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:** Garden 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 COUNTY SOLUTIONS database used in the Assessor's Office to promote online access to public records by citizens, business, other county departments, and other local/county/regional/state agencies.

4. **Grant amount requested:** $9,600

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 initially made freely accessible to the public, businesses, and other governmental agencies.

The vendor (GISW) indicated that as a result of the 2011 SRBG application discussions, the SRBG board promoted the concept of a subscription based option which would allow the County to offer advanced sales information on a subscription basis to end users such as realtors, bankers, insurance and other business professionals. The County has not yet made a determination if they will select the subscription-based option but will do this during the Scope of Work development process with the vendor.

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

The County has not yet made a determination if they will select the subscription-based option but will do this during the Scope of Work development process with the vendor. Any fee will be consistent with other Nebraska Counties who are using a subscription-based format.

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).**

Garden County has a GIS already in place with the Assessor's office. The County also has a website that provides basic information in text format without any mapping capability. The County wants to embrace WebGIS technology for enhanced access to information, mapping and functionality – see Attachment 1 for the vendor's proposal.

As an initial phase, Garden County's WebGIS will feature the core Assessor Tab. Other County departments will also benefit from the WebGIS application. The Garden County Board of Commissioners is excited about the opportunity for offices such as Planning/Zoning, Roads, Treasurer, Weeds and Election Commissioner/Register of Deeds to build upon the land records foundation to create a one-stop web-enabled interface to County data. The Clerk and Treasurer Offices will all benefit from easy access to land records information. The Weeds department will use the application for determining property owners and property location for spraying noxious weeds and issuing notices to landowners. The County Election Office will better determine exact voter precinct maps and voters will be able to access the redistricted commissioner boundary maps.

The Garden County Sheriff's Office has GIS-based dispatch technology and the vendor, GIS Workshop, currently maintains the County's 911 dispatching map and database. Installing the WebGIS will also assist dispatch during 911 calls and emergencies by providing easy access to aerial photography, site photos, site sketches and assessment database information for the property of interest. It will also benefit both fire and rescue departments to aid in their situational awareness when responding to emergencies.

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. If the above are unknown, the WebGIS also includes an option to manually select a parcel and from the map to query the database.

The Garden County Board, Assessor and 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 Garden County will benefit from this project. County offices of Assessor, Clerk/Election Commissioner/Register of Deeds, Treasurer, Emergency Manager, Sheriff, Roads, Planning/Zoning, Surveyor and 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.**

Garden County Assessor and the GIS Department 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. The Garden County Assessor Staff 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 the vendor to develop the WebGIS for Garden County. Attachment 1 contains a bid provided by the vendor. The bid will include the development of a 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 Garden 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. Garden 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 application that is included as part of this project is a proven system for delivering tax assessment and related information. The application allows the user to submit queries to the County Solutions 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.

As a rural county, the roughly 2000 inhabitants of Garden County as well as local business will greatly benefit from having access to land and property information online.

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

This project will make the assessment/appraisal information 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 is a proven system in use in over 60% of the counties in Nebraska which has successfully reduced the number of calls into the Assessor's Office and increased overall efficiency in the department. The system will promote information sharing amongst city and county departments while reducing duplications of effort. In addition, other departments such as may start using GIS technology more cost effectively.

In addition to textual database information and photos/sketches the WebGIS application also includes GIS data layers such as land use, soils and aerial photography which are all valuable for visualizing information associated with government records. The GIS support that is a part of this contract will enable county staff to send GIS updates to the vendor who will then make all information available online, saving the limited county staff considerable time and effort.

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

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.

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 Garden 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 Garden 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 (County Solutions or any other CAMA provider selected in the future) and database systems in use in Garden 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 Land Use Calculator Tool 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 Garden 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:

Janet L. Shaul — Printed Name

Garden County Assessor — Title

Phone # 308-772-4464 **E-mail** geasr1@embarqmail.com

Physical Address: 611 Main Street, Oshkosh, NE 69154

I, the Authorized Representative of Garden 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 22 **day of** April, **20** 13

Janet L. Shaul

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: Garden 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.

