

Agenda Report

TO:

CITY COUNCIL

DATE: June 21, 1999

FROM:

CITY MANAGER

SUBJECT:

CONSTRUCTION OF AN 80 FT. ANTENNA TOWER AND A WIRELESS

COMMUNICATIONS BUILDING

RECOMMENDATION

It is recommended that the City Council

- 1. Accept the bid dated May 19, 1999 submitted by Tower Structures, Inc. in response to the specifications for the manufacture and construction of an 80 ft. antenna tower and the construction of a wireless communications building;
- 2. Reject all other bids received;
- 3. Authorize the City Manager to enter into a contract with Tower Structures, Inc. for an amount not to exceed \$202,545 (Bid amount \$192,900 plus 5% contingency factor of \$9,645).

BACKGROUND

MEETING OF

The Mirador Communications Facility located at 2000 Glen Oaks Boulevard provides radio communications coverage for the Police Department, Public Works Department, Water & Power Department and all other City service departments. This site also provides point-to-point microwave communications which carry telephone and data service to the City Yards and the Water & Power Administration Offices at 150 S. Los Robles Avenue as well as control channels for the various radio communications systems from the Police Department Dispatch Center. The areas serviced by this site greatly affect public safety. The existing facility, built in the early 1960's, can not adequately accommodate the new technologies that are currently in use. The electrical system is outdated and insufficient. The building grounding system is inadequate and the HVAC system does not provide adequate cooling for the equipment that must run 24 hours a day.

The existing towers consist of two 30-foot wooden poles and cross-arms. These poles are no longer sufficient to mount the associated radio equipment antennas. In addition, planned construction on the adjacent private property make it necessary to construct a taller, safer and more secure antenna tower to ensure that services to the City will not be disrupted.

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After evaluation by City staff and a private architect, plans to expand the existing building were eliminated because to do so would encroach on private property. In addition, adequate space was not available and accessibility to the building would be severely limited.

A Notice Inviting Bids was published on April 1, 1999 in The Journal News. Bids were mailed to twelve firms. At the bid opening of May 19, 1999, two firms submitted bids. The bid results are as follows:

BIDDER	AMOUNT
1. Tower Structures, Inc.	\$192,900
2. Telcom Communications	\$275,053

The bid submitted by Tower Structures, Inc. was the lowest responsive and responsible bid. Therefore, it is recommended that the bid be awarded to Tower Structures, Inc. in the amount of \$192,900.

FISCAL IMPACT

The subject project is included in the approved FY99 Capital Improvement Program. Funding for this portion of the project is available in the El Mirador Transmitter Site Project, Account #301-145300-71102.

Respectfully submitted,

City Manager

Prepared by:

Sue Dver

Management Analyst

Approved by:

Robert Person

Assistant to the City Manager