

Nebraska State
Records Board
440 S 8th St Ste 210
Lincoln, NE 68508
(402) 471-2745



John A. Gale
Chairman



APPLICATION FOR STATE RECORDS BOARD GRANT TO IMPROVE ACCESS TO PUBLIC INFORMATION

The Nebraska State Records Board is sponsoring a grant program for Nebraska government agencies for the development of programs and technology to improve electronic access to state government information and services. Grants will be awarded for one time funding of small projects. No grant request shall exceed \$25,000.00. The grants may be used for the creation or enhancement of electronic access and delivery of government services and information, but not to fund ongoing operations. Nebraska government agencies wishing to apply for these grants may want to first contact Nebraska.gov to establish feasibility and scope of the project.

Applications received by May 6, 2013 will be considered for funding by the NE State Records Board at their meeting on July 31, 2013.

NOTE: Loss of Funding. The NE State Records Board may be unable to award grant funds, in whole or in part, in the event funding is no longer available.

Grant Criteria

Grant projects requesting funding must meet criteria #1-3.

1. Enhance the delivery of local government agency services and improve the public and business access to those services.
2. Meet the all applicable Nebraska Information Technology Commission Standards and Guidelines. State's technology access clause for providing equal access to services for persons with disabilities. A copy of the technology access clause is available at: <http://www.nitc.state.ne.us/standards/index.html> under 2. Accessibility Architecture.
3. If the project or service created or improved pursuant to the grant application involves the licensing, permitting or regulation of businesses, then the project or service must allow integration with the State of Nebraska's Business Portal at: <http://www.nebraska.gov/index.phtml?section=business>, and the One-Stop Online Business Registration System at: <http://www.nebraska.gov/osbr/cgi/domestic.cgi?osbraapplication/init/init/None>.

In addition, the following criteria will be considered when reviewing applications:

- Does the project enhance the delivery of state/local government agency services and improve the public, government and business access to those services?
- Does the project reduce the amount of reliance on human capital, paper, and office overhead?
- Does the project span more than one office or agency?
- What is the size of the customer base for this service and the geographic impact?
- Is there financial and or in kind contribution from other partners?
- Is there documented community support for the project?

Responses are required to all questions in Parts I, II & III in order to be considered for funding:

Part I. Grant Summary

1. **Name of agency applying for grant:** Johnson County
2. **Title of project:** County WebGIS
3. **Brief description of project:** The project includes building a WebGIS application that will link to the existing TerraScan database used in the Assessor's Office to promote online access to additional public records by citizens, business, other county departments, and other local/county/regional/state agencies.
4. **Grant amount requested:** \$7,000
5. **If the grant is to create an application, is the application to have a fee associated with its use for accessing public records, or is the application free for use by the public, businesses and other governmental agencies?**

The WebGIS is a website application from which the public can access all available landowner ownership records. This information is made freely accessible to the public, businesses, and other governmental agencies.

If there is to be a fee, provide any statutory authorization for assessing the fee.

Non Applicable. There is no fee for accessing public records associated with the Roads tab on the WebGIS.

6. Answer the following questions if the grant application is for a Geographic Information System / Geospatial project. If your answer to any of these questions is “no”, please explain.

- a. Do you and the agency you represent agree to provide the data created through the project electronically by means of a geodatabase collected in your project, without costs, with other government agencies in the State that may have a need for such data?

A complete set of data in the form of a geodatabase (spatial, attribute, and metadata) will be provided to the NE Office of the Chief Information Officer within 30 days of completion of project. The data provided will need to meet the Land Record Information and Mapping Standards outlined in the supplemental questionnaire. Future updates to the geodatabase, after implementation of the project, will also need to be made available to the NE Office of the Chief Information Officer at no cost.

Non Applicable: there will be no data created through this project.

- b. If your project incorporates web mapping services, are you willing to make use of current state resources by linking your project to web and data services that are maintained through other online state agency repositories? This would be for data not created by your project but is needed for your project to be effective (ie, base maps such as aerial imagery, street centerlines, and other authoritative base map data provided as a service through NebraskaMAP.gov).

All background data necessary for this project will be provided by the vendor.

- c. If your project will be creating web mapping services, are you willing to make available the web services (ie, REST service), without costs, by registering the web service through the NebraskaMAP.gov metadata portal?

The County will not be creating this system, nor hosting it. We will not have control any of the services that may be created as part of this project.

Part II. Grant Detail

1. Please describe the project in detail, to include your vision for the project. (You may attach this description).

Johnson County has a GIS already in place with the Assessor’s office. The County also has a WebGIS system in place which provides easy access of property information to anyone with internet access. The County wants to continue to leverage their investment in their GIS as well as WebGIS technology by providing an additional tab that will enable access to data

and information specific to the Roads Department. See Attachment 1 for the vendor's summary bid.

