirosuite Inc. for purchase of an environmental intelligence solution for a total cost of \$110,000.

SYNOPSIS:

The Neighborhood Services (NS) Department has been seeking solutions to monitor and track odors emitted from the three (3) facilities identified during the 2022 Odor Study that was completed by RK Associates. Staff has found a platform that has remote odor monitoring sensors and a software that logs real time data. The City will use this new platform to log odor levels for 12 months and identify a reasonable allowable baseline for odor levels that are emitted from industrial sources.

FISCAL IMPACT:

Amount: \$110,000

Funding Source: G001, NS001000-521020

ADDITIONAL INFORMATION:

- The data gathered from this odor monitoring platform will be used to guide policy discussion and set threshold limits for odor emissions from industrial facilities.
- Real time data logging will gather more and higher quality data to guide discussions than would be gathered using the handheld devices that the City had originally planned on purchasing.
- There will be a total of 10 monitoring stations installed to measure Hydrogen Sulfide, Ammonia, and Volatile Organic Compounds and one (1) weather station installed as part of this contract.
- The data gathered will be hosted online behind a secured login. NS Staff will monitor and review the data gathered by the sensors. Staff will bring forward data reports to Council in the future to guide the policy discussion(s).

PREVIOUS COUNCIL ACTION(S):

Date: October 4, 2021

Roll Call Number: [21-1488](#)

Action: [Proposal](#) of RK and Associates, Inc. to provide odor study and consulting services and authorizing the City Manager to execute agreement. ([Council Communication No. 21-414](#)) Moved by Gatto to adopt. Motion Carried 7-0.

ANTICIPATED ACTIONS AND FUTURE COMMITMENTS:

- This proposal has the opportunity for the City to renew for two (2) additional one (1)-year contracts for an annual cost of \$124,273.
- The data gathered from this monitoring program will be presented to the Council at a future work session to guide a policy discussion and updates to [Chapter 42, Article V](#) (Environment, Odor).

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