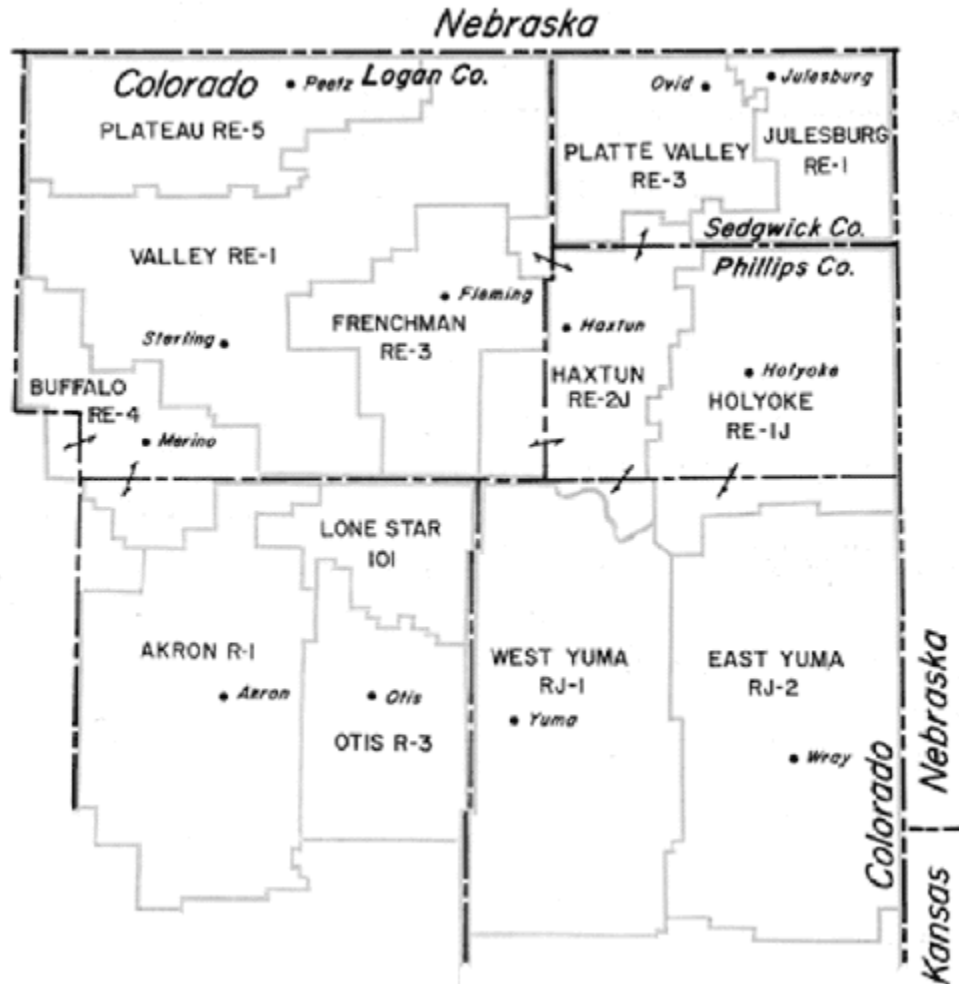


# Northeast Colorado WAVES (Wide Area Virtual Education System) Consortium Request for Proposal



**For the Provision of Infrastructure Development,  
Service Aggregation, Connectivity and Ongoing Network Services**

**December 19, 2011**

The Northeast Colorado WAVES Consortium is inviting proposals for broadband connectivity to serve 12 member districts and the Northeast Colorado BOCES. This RFP is specifically seeking bundled services for the proposed network.

*Bundled Services: We are seeking a bundled solution for broadband connectivity. We want service providers to offer the circuits bundled with the WAN equipment located at each school site. Responses must follow USAC rule when responding.*

*<http://www.universalservice.org/sl/applicants/step06/on-premise-priority1-equipment.aspx>--SLD guidance for On-Premise Priority 1 services.*

The Northeast Colorado BOCES, on behalf of its 12 member districts, is seeking broadband connectivity. Services requested are for connectivity that includes transport for video, voice and data. Connection capabilities must provide priority for video. Responses must include bundled circuits plus equipment with configuration in a managed network service. Response time for outages and cost adjustments must be clearly stated in the service level agreement (SLA).

Bids should provide costs for 5, 10, 20, 30, 40, 50 and 100 mps of synchronous connectivity preferably through a fiber connection but other means of transmission would be considered. Additionally we are asking for a pricing structure up to 1GB in 100mb increments allowing for a solid upgrade path for growth. Pricing options should include aggregating bandwidth up to 1GB to be divided among participating districts based on bandwidth needs.

