

**Nebraska State  
Records Board**  
440 S 8<sup>th</sup> 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/business> , and the One-Stop Online Business Registration System at: <http://www.nebraska.gov/osbr/index.cgi> .

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 Scotts Bluff County Mapping Department
2. Title of project Scotts Bluff County Web GIS Initiative
3. Brief description of project: *To develop internet GIS applications using ARCGIS Server software.*
4. Grant amount requested \$ 25,000
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?

*There will be no fee involved for the use of our internet services.*

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

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?

*Yes*

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.

- 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).

*Yes*

- 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?

*Yes*

## **Part II. Grant Detail**

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

*Scotts Bluff County has a well-developed GIS in place which was initiated in 1989, but the fairly recent availability of software by ESRI (ARCGIS SERVER) makes it much more feasible to create web services from GIS "Shapefiles". We presently own licenses for Workstation ARC INFO along with ARCGIS SERVER, which is a migration from ARCIMS and has a more robust set of tools for serving GIS data through the use of the Internet. Our vision is to develop in-house, along with some assistance from a WEB development consultant, a variety of web applications accessible to the public, which would include our cadastral map along with the associated attributes and also to incorporate other available data such as soils and land use maps, demographic data, hazardous use area designations and available imagery acquired through our own efforts or freely available imagery from government agencies such as FSA. As more GIS resources become available we would incorporate them into our web presence where appropriate for the use and benefit of the public.*

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

*The most obvious beneficiary would be the citizens of Scotts Bluff County. This is a tool that has the potential to make open government more of a reality. It provides the information for people to make more informed decisions about how to apply geographically based information to their everyday activities. It is also a tool to promote economic development, decision making involving the location and availability of land suitable for a particular type of business. Tourism promotion would also benefit by being able to showcase the area and its attractions. Finally the internal use of easily accessible GIS data provides nearly all offices of county government and state agencies the ability to interact with one another.*

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

*Primarily it will be used by the public to access property records and maps. We also will use this as a means to provide GIS Services to all government offices and the public with many other types of maps such as land use, zoning, roads, emergency response, tourism, etc.*

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.

*Initial development of a significant web presence could be accomplished in 1 year. This would include availability of cadastral mapping, roads, school districts, commissioner districts and voting districts. If presently available land use and soils maps created by other agencies were used they could simply be incorporated along with maps such as demographics. If a higher level of sophistication is required such as polygon intersections and dissolving of extraneous boundaries such as roads and other manmade features were required by the Assessor's Office it may require 2 to 3 years and some outside consultant involvement to accomplish the required editing and final product.*

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

*We maintain a full time office for the maintenance of the GIS System which has an annual budget of approximately \$140,000. We have 2 full time and 1 part time employees and upon implementation of this system we anticipate the potential of making the part time employee into a full time employee who would be dedicated to the continuance of this project*

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

*No we have no outside agency funding. The Mapping Department budget will address the additional funding requirements that we encounter. We continuously impress upon the commissioners the need for support for the GIS program, and illustrate applications that we have identified as being important to the public and all levels of government.*

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

*No, but ultimate acceptance of the grant would be approved by our county commissioners.*

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 project to do the work in house and with the aid of a consultant. Monies used as follows:*

*\$3,917 for a computer with software*

*\$13,089 for a part-time employee dedicated to the web application work*

*\$10,000 for consulting fees and web page development.*

*We have had preliminary discussions with Beehive Industries of Lincoln aimed at potentially contracting with them to create our Web interface for our Scotts Bluff County produced GIS Data. Based on the quotes attached we are requesting the full 25,000 amount.*

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 GIS office presently has only three full and part time employees and is not able to dedicate the time away from the scope of our primary job requirements to give this the level of attention that it would require to be successful, nor are we able to expand our budget to hire additional qualified temporary employees to accomplish the implementation of this project. When the funds are expended we anticipate that we could at the very least justify hiring an additional part time or possibly full time employee to sustain it.*

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?

*Yes, it has been a project that we have taken steps towards achieving, but will be a longer timeline.*

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.

