

# HIGH CAPACITY FIBER CIRCUIT SERVICES (PS LIGHTWAVE) TTI PRESENTATION



Bert Quarfordt, Deputy CIO –  
Infrastructure

Anthony Evegán, Assistant Director -  
Infrastructure

November 3, 2022



# BOTTOM LINE UP FRONT

Council Action Request	Spending Authority
<b>Vendor</b>	PS Lightwave Inc.
<b>Purpose</b>	The City's current high-capacity fiber circuit services contract with PS Lightwave will expire on 12/26/2022. The upcoming council action will authorize spending authority on a new contract to replace the prior contract and remain in effect for up to 5 years.
<b>Previous Contract Amount</b>	\$5,397,291.53
<b>New Contract Amount</b>	\$8,750,000.00
<b>Term</b>	3 years with two 1-year renewal options
<b>MWBE Goal</b>	Approved 0% Goal Waiver
<b>Primary Department Users</b>	All City Departments

# City of Houston Network Overview

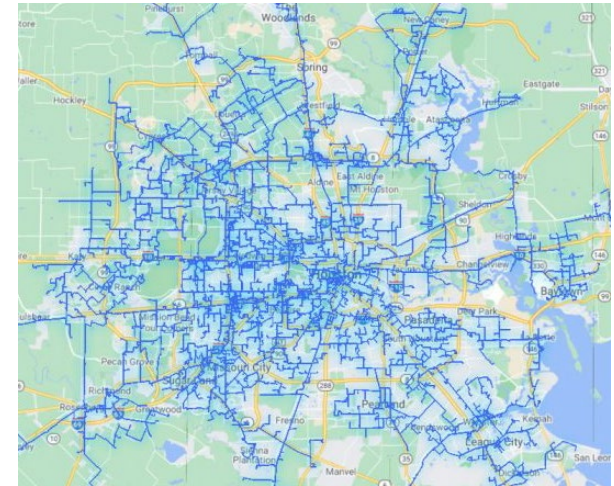


- The City's enterprise data network supports the critical foundation connecting all 23 City departments to the City's data centers, the internet, and cloud applications.
- The enterprise data network supports 21,000 employees and is comprised of thousands of routers, switches, access points, and other systems located in more than 350 separate city facilities.
- This spending authority will help keep existing services active (keep the lights on) and provide opportunities to increase network capacity and strengthen the resiliency of the infrastructure.



# PS Lightwave Services Overview

- PS Lightwave provides internet access, private ethernet connectivity, and dark fiber services to the City.
- There are currently 331 active fiber network services with PS Lightwave which serve over 200 sites, including many critical/priority facilities. PSL's network consists of more than 5,500 miles of fiber optic cable.
- PS Lightwave has been a City vendor since 2013. This procurement of services is based on the General Services Administration (GSA) cooperative.
- PS Lightwave is a Hire Houston First Business.



# Detailed Expense Breakdown



## Requested Spending Authority

Fund	FY2021 Actuals	FY2022 Actuals	Annual (2Year Avg)
Central Services Revolving Fund (1002)	\$1,507,724.51	\$1,519,632.56	\$1,513,678.54

FY2023 Projected Spend	\$0
FY2024 Projected Spend	\$1,750,000
FY2025 Projected Spend	\$1,750,000
FY2026 Projected Spend	\$1,750,000
FY2027 Projected Spend	\$1,750,000
FY2028 Projected Spend	\$1,750,000
<b>REQUEST</b>	<b>\$8,750,000</b>



# Q&A