The additional Department of Roads tab to be built out as a part of this project will greatly benefit not only additional county departments but the general public and other agencies as well. The Johnson County Board of Commissioners is excited about the opportunity for additional offices to build upon records foundation to create a one-stop web-enabled interface to County data. Many other County Departments will benefit from the expanded functionality of the WebGIS. The Planning and Zoning/Weeds department will use the application for determining property owners and property location for spraying noxious weeds and issuing notices to landowners. The Clerk/Election Commissioner/Register of Deeds will better determine exact voter precinct maps and voters will be able to access the redistricted commissioner boundary maps.

The Roads tab will provide useful for a variety of reasons. With the location of the State Prison in Tecumseh, any additional resources and easy access to Roads related information will enhance the safety and security of Johnson County residents. The county has experienced several incidents recently, including a courthouse bomb threat and an oil spill, where access to the information contained on the Roads tab would have been invaluable.

The WebGIS will be developed and maintained by the vendor, GIS Workshop, Inc. It will provide public access to query the assessment database by property owner, address, and parcel ID numbers for Roads information in addition to Assessor information.

The Johnson County Board, Highway Supervisor, and many others feel strongly that this WebGIS application will be useful by increasing efficiency for everyone accessing County public records. The web-based environment also enables the general public to access this information at any time.

2. Please describe who the beneficiary or recipient of this service will be.

Anyone interested in land records information for Johnson County will benefit from this project. County offices of Assessor, Clerk/Election Commissioner/Register of Deeds, Treasurer, Emergency Manager, Sheriff, Roads, and Planning and Zoning/Weeds will benefit from this program. Property owners, banks, insurance companies, appraisers, realtors and attorneys will have access to the property assessment and valuation information at no cost to them. Partner agencies such as the Natural Resources Districts and various State agencies such as the Nebraska State Patrol and Nebraska Department of Roads will also benefit from easy access to the County data. Efficiencies realized from 24/7 access will result in increased productivity and cost savings for both public and private entities.

3. What is the projected activity for access or use of the proposed service?

The primary use of the WebGIS application will be land record information searches by the general public and other county departments and government agencies.

- 4. Timeline for implementation of the project (a specific completion date (MM/YYYY) must be provided). Grant funds may lapse if not expended prior to completion date.**

The vendor confirms this project will be completed no later than December 31st, 2013.

- 5. Please specify in detail your, or any other Subdivision(s) contribution to the project (financial, labor, equipment etc.). Provide specific dollar amounts.**

The Johnson Highway Superintendent will be assisting in compiling information, data entry and maintaining current data to assure all information is correct and up to date. The vendor will be designing and building the WebGIS, coordinating with the County and hosting/maintaining the site. All involved county staff in addition to interested parties will participate in GIS training provided by an approved Esri trainer from GIS Workshop, Inc.

- 6. Is other funding available for this project (explain)? Please explain what efforts your agency has made to obtain funding.**

No other funding has been sought for this project.

- 7. Does the project require additional statutory authority (explain)?**

No.

- 8. Specify (in detail) what the grant money will be used for. Include a complete cost breakdown of the project. Please attach bids from vendors (if applicable) and describe the relationship, if any, between a vendor and you or your agency.**

We will contract with vendor to develop additional WebGIS tabs for Johnson County. Attachment 1 contains a project bid provided by GISW. The bid will include the development of important departmental tabs on the public facing WebGIS site for the county which will provide access 24/7 to available property ownership information. The total amount of grant money awarded to Johnson County will be used to defray the following initial WebGIS development expense.

- 9. Why the grant money is needed for the project, and, if applicable, how will the service be sustained once the grant money is expended?**

The grant money is needed to improve public access to important County information and to increase efficiency in the future. Johnson County will agree to maintain the program and any fees that go along with it to keep the system up and running for future years through budgeting of this County-wide WebGIS project and by making it a priority.

10. Should available fund not allow the NSRB to grant the full amount requested, but a reduced amount, would this project still be financially feasible?

Although we would prefer to receive the full allocation for this project, we believe we could still perform this project with a slight reduction in funding.

11. Please describe how this project will enhance the delivery of government agency services and improve the public and/or business access to those services.

The WebGIS for the Roads Department will function similarly to the Assessor tab in that it will allow anyone with Internet access to search for and look at maps concerning property ownership and sales information, assessment, and appraisal data. The WebGIS is a proven system for delivering tax assessment and related information. The application allows the user to submit queries to the TerraScan database containing tax assessment information. The Property Record Card component of the WebGIS has several customized reports, derived from this database, containing land record information that are valuable to real estate professionals, citizens and other government agencies. The web-enabled application also shows photos and sketches from the Assessor's database.