*We presently have a well-developed computer network and a competent IT department that keeps the network current with available technology. In fact, our county web site has received awards for its outstanding content and usability. A tool like this will provide a graphic interface that text only is difficult to use to convey the many location related types of information that county government must convey to its citizens. It's the old adage, "A picture is worth a thousand words".*

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

*It will provide the public with information that they previously had to come to our office to obtain. Along with the public other county and state offices will have uniform access to GIS data.*

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

*We have collaborated in the past with the local city governments of Scottsbluff, Terrytown and Gering. We also collaborate with many of our internal departments to utilize GIS and can see the value of a web presence to aid the 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/business> , and the One-Stop Online Business registration system located at: <https://www.nebraska.gov/osbr/index.cgi>

*No*

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

### **Part III. Technical Information**

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

*We are presently using ESRI software products and have been since 1989. A variety of Windows based computers will be utilized and some additional hardware will need to be purchased with the grant funds as well as additional software seats.*

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

*There are no known technical issues.*

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.

*It will comply with the State's Technology Access Clause.*

4. Describe how technical support will be provided.

*Software support is maintained with ESRI on an annual basis, Web support will be with our in-house technical support and the proposed agreed web provider.*

#### **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:

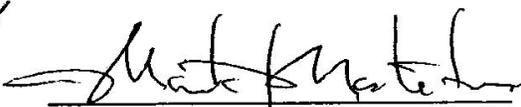
Duane Stott \_\_\_\_\_ GIS Administrator \_\_\_\_\_  
Printed Name Title

Phone # (308) 436-6654 E-mail dstott@scottsbluffcounty.org

**Physical Address: 785 Rundell Road**  
\_\_\_\_\_  
**Gering, NE 69341**  
\_\_\_\_\_

I, the Authorized Representative of Scotts Bluff 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 1 day of May, 2013

X  
  
\_\_\_\_\_

**Agency Director**

Chairman of the Board

**Please return completed application to:**

**Please return completed application to:**

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

<b>Board Staff use only, do not fill in below this line</b>	
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)

## Attachment 1

Scotts Bluff County GIS has a goal to build an online presence with the accuracy of the State of Nebraska's requirements for a database and web service. We have an excellent base to start building our database with. We currently are our converting coverages to databases with shapefiles and attributes.

Our data has all of our information in one tax parcel layer, we would like to create a subdivision, legal and tax parcel layer. We have a road layer that has all federal, state and local roads in one field, Scotts Bluff County GIS has a goal to create designated symbology and layers with subtypes and domains. We would like to utilize part of this grant money for the hire of a part-time employee to help create the geodatabases and shapefiles for the web service. Part of the money would also go for a contracted web service as designated in the grant application.

We also would like to acknowledge that the City of Scottsbluff has applied for this same grant. They have been diligently working on getting an online presence with the cities information. We are all small offices of one or two people and have an intergovernmental agreement and great working relationship. The city has provided us with corporate limit changes, building/address city layers as well as voting district changes. The county has shared our parcel data. We share our information with the local as well as the state entities at no charge.

Scotts Bluff County and the City of Scottsbluff has different needs for the city layers and the rural layers that are needed by the taxpayers, Assessor's office and the farming industry. We want to fulfill the needs of the taxpayer, city and county and state of Nebraska by building the ever growing need for technology and land records.

# 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: Scotts Bluff County Mapping Department**

**Title of Project: Scotts Bluff County Web GIS Initiative**

## 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.**

*We would be willing to share periodic updates with any governmental agency. We currently have inter-governmental agreements with our local cities and freely share data.*

## 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.**

*We have entered into cooperative agreements with several local agencies. We would be happy to participate in any cooperative agreements with any governmental agency willing to advance the development of GIS technology. Maintenance will be managed through our GIS Department as it now it exists, with the anticipation of a full time employee dedicated to the web mapping aspect of the office.*

## 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.**

*We have all of our data based on NAD 83 in the State Plane Coordinate System.*

- 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.**

*Our data is in the NAD 83, Nebraska State Plane Coordinate System.*

- 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.**

*Our control framework is built around approximately 150 GPS observations taken on PLSS corners and over the next year it our plan to GPS all available Section Corners in the county.*

#### 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.**

*Our GIS is built on the PLSS Geodetic Framework.*

**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.**

*Our office houses a GPS CORS station which is used to post process our GPS observations. It is planned to observe all available Section Corners in the County using a dual frequency GPS receiver. As mentioned earlier, nearly 150 observations have already been done which include all of the Section and Quarter corners in Scottsbluff and Gering.*

**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.**

*I am the County Surveyor for Scotts Bluff County so I am in frequent contact with the State Surveyors Office and have a good working relationship with that office. We would make sure that all of the data is provided to the State Surveyor.*

**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.**

*We presently have 6" ortho rectified aerial photography of the entire county that was taken in 2008. We will periodically be attempting to fund new photography as development trends take place.*

