

Nebraska's Proof of Concept TV White Space Pilot Projects:

The Nebraska Office of the CIO, in partnership with the advisory groups of the Nebraska Information Technology Commission, is seeking \$75,000 in grant funds to purchase equipment and installation to enable directional TV White Space UHF transmission to extend the Internet access from at least five fiber Internet base stations to at least five customer premise equipment locations (EACH) with the intent to extend the campuses of these public entities in order to share digital resources, engage in research, provide for telehealth videoconferencing, and also support nomadic emergency response vehicles.

“Shovel Ready” Project Sites:

[K12 EDUCATION] Schuyler Public Schools, 401 Adam Street, Schuyler, NE 68661

- Dan Hoesing, Superintendent, dan.hoesing@schuylercommunityschools.org, 402-352-3527
- Jeff Droge, Technology Director, jeff.droge@schuylercommunityschools.org, 402-352-5514
- **Grain leg base station(s) to extend school district network to reach student housing and possible rural attendance site**

[AG RESEARCH] UNL Ag Research & Development Center, 1071 County Road G, Ithaca, NE 68033

- Mark Schroeder, Director, mark.schroeder@unl.edu, 402-624-8034
- Mark Christensen, Technology Specialist, mchristensen5@unl.edu, 402-624-8017
- **Grain leg base station(s) to reach research plots related to carbon sequestration, meteorology & irrigation, livestock assessments, and possible nomadic vehicle**

[TELEHEALTH/PUBLIC SAFETY]

Winnebago Area Emergency Management, P.O. Box 689, Winnebago, NE 68071

- Matthew May, Emergency Coordinator, waemgt@gmail.com, 402-833-8367
- **Rooftop base station to support a nomadic vehicular response unit to augment Internet in case of an emergency event or situation**

Carl T. Curtis Health Education Center, 100 Indian Hills Drive, Macy, NE 68039

- Rick Grant, IT Administrator, rick.grant@ihs.gov, 402-837-5281 x5340
- **Rooftop base station(s) to extend Internet and data access to homebound patients and clients for video consultations and medical telemetry data**

[BIOLOGICAL RESEARCH] Cedar Point Biological Station, 170 Cedar Point Drive, Ogallala, NE 69153

- Jon Garbisch, Associate Director, jgarbisch2@unl.edu, 402-472-5977
- Scott Gardner, Professor, slg@unl.edu, 402-472-3334
- **Radio tower base station(s) to extend data and Internet to reptilian and mammalian research plots and to do field presentations**