HPD Radio Replacement

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Bottom Line Up Front

Vendor	TBD (pending solicitation)
Purpose:	The Houston Police Department's current fleet of portable and mobile radios has reached end-of-life and end-of-support by the manufacturer. HITS is requesting spending authority for the replacement of 5,004 portable radios, 1,942 mobile radios with **next generation communication devices** to directly support HPD and One Safe Houston. This spending authority will also fund professional services to configure and deploy the new devices.
Total Spending Authority Requested:	**$ 48,000,000**
Portable and Mobile Radio Costs:	**$ 45,500,000**
Professional Services:	**$ 2,500,000**
Primary Department Users:	HPD
MWBE	1% (0% of equipment; 14.58% of the professional services)

HPD Statistics

HPD's Challenge

- Serves and protects 2.3 million Houstonians

- Responds to 1.1 million calls for service annually

- Patrols 665 sq. miles across 13 patrols units

Radio communications is critical for HPD to fulfill its mission:

- The HPD radio fleet (portable + mobile) represents 1/3 of all radio subscribers on the City's radio network with more than 8,000 total radios.

- HPD officers generate 1,527,122 of the radio network's 3,498,534 monthly call volume.

- HPD Officers participate in over 70 special events annually that include Astros, Texans, and Rockets games, parades, concerts, and dignitary visits.
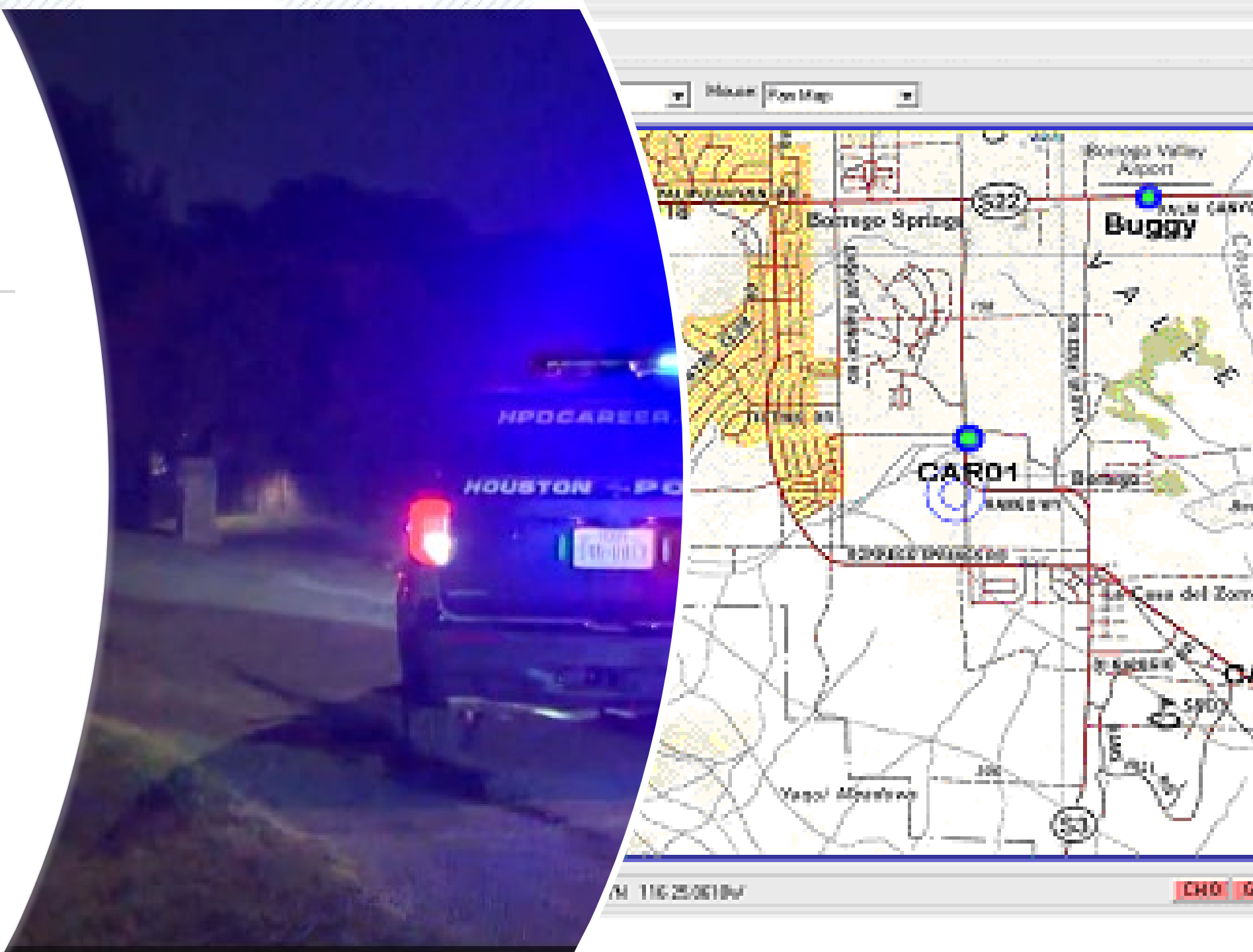
Funding Information

Project	FY23	FY24	FY25	FY26	FY27-29	FY23-29 Total
HITS ARPA RADIO (5309- 68000001-2022)	$5,000,000.00	$5,000,000.00	$0	$0	$0	$10,000,000.00
HITS- Public Safety Radio Replacement X-680058*	$0	$0	$5,000,000.00	$0	$0	$5,000,000.00
Out Year Funding	$0	$0	$0	$8,250,000.00	$24,750,000.00	$33,000,000.00
	$0	$0	$0	$0	$0	$0
	$0	$0	$0	$0	$0	$0
Total	$5,000,000.00	$5,000,000.00	$5,000,000.00	$8,250,000.00	$24,750,000.00	$48,000,000.00

The Need for Broadband

- GPS Mapping
  - Local
  - Application

- Multimedia messaging
  - Onboard texting
  - Can receive video and images

The Need for Broadband Continued

- Virtual Assistant
  - Local
  - Broadband

- Seamlessly transit between local radio network and LTE Broadband network

Questions?