12. Please describe how this project will improve the efficiency of agency operations.

This project will make the layers and information for the Roads Department available to the other county departments as well as anyone with internet access in an easy to use interface that will become the foundation for information access at the county. The WebGIS will provide a central point of access to enhance ease of access and delivery of important information to all county officials while continuing to leverage the county's investment in the GIS. The online mapping solution will also allow the department to take a proactive approach to asset management. Each county department involved in the WebGIS will experience greatly increased efficiencies and improved day to day operations with better access and ease of use to pertinent information. The WebGIS is a proven system in use in over 60% of the counties in Nebraska. The system will promote information sharing amongst city and county departments while reducing duplications of effort. In addition, other departments such as Emergency Management and Planning/Zoning may start using GIS technology more cost effectively.

13. Please describe how this project will facilitate collaboration between either local, state, federal and/or other public or private institutions.

The primary purpose of this project is to improve collaboration and share information between local county departments. In addition, the information contained in the WebGIS will be available for all interested parties and institutions. The information and availability on the WebGIS will be used by nearly all local county departments as well as fire and ambulance departments, public and private institutions, and all interested federal and other government agencies.

- 14. Does the project involve the licensing, permitting or regulation of business? If yes, explain how the project or service will allow integration with the State of Nebraska's Business Portal, located at: <http://www.nebraska.gov/index.phtml?section=business>, and the One-Stop Online Business registration system located at: <https://www.nebraska.gov/osbr/index.cgi>**

No, this does not apply to this project.

- 15. Community Support. Please include letters of support to document the public expression that has caused you to implement this application.**

Attachment 2 contains numerous letters of support from the Johnson County community. We have received much support from the entire community include business professionals and taxpayers.

Part III. Technical Information

- 1. Describe the hardware, software, and communications needed for this project and explain why these choices were made.**

The vendor supplies all the specialized hardware, software and expertise for this project.

Because of the very specialized nature of the project, we believe this is a much more cost effective approach than Johnson County trying to buy, install and maintain all the specialized hardware, software, etc. County staff, as well as external users, will access the system using a standard internet browser such as Internet Explorer or Firefox. Internet access is the only requirement for access to the data contained in the WebGIS; no other software and no specific hardware is needed. We feel this will provide the most wide-spread access possible for users across the county. For persons that do not have Internet access, the Public Library supplies several computers for this service at no charge.

- 2. Address any technical issues with the proposed technology including:**

- **Conformity with general accepted industry standards. Projects which interface with other state systems (such as distance learning systems, geospatial data and web services network) must meet NITC technical standards and guidelines. (The NITC standards and guidelines are located at: <http://www.nitc.state.ne.us/standards/>).**
- **Compatibility with existing institutional and/or statewide infrastructure.**
- **Reliability, security and scalability (future needs for growth or adaptation).**
- **Sustainability (ability to manage future maintenance)**
- **Items in non-compliance or becoming outdated after completion of project**

As we understand from the vendor, the WebGIS uses industry standard (Esri) technology. The WebGIS does not need to interface with other external systems (although it has the capability to do so). The WebGIS meets applicable NITC standards.

The GIS system will interface with the current institutional infrastructure (TerraScan or any other CAMA provider selected in the future) and database systems in use in Johnson County today.

The GISW WebGIS interface is in use in numerous Nebraska counties with proven reliability. Since it is based on Esri technology, the application is scalable and the vendor continues to add features based on input from clients. The WebGIS application also has security features for layers that contain sensitive information and for protecting features such as the Address Tool and the layers such as Hazardous Materials and Communication Towers from unauthorized use. The proven system is both reliable, sustainable, and due to continual updates and improvements made by the vendor, will remain relevant and useful for an indefinite period of time.

- 3. Describe how the project will comply with the State's Technology Access Clause: meet all applicable Nebraska Information Technology Commission Standards and Guidelines. A copy of the Standards are available at: <http://www.nitc.state.ne.us/standards/index.html>. under 2. Accessibility Architecture.**

The WebGIS for Johnson County will be built and designed by the vendor, with adherence to standards established by the State of Nebraska (where applicable). The digital map database has been developed using the Nebraska State Plane Coordinate System, NAD83 as per State/NITC guidelines

- 4. Describe how technical support will be provided.**

As part of our hosting agreement with the vendor, they have a dedicated technical support staff that is available at any time during business hours to service the County's needs.

Part IV. STATE LAW COMPLIANCE

Nebraska law, sections 4-108 through 4-114 state that no political subdivision of the State shall provide public benefits, to include grants or contracts, to a person not lawfully present in the United States. If this application is awarded in whole or in part, and during the time the grant is in effect, the undersigned, on behalf of the political subdivision grant applicant, by signing this grant application, affirmatively states and acknowledges that the political subdivision will comply with this law.

