Geographic Information Systems (GIS)

Geospatial GIS Enterprise
July 2021

Rate

Transaction	Rate FY22/FY23	Debit Code
GIS Access Tier 1	$350.00/month/agency	326
GIS Access Tier 2	$4,000.00/month/agency	327
Utilization Tier 1	$950.00/month/agency	328
Utilization Tier 1- Annual	$11,400.00 annually	329
Utilization Tier 2	$1,600.00/month/agency	330
Utilization Tier 2-Annual	$19,200 annually	331
Utilization Tier 3	$12,000.00/month/agency	332
GIS Desktop License	$100.00/month/agency	333
Basic Software Maintenance	$35.00/month/license	343
Standard/Advanced Software maintenance	$112.50/month/license	342

General Overview

The Geospatial/GIS Enterprise service tiers are based on an organizations number of GIS licenses, web applications that require editing, field collection applications and the agency's GIS maturity level. The need for these types of service levels depend on the type of work and resources that would be required to fulfill the agency's mission. Any GIS desktop licenses used by state agencies will be ESRI's ArcGIS products, the GIS enterprise software for the state of Nebraska.

This service is a component of the Geospatial/GIS Enterprise platform. The OCIO Geographic Information Office hosts and delivers geospatial content, web services, location-based services (LBS), and other applications through this platform. User agencies can integrate enterprise-level Geographic Information Systems (GIS) and geospatial data with map capabilities and spatial content into new or existing websites and applications from our hosted geospatial data, geoprocessors and viewers. Access to this data and services

Geographic Information Systems (GIS)

enhances traditional analytics and decision support tools by providing a geographical/spatial context and meaning to information.

The following is a summary of the service level tiers:

GIS Access Tier 1- *Accessing Geospatial data on the State's Enterprise GIS environment.*
This tier is for small agencies to access various GIS data sets that are published internal. Typical agency is small and may not have a GIS staff to support the agency. An example of this would be able to access the state's parcel viewer application.

GIS Access Tier 2- *Accessing large data sets such as Imagery and LiDAR data and related derivatives.*

Tier for agencies who need access to the Imagery, LiDAR and Lidar derived products such as digital elevation models (DEM's). Typical agency would be a large agency with more than 10 GIS users and not part of the State's Enterprise GIS platform run by the OCIO.

Utilization Tier 1- Beginner– Projects where an agency has no GIS capacity to help them develop a web mapping application. These are simple projects with low complexity and very little maintenance

Tier for the agency that wants to explore and start integrating GIS into their business plan. The agency would have some agency specific data creation and could need editing capabilities either through a web browser or mobile collection. All public facing data and applications would be shared through NebraskaMap.

Utilization Tier 2- Intermediate Level - *Medium workload, medium complexity for web applications and analysis, increased data storage needs. Several editing or mobile collection activities.*

Tier for the agency that has started to use GIS and is at a level that they are utilizing GIS in their daily operations or trying to build back up from having many licenses and resources in the past and hosting several web applications or rest services. The agency may have authoritative data sources and public facing applications available for consumption on NebraskaMap. The agency could have specific data creation needs as well as a need for more editing capabilities than Tier 1 and the potential to do more field collecting of data.

The agency may have staff using GIS and/or a dedicated GIS staff resource(s).

Utilization Tier 3- Advanced Level – *High complexity for applications and analysis, large amounts of data storage needs, large amounts of licenses, large workload due to size and complexity. Multiple editing or mobile collection activities.*

Tier for the agency that has started to use GIS and is at a level that they are utilizing GIS in their daily operations or trying to build back up from having many licenses and resources in the past and hosting several web applications or rest services. The agency may have authoritative data sources and public facing applications available for consumption on NebraskaMap. The agency could have specific data

creation needs as well as a need for more editing capabilities than the previous tier and potential to do more field collecting of data.

The agency may have staff using GIS and/or a dedicated GIS staff resource(s).

Service Details

Access Tier 1

The following features are available for accessing and hosting data (the back end) for this tier:

- Basic Web Viewer for applications built for internal use (State Parcel viewers)
- Secure File Server access to data such as imagery, elevation, and soils
- Access to InfoGroup demographic data

What is **NOT** covered

- OCIO GIO team time to build the application and process any of the data.
- ArcGIS Desktop Licenses, Extensions or Applications such as Collector, Insights and Survey 1-2-3
- Access to create applications on the NEGIS Infrastructure (databases and Portal)
- Geocoding services (cost for time to geocode)
- Access to the 1 Spatial Enterprise Software

Access Tier 2

The following features are available for accessing and hosting data (the back end) for this tier:

- Basic Web Viewer for applications built for internal use (State Parcel viewers)
- Secure File Server access to data such as imagery, elevation, and soils
- Access to InfoGroup demographic data

What is **NOT** covered.

