

COUNCIL AGENDA: APRIL 1, 2014

SUBJECT: AUTHORIZATION TO ADVERTISE FOR BIDS – FIBER OPTIC INSTALLATION

SOURCE: Public Works Department - Transit

COMMENT: In order to meet the City's Transit Division's communication needs, the City is currently installing conduit that will connect the Transit Center to the City's main data center. Plans and project manual have been prepared to extend the City's fiber optic backbone and support the Transit Division in its efforts to improve telecommunications infrastructure.

Currently, the Transit Division's applications are predominately web based and require additional network capacity to function properly. Staff has identified that long-term financial savings will be accomplished if the Transit Center utilizes the City's fiber optic backbone. The plans and specifications are available in the La Barca Conference Room for Council's review.

Additionally, during fiscal year 2014-2015, the Transit Division will be installing a new integrated security system that will require high-capacity network communication back to servers located in the City's main data center. Having the security system linked to the main data center will facilitate improved monitoring and maintenance.

It is staff's recommendation to advertise for proposals for the purchase and certified installation of a minimum of 12 strands of single mode fiber optic cable from the City's main data center to the City's Transit Center.

Proposition 1B is the funding source for this project and was approved in the 2013/2014 Annual Budget.

RECOMMENDATION: That the City Council:

1. Approve staff's recommended Plans and Project Manual; and
2. Authorize staff to advertise for bids on the project.