Part V. CONTACT INFORMATION & SIGNATURE

Contact person, and title, for any questions regarding this application:

Harvey Keim
Printed Name

Johnson County Highway Superintendent
Title

Phone # 402-335-7268 E-mail JOCORoads@yahoo.com

Physical Address:

I, the Authorized Representative of Johnson County certify to the Nebraska State Records Board that the applicant/agency has the necessary authority to undertake the proposed project, will comply with Affirmative Action requirements and provide a drug free workplace environment.

Signed this 25th day of April, 2017

Harvey Keim
Agency Director

Please return completed application to:

Executive Director
Nebraska State Records Board
440 South 8th Street, Suite 210
Lincoln, NE 68508-2294
(402) 471-2745
(402) 471-2406 (fax)

Board Staff use only, do not fill in below this line	
Grant Request Number: _____	Date Request Received: _____
Grant Amt Requested: _____	Grant Request Score: _____
Technical Comm. Recommendation: _____	
Grant Disposition: _____	Date of Mtg Minutes: _____

(Last updated 02/15/2013)

**Supplemental Questionnaire for State Funded Entities
working on Land Record Information and Mapping-Related
Grant Applications**

Nebraska State Records Board



If you have indicated in the State Records Board Grant that your project is for a Geographic Information Systems / Geospatial project you are required to complete this supplemental questionnaire. Submit this questionnaire along with the State Records Board Grant Application.

Name of agency applying for grant: Johnson County, Nebraska

Title of Project: County WebGIS

Data Sharing / Data Integration

A major focus of the State Records Board grant program is enhancing access to public records. Not only the general public, but also other public agencies benefit from facilitating access to public records. There are numerous applications for which substantial benefits can be derived by integrating data across jurisdictional boundaries. Other geospatial data and metadata repositories maintained by state agencies should be integrated into projects where possible, as not to reduplicate efforts. The Nebraska Information Technology Commission (NITC) has implemented land record information and mapping standards and guidelines. Even though data sharing and integration is not listed specifically as a NITC standard it is promoted when possible. It is also an interest of the State Records Board to promote data sharing and data integration.

Please describe whether your agency would be willing to share periodic updates of GIS/Geospatial enabled property parcel data, such that other agencies might integrate that data into statewide or regional datasets to provide a resource for public agencies and the general public and any restrictions that you anticipate might apply. Use additional pages if necessary.

Yes, we will provide access to the best of our abilities, but we are a small staff without many technical skills.

Collaboration and Sustainability

In most instances, the development of a local government GIS system and the related geospatial data involves a fairly costly initial upfront investment along with long-term maintenance and sustainability costs. These costs are frequently offset by the benefits gained through coordination and collaboration that an integrated GIS can bring to local/state government and related public entities. For example, with property parcel data and maps the County Register of Deeds, the County Surveyor, and the County Assessor all frequently maintain and make changes to aspects of this data and the data is also commonly used by local public safety agencies, local emergency responders, local transportation agencies and state agencies such as the Dept. of Revenue, Dept. of Roads, and Game and Parks Commission. After a grant initiated project has been completed, there is the task of maintaining the GIS system, updating geospatial data, integration with other local/state GIS systems, and making the system sustainable over time.

Please describe the level and nature of any multi-agency/department involvement in the planning and proposed management of your proposed GIS/Geospatial system. Indicate how you plan to address future maintenance, sustainability, and integration opportunities with

other local and state GIS systems. Use additional pages if necessary.

Johnson County is willing to pay the ongoing hosting and maintenance costs of the WebGIS going forward as the benefits will be significant. The Roads department making use of the existing WebGIS application is just the beginning of multi-department involvement. Both the Roads and Assessor Departments making use of the WebGIS will increase the sustainability of the system and make ongoing maintenance a priority. It is our hope that additional county departments will be developed in the near future leveraging the initial investment in GIS. Integration opportunities with other local systems are a strong likelihood; the WebGIS is built to easily integrate other county departments as separate tabs with layers and tools specific to that department.

Supplemental Questionnaire for State Funded Entities working on Land Record Information and Mapping-Related Grant Applications

The following questions refer to specific NITC Land Record Information and Mapping Standards and Guidelines. Use additional pages as necessary. These standards and guidelines are located at the following website: <http://nitc.nebraska.gov/standards/3-202.html>.

- 1.1 Datum.** Local government multipurpose GIS/LIS (Geographic Information System/Land Information System) and their associated geospatial data layers should be based on the North American Datum (NAD) 83 and the North American Vertical Datum (NAVD) 88. Any existing systems developed based on other datums should consider conversion to these datum.

Please describe how you would comply with this standard if you are awarded a Nebraska State Records Board grant.

N/A. No data is being developed as part of this project.

- 1.2 Projection.** The Nebraska (State) Plane Coordinate System, NAD 83, should be used as the primary map projection system for the recording of positions in local land-data systems in Nebraska. Selection of any other projection should be done reluctantly and only after most careful consideration. The plane coordinate values for a point on the earth's surface may be expressed in either meters or feet.