Garden County is willing to pay the ongoing hosting and maintenance costs of the WebGIS going forward as the benefits will be significant. The Assessor tab is the first step in setting up the enterprise WebGIS for the county, but 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') 1:1,200 (1" = 100')	±1.7 ft. ±3.3 ft.	1:500 1:1,000
Large urban & suburban	1:2,400 (1" = 200')	±6.7 ft.	1:2,500
Rural areas	1:4,800 (1" = 400') 1:9,600 (1" = 800') 1:12,000 (1"= 1,000')	±13.3 ft. ±26.7 ft. ±33.3 ft.	1:5,000 1:10,000 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.

GIS Workshop

www.gisworkshop.com

Job: 0186 009
Version 1.0

Garden County, Nebraska

Attachment 1
Summary Bid:
Assessor Tab on County WebGIS site

Prepared for:
Janet Shaul, Assessor and
the Garden County Board of Commissioners

April 3rd, 2013

402.436.2150
4949 NW 1st Street, Lincoln NE 68521

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PROJECT OVERVIEW

The Garden County Assessor sees the need to share advanced GIS property data across all County departments and with the public through a new WebGIS solution. She seeks to increase efficiency in the Department's services by providing property information to the public in an internet mapping context.

ENTERPRISE WEBGIS

GIS Workshop (GISW) proposes to design and build an enterprise WebGIS for Garden County, NE. The system is designed to leverage the investment the County made in the assessment GIS to promote online GIS features. Garden County has established the Assessors' department as the foundation for subsequent departments within the County to participate in using GIS information by the development of a web-based GIS site.

ASSESSOR TAB

The Assessor tab is the first step in setting up the enterprise WebGIS for Garden County. The tab will feature the data layers and tools specific to the needs of the Assessment staff and general public interested in assessment information. The WebGIS will allow anyone with Internet access to search for and look at maps concerning property ownership and sales information, assessment and appraisal data and any other data associated with future tabs.

The WebGIS opens to the Assessor tab with parcels and base map (includes road centerlines, political boundaries, and a shaded relief topography background) layers visible. The user can switch to a satellite view and choose from various years FSA aerial photography via the Aerial Slider bar.

ASSESSOR TAB DATA LAYERS

Assessor layer include:

1. Parcels (supplied by 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 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 (supplied by GISW)

ASSESSOR TAB TOOLS

Tools on the Assessor tab include:

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. Land Use Calculator tool (under password protected login)

WEBSITE HOSTING

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

WEBSITE DATA UPDATES

- A copy of the assessment data is updated monthly from County Solutions, the current CAMA database used by Garden County.
    - If the Assessor moves to MIPS PC, the assessment data will be updated every 24 hours to provide current property data online.
- The photos/sketches are updated monthly (if available).
- The GIS data are updated monthly (or upon request).

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.

Items/Deliverables:	Cost ($)
Garden County WebGIS	
a. WebGIS Assessor tab set up (billed upon site launch)	$4,800
b. WebGIS Assessor tab First Year of Maintenance	$4,800
Total Cost	**$9,600**

Ongoing Fees	Cost ($)
Tools and Services	$4,800 annually
a. WebGIS Assessor tab annual hosting (due July 1 of each year after site launch)	
Total Annual Fees (due date based upon contracted site launch date)	**$4,800**

Nebraska State Records Board

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

ATTACHMENT 2:

LETTERS OF COMMUNITY SUPPORT FROM GARDEN COUNTY, NEBRASKA

Management
Sales
Auctions
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AGRI AFFILIATES, INC.

. . .Providing Farm - Ranch Real Estate Services. . .