**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.**

*All of our present GIS data meets these standards.*

**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 Boards grant.**

*We use coordinate geometry to enter new parcel data and assign unique cadastral numbers to each parcel according to the Property Assessment Division of the Department of Revenue.*

### **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.**

*We use a cadastral numbering format that was designated by the Property Assessment Division to provide a unique parcel number, that number is also maintained in the polygon attribute table that provides a unique 1 to 1 association for each parcel.*

**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.**

*We presently maintain most of our data in ARC Info Coverage format but are converting it to Shapefiles and will subsequently utilize the geo-database format developed by ESRI*

**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.**

*Presently we have not developed a program of developing the metadata other than our own in house file system but would be willing to move toward the development of the FGDC standard.*

**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**

*We would upload the existing metadata and structure our information mirroring the states.*

**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 ..... 1<sup>st</sup> class, 2<sup>nd</sup> 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.**

*Presently we have not developed a program of developing the metadata other than our own in house file system but would be willing to move toward the development of the FGDC standard.*





Quote #2328

**From:**  
 Beehive Industries LLC  
 151 N 8<sup>th</sup> Street  
 Suite 300  
 Lincoln NE 68508

**To:**  
 Scotts Bluff County Surveyor  
 Duane Stott  
 785 Rundell  
 Gering, NE 69341

<i>Beehive Price Quotation</i>		
Includes	Pricing	
	Rates	Amount
<b>Software License</b>		
Modules		\$6,000
HomeBase (Public Portal)		
		<b>\$6,000</b>
<b>Service Package</b>		
Web Hosting (Cloud Package)		INCLUDED
Phone, Email and Online Customer Support		INCLUDED
Training (Web Only)		INCLUDED
		<b>INCLUDED</b>
<b>Deployment</b>		
HomeBase customization		\$4,000
Configure HomeBase site		INCLUDED
Import additional data layers for the public portal		INCLUDED
		<b>\$4,000</b>
<b>TOTAL PRICE</b>	<b>Year One</b>	<b>\$10,000</b>
	<b>Subsequent Years</b>	<b>\$6,000</b>

Scotts Bluff County Surveyor

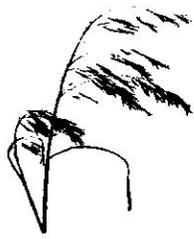
785 Rundell Rd.  
 PO Box 690  
 Gering, NE 69341

# Estimate

Date	Estimate #
5/7/2013	1

Name / Address
Scotts Bluff County Mapping 785 Rundell Road Gering, NE 69341

			Project
Description	Qty	Rate	Total
20 hrs per week Scotts Bluff County	28	545.40	15,271.20
20 hrs per week- GIS Grant	24	545.40	13,089.60
Billable rate with benefits is \$27.27		0.00	0.00
		<b>Total</b>	\$28,360.80



## Western Prairie Title & Escrow, LLC

1925 10<sup>th</sup> Street, Suite B Gering, NE 69341

308/436-9042 ofc 308/436-9059 fax

April 29, 2013

Scotts Bluff County Surveyor/Mapping Office

Gering, NE 69341

Re: GIS Records

My office does a large volume of work for customers owning property in Scotts Bluff County Nebraska. Having the GIS records for Scotts Bluff County on a website that would allow for electronic access would be of great value to my office, e.g., reduced travel costs, access to historical documentation available with a "keystroke", accuracy and reliability of timely information, ability to investigate title issues electronically, etc.

My office would still be obligated to research the physical records at the courthouse because of our insured title commitment(s), however, the ability to update and cross-reference our search activity would be greatly enhanced with electronic access to the GIS records for the Surveyor's/Mapping Office of Scotts Bluff County.

Any grant assistance for the rural population counties of Nebraska would be of value to my office.

Thank you very much,

ROGER CHRISTENSEN

Partner

**Platte Valley Bank**

1212 Circle Drive  
P. O. Box 2308  
Scottsbluff, NE 69363-2308  
Phone: 308-632-7004  
Fax: 308-635-7405

Website: [www.pvbankne.com](http://www.pvbankne.com)

Platte Valley Companies

MEMBERS FDIC

NEBRASKA: Scottsbluff • Morrill • Minatare • Bridgeport  
WYOMING: Torrington • Wheatland • Casper

Email: [info@pvbankne.com](mailto:info@pvbankne.com)

April 4, 2012

Scotts Bluff County Surveyor & Mapping Department  
In support of: GIS Department/Duane Stott, County Surveyor  
785 Rundell Road  
Gering, NE 69341

To Whom It May Concern:

My name is Robert M. Smith. I am employed by Platte Valley Bank as a Collateral Specialist and also manage 25,000 acres for a local conservation organization.