Please describe how you would comply with this standard if you are awarded a Nebraska State Records Board grant.

N/A. No data is being developed as part of this project.

- 1.3 Geodetic Control.** GIS/LIS systems developed with the goal of providing a multipurpose cadastre for local government use should be referenced to a local geodetic reference framework that is properly connected to the National Spatial Reference System (NSRS).

Please describe how you would comply with this standard if you are awarded a Nebraska State Records Board grant.

N/A. No data is being developed as part of this project.

- 1.4 Public Land Survey System Control.**

- 1.4.1 PLSS Geodetic Framework. For all land in Nebraska that is subdivided according to the Public Land Survey System (PLSS), the geodetic reference framework for the cadastre should be the section corners of the PLSS for each section.

Please describe how you would comply with this standard if you are awarded a Nebraska State Records Board grant.

N/A. No data is being developed as part of this project.

- 1.4.2 Locate, Monument, and GPS Primary Corners. At a minimum, local government entities developing a geospatial land information system should initially invest in a precision Global Positioning System (GPS) survey to locate, re-monument as necessary, and obtain the geographic coordinates of the major boundary defining corners that legally define the boundaries of their county jurisdiction(s). These precision GPS survey coordinates for the boundary defining corners should be collected and integrated as framework data into the land information system. This effort should be coordinated with officials from the adjacent county(ies) to ensure agreement on the location of the shared corners.

Please describe how you would comply with this standard if you are awarded a Nebraska State Records Board grant.

N/A. No data is being developed as part of this project.

- 1.5 PLSS Base Map. Local governments considering the development of a multipurpose GIS, should consult with the Nebraska State Surveyor's Office to locate and access the best available data on the Public Land Survey System (PLSS) for their geographic area. To assist the State Surveyors Office in maintaining a repository of the best available PLSS data, local governments participating in the Nebraska Land Information System Program should share any enhanced PLSS data, for their geographic area, with the State Surveyors Office so that it might be integrated into the PLSS repository database.

Please describe how you would comply with this standard if you are awarded a Nebraska State Records Board grant.

N/A. No data is being developed as part of this project.

- 1.6 Ortho-base (Aerial Layer) or Base Maps. Both a Public Land Survey System base map and an orthophoto (surface features) imagery base map should be used to provide the geospatial reference framework upon which a local government multipurpose land information system is developed. Both base maps should be tied to the National Spatial Reference System and have a level of spatial accuracy appropriate to the range of applications planned for a given area. Jurisdictions should acquire new imagery of urban areas at least every five years and of rural areas at least every ten years. Jurisdictions experiencing rapid or slow growth may need to adjust this timetable (IAAO 2009).

Please describe how you would comply with this standard if you are awarded a Nebraska State Records Board grant.

N/A. No data is being developed as part of this project.

1.7 Map Scale and Spatial Accuracy.

1.7.1 Minimum Horizontal Accuracy Standard. Public entities developing a GIS/LIS program should conduct data collection and development in a manner to achieve at least the minimum level of horizontal spatial accuracy consistent with the National Horizontal Map Accuracy Standards corresponding to a 1:12,000 (1"= 1,000') scale map (90% of the "well defined" horizontal locations must be within ±33.3 ft. of their real world location).

1.7.2 Additional Accuracy Considerations. Beyond this minimum horizontal map accuracy, public entities are encouraged to consider the following recommended map scales and their corresponding National Horizontal Map Accuracy Standards in determining the positional accuracy needed for base maps in the development of a local government GIS/LIS:

Relative Size of Property Parcels	Map Scale	Nat'l Horizontal Map Accuracy Standard	Equivalent Metric Scale
Urban areas	1:600 (1" = 50')	±1.7 ft.	1:500
	1:1,200 (1" = 100')	±3.3 ft.	1:1,000
Large urban & suburban	1:2,400 (1" = 200')	±6.7 ft.	1:2,500
Rural areas	1:4,800 (1" = 400')	±13.3 ft.	1:5,000
	1:9,600 (1" = 800')	±26.7 ft.	1:10,000
	1:12,000 (1"= 1,000')	±33.3 ft.	1:10,000

Please describe how you would comply with these standards if you are awarded a Nebraska State Records Board grant.

N/A. No data is being developed as part of this project.

1.8 Legal Lot and Parcel Layers. Data on two interrelated types of land subdivision (i.e. legally subdivided lots and ownership tracts) are necessary to provide the foundation for a wide variety of local government GIS/LIS applications that involve land subdivision and/or ownership.

a). The legal lot feature or layer consists of legal land subdivisions. These are aliquot portions of the PLSS, filed subdivision plats and irregular tracts defined by filed deeds.

b). The parcel feature or layer defines ownership tracts of land. These tracts may group multiple legal lots into one taxable account and that typically represents the boundaries of a landowner's property. These data features or layers include locational coordinates for points representing property corners, lines between property corners representing property boundaries and closed polygons representing the property area.

