



# City of Seattle Emergency Operations Center



## Project Overview

**Total Complex:** 60,333 square feet

**EOC:** 14,290 s.f.

**Fire Station 10:** 26,730 s.f.

**Fire Alarm Center:** 12,520 s.f.

**Electrical/Mechanical Support Spaces:** 6,793 s.f.

**Art Budget:** \$425,000

**Total Project Cost:** \$44.3 million

**Architects:** Weinstein A|U Architects + Urban Designers

**Associate Architect:** Ross Drulis Cusenbery (CA)

**Contractor:** Hoffman Construction Company

### Technology

The EOC is equipped with state-of-the-art systems including: internet, satellite phones, video-conferencing, 800 MHz and short-wave/amateur radio, 130 work stations, 27 LCD flat screens, and two 7' x 9' projection screens.

### Seismic Design Criteria

The facility is built to the "essential facility" standard, a 1.5 seismic safety factor—capable of withstanding an earthquake load 50% higher than most buildings. Use of concrete and steel, window systems, equipment specifications and critical building systems are all designed to accommodate ground movement.

**Generator:** A 1,000-kilowatt unit provides back-up power for all heat and electrical systems. Two 3,000-gallon diesel tanks store enough fuel to run 72 hours at full capacity.

### Uninterruptible Power

**Supply (UPS):** The UPS provides continuous power to all systems until the generator system takes over.



## Emergency Operations Center (EOC)

In 2003, Seattle voters passed the \$167 million Fire and Emergency Response Levy to upgrade fire stations and improve emergency response. The new EOC is part of the largest project in the Fire Levy, giving Seattle the means to mobilize an effective city-wide response and coordinate with regional partners during a major disaster.

The EOC is the city's command center for coordinated leadership and direction. Senior staff and supporting partner representatives determine how to best provide services to the community when urgent demands outweigh critical resources. During an activation, the EOC can accommodate more than 150 emergency responders. Emergency management staff provide on-going work in mitigation, planning, preparedness and recovery.



The EOC is located within walking distance of city executives and external partnering agencies with offices in City Hall, the Justice Center and Seattle Municipal Tower.

## Address

Office of Emergency Management

105 5th Ave. S., Suite 300

Seattle, WA 98104



[www.seattle.gov/emergency](http://www.seattle.gov/emergency)  
206-233-5076



# Fire Station 10

## Fire Alarm Center



### Project Overview (continued)

#### Security

Control measures include: proximity card readers, biometric hand readers, closed-circuit TV monitors and a switchable door interlock function.

#### Green/Sustainability Features

The building design reflects the city's commitment to sustainability. A 12,000 gallon cistern captures water from on-site fire department drills, and the roof provides 100% of the apparatus washing and irrigation water. A 15,000 square foot vegetated roof will reduce heat given off from the building and slow down water before it enters the storm system. The project is on track for LEED Silver certification.

#### Art

Three artists designed pieces specifically for the site:

- Metz Chew, Bamboo Light sculpture (over)
- Gloria Bornstein, Sentinels sculpture (right)
- Stuart Nakamura, Firefighters sculptural element (above right)



**Fire Station 10**

At any time, 11 to 12 firefighters are on-duty providing fire suppression and emergency medical services (EMS) to the culturally diverse populations of Seattle's Pioneer Square and International District. Fire Station 10 is home to the department's Hazardous Materials response unit which monitors and mitigates the release of hazardous substances in the city.

### Fire Alarm Center (FAC)

Co-located with the EOC and Fire Station 10, the Fire Alarm Center dispatches fire and EMS resources city-wide. State-of-the-art work stations provide real-time monitoring of all fire apparatus, with fully adjustable controls allowing work from either a sitting or standing position.

Six dispatchers and one lieutenant are on-duty 24/7, handling an average of 275 calls per day. The FAC includes a server room, radio repair room, shift personnel support spaces and administrative offices. LCD wall screens provide camera and security monitoring.

The FAC also includes training space that can serve as the city's alternate 911 center for police emergencies.

### Building Dedication May 17, 2008

#### Address

Fire Station 10  
400 S. Washington St.  
Seattle, WA 98104

Fire Alarm Center  
105 5th Ave. S., Suite 400  
Seattle, WA 98104