



Metropolitan Nashville and Davidson County, TN

Legislation Text

File #: BL2021-926, **Version:** 1

An ordinance approving a cooperative research and development agreement between the Metropolitan Government of Nashville and Davidson County, acting by and through the Metropolitan Department of Water and Sewerage Services, The Department of Homeland Security, and Intellisense Systems, Inc., for the testing and evaluation of flood sensors.

WHEREAS, Intellisense Systems, Inc. developed flood sensors with funding from The Department of Homeland Security; and,

WHEREAS, the Metropolitan Government of Nashville and Davidson County, acting by and through the Metropolitan Department of Water and Sewerage Services, will receive the flood sensors developed by Intellisense Systems, Inc. to perform operational testing and evaluation in the local field environment and provide results to The Department of Homeland Security as set forth in the attached agreement (Exhibit 1); and,

WHEREAS, the agreement is deemed to benefit all parties and the general community.

NOW, THEREFORE, BE IT ENACTED BY THE COUNCIL OF THE METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY.

Section 1. That the cooperative research and development agreement between the Metropolitan Government of Nashville and Davidson County, acting by and through the Metropolitan Department of Water and Sewerage Services, The Department of Homeland Security, and Intellisense Systems, Inc., for the testing and evaluation of flood sensors, attached hereto and incorporated herein, is hereby approved, and the Metropolitan Mayor is authorized to execute the same.

Section 2. Amendments to this legislation shall be approved by resolution.

Section 3. This ordinance shall take effect from and after its final passage, the welfare of The Metropolitan Government of Nashville and Davidson County requiring it.

Analysis

This ordinance approves a cooperative research and development agreement between the Metropolitan Department of Water and Sewerage Services ("MWS"), the Department of Homeland Security ("DHS"), and Intellisense Systems, Inc. ("Intellisense") for the testing and evaluation of flood sensors.

According to the agreement, DHA, Intellisense, and MWS each may provide equipment to each other for the purposes of joint research, development, test, and evaluation. No funds would be transferred from DHA to Intellisense or MWS under this agreement. The agreement is effective upon the date of signatures and will remain in effect for 36 months from that date. The parties must agree in writing to any extensions or changes to the termination date of the agreement.

The scope of work for this agreement would involve the design, development, deployment, testing, evaluation

and delivery of operation low-cost flood sensor products. This is to evaluate whether these flood sensors would be useful in preparing communities to become more resilient from flood disasters. These sensors can provide alerts, warnings, and notifications of flooding. The flood sensors can monitor flood-prone areas in real time for rapid detection to alert officials, industry, and citizens to potential flood hazards.

Fiscal Note: Metro Water Services will be responsible for installation, operation and maintenance cost of the flood sensors.