All proposed pricing and contracts must disclose:

- Transport and bandwidth/Internet Access priced separately
- Transport and bandwidth/Internet Access combined
- Aggregated bandwidth pricing model and,
- Options for allowing purchase of transport and bandwidth from different vendors

**All initial non-recurring costs and monthly costs including all maintenance and operations costs must be included in pricing.**

Respondents must disclose any additional costs as well as equipment specifications for USAC reporting purposes. Also requested are oversubscription rates, throughput tests and network diagrams. Network configuration must include external IP addressing for video endpoints or another comparable option. Transport capability to Internet 2 is preferred.

This RFP calls for an implementation that may be installed, tested, and fully operable by August, 2012 but logistics of a completed build-out may be negotiable. Contracting must be e-rate compliant and all non-e-ratable expenses must be clearly identified and presented in a separate budget.

*Contract term: The contract will be for 3 years ending June 30, 2015. Contracts may be offered as a single award or a multi-award contract. At the end of the initial term, the contracts may, upon the written agreement of the parties, be renewed for up to two (2) additional one (1) year terms. The contract(s) may be terminated by either party with a 60 day notice.*

Any multi-year contracting proposed must retain e-rate eligibility to be considered.

## **Questions**

Vendors/contractors may submit questions to:

Arlene Salyards  
Northeast Colorado BOCES  
P.O. Box 98  
Haxtun, CO 80731  
(970)774-6152  
[asalyards@nebores.com](mailto:asalyards@nebores.com)

## **Selection of Proposal**

An Evaluation Committee will review and score offers submitted and make a ranked recommendation for award.

Pricing will be the primary element considered in determining the successful offer. Estimates are not acceptable. Local presence (i.e., a staffed capability to respond quickly to any service concerns) will be another key determining element. Proposals with indefinite pricing information will not be considered.

The Northeast Colorado BOCES Consortium or a member district reserves the right to cancel or withdraw from the RFP if responses are not found to have adequately met the project requirements for performance or affordability.

## **Summary**

This RFP is intended to generate the best ideas for providing the BOCES and participating school districts a reliable and cost effective approach to broadband connectivity that has the ability to grow as needed. Creativity and new ideas brought to the table for consideration in this effort are welcome.

## **Attachment A**

**Requirement 1** - The proposed network must encompass and extend the connectivity of the existing Haxtun- Holyoke fiber optic WAN. This is provided by:

Phillips County Communications LCC  
Vincent Kropp, General Manager  
240 S. Interocean Ave.  
Holyoke, CO 80734  
970-854-2201  
[www.pctc.net](http://www.pctc.net)

**Requirement 2** - Haxtun and Holyoke school districts will require bandwidth to support internet access including 2 existing IP Video sessions and up to 3 simultaneous IP Video sessions at each site (6 combined). The Northeast BOCES office is adjacent to the Haxtun School, connected to the school by fiber optic cabling. Shared network connectivity options should include all three sites.

**Haxtun RE-2J**  
201 West Powell  
Haxtun, CO 80731

**Holyoke RE-1J**  
435 South Morlan  
Holyoke, CO 80734

**NE CO BOCES**  
301 West Powell  
Haxtun, CO 80731

**Requirement 3** - Other participating districts will require initial bandwidth to support an existing single IP Video session as well as Internet Access. Responses should include pricing and service options for connectivity that may support two simultaneous IP Video sessions at each of the following sites.

**Akron R-1**  
600 Elm Ave.  
Akron, CO 80720

**Buffalo RE-4J**  
315 Lee  
Merino, CO 80741

**Frenchman RE-3**  
506 North Fremont  
Fleming, CO 80728

**Julesburg RE-1**  
102 West 6<sup>th</sup>

Julesburg, CO 80737

**Lone Star #101**

44940 County Rd 54  
Otis, CO 80743

**Otis R-3**

301 Work  
Otis, CO 80743

**Plateau RE-5**

311 Coleman  
Peetz, CO 80747

**Platte Valley RE-3**

300 Morgan  
Ovid, CO 80744

**Wray RD-2**

30222 County Rd 35  
Wray, CO 80758

**Yuma-1 (BOCES Office)**

500 South Elm  
Yuma, CO 80759

For details on the current connectivity and technical capabilities of district sites contact:

Arlene Salyards  
Northeast Colorado BOCES  
P.O. Box 98  
Haxtun, CO 80731  
(970)774-6152  
[asalyards@neboces.com](mailto:asalyards@neboces.com)