



Office of the City Manager

CONSENT CALENDAR

December 2, 2025

To: Honorable Mayor and Members of the City Council

From: Paul Buddenhagen, City Manager

Submitted by: Kevin C. Fong, Director of Information Technology

Subject: Contract No. 32400104 Amendment: SmartWave for City Facility Managed Wi-Fi

RECOMMENDATION

Adopt a Resolution authorizing the City Manager to amend Contract No. 32400104 with Smartwave Technologies LLC, for managed Wi-Fi and related services increasing the amount by \$280,000 for a total not-to-exceed amount of \$900,000 from July 25, 2023 to June 30, 2027.

FISCAL IMPACTS OF RECOMMENDATION

Funding for the additional services in the amount of \$280,000 will be available in the Department of Information Technology’s Cost Allocation Fund (Fund 680), Measure FF Fund, YAP Parks Tax Fund (Fund 138) and Marina Fund (Fund 608). Planned spending in the future fiscal years (FY) are subject to Council approval of the proposed city-wide budget and Annual Appropriation Ordinances.

Fiscal Year	Project	Fund	Cost
FY 2026	Fire Headquarters Wi-Fi Expansion	Measure FF Fund	\$71,000
FY 2026	YAP/MLK Youth Center Wi-Fi Expansion	Parks Tax (Fund 138)	\$11,000
FY 2026	Marina Wi-Fi Expansion	Marina Fund (Fund 608)	\$50,000
FY 2026	Wi-Fi Support and Maintenance	IT Cost Allocation Fund (Fund 680)	\$65,000
FY 2027	Wi-Fi Support and Maintenance and future expansions	IT Cost Allocation Fund (Fund 680)	\$83,000
	<b>Total Project Cost through FY 2027</b>		<b>\$280,000</b>

CURRENT SITUATION AND ITS EFFECTS

The City’s workforce continues to shift toward increased mobility and digital collaboration. Employees now depend on wireless connectivity to access enterprise applications,

communicate in real time, and deliver services to the community. As City operations increasingly utilize cloud-based platforms and mobile devices, reliable and high-performance Wi-Fi has become essential to maintaining operational efficiency and consistent service delivery.

To meet these growing demands, the City's Information Technology Department (IT) has identified the need to expand Wi-Fi coverage in existing facilities and extend it to new locations, including the new Fire Department Headquarters, Marina residents, and the Martin Luther King Youth Center. Additional funding will allow SmartWave Technologies to deploy new wireless access points (AP's), enhance performance in high-demand areas, and complete the initial phases of the Citywide Wi-Fi Project.

SmartWave has demonstrated strong performance and responsiveness, earning IT's confidence through consistent delivery, proactive support, and effective management of over 275 existing APs throughout City facilities. Their continued partnership ensures that the City can sustain and expand its network infrastructure while maintaining high service uptime standards.

An enterprise-quality Wi-Fi infrastructure aligns with the City's Strategic Plan Priority to provide state-of-the-art, well-maintained infrastructure, amenities, and facilities.

#### BACKGROUND

In 2023, IT initiated a citywide effort to modernize Wi-Fi infrastructure across all municipal facilities. As part of this initiative, with Council approval via Resolution No. 70,994-N.S., IT entered into a managed services contract with SmartWave Technologies LLC, leveraging a competitively bid cooperative agreement from the City of Tucson, Arizona.

This partnership has enabled IT to deploy over 275 wireless AP's across numerous City facilities, significantly improving network reliability, mobility, and coverage for City staff and visitors. SmartWave provides turnkey services that include installation, management, and ongoing maintenance of Wi-Fi networks, which allows IT to ensure high service availability.

As City operations expand into new facilities, and existing departments adopt more mobile and cloud-based technologies, there is an ongoing need to expand Wi-Fi coverage to ensure consistent, secure, and enterprise-grade connectivity across all sites.

