



Sacramento Public Library Authority

September 24, 2009

Agenda Item 13.0: Agreement for Use of Fiber Optic Network - North Natomas Library

TO: Sacramento Public Library Authority Board Members

FROM: Gerry Calderon, Information Technology Manager

RE: Agreement for Use of Fiber Optic Network–North Natomas Library

RECOMMENDED ACTION(S):

- 1. Approve** an agreement with the City of Sacramento to utilize the existing fiber optic network to connect the North Natomas Library to the Library's server network at the Central Library, for a ten year period, in an amount not to exceed \$80,000 for that ten year period, with the option for three additional five-year terms.
- 2. Authorize** the Library Director to finalize and sign all documents related to this agreement within the approved terms.

REASON FOR RECOMMENDATION

The North Natomas Library is within the jurisdictional boundaries of the City of Sacramento Fiber Optic System. The utilization of unused segments of the existing fiber optic system by the Library is for the purpose of maximizing use of available bandwidth capacity at a fixed cost for a ten-year period.

By utilizing the City of Sacramento's dark (unused/available) fiber optic strands, the 114 computers for use by the public and staff will be fully functional at the library's opening. The Library will also be able to accommodate the anticipated growth in demand for bandwidth for a ten-year period at a fixed annual cost of \$7,139, as the City of Sacramento's fiber optic system offers unlimited bandwidth expansion. Bandwidth usage continues to grow rapidly with the public's increased use of social networking sites, including the use of streaming video and other high bandwidth programs.

The contract includes an option to renew the agreement for three additional five (5) year terms provided both parties agree in writing to each extension prior to the end of the then-current term.

Fiscal Impact

The current North Natomas project budget planned for use of an AT&T fiber optic connection (10 Mbps) at an annual cost of approximately \$13,000. While the library currently enjoys the benefit of the federally subsidized "E-rate Discount", a grant program that rebates 65% of the cost of connectivity services through public utility companies, there is no guarantee that the "E-rate" program will be offered every year in the future. In addition, staff estimates that the 10 Mbps bandwidth provided through the AT&T connection will need to be expanded within the ten-year period, likely at a higher cost for service. Both cost and expansion ability were key factors in recommending use of the City of Sacramento's fiber optic system over the AT&T connection. The proposed annual cost of \$7,139 is included in the FY 2009/10 Final Budget recommended for approval.

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