



City of Aurora

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Cover Memorandum

File Number: 13-00824

Agenda Date: 11/26/2013

Version: 1

Status: Passed

In Control: City Council

File Type: Resolution

Agenda Number:

TO: Mayor Thomas J. Weisner

FROM: Ted Beck, Chief Technology Officer

DATE: 10-30-2013

SUBJECT:

A resolution authorizing the purchase and installation of a communications tower at 2680 Church Road. (Church Road Water Tower). Purchases to be made with Sentinel Downers Grove, IL and RA Ubert Yorkville, IL. Total project cost of \$169,418.00.

PURPOSE:

This project consists of the purchase and installation of a 190' communications tower at the City's Church Rd. Water Tower site. This tower will support both economic development and Public Safety needs.

BACKGROUND:

The City's fiber optic build for 2103 extended fiber through the TIF 2 area. This build includes building fiber and a communication shelter for our water tower site. The original plan for this extension of our City network called for the addition of a communications tower on this site. The expansion of the Premium Outlet Mall and other facilities within the TIF2 area requires a further extension of the City's network. This project also allows for a separation of communication equipment from equipment operated by the City's Water Department. This allows for higher security for the water tower while providing more efficient access for vendors. Sentinel as a tower vendor was recommended by two communities and RA Ubert was recommended by City staff. Sentinel Technologies has assisted the City on the network and fiber projects for the last several years. Their performance has been outstanding. My affidavit for sole source under these circumstances is attached.

DISCUSSION:

Successful completion of the construction portions of this project allows the City to proceed with the original communication plan. Funds are available for this project from TIF 2.

- Funds for this project will be transferred from 232-4460-431.83-48 to 232-1232-419.73-86.

- Neither Sentinel or RA Ubert have outstanding debt with the City
- Due to remaining construction window and overall importance to the area a sole source affidavit is attached

IMPACT STATEMENT:

This project allows for substantial radio system performance for the area that encompasses TIF 2. This enhanced performance is to the benefit of all City operations, Police, Fire, Public Works to name a few. It also provides support for multiple point to point wireless networks to extend the City's network.

RECOMMENDATIONS:

That the members of the Finance Committee authorize the purchase and installation of a free standing 190' communications tower at the Church Rd Water Tower site.

cc: Alderman O'Connor, Chairman
Alderman Mervine
Alderman Peters, Alternate

PRIOR ACTION