

**Request for Proposal**  
**Digital Television and Streaming Server**  
**Rochester School District**

The Rochester School District will accept proposals until no later than **12:00 noon EST on Thursday, January 10, 2019**. The bids will be opened publicly and read aloud at that time.

Proposals shall be submitted to Michael Hopkins, Superintendent of Schools, Rochester School Department, 150 Wakefield Street, Suite 8, Rochester, New Hampshire 03867. Proposals must be submitted on the attached bid proposal form in sealed envelopes plainly marked **Proposals: Request for Proposal for a Digital Television and Streaming Server – Rochester School District**. Failure to properly mark the envelope will result in disqualification of the bid if it is prematurely opened.

Specifications with the required Proposal Form may be obtained at no cost from the Superintendent of Schools Office or on the District website at:

[www.rochesterschools.com/SAU/bids/bids.html](http://www.rochesterschools.com/SAU/bids/bids.html)

The Rochester School District reserves the right to award to other than the lowest proposal and to waive any informalities in the process. No proposal shall be withdrawn for a period of sixty (60) days subsequent to the opening of bids without the consent of the Rochester School Department.

\*\*No proposals that are late, telephoned, faxed or emailed will be accepted.

## **Request for Proposals for a Digital Television and Streaming Server**

The Rochester School District is seeking proposals for a vendor to replace a current television video server. The proposal will provide options based on the specifications listed below and recommendations from the vendor. Once a vendor is selected, plans will be finalized and a purchase agreement will be submitted to the Rochester School Board. Vendors shall submit a proposal by January 10, 2019 12:00 noon EST. The Superintendent will make a recommendation to the Board for a vendor to complete the design plan, including budget options, and installation.

Items required:

The District seeks to upgrade its current system to provide digital content for cable broadcasting and streaming to the web.

Replace the current server with a digital server that allows the storage, scheduling, and playing of video over a cable television channel. The server or associated products should also allow streaming to the web, and liver broadcasting from various locations in the District. The live broadcast should be available from any district location with a LAN connection.

The Rochester School District reserves the right to waive any informality received where such acceptance, rejection, or waiver is considered to be in the best interest of the District. The District also reserves the right to reject any proposal where evidence or information submitted by the Vendor does not satisfy the District that the vendor is qualified to carry out the requirements of the contract documents.

The Rochester School District invites qualified bidders to submit proposals to the Rochester School District for replacing the current digital server. This bid package includes the following: The ability to store, retrieve, and broadcast near instantaneously multiple months/hours/days of HD content. The video server should be integrated into our current broadcast system. Storage must be indexed for quick searching and must contain enough meta-data to provide contextual clues to the station operator. The entire system must provide meaningful reporting and metrics around use and storage of content and should provide a publically accessible interface.

One (1) HD/SD Video On Demand and Streaming Server for one channel with associated costs for one (1) and multiple years of service.

- The server should be Linux based (or provide reliable information to solve Window based issues), provide automation, playback, recording in an all in one server.

- Vendor shall provide the specs for the server.
- The server should provide a browser based access from any location via the user interface.
- Advanced content management with the ability to import virtually any file format for playback.
- Advanced scheduling including drag and drop, copy/paste, block copy, bulk replace, and recurring events.
- Real time live scheduling. Downstream graphics.
- Emergency only login for trusted users for emergency notifications.
- Simultaneously go live and record.
- Enter meta-data information for file only once.
- Ability to archive programming to a NAS device, FTP location and archive.org.
- Automatic channel loudness control. Ability to deliver a SD signal to cable tv and an HD version for streaming.
- Find and download free programming from media exchange.
- Ability to broadcast programs for web streaming and mobile viewing.
- Various methods to organize content. System allows banner ads and announcements.

One (1) HD/SD Video Signage and Messaging server.

The ability to broadcast simultaneous from multiple local and remote locations, with remotes located within the Rochester School District facilities. Video and audio coverage should be available via a LAN connection in any school facility.

Additional components as required to meet the typical requirements of the District cable and streaming process.

The purpose of this RFP is to solicit proposals from vendors that can demonstrate that they possess the organizational, functional and technical capabilities for replacement of its television station management hardware and software.

The District will consider proposals from single suppliers with experience in successfully implementing the proposed solution at for a school district or local community. The successful supplier shall be responsible for the final District approved design, installation, implementation and commissioning of the video system including development of user acceptance testing, system integration, training and connectivity to existing resources.

## Proposal Sheet

### Date:

Vendor Name:

Address:

Contact information

Recommended System and cost with options from the vendor's recommendations

List components and the cost of each major component or system

Total Cost prior to consultation \$\_\_\_\_\_

Vendors shall provide references of similar work to this proposal, examples of similar work and any information to guide the selection process. Please provide documentation as to why the District should select your firm for this project. The selection process may include interviews, either via phone or in person. The process may require further clarification or information from one or more vendors on their proposal.

If you have questions about the proposal, please contact Michael Hopkins, 603-332-3678 or [hopkins.m@rochesterschools.com](mailto:hopkins.m@rochesterschools.com).