Please describe how you would comply with this standard if you are awarded a Nebraska State Records Board grant.

N/A. No data is being developed as part of this project.

1.9 Parcel Identifiers.

a). Each county/region should adopt a system of unique, permanent feature identifiers (PID) that provide the link between each graphic land ownership parcel polygon and the attribute information (ownership, size, situs address, value, etc.) related to that specific land ownership property parcel.

b). A county/region PID system must be designed in a manner such that a unique, statewide PID can be defined and maintained for each property parcel by using the county FIPS code (Federal Information Processing Standards Publications) as a prefix to the county/region's PID system.

c). To maintain this unique one-to-one association between a specific property parcel and its related attribution information, new PIDs should be assigned whenever a property parcel is altered by either splitting it into two or more parcels or by combining two or more parcels to form a new parcel. The previous PIDs should not be used for these new modified parcels, but the historical PID associations should be maintained through a parent/child PID reference table.

Please describe how you would comply with this standard if you are awarded a Nebraska State Records Board grant.

N/A. No data is being developed as part of this project.

1.10 Spatial Data Format. A broad range of state and regional applications require property parcel information. Many of these applications require the combining of data across jurisdictional boundaries. To facilitate these applications, the property parcel spatial (graphic) data should be either maintained in a manner that allows it to be readily integrated into a spatial relational database format or be capable of being exported into a common geographic data format (i.e., shapefile), while including the parcel identifiers.

Please describe how you would comply with this standard if you are awarded a Nebraska State Records Board grant.

N/A. No data is being developed as part of this project.

1.11 Metadata. All geospatial land record databases, and their associated attribute databases should be documented with Federal Geographic Data Committee (FGDC) compliant metadata outlining how the data was derived, attribute field definitions and values, map projections, appropriate map scale, contact information, access and use restrictions, etc.

Please describe how you would comply with this standard if you are awarded a Nebraska State Records Board grant.

N/A. No data is being developed as part of this project.

1.11.1 NebraskaMAP Metadata. The NebraskaMAP (<http://NebraskaMAP.gov>) is a state sponsored GIS web-based portal for finding and accessing a wide variety of GIS/geospatial data related to the geographic area of Nebraska. Many of the NebraskaMAP functions required metadata. All developers of Nebraska-related GIS data are encouraged to use the site to either upload existing metadata and/or use the online tools available on the site to create metadata for your GIS/geospatial land record information and mapping. Before metadata can be either created or uploaded on the site, a brief user registration is necessary.

Please describe how you would follow this guideline if you are awarded a Nebraska State Records Board grant.

N/A. No data is being developed as part of this project.

1.12 Attribute Data. To provide the foundation necessary for a wide variety of local government applications, non-graphic, attribute data should be organized within the GIS/LIS, which describes individual property parcels relative to their basic parcel characteristics, tenure, value, history, buildings and units within the parcel, and tax status.

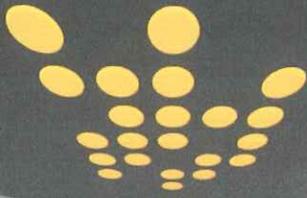
In most cases, much of this attribute data will already exist in separate databases within a variety of local agencies and should be referenced to the graphic property parcel via the unique PID. To meet a range of state and regional applications that require property parcel information, the following types of property parcel data should be maintained (for every property parcel?) and (be) available in a manner that allows it to be harvested, translated, and integrated into a statewide property parcel attribute dataset. These attribute values may be maintained in one or more separate relational databases that are referenced by a unique PID and not directly integrated into a GIS.

PID# Parcel identifier (county FIPS code plus local government PID)
Situs Address..... Address of parcel (may be multiple fields)
Owner Address Address of property owner (may be multiple fields)
Township Township #
Section Section #
Range Range #
Range Direction East or West
Legal Description Narrative legal description of parcel
Assessed Value Total assessed value of property (land and improvements)
Land Value..... Assessed value of land
Area (Deeded) Area of parcel according to the deed
Property Class (Res, Ag, Com, Rec., Ind.)
Property Sub-class i.e., Ag (Dryland, Irrigated, Grassland/Pasture, Waste)
Ownership type..... Federal, State, County, Private, Tribal, Exempt, Other and Unknown
Tax District..... County ID plus Tax Dist. #
School District State number definition
Landuse Actual landuse with NPAT defined general categories
Property Parcel Type.... NPAT defined categories: (i.e., Single Family, Multi-Family,

Commercial, Industrial, Agriculture, Recreational, Mineral Interest-
Nonproducing, Mineral Interest-Producing, State Assessed, or
Exempt)
Status NPAT defined categories:
(Improved, Unimproved, or IOLL)
Location (Urban, Sub-urban, Rural)(NPAT defined)
City Size..... 1st class, 2nd class, primary, metro, or village
Source Document..... Sales/transfer reference or document (book, page & date)
Sales Date Most recent sales/transfer date
Sales Value..... Most recent sales value

**Please describe how you would comply with this standard if you are awarded a
Nebraska State Records Board grant.**

N/A. No data is being developed as part of this project.



