



REPORT TO COUNCIL **7**

City of Sacramento

915 I Street, Sacramento, CA 95814-2604
www. CityofSacramento.org

Consent
October 31, 2006

**Honorable Mayor and
Members of the City Council**

**Title: Contract Award for the Howe Avenue Fiber Optic Cable Installation Project
(PN:AB72)**

Location/Council District: The majority of this project is located along Howe Avenue from Fair Oaks Boulevard to Arden Way within both City and County limits. The portion within City limits is located within Council District 3 (see enclosed map).

Recommendation: Adopt a **Resolution** authorizing the City Manager: 1) to approve the contract plans and specifications for the Howe Avenue Fiber Optic Cable Installation Project, and award the contract to Adesta LLC for an amount not to exceed \$146,173, and (2) establish a revenue and expense budget in the amount of \$146,173 for the reimbursement of the construction costs from Los Rios Community College District.

Contact: Dave Brent, Engineering Manager, 808-1420; Dave Hansen, Supervising Engineer, 808-1421; Thanh V. Vo, IT Project Manager 808-7988.

Presenters: N/A

Department: Department of Utilities

Division: Engineering Services

Organization No: 3332

Description/Analysis

Issue: The City is pursuing and implementing a Fiber Optic System to facilitate the application of telecommunications services to accommodate the requirements of traffic control, surveillance cameras, Utilities facilities monitoring and controlling, network connectivity, and communication purposes among all its various facilities and potentially other agencies and municipal institutions in the Sacramento region.

This project is a joint effort among the following agencies who will share the fiber optic cables: City departments of Transportation, Utilities, and Information Technology, the County of Sacramento, and Los Rios Community College District (LRCCD).

On October 26, 2005, the City entered into an agreement with LRCCD to install a shared fiber optic cable network that improves the City's Fiber Optic System and makes possible for LRCCD to connect its offices and main campuses to its networks. In addition, the City signed an agreement on March 1, 2006 with the County of Sacramento that allows the City to install a fiber optic cable in a County

and City shared conduit along Howe Avenue.

Policy Considerations: The requested action is in conformance with City Code Section 3.60, Articles I and III, which provides that the City Council may award competitively bid contracts to the lowest responsible bidder. This report's recommendation is consistent with the City's Strategic Plan goals of improving and expanding public safety.

Environmental Considerations: The Planning Services Division, Environmental Section, has reviewed the project and has determined that this project is exempt from CEQA under Section 15301(c) of the CEQA Guidelines (minor alteration of public streets involving no expansion of use). A notice of categorical exemption will be filed with the County Clerk after City Council award of the project.

Rationale for Recommendation: This project will allow the following agencies to use the latest technology to transmit data and video: City Departments of Utilities, Transportation, and Information Technology, County of Sacramento, and the Los Rios Community College District. This fiber optic cable system will be used for communication, video, data transfer, and traffic signal coordination to enhance public safety. In addition, this section of fiber optic cable will allow the City to form a loop system which will increase the overall reliability of our system.

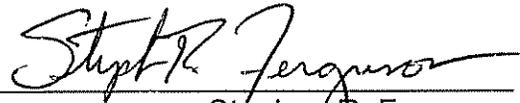
Financial Considerations: The estimated total project costs, including the construction contract cost of \$146,173, are \$195,422 and will be funded from the Howe Avenue Fiber Optic Cable Installation Project (AB72) which includes additional funding of \$15,000 from the Water Fund (413), \$11,000 from the 2003 Capital Improvement Revenue Bonds Fund (712), \$8,249 from the City Wide Fiber Project Fund (101) and \$15,000 from Transportation Sales Tax Fund (201) will be transferred to the project's budget to cover the project costs.

As set forth in section 4.2 in the CM Agreement 2005-1011, LRCCD shall pay the construction costs of this project for placing new conduits and pulling additional fiber optic cables to connect LRCCD's district offices and main campuses. LRCCD's estimated construction cost reimbursement for this project is \$146,173.

A revenue budget and expense budget in the amount of \$146,173 (Fund 248) will be established for this reimbursement of costs from LRCCD.