- Custom or Complex web mapping viewers or applications. This would be considered a custom project and would be a custom amount
- Access to create applications on the NEGIS infrastructure (databases and portal)
- Access to Geocoding services.
- Access to the 1 Spatial Enterprise Software
- ArcGIS Desktop Licenses, Extensions or Applications such as Collector, Insights and Survey 1-2-3

Geographic Information Systems (GIS)

Utilization Tier 1

The following features are available for accessing and hosting data (the back end) for this tier:
- Secure File Server access to data such as imagery, elevation and soils
- Access to Enterprise Geodatabases
- Metadata resources and support
- NebraskaMap
- Infrastructure to support the creation of data, REST services, web maps and applications, if agency has GIS staff to do so. This would include the Geocortex 5 series of tools.
- Access to InfoGroup Demographic and Geocoding services
- Access to the 1 Spatial Enterprise Software
- ESRI Enterprise Advantage Program
- GIO staff time would be used to help with troubleshooting
- 3 Creator or Field Editor licenses for the Portal or field collection

What is **NOT** covered
- Custom web mapping viewers or applications. This would be considered a custom project and would be a custom amount for time and materials.
- GIS Desktop Licenses, Extensions and other ESRI Applications or resources, unless participating in the OCIO ELA with ESRI
- Promotion of web maps and applications to either the CAT (test) environment and Production environment
- Geocoding Services- OCIO can do it charged for time and materials

Utilization Tier 2

The following features are available for accessing and hosting data (the back end) for this tier:
- Secure File Server access to data such as imagery, elevation and soils
- Access to Enterprise Geodatabases
- Metadata resources and support
- NebraskaMap
- Infrastructure to support the creation of data, REST services, web maps and applications, if agency has GIS staff to do so. This would include the Geocortex 5 series of tools.
- Access to InfoGroup Demographic and Geocoding services
- Access to the 1 Spatial Enterprise Software
- ESRI Enterprise Advantage Program
- GIO staff time would be used to help with troubleshooting
- 8 Creator or Field Editor licenses for the Portal or field collection

Geographic Information Systems (GIS)

What is **NOT** covered
- Custom web mapping viewers or applications. This would be considered a custom project and would be a custom amount for time and materials.
- GIS Desktop Licenses, Extensions and other ESRI Applications or resources, unless participating in the OCIO ELA with ESRI
- Promotion of web maps and applications to either the CAT (test) environment and Production environment
- Geocoding Services- OCIO can do it charged for time and materials

Utilization Tier 3

The following features are available for accessing and hosting data (the back end) for this tier:
- Secure File Server access to data such as imagery, elevation and soils
- Access to Enterprise Geodatabases
- Metadata resources and support
- NebraskaMap
- Infrastructure to support the creation of data, REST services, web maps and applications, if agency has GIS staff to do so. This would include the Geocortex 5 series of tools.
- Access to InfoGroup Demographic and Geocoding services
- Access to the 1 Spatial Enterprise Software
- ESRI Enterprise Advantage Program
- GIO staff time would be used to help with troubleshooting
- 35 Creator or Field Editor licenses for the Portal or field collection

What is **NOT** covered
- Custom web mapping viewers or applications. This would be considered a custom project and would be a custom amount for time and materials.
- GIS Desktop Licenses, Extensions and other ESRI Applications or resources, unless participating in the OCIO ELA with ESRI
- Promotion of web maps and applications to either the CAT (test) environment and Production environment
- Geocoding Services- OCIO can do it charged for time and materials

The Enterprise platform supports NebraskaMAP, the official enterprise clearinghouse of geospatial data for Nebraska. Data and map applications that agencies need to make public will be registered through NebraskaMAP. This support the metadata hosting along with your data. The geodata framework and cataloging of data meets state (NITC) and ISO metadata standards. Data can be searchable and accessed by user agencies to conduct their own spatial analysis for decision making and reporting.

This service **does not** include additional customization to data, map applications, and geoprocessing tools for your project.

Geographic Information Systems (GIS)

Custom geospatial data and web service consulting support and other one-time services are other offerings of OCIO Geographic Information Office and are billed to the respective agencies.

Roles and Responsibilities

The Office of the CIO is responsible for:
- Processing invoices
- Coordinating and publishing data services
- Scheduling and coordinating appropriate planning meetings and training
- Testing and implementation of new software and data
- Resolving production processing problems.

Customers are responsible for:
- Providing billing information
- Providing the name of a technical contact
- Providing data storage and web service needs
- Fulfilling NITC 3-201 Geospatial Metadata Standards (http://nitc.ne.gov/standards/3-201.html)
- Participate in training on using the service.

Requesting Service

Contact the OCIO Service Desk with questions or to order Web Application Hosting service. Submit a Service Request via the Service Portal: https://serviceportal.ne.gov

Service Expectations, Hours, Availability and Reliability

This environment is running on multiple production web servers for high availability. If there are any problems, on-call staff is available 24x7 to provide any support.

Cost and Billing Information

The fee structure for this service is based on a percentage of users who participate across all agencies using GIS. The fees maintain the enterprise geospatial/GIS platform, software licensing, support staff, and other hosting costs for the data, viewers, and applications.

The Office of the CIO uses Billing Accounts, Job Codes and Work Order numbers for authorizing work and tracking costs for specific projects. Customers may designate which job code and work order number to use or request a new job code and work order number. Contact the Office of the CIO for assistance with developing an accounting structure that meets the needs of the organization.

Geographic Information Systems (GIS)

Customer Support and escalation

Report problems to the OCIO Service Desk by calling 402-471-4636 or for less urgent problems, direct e-mail to: cio.help@nebraska.gov. Assign any tickets to the GIS/GIO group

As technologies change, so will the methodology of service delivery. Customers will be made aware of these changes and be able to provide discussion and recommendations to OCIO Geographic Information Office.

For further information, please contact:

The Office of the CIO Service Desk

Request this Service: https://serviceportal.ne.gov

cio.help@nebraska.gov

402-471-4636 or 800-982-2468