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Kearney, NE

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Jerry L. Weaver, AFM
Bruce A. Dodson, AFM
Bart A. Woodward, ARA
Bryan Danburg
Tony Eggleston

NORTH PLATTE OFFICE
I-80 & US Hwy 83
P.O. Box 1166, North Platte, NE 69103-1166
(308) 534-9240
Fax (308) 534-9244
www.agriaffiliates.com

Loren R. Johnson
Chase Dodson
Greg Polk
Dallas Dodson
Bob Childers
Leland Johnston
Roger Luehrs

March 27, 2013

Nebraska State Records Board
Garden County Assessor
PO Box 350
Oshkosh, NE 69154

RE: Garden County Assessor's GIS Website

To Whom It May Concern:

The purpose of this letter is to lend support for the development of the Garden County Assessor's data and maps on a GIS Website available to the public. Our professional group has the opportunity to work with many counties who have already implemented this service in Western Nebraska. This method of providing the public with information is tremendously advantageous as it results in a reduction in the cost of fuel and time in delivering services to residence in the county, as well as those residing well outside the county. The fact that this information is available 24/7 allows access from any computer with an internet connection and without burdening the county staff. This has allowed us to provide a better, more timely service to residents in other counties that currently provide GIS websites.

Based on the benefits provided to the general public as well as county staff I would request your positive consideration for funding a Garden County Assessor's GIS website.

Sincerely,

Bruce Dodson, Land Manager & Real Estate Sales

BD:kr

LISCO
STATE
BANK
EST. 1909

102 Coldwater
P.O. Box 105
Lisco, NE 69148-0105
Ph. (308) 772-3226
Fax (308) 772-4069
liscosb@pwcbank.com

March 27, 2013

TO WHOM IT MAY CONCERN:

The prospect of the Garden County Assessor's records becoming available on-line is most exciting! As a bank loan officer who uses property descriptions, ownership, and values on a daily basis, traveling 32 miles round trip to research questions is expensive—both timewise and mileage. The trip is usually not done until there are a number of issues to research but that is not always feasible.

The Garden County Treasurer has had property taxes on-line for a number of years and I access that site regularly. It not only saves me time making phone calls but it saves the County Office personnel's time answering the phone and researching my requests.

I have accessed information from other counties who have the appraisal information on-line and it is a great tool!

I very much look forward to the progress on-line appraisal information for Garden County would represent.

Marlis Shearer

MARLIS SHEARER
President

PLUMMER
INSURANCE INC

9732 US HWY 26 - PO BOX 548 - BRIDGEPORT, NE 69336-0548
Phone: (308)262-1200/(800)585-1207 Fax: (308)262-1204
210 MAIN STREET - OSHKOSH, NE 69154 Phone: (308)772-3008

We are the Agency you Keep

3-12-2013

TO: Nebraska State Records Bureau

RE: Grant for Garden County

Dear Sirs/Mmes,

We would like to take this opportunity to encourage you to provide grant funds to Garden County so that they would be able to include their county on your GIS Website. We use GIS with several of the Nebraska counties nearly every day.

We contact their office on a regular basis, at least once per week, to be able to obtain measurements and photos of properties that we insure or are attempting to quote. This information is invaluable to us, as the measurements are accurate and descriptions of the property are listed. At this time, this information is being provided to us manually by the Garden County Assessor's office. They are extremely helpful, but looking up this information for us requires a great deal of their time. They are often contacted twice for the same information, both from us and the insurance company. It would be much easier for all of us if we were able to access this information on-line.

Please consider Garden County for this grant. It would save us time contacting them either by phone or in person and allow all of us to more productive and professional in our insurance business.

Thank you for allowing us to provide our input.

Sincerely,

Steve Plummer, President

Luhrs Real Estate and Appraisals®

Thomas M. Luhrs, ARA, MAI, CMEA
Nebraska Real Estate Broker
Certified General Appraiser
Nebraska and Colorado

126 Yucca Drive
P.O. Box 759
Imperial, Nebraska 69033
Ph. 308-882-5917

Gordon O. Luhrs, ARA
1928 - 2008

April 3, 2013

Janet Shaul
Garden County Assessor
PO Box 350
Oshkosh, NE 69154

REF: GIS Website

Dear Janet:

Thank you for contacting me about the possibility of Garden County coming online with a GIS Website. Many other counties in Nebraska and Colorado are on GIS Website systems, and as a professional real estate appraiser, I find these sites very valuable. It not only saves me time in accessing property record cards, but often times helps me locate properties before I leave the office, saves a lot of gas money and more time. In addition, the access is 24/7, which is very beneficial when working long and odd hours.

