

**RESOLUTION NO. 2023-R-98**

**A RESOLUTION OF THE MAYOR AND CITY COUNCIL  
OF THE CITY OF NORTH MIAMI, FLORIDA,  
AUTHORIZING THE CITY MANAGER TO ISSUE  
PURCHASE ORDERS TO FLOWNETWORKX, INC. D/B/A  
540 TECHNOLOGIES, AS THE SOLE SOURCE PROVIDER  
OF PERMANET-SU WATER LEAK DETECTION SMART  
LOGGER EQUIPMENT MANUFACTURED BY FLUID  
CONVERSATION SYSTEMS (FCS), IN ACCORDANCE  
WITH SECTION 7-143 OF THE CITY CODE OF  
ORDINANCES, AT A COST NOT TO EXCEED THIRTY-  
TWO THOUSAND FOUR HUNDRED DOLLARS  
(\$32,400.00); PROVIDING FOR AN EFFECTIVE DATE AND  
ALL OTHER PURPOSES.**

**WHEREAS**, the City of North Miami (“City”) Public Works department has implemented an ongoing effort to identify and minimize potential leaks within the City’s water distribution system; and

**WHEREAS**, City staff recommends the purchase of PermaNET-SU water leak detection smart logger equipment which combines fully automated water leak noise sensor and cellular communication technology into a single compact unit and is compatible with PermaNET Web, an online data viewing and analysis platform that helps to identify potential leakage within our system; and

**WHEREAS**, in accordance with Section 7-143 of the City Code, the Purchasing Director has determined that there is only one (1) reasonable source of the product, and the contract by its very nature, is not suitable to competitive bids or proposal; and

**WHEREAS**, the PermaNET-SU equipment is manufactured by FCS and 540 Technologies is the only authorized distributor for this equipment within the State of Florida; and

**WHEREAS**, City administration respectfully requests that the Mayor and City Council authorize the sole source procurement of PermaNET-SU equipment to assist City staff in identifying water leaks within the City’s water distribution system, at a cost not to exceed Thirty-Two Thousand Four Hundred Dollars (\$32,400.00).

**NOW, THEREFORE, BE IT DULY RESOLVED BY THE MAYOR AND CITY COUNCIL OF THE CITY OF NORTH MIAMI, FLORIDA:**

**Section 1. Authority of City Manager.** The Mayor and City Council of the City of North Miami, Florida, hereby authorize the City Manager to issue purchase orders to FlowNetworx, Inc. d/b/a 540 Technologies, as the sole source provider of PermaNET-SU water leak detection smart logger equipment, in accordance with Section 7-143 of the City Code of Ordinances, at a cost not exceed Thirty-Two Thousand Four Hundred Dollars (\$32,400.00).

**Section 2. Effective Date.** This Resolution shall become effective immediately upon adoption.

**PASSED AND ADOPTED** by a 5 - 0 vote of the Mayor and City Council of the City of North Miami, Florida, this 13th day of June, 2023.



ALIX DESULME, Ed.D.  
MAYOR

ATTEST:



VANESSA JOSEPH, ESQ.  
CITY CLERK

APPROVED AS TO FORM  
AND LEGAL SUFFICIENCY:



JEFF P. H. CAZEAU, ESQ.  
CITY ATTORNEY

SPONSORED BY: CITY ADMINISTRATION

Moved by: Estimé-Irvin

Seconded by: Charles

**Vote:**

Mayor Alix Desulme, Ed.D.

(Yes) \_\_\_\_\_ (No)

Vice-Mayor Mary Estimé-Irvin

(Yes) \_\_\_\_\_ (No)

Councilman Scott Galvin

(Yes) \_\_\_\_\_ (No)

Councilwoman Kassandra Timothe, MPA

(Yes) \_\_\_\_\_ (No)

Councilman Pierre Frantz Charles

(Yes) \_\_\_\_\_ (No)