

Technology and Innovation Committee –
Oct. 22, 2026

Motorola Master Services Agreement





BLUF:

10 Year + 5, 1 Year Options

Total Contract Value: \$199M

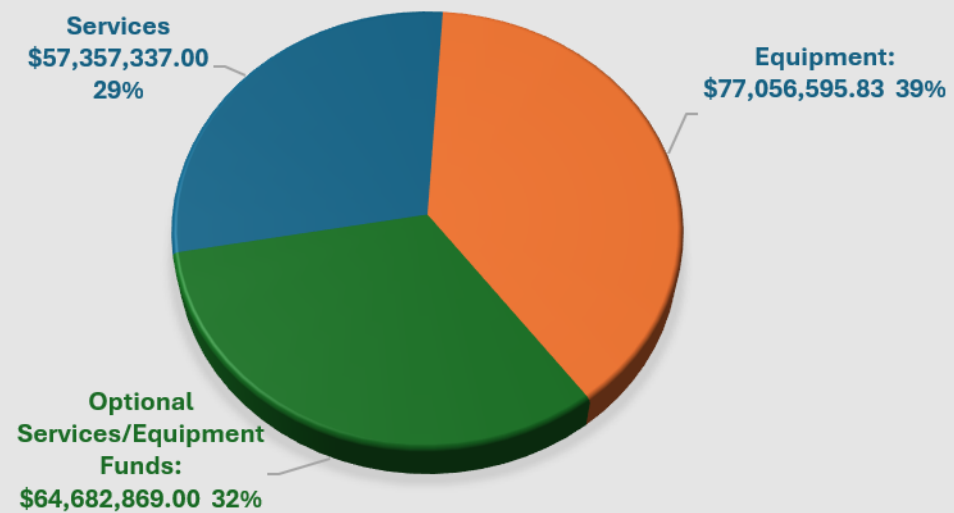
Total Contract Savings: \$102.5M

Capital Radio Funds - \$77M

Annual Radio Costs Total - \$57.3M

Optional Video - \$64.6M

SERVICES AND EQUIPMENT



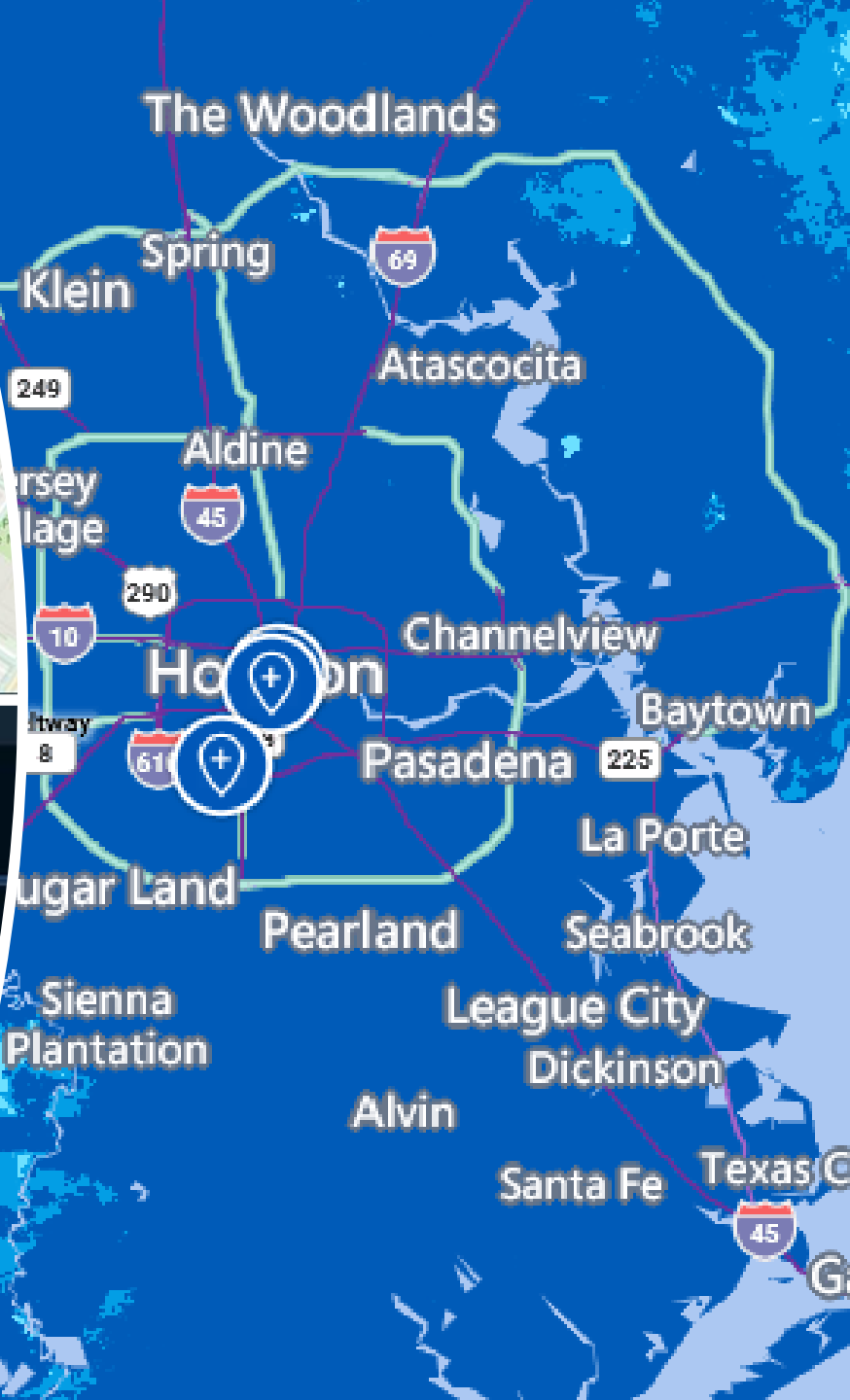
What and Why

- City wide contract for all Motorola technology and services
 - Leverages economies of scale and lowers administrative costs
 - Replaces expiring and existing contracts
 - Ensures continuity, system access, cyber, and lifecycle modernization.
 - Remain at State Interoperability Level 5 (Highest)
 - Continuation of Required Support Services
 - Radio system and user radios
 - Optional video systems and user video devices
- EOL/EOS Support Infrastructure
 - Tower site radio repeaters – 57 Radio Towers (46 physical towers)
 - Increased operational efficiencies
 - Radio Dispatch Consoles – 99 Radio Dispatch consoles (All Depts.)
 - Enhanced data interoperability with LEO and Fire field radios
 - Simulcast Controllers – 9 Virtual Prime Sites (On Site)
 - Provides quicker recovery from failure
- HFD Portable Radio Refresh
 - Current fleet of portable radios (on belt) - in service since 2017
 - Radios have been through significant wear and tear
 - Vendor recommendation for replacement is every 8 years