I hope you are successful in obtaining a grant from the Nebraska State Records Board to support the development of the GIS Website. It will be beneficial to the entire community of Oshkosh and Garden County, and real estate professionals (appraisers, brokers, bankers, attorney's, etc.).

Sincerely,

Thomas Luhrs

Thomas Luhrs, ARA, MAI, CMEA, SBA
Nebraska Certified General Appraiser (#CG910149)
Colorado Certified General Appraiser (#CG01313405)
Certified Machinery & Equipment Appraiser
Senior Business Analyst

LASHLEY LAND AND RECREATIONAL BROKERS

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2218 E. Walker Road
North Platte, NE 69101

Michael G. Lashley
President

Office 308-532-9300
Cell 308-530-0134
Home Evenings 308-534-3381
Fax 308-532-1854
www.lashleyland.com

March 28, 2013

GARDEN COUNTY ASSESSOR
PO BOX 350
OSHKOSH NE 69154
gcasr1@embarqmail.com

RE: Nebraska State Records Board:

Ladies and Gentlemen,

Please let this letter serve as support for the grant from your board to upgrade the Garden County GIS website and to improve electronic access to public information. We use this service on a regular basis. We totally support the grant to allow the Garden County Assessor's Office to upgrade. This saves us a lot of time and money to obtain necessary information to serve our customers and clients in the real estate business. Please allow this grant to go through. It would be a benefit to a great number of people.

Sincerely,

Michael G. Lashley
President
Lashley Land and Recreational Brokers, Inc.

MGL: lt

KRAUPIE'S
REAL ESTATE & AUCTIONEERS

917 Main **Bridgeport, Nebraska** 69336 Phone (308) 262-1150
P.O. Box 100 website: www.farmauction.net E-mail: kraupie@farmauction.net Fax (308) 262-1151

Auction Professionals

Nebraska State Records Board
440 S. 8th St., Suite 210,
Lincoln, NE 68508-2294

Re: Garden County grant request

To Whom it may concern,

We sincerely hope you would consider helping the Garden County Assessor update their records for electronic access.
We have found this method to be very helpful. The cost savings to professional people and tax payers is quite substantial.
This also allows the officials and their office to be more productive at what they need to do in the day to day operation at the Courthouse.

Thank You,

Darrell Kraupie

Darrell Kraupie

Darrell Kraupie
Kraupie's Real Estate & Auctioneers
PO Box 100
Bridgeport, Nebraska
Email: darrell@farmauction.net

Cobb Realty, Inc.

REALTOR®

319 E. "A" St.
Ogallala, NE 69153
www.cobbrealtyinc.com

TO WHOM IT MAY CONCERN:

It would be wonderful if the Garden County Assessor were online. I frequently travel to Oshkosh and Chappell to take photos, gather relevant information about properties, etc. I however almost always turn down work for Broker Price Opinions in Duel County. Their assessor's cards are not as easy to follow as the ones we use in Keith County and I can't gather any info online or pull photos from the GIS. It makes doing BPO's in the area an absolute nightmare. It would make my job so much easier and I would be willing to take BPO work and other additional work if the office was online. Many times when I do decide to go to Garden County I will think I have gathered all the information I needed only to get back to Ogallala and be missing things. Then I have to call the assessors office once or twice to get all the info. I am sure it is inconvenient for them to stop doing their regular duties and look up information for us (although they are always very pleasant). In short, I think putting the information online would be advantageous to all people working in the real estate, appraisal, and insurance fields.

Sincerely,

Nicole Walburn
Salesperson
Cobb Realty, Inc

Cobb Realty, Inc.

REALTOR

319 E. "A" St.
Ogallala, NE 69153
www.cobbrealtyinc.com

Garden County Assessor
P.O. Box 350
Oshkosh, NE 69154

March 28, 2013

To Garden County Assessor:

I am a realtor in Ogallala, NE. When we list a property in Lewellen we have to go to Oshkosh to get records from the Assessor's Office. It takes time and money to go to Oshkosh to access the country records. It is great to go on line in Keith County and Perkins County to their GIS Website.

