

**DIR-CPO-4503 Appendix C Price Index  
Geographic Information Services, Inc.**

**Services**

SERVICE NAME	SERVICE DESCRIPTION	Service Number	Unit of Issue	Discount % off MSRP
<b>HOURLY SERVICES</b>				
Staff Technical Architect	The Technical Architect (TA) labor category is available at the designated hourly rate to serve a hybrid role as technical visionary, technical lead, and project manager who is responsible for overseeing scoped and ad hoc support engagements to help ensure successful delivery. The TA brings a broad knowledge of location technology and the Esri software stack to help align requirements with appropriate solutions and coordinate implementation through assignment and direction of a supporting technical team.	TA1	Hour	5.00%
Senior Technical Architect	The Senior Technical Architect (Sr. TA) labor category is available at the designated hourly rate to provide subject matter expertise and advanced technical vision aimed at designing and supporting sophisticated solutions targeting complex technical challenges and business requirements. The Sr. TA brings additional experience that can shape solution design to help optimize enterprise GIS programs.	TA2	Hour	5.00%
Staff Geospatial Project Manager	The Geospatial Project Manager (PM) leads GIS projects and/or teams to support coordination, communication, reporting, oversight, and administration. The PM helps to develop and maintain project plans and schedules, guide to milestones, applies project controls and generally supports a technical team to ensure successful completion of all project tasks and deliverables.	PM1	Hour	5.00%
Staff Geospatial Developer	The Geospatial Developer labor category is available at the designated hourly rate to support application development and computer programming of geospatial solutions and complementary business system capabilities and integrations with enterprise systems and relational databases leveraging location technology, including implementation and test plan development. The Geospatial Developer can work independently or as part of a team using industry standard and best coding practices throughout the development lifecycle.	DEV1	Hour	5.00%
Senior Geospatial Developer	The Senior Geospatial Developer labor category is available at the designated hourly rate to support application development and computer programming of geospatial solutions and complementary business system capabilities and integrations with enterprise systems and relational databases leveraging location technology, including implementation and test plan development. The Geospatial Developer can work independently or as part of a team using industry standard and best coding practices throughout the development lifecycle. The experience and expertise of the Sr. Geospatial Developer often results in the resource providing a lead role in functional design, user interface/user experience, code architecture and system requirements for requested applications.	DEV2	Hour	5.00%
Staff Geospatial Analyst	The Geospatial Analyst labor category is available at the designated hourly rate to provide technical expertise in the use of GIS, CAD and automated mapping systems. The Geospatial Analyst creates geospatial databases and mapping products; provides spatial analysis and end user support; creates documentation on data and workflows; conducts testing of geospatial applications and performs QA/QC on data, processes and workflows.	GA1	Hour	5.00%
Senior Geospatial Analyst	The Senior Geospatial Analyst labor category is available at the designated hourly rate to provide support and technical expertise in the use of GIS, CAD and automated mapping systems integration with complementary business processes and systems. Collects functional requirements, analyzes and documents business workflows and designs/creates geospatial processes, tools and products to support business needs. Creates geospatial databases and mapping products; provides spatial analysis and end user support; creates documentation on data and workflows; conducts testing of geospatial applications and performs QA/QC on data, processes and workflows.	GA2	Hour	5.00%
Staff Solutions Engineer	The Solutions Engineer (SE) labor category is available at the designated hourly rate to support assessing existing GIS/IT environments and recommend areas for improvements in application technology, system performance, and software migration plans. An SE will commonly Install, configure and tune the Esri Platform components and support requirements gathering, business process review, system administration, scripting/automation, troubleshooting, knowledge transfer, and documentation. Additionally, an SE can provide documentation to include system, end-user, administrative, and standard operating procedures.	SE1	Hour	5.00%

Senior Solutions Engineer	The Senior Solutions Engineer (Sr. SE) labor category is available at the designated hourly rate to provide business and workflow analyses to identify and drive the optimal solution architecture and alignment. A Sr. SE commonly assesses existing enterprise environments and recommend areas for improvements in application technology, system performance, security and technology migration plans and, on larger, more complex projects, takes the lead in developing requirements, designing the solution, and overseeing technical validation and delivery. The Sr. SE helps to ensure compatibility and compliance with standards and systematically evaluates challenges, providing higher expertise and a pathway of technical escalation. The Sr. SE works closely with other Technical Architects to help guide and oversee the technical team to deliver a successful project solution.	SE2	Hour	5.00%
Staff Database Engineer	The Staff Database Engineer (DBE) labor category is available at the designated hourly rate to provide technical expertise in the use of geospatial systems and/or databases and their integration with complementary business systems. The DBE analyzes and evaluates data requirements and existing structure to recommend supporting data architectures/schemas to support required data flows and organizational objectives. This role can help define content organization, indexing methods, load balancing and security measures, as well as facilitating administration and troubleshooting. The DBE works closely with customers and stakeholders to determine required security, backup and recovery procedures, and access controls and data management procedures. Additionally, the DBE monitors and fine-tunes