Emerging Small Business Development (ESBD): This project included participation goals of 20% for emerging and small business enterprises as required by Ordinance 99-007 and Resolution 99-055 relating to ESBD participation goals and policies, adopted by City Council on February 9, 1999. The lowest responsive bidder, Adesta LLC, exceeded the ESBE goals with a participation level of 68.42%.

Respectfully Submitted by: 
David L. Brent
Engineering Manager

Approved by: 
Stephen R. Ferguson
Chief Information Officer

Approved by: 
Gary A. Reents
Director of Utilities

Recommendation Approved:

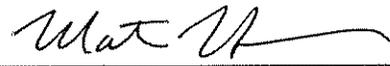

for Ray Kerridge
City Manager

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Background

Attachment 1

The City is pursuing and implementing a Fiber Optic System to facilitate the application of telecommunications services to accommodate with the requirements of traffic control, surveillance cameras, Utilities facilities monitoring and controlling, network connectivity, and communication purposes among all its various facilities and potentially other agencies and municipal institutions in the Sacramento region.

This project is a joint effort among the following agencies who will share the fiber optic cables: City Departments of Transportation, Utilities, and Information Technology; the County of Sacramento; and the Los Rios Community College District (LRCCD).

On October 26, 2005, the City entered into an agreement with LRCCD to install a shared fiber optic cable network that improves the City's Fiber Optic System and makes possible for LRCCD to connect its offices and main campuses to its networks. In addition, the City signed an agreement on March 1, 2006 with the County of Sacramento that allows the City to install a fiber optic cable in a County and City shared conduit along Howe Avenue.

This fiber optic cable system will be used for communication, video, and traffic signal coordination to enhance public safety. This project will allow the following agencies to use the latest technology to transmit data and video: Department of Utilities, Department of Transportation, Information Technology Department, County of Sacramento, and the Los Rios Community College District.

In addition, this section of fiber optic cable will allow the City to form a loop system which will increase the overall reliability of our system.

This project will benefit the Los Rios Community College District in the following ways:

- Reduce LRCCD's cost of installing fiber optic cable and expand its current fiber infrastructure.
- Contribute to LRCCD's high-speed interconnections between the district offices, main campuses, and other institutions.
- Contribute to the backbone for the educational sponsored data network that services higher education institutions in California.