**Johnson County,
Nebraska**

Attachment 1

Summary Bid:

Roads Tab on County WebGIS site

Prepared for:

Harvey Keim, Highway Supervisor

January 10th, 2013

Johnson County NE

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PROJECT OVERVIEW

The Highway Supervisor for Johnson County, Nebraska, has expressed interest in exploring the Roads Department's options for a web-based GIS (WebGIS) mapping solution to increase efficiency in the Department's services and to take a proactive approach to asset management. This proposal outlines the functionality and cost of a Roads tab on the existing Johnson County WebGIS site. The addition of this tab will allow the County to continue to maximize their investment in GIS.

ENTERPRISE WEBGIS

The GISW WebGIS is a template based product that we adapt and tune to individual county department needs. The template approach allows us to provide similar, required functionality to many counties across Nebraska, while keeping costs down. Johnson County assessor is already using the Assessor template on GISW's WebGIS product. The Roads tab will share some of the same GIS data and tools available to the Assessor.

ROADS TAB

The Roads tab will feature the data layers and tools specific to the needs of the Roads staff and general public interested in Road-related information. The WebGIS will function similarly to the Assessor tab in that it will allow anyone with Internet access to search for and look at maps concerning property ownership and sales information, assessment, and appraisal data.

ROADS TAB DATA LAYERS

Roads tab layers include:

1. Parcels (supplied by GISW from Assessor). The parcels will be labeled with their parcel ID (PID) when the user zooms in far enough for the PID to fit inside the parcel boundary.
2. Sections (supplied by GISW from Assessor). The PLSS section layer is mainly used to help with zooming to a specific section/township/range.
3. Latest FSA aerial imagery (supplied by GISW)
4. Streets and roads (NAVTEQ data supplied by GISW)
5. Surface type (GISW to supply from NDOR)
6. Signs (County to supply GIS-compatible format)
7. Culverts (County to supply in GIS-compatible format)
8. Bridges (County to supply in GIS-compatible format)
9. Flood plains (supplied by GISW)
10. Fire districts (supplied by GISW)

ROADS TAB TOOLS

Tools on the Roads tab will include:

Johnson County NE

1. Search for properties
2. Zoom in/out slider bar
3. Pan tool
4. Quick identify tool for one-click basic ownership information
5. Photo tool
6. Measurement tool (for measuring distances and areas)
7. Drawing tool
8. Print tool
9. Buffer tool (for locating property owners within a user-specified distance of a parcel)

WEBSITE HOSTING

GIS Workshop will host the WebGIS on our redundant servers for Johnson County. Hosting fees will be payable annually in July of each year, effective date based upon contracted site launch date.

PRICING INFORMATION

The following provides the total and detailed costs for the services and deliverables described in this proposal. Variations and/or additions to those tasks, features, or services stated within are subject to additional costs. Any change orders must be documented, signed by both parties, and added as an addendum to this scope with the additional costs for said change order added to the following costs.

<u>Items/Deliverables:</u>	<u>Cost (\$)</u>
<u>Johnson County WebGIS</u>	
a. <u>WebGIS Roads tab set up and initial hosting/maintenance (billed upon site launch)</u>	<u>\$3,500</u>
b. <u>WebGIS Roads tab first year of maintenance</u>	<u>\$3,500</u>
<u>Total Cost</u>	<u>\$7,000</u>

<u>Ongoing Fees</u>	<u>Cost (\$)</u>
<u>Tools and Services</u>	<u>\$3,500 annually</u>
a. <u>WebGIS Roads tab annual hosting (due July 1 of each year after site launch)</u>	
<u>Total Annual Fees (due date based upon contracted site launch date)</u>	<u>\$3,500</u>

Nebraska State Records Board

**APPLICATION FOR STATE RECORDS BOARD GRANT
TO IMPROVE ACCESS TO PUBLIC INFORMATION**

ATTACHMENT 2:

**LETTERS OF COMMUNITY SUPPORT
FROM JOHNSON COUNTY, NEBRASKA**



Johnson County Board of Commissioners

P.O. Box 416
Tecumseh, NE 68450

April 19, 2013

Johnson County Road Department
Harvey Keim
Highway Superintendent
813 North 1st Street
Tecumseh, NE 68450

Johnson County is applying for a highway safety grant for a GIS System to be used for the safety of the public on Johnson County Roads. This system would provide 24/7 information on the roads, bridges, culverts, signs and surface types of roads in Johnson County.