It is also nice to have the website up 24 hours a day so that we can work on our B.P.O.'s at home so we can save time through the day. I hope you will grant funds so that this can happen. It will also be good for the County Assessor because she won't have to field all our questions. So it will save her time also.

Sincerely,

B. Diane England

B. Diane England

Cobb Realty, Inc.

REALTOR®

319 E. "A" St.
Ogallala, NE 69153
www.cobbrealtyinc.com

March 28, 2013

Garden County Assessor
P.O. Box 350
Oshgosh, Ne 69154

Re: "on line info"

To whom it may concern:

As a user of the County records in preparation of BPO's , comparables for market analysis, as well as information for clients, I would greatly appreciate it if access to the Garden County records were available on line. Almost all the other counties in our area have made this available.

At the current time I have to make a drive of 51.5 miles each way which takes 2 hours of driving time as well as time needed to make contact, look at the books and get the info. This translates to approximately 3 hours of my time that could be eliminated. With gas close to $4 per gallon, and the worth of my time, it makes it hard to take a BPO that is in Garden County.

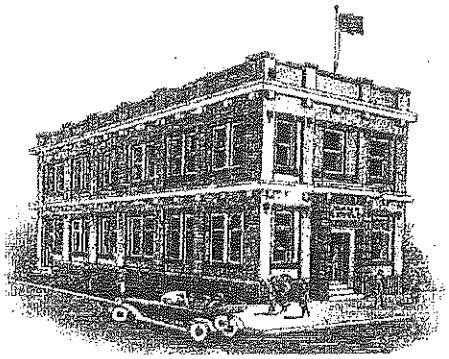
The people in the Courthouse have always been very nice to work with, but to be able to get the information we need from either our home office or regular office would be great. We would be able to access during the time we need it which could be anytime day or night we have time to work on the project, not just times courthouse is open.

Please give this your serious consideration as it would be very helpful.

Sincerely,

Joyce Mickelson

Joyce Mickelson
Agent at Cobb Realty, Inc
Ogallala, Ne 612 867 6632



Bank of Lewellen
302 Main Street
P. O. Box 248
Lewellen, NE 69147
MEMBER FDIC

Established 1905

C. J. Beard, Chairman
Clarence J. Beard, President
E-mail: Krack55@embarqmail.com
William J. Morrow, Vice President

Telephone: (308) 778-5361
Telecopier: (308) 778-5574
E-mail: fnb-lew@embarqmail.com

April 10, 2013

Garden County Assessor
PO Box 350
Oshkosh, NE 69154

RE: Upgrade GIS Website

Dear Janet:

I support your efforts in trying to upgrade the GIS Website and any electronic access through your office is a great benefit to our business and our customers.

We wish you well on this valuable project and support your efforts.

Thank you.

Truly,

Clarence J Beard
President

GARDENN COUNTY WEED CONTROL AUTHORITY
PO Box 350
Oshkosh, Ne. 69154
Phone: 308-772-4311
Cell: 308-778-6772
E-mail:garcow1752@embarqmail.com

April 1st 2013
Garden County Assessor
PO Box 350
Oshkosh, Ne. 69154

Nebraska State Records Board,

In regards to the GIS Web site grant. This web site would help the County Weed Control Authority in the updates
of landowners in the county. As of present I have to go to the assessors office at the first of each month and get a list of transfers and then individually enter them into my landowner list on my computer. With the GIS web site I would be able to go to the site and download these land transfers directly to my computer saving a lot of time. The list of landowners is used by the Weed Control Authority in issuing inspection reports to the landowners where infestations of noxious weeds have been found on their property and the need for control methods to be applied.

Sincerely,

Larry Raymer
Garden County Weed Control Superintendent

City of Oshkosh

James R. Levick, Mayor
ocityhall@embarqmail.com

Office of City Clerk
P.O. Box 166
Oshkosh, Nebraska 69154
(308) 772-3686

LeAnn Brown, City Clerk
Bill Campbell, Administrator
www.ci.oshkosh.ne.us

March 29, 2013

Nebraska State Records Board:

I am writing this letter in support for the grant that Garden County is applying for to upgrade their GIS Website and to improve electronic access to public information. This grant is very much needed to get our county assessor's data and maps on a GIS website for the use of many people, businesses and the City of Oshkosh.