 - Meets latest NFPA code (NFPA 1930)



Highlighted

- Enterprise Licensing:
 - 6,207 active radios (HPD/HFD)
 - Projected to 9,446 (HPD officer growth and HFD refresh)
- Seamlessly transit between local radio network and supplemental LTE broadband network (major cellular carrier: ie. AT&T FirstNet, Verizon)
- GPS Mapping
 - Local
 - Application
- Multimedia Messaging
 - Onboard texting
 - Can receive images
- Virtual Assistant
 - Local
 - Broadband



Costs and Costs Savings

Total MSA 10 Year Costs:

Capital Radio Funds - \$77M (Total Savings: \$32.9M)
Annual Radio Costs Total - \$57.3M (Total Savings: \$21M)
Optional Video - \$64.6M (Total Savings: \$48.5M)
Total Costs: \$199M
Total Savings: \$102.5M

- Radio System Infrastructure – End of Life/Support - \$65.9M (\$28.5M Savings)
- HFD Portable Radio (on belt) Replacement - \$11.9M (Savings \$4.4M)
- Annual Maintenance & Support – \$32M (\$788k Savings)
- Enterprise Licensing - \$25.3M (\$20.2M Savings)
 - Location, Supplemented coverage (major cellular carrier: ie. FirstNet), Messaging, Virtual Asst.
 - Alleviates the need for additional radio tower sites (\$6-8M per)
 - **City of Houston will be the first agency in the country to receive enterprise licensing.**
- Video Systems, Devices, Applications (Optional) - \$64.6M (\$48.5M Savings)
 - Fixed, Mobile, Evidence Mgmt. System
 - Enterprise Licensing