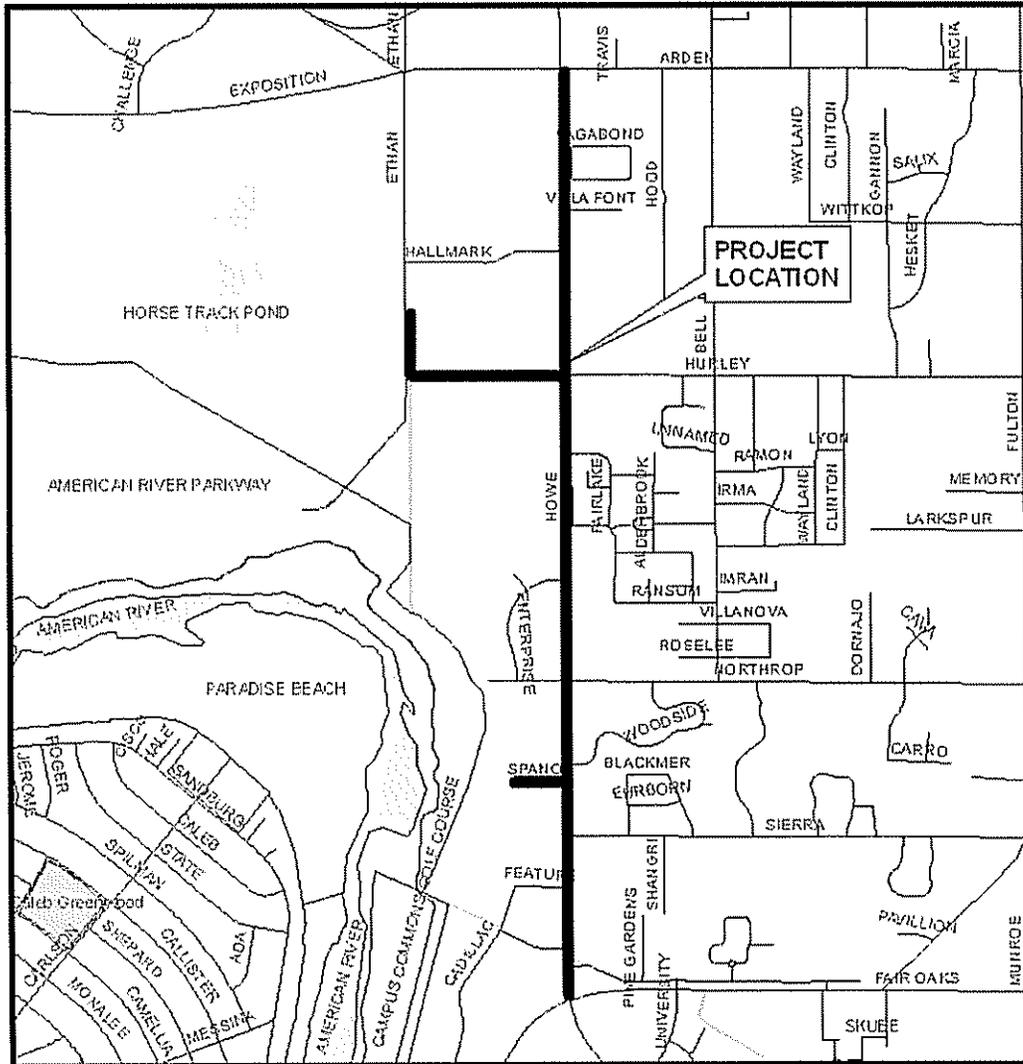
This project was advertised and five bids were received and opened on September 27, 2006 as summarized below. The Engineer's Estimate was \$170,000.

Contractor	Bid Amount
Adesta LLC	\$146,173
Golden State Utility	\$159,953
Pacific Utility Construction	\$161,802
Vellutini Corporation	\$168,218
Arrow Construction	\$208,085

Location Map

ATTACHMENT 2

HOWE AVE. FIBER OPTIC CABLE
INSTALLATION PROJECT
(JN:9348)



file:///C:/Users/John/Desktop/Howe Ave Fiber Optic Cable Installation.dwg



Map Prepared By
City of Sacramento
Department of Utilities



RESOLUTION NO.

Adopted by the Sacramento City Council

**AWARD A CONSTRUCTION CONTRACT FOR THE
HOWE AVENUE FIBER OPTIC CABLE INSTALLATION PROJECT**

BACKGROUND

- A. This Howe Avenue Fiber Optic Cable Installation Project (PN: AB72) will install fiber optic cable along Howe Avenue from Fair Oaks Boulevard to Arden Way. In addition, fiber optic cable will be installed along Spanos Court, Hurley Way, and Ethan Way.
- B. This fiber optic system will be shared among the following agencies: City Departments of Utilities, Transportation, and Information Technology, County of Sacramento, and the Los Rios Community College District.
- C. The project was advertised for public bidding and bids were received on September 27, 2006. Adesta LLC is the lowest responsible bidder. There are sufficient funds in the project budget to award and complete this project.
- D. As set forth in section 4.2 in City Manager Agreement 2005-1011, Los Rios Community College District shall reimburse the City for the construction costs of this project for placing new conduits and pulling additional fiber optic cables to connect Los Rios Community College District (LRCCD) district offices and main campuses.

**BASED ON THE FACTS SET FORTH IN THE BACKGROUND, THE CITY COUNCIL
RESOLVES AS FOLLOWS:**

- Section 1. The contract plans and specifications for the Howe Avenue Fiber Optic Cable Installation Project are approved, and the contract is awarded to Adesta LLC for an amount not to exceed \$146,173.
- Section 2. The City Manager is authorized to establish a revenue budget and expense budget in the amount of \$146,173 (Fund 248) for the reimbursement of the construction costs from LRCCD.