Mr. Stott informed me that the Scotts Bluff County GIS and Mapping Department is applying for a grant to improve the access and upgrade the services that the surveyor's office furnishes to the general public. The new technology of the GIS system will be a valuable asset for my property valuation position at the bank, will benefit the conservation group and enhance the potential property acquisitions that the group may consider in the future.

I have had the pleasure of working with Duane for many years and have always admired his professional dedication as well as his attention to detail and overall accuracy. To invest in this system will not only enhance and compliment Duane and his department but also the constituents of Scotts Bluff County.

A handwritten signature in black ink, appearing to read 'Robert M. Smith', written over a horizontal line.

Robert M. Smith  
Collateral Specialist  
Platte Valley Companies

  
**FERGUSON**  
**TITLE SERVICES, LLC**  
*A Quality Product in a Timely Manner*

1720 2<sup>nd</sup> Ave. ~ P.O. Box 92  
Scottsbluff, NE 69363-0092  
Ph: 308.635.1300 – Fax: 308.635.1900  
[Cheryl@fergusontitle.com](mailto:Cheryl@fergusontitle.com)

April 4, 2012

To Whom It May Concern:

For many years, the Scotts Bluff County GIS Mapping Department has been a superior resource of information for many businesses and citizens. The department has been very progressive with technology which allows abstracters and many other professionals to obtain credible mapping information to aide in our work.

Mr. Duane Stott, Surveyor on staff, is a great compliment to this department. His many years of experience have been very helpful to my business. Scotts Bluff County is fortunate to have a sophisticated Mapping Department to provide quality information here in Western Nebraska.

My business along with many others in the community would highly support a web presence for the data to become more available to all.

Sincerely,  
FERGUSON TITLE SERVICES, LLC



Cheryl Ferguson  
Abstracter/Title Agent

## **Suzanne Wick**

**From:** Scott Blaha  
**Sent:** Thursday, March 08, 2012 12:35 PM  
**To:** Suzanne Wick; Duane Stott  
**Subject:** GIS Department

To whom it may concern:

I have found the GIS Department to be of great help in criminal prosecutions. In the last year or so, I have had several cases involving the distribution of controlled substances. Often, a key factor in these prosecutions is whether the drug purchase occurred within 1000' of a school yard, playground, elementary school, or university. If it did, we can "aggravate" or "enhance" the prosecution to a higher felony and thus remove drug dealers from our County for longer periods of time. The GIS Department has helped me demonstrate the relevant locations and distances involved and, no doubt, strengthened my cases in the process.

There is one case in particular where the GIS Department helped me develop and produce an exhibit for trial that was absolutely necessary for conviction. The case was about a high-speed chase ("Flight to Avoid Arrest") where the defendant went all over Scottsbluff, at incredibly dangerous speeds. GIS helped me put together a huge map of the relevant parts of Scottsbluff. The map included great detail. By using the map during trial, the officer and I were able to clearly demonstrate the precise route travelled by the defendant, the distances covered during the pursuit, the estimated speeds involved, the exact number and type of traffic control devices ignored by the defendant, and the different types of roadways used during the pursuit (residential, one-lane, two-lane, alleyways, etc.). I believe that the exhibit had a huge impact on the jury and led to the guilty verdict. That defendant was sentenced to 20 – 60 months in prison.

Having local experts in the GIS Department near the courthouse who are ready, willing, and able to assist in criminal prosecutions is a tremendous asset. One that I would hate to lose.

Please don't hesitate to contact me with any questions or to pass this email along as you think necessary.

Thank You,

**Scott Blaha**  
Deputy County Attorney  
Scotts Bluff County  
3rd Floor Courthouse  
1725 10th Street  
Gering, NE 69341

Office (308) 436-6674  
Fax (308) 436-5496

# Takuski Appraisals, Inc.

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130217 Highway 92, Mitchell, NE 69357

308-623-2009 or 308-631-5198

May 3, 2013

Scottsbluff County Surveyor/Mapping Department

Gering, NE 69341

To Whom It May Concern,

Our office does appraisals for customers owning property in Scotts Bluff County, Nebraska. Having the GIS records for Scotts Bluff County available through the internet would be of great value to my office. We could research site sizes, etc. any time of the day.

Any grant assistance for the rural population counties of Nebraska would be of value to our office.

Thank you for time,

Camille J. Takuski and Tori J. Martin

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