#### ENVIRONMENTAL SUSTAINABILITY AND CLIMATE IMPACTS

Wi-Fi networks provide a more environmentally sustainable alternative to fully wired Ethernet systems. Deployments require significantly less copper cabling and physical materials, reducing environmental impact and construction waste. Additionally, as Wi-Fi enables remote access and digital workflows, it supports operational efficiencies that reduce travel, energy use, and greenhouse gas emissions.

The flexibility of Wi-Fi also allows for easier office reconfigurations with less material waste and lower costs over the network's lifespan. Expanding wireless access across City facilities will further support community connectivity and digital inclusion goals.

#### RATIONALE FOR RECOMMENDATION

Maintaining a citywide Wi-Fi network requires dedicated resources for deployment, monitoring, and hardware replacement. With more than 275 active access points across

facilities, internal IT staff lack sufficient capacity to provide 24/7 monitoring and rapid repair response.

Engaging SmartWave Technologies LLC ensures that the City's Wi-Fi infrastructure remains reliable, scalable, and cost-effective. Under IT supervision and leadership, the vendor provides end-to-end management, from installation and maintenance to on-site support ("truck runs"), ensuring system uptime and minimizing disruptions to City operations.

The City continues to utilize a competitively bid cooperative contract from the City of Tucson, AZ (Contract #240021-01, awarded May 10, 2024), which has been adopted by several other regional jurisdictions, including Oakland, San Jose, Dublin, and Pleasanton. SmartWave's proven track record with these municipalities further reinforces the City's confidence in their capabilities.

#### ALTERNATIVE ACTIONS CONSIDERED

Staff considered completing these installation services internally, but due to the high volume of existing work, staff do not currently have the capacity or the expertise to perform such a high volume of Wi-Fi installations and ongoing maintenance at all City locations.

#### CONTACT PERSON

Kevin C. Fong, Director of Information Technology, (510) 981-6541

Attachments:

1: Resolution

RESOLUTION NO. ##,###-N.S.

CONTRACT NO. 32400104 AMENDMENT: SMARTWAVE FOR  
CITY FACILITY MANAGED WI-FI

WHEREAS, the City continues to adopt a more mobile workforce, and the platforms the City Information Technology Department (IT) provides and supports are increasingly reliant on wireless technology; and

WHEREAS, via Resolution No. 70,994-N.S., City Council approved the City Manager to execute a contract with SmartWave Technologies LLC for City facility managed Wi-Fi; and

WHEREAS, The City of Tucson conducted a competitive Request for Proposal (RFP) process that solicited bids for a vendor to provide "Region-Wide Point to Point Wireless System for the Regional Transportation Data Network"; and

WHEREAS, The City of Tucson selected SmartWave Technologies LLC, which was awarded Contract #240021-01 and accepted on May 10, 2024 with one-year options to extend on an annual basis; and

WHEREAS, IT has been, and continues to use the competitively bid, cooperative contract #240021-01 from the City of Tucson, AZ for the same services; and

WHEREAS, to meet increasing demand, IT has identified the need for additional wireless access points (AP's) to improve coverage in existing buildings and new sites due to various city department expansions including the Fire Departments new Headquarters, Marina and Martin Luther King Youth Center; and

WHEREAS, having an enterprise quality Wi-Fi infrastructure is consistent with the City's Strategic Plan Priority to provide state-of-the-art, well-maintained infrastructure, amenities, and facilities; and

WHEREAS, the projected cost for Fiscal Year 2026 and 2027 is an additional \$280,000 in total, which will be available in the IT Cost Allocation Fund (Fund 680), Measure FF Fund, YAP Parks Tax Fund (Fund 138) and Marina Fund (Fund 608) and planned spending in future years (FY) are subject to Council approval of the proposed city-wide budget and Annual Appropriation Ordinances.

NOW THEREFORE, BE IT RESOLVED by the Council of the City of Berkeley that the City Manager or designee is authorized to amend Contract No. 32400104 with Smartwave Technologies LLC, for managed Wi-Fi increasing the amount by \$280,000 for a total not-to-exceed amount of \$900,000 from July 25, 2023 to June 30, 2027.