The system would be available on the Web in the event of an emergency. All of the public entities would have access to the roads that have a rock or gravel surface. Emergency vehicles would be able to be routed on the rock or gravel roads to arrive at the emergency site quickly and efficiently.

The system would also provide the weight limits of bridges and if the bridges are scour critical. This would prevent over weight emergency vehicles from traveling over these bridges and finding a washed out approach during a flood event.

Utility companies would also have access for outages in storm areas.

I believe this system would be greatly beneficial to Johnson County and its people and your consideration is greatly appreciated.

Sincerely,

A handwritten signature in blue ink, reading "Scotty Gottula".

Scotty Gottula
Johnson County Board of Commissioners

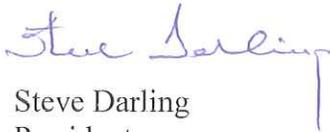
March 14, 2013

Harvey Keim
Johnson County Highway Superintendent
813 N 1st St.
Tecumseh, NE 68450

Dear Harvey:

Please accept my letter of support for GIS Website upgrades and improved access to public information. Our financial institution would benefit through cost savings and improved efficiencies of website access during and after regular business hours.

Respectfully submitted,



Steve Darling
President



- Sales Associates -

Artis Fisher, 335-7412 Karen McCoy, 499-4707
Gene Plager, 335-8282 Andy Wellensiek, 209-9584
Jeff Fink, 239-5748 Dan Meyer, 274-9059
Michele VanWinkle, 335-8228 Brian Klein, 335-8237

Randy L. Speckmann, Broker

440 North 12th Street - Tecumseh, Nebraska 68450 - Phone: 402-335-2659 Cell: 402-239-8287

March 18, 2013

Nebraska State Records Board

To whom it may concern:

We are a real estate & auction company located in Johnson County, Nebraska. It has been brought to our attention that Johnson County is applying for a grant to upgrade their GIS website to improve electronic access to public information.

The use of this website is very important in our daily business operations. We access the website approximately 20 times a week. We use the website mostly to look up information such as the legal description, taxes, square footage, etc. on houses we are listing. We also use it to research sales comparables to aid in setting asking prices on properties we are listing.

Since we use the website several times per day, having electronic access to this information is very advantageous as it allows us to be more efficient & continue working without the interruption of having to go to the courthouse.

We appreciate electronic access to this website & encourage you to consider a grant to Johnson County to improve this service.

Sincerely,

Randy L. Speckmann, Broker/Auctioneer/Owner
Speckmann Realty and Auction Service, Inc.



444 South 16th Street Mall
Omaha NE 68102-2247

March 18, 2013

Mr. Harvey Keim
Johnson County Highway Superintendent
813 N. 1st Street
Tecumseh, NE 68450

Subject: Upgrade to Johnson County GIS Website

Dear Harvey,

An upgrade to the GIS Website would be an extremely beneficial project. This would allow OPPD the continued 24/7 access to information that has proven to be very useful. Using this site also allows us to research pertinent information without having to travel to the courthouse for documents that we can view online thus resulting in a substantial cost savings in both time and fuel.

I appreciate the exceptional customer relationship that OPPD shares with Johnson County and this web site is one of the many useful resources available to OPPD.

Sincerely,

A handwritten signature in blue ink, appearing to read "Steve Fanslau", is written over a light blue circular stamp.

Steve Fanslau
Manager Consumer Sales and Service - OPPD

cc: file

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TECUMSEH LOCATION
PO Box 897
137 South 3rd Street
Tecumseh, NE 68450
Phone: (402) 335-2239
Fax: (402) 335-2245

ADAMS LOCATION
PO Box 47
623 Main Street
Adams, NE 68301
Phone: (402) 988-2835
Fax: (402) 988-2835

info@ebelerinsurance.com

March 19, 2013

Nebraska State Records Board
440 S 8 St, Ste 210
Lincoln, NE 68508-2294

RE: Upgrading Johnson County GIS Website

To whom it may concern:

The Johnson County GIS website is a very beneficial website for our business. As a property and casualty broker, we visit the site daily to verify we correctly insure properties located within the county. This includes: verifying the property owners, property legal description, and dwelling information such as the year built, square footage, and how many road miles to the fire department.

The 24/7, instantaneous availability is another aspect we value. It's very useful to bring up the website during client meetings because oftentimes they are unsure of the information we need to complete their insurance applications. It allows us to find the answers we need quickly and efficiently.

In short, the Johnson County GIS website is a remarkable tool that is a great resource not only to the businesses of Johnson County, but to individual citizens as well.

Thank you,

Chuck Ebeler
Ebeler Insurance