

DATE: November 09, 2010

TO: Mayor and City Council

FROM: Director of Technology Services
Fire Chief

SUBJECT: Hayward Fire Department Video Conferencing System

RECOMMENDATION

That Council approves a resolution providing authority to the City Manager to negotiate and enter into a Memorandum of Understanding (MOU) with the City and County of San Francisco for distribution of Fiscal Year 2009 Urban Area Security Initiative (UASI) regional funds to procure and implement a Cisco TelePresence Video Conferencing System for the Hayward Fire Department.

BACKGROUND

The State of California operates the California Emergency Management Agency (CalEMA), which is the State ruling authority in an emergency. CalEMA has implemented a state-of-the-art video conferencing system from Cisco Systems called TelePresence. This system will be used in an emergency to assist with communications between CalEMA and the various agencies that are responding to an emergency.

DISCUSSION

Whenever a statewide emergency occurs, the Hayward Fire Department (HFD) companies can be called upon to operate throughout the State as part of the Statewide Mutual Aid system, these companies are then required to operate on a seven-day minimum rotation. Under this operating scenario, a phone conversation may be the only or best means of available communication. The ability to conduct a video conference would benefit our Firefighters, as well as enhance the emergency response capacity of the Fire Department.

These Mutual Aid responses are coordinated by CalEMA through the Office of the Governor, where this proposed tele-conferencing system is currently being utilized. The implementation of this project in Hayward will provide a direct link to CalEMA during our emergency deployments.

The proposed project will enable HFD to use the TelePresence system to connect with CalEMA and to facilitate internal tele-conferencing for meetings and training. This acquisition is a leading-edge pilot project by Cisco Systems, working in cooperation with the City of Hayward. To ensure absolute compatibility with our existing network infrastructure Technology Services has standardized on Cisco products, there is a sole source form for Cisco Systems on file with City Purchasing. Cisco Systems has offered the highest discount, 70% off the suggested list price, which the City has not seen for any of our projects. With past projects, the discount from Cisco has averaged 32% off list, as was the case for our Voice over Internet Protocol (VoIP) project. This discount is offered for this one-time Public Safety pilot project, which will serve as a model for agencies throughout the State working under CalEMA in an emergency.

The system will not only enable video conferencing with CalEMA. It is also intended to provide direct communications between all HFD stations, as well as "linking" these Fire Stations to our Emergency Operations Center (EOC); HFD companies operating throughout the State; and CalEMA (operated out of the Governor's Office). This internal linking provides every-day, non-emergency benefit by allowing HFD stations to simultaneously communicate with one another and to participate in all-department training without leaving their respective fire stations. This greatly improves both the efficiency and availability of regular departmental training sessions. It is also a greener method of providing training for an organization with 24/7 operations provided out of multiple locations.

FISCAL IMPACT

The system will be purchased initially by the City with the costs being reimbursed through a special grant from the Bay Area UASI as part of a regional effort to assure preparedness and communications during an emergency. The forthcoming grant and pricing from Cisco are the results of the initiative of HFD staff working with UASI staff, with support from Technology Services.

The cost is projected to be \$216,106. City Council approval is requested to allow HFD to purchase the system using existing General Fund dollars currently appropriated within Technology Services with full re-imburement from the forthcoming UASI grant. The acquisition of the system will be contingent upon execution of the UASI Memorandum of Understanding/Grant Agreement.

The City of Hayward annual budget resolution provides that Council authorization to apply for grants also authorizes appropriations of funds if the grant is awarded. Therefore no further Council action will be required. The annual maintenance for the system is estimated at \$30,000 and will be the on-going responsibility of HFD through the regular budgeting process.

PUBLIC CONTACT

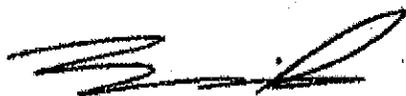
None

SCHEDULE

Procurement, installation, and configuration are projected to be completed by the end of the first quarter of calendar year 2011.

Prepared by: Clancy Priest, Technology Services Director
Craig Bueno, Fire Chief

Approved by:

A handwritten signature in black ink, appearing to read 'Fran David', written over a horizontal line.

Fran David, City Manager

Attachment:

Resolution

HAYWARD CITY COUNCIL

RESOLUTION NO. 10-

Introduced by Council Member _____

RESOLUTION AUTHORIZING THE CITY MANAGER TO ENTER INTO A MEMORANDUM OF UNDERSTANDING (MOU) WITH THE CITY AND COUNTY OF SAN FRANCISCO FOR DISTRIBUTION OF FISCAL YEAR 2009 URBAN AREA SECURITY INITIATIVE (UASI) REGIONAL FUNDS TO PROCURE AND IMPLEMENT A CISCO TELEPRESENCE VIDEO CONFERENCING SYSTEM FOR THE HAYWARD FIRE DEPARTMENT

BE IT RESOLVED by the City Council of the City of Hayward that the City Manager is hereby authorized and directed to negotiate and execute a Memorandum of Understanding (MOU) for distribution of fiscal year 2009 Urban Area Security Initiative (UASI) regional funds to procure and implement a Cisco TelePresence Video Conferencing System for the Hayward Fire Department in an amount not to exceed \$220,000, in a form to be approved by the City Attorney.

IN COUNCIL, HAYWARD, CALIFORNIA _____, 2010

ADOPTED BY THE FOLLOWING VOTE:

AYES: COUNCIL MEMBERS:
MAYOR:

NOES: COUNCIL MEMBERS:

ABSTAIN: COUNCIL MEMBERS:

ABSENT: COUNCIL MEMBERS:

ATTEST: _____
City Clerk of the City of Hayward

APPROVED AS TO FORM:

City Attorney of the City of Hayward