This website would be available 24/7 and would save time and money.

Your assistance in this grant would be greatly appreciated.

Sincerely,

Bill Campbell

Bill Campbell
City Administrator

BC:lb

To Whom It May Concern,

I am the Assoc. Broker for Jack Nerud Realty in Oshkosh, NE. During the course of my business I access the records from the Garden County Assessors office frequently. I also have offices in Keith County and Deuel County.

Keith County has their assessor information online which is fabulous. I utilize it daily for searches of property. It is so convenient, I could never do the wonderful things I can daily without it. I would not be able to drive there that frequently and access that information. I have also utilized Box Butte's County Assessor information for listings and Broker's Professional Opinions which was very convenient and helpful.

My job and those of my colleagues would be more efficient if Garden County was also online. First, we could work on properties any time of the day or night, not just during courthouse hours. Second, we would not make so many calls to the GC Assessor's office for assistance, which would free up their time for better use. Third, we would not have to drive to the courthouse so frequently, saving our time and gas.

I would appreciate the information to be available to me anytime.

Sincerely,

Kristy Nerud, Assoc. Broker
Jack Nerud Realty
308-778-7177 cell

LAW OFFICE OF
RICHARD H. JENSEN

POST OFFICE BOX 75
OSHKOSH, NEBRASKA 69154

TELEPHONE (308) 772-3681
FAX (308) 772-3814
jensenlaw@embarqmail.com

April 10th, 2013

Janet Shaul
Garden County Assessor
P.O. Box 350
Oshkosh, Nebraska 69154

Re: GIS Website

Dear Janet:

As a real estate attorney in Garden County, access to the information provided on an upgraded GIS Website would be of great benefit to me and my clients.

Very truly yours,

Richard H. Jensen

Kim Vanvelson-Riley
850 Road West E North
Brule, NE 69127

Kim Vanvelson-Riley, Appraiser

April 5, 2013

Nebraska State Records Board
Suite 210
440 South 8th Street
Lincoln, Nebraska 68508

Dear Nebraska State Records Board:

I would like to support in any way I can the ability of the Garden County Assessor's Office to be able to obtain an assessor's web site.

I am a real estate appraiser who has worked for the past 20 years in Western Nebraska. In exploring sources of information I have been in most of the assessor's office in the western and southwest parts of the state. The Garden County Assessor's Office has always been one of the most efficient and most user friendly I have visited. Their records always are well maintained and up to date.

I serve an approximate ten county area in the western part of the state and I estimate that 75% of the county assessor's offices I depend on for information have a web site. I do believe that the web sites of the Nebraska county offices are similar and having consistency across the offices makes research easier.

The lending climate has changed in the past five years and some questions that lenders ask are not what would have been typical in past years. Having 24 hour web access to assessor's information helps when answering additional questions posed by lenders after an appraisal has been submitted. Printable maps have always been hard to find and having web access with layering to include property boundaries would make completing reports easier. The saying "a picture is worth 1,000 words" if very true in the appraisal business.

Being able to identify properties close to a subject property would be helpful in describing local land use. When completing an ag appraisal having maps that show soil types and a measuring tool would shorten analysis time. One other expanded ability that would be valuable to me is searchable sales information. In this time of high gas prices being able to cut drive time to just sales which are truly relevant to an appraisal would be appreciated.

Sincerely,

Kim Vanvelson-Riley
Appraiser

Wheat Belt PPD
2104 Illinois Street . P O Box 177
Sidney, NE 69162

April 18, 2013

Nebraska State Records Board
Garden County Assessor
PO Box 350
Oshkosh NE 69154

To Whom It May Concern:

We would like to support the Garden County Assessor's data and maps on a GIS Website. Our business works with other counties already using the GIS Website. It not only saves our time, but their time also when we need to verify the ownership of properties.

Please consider a grant for Garden County to fund a GIS website.

Sincerely,

WHEAT BELT PUBLIC POWER DISTRICT

Jane Bartels

Jane Bartels
Customer Care Assistant

308-254-5871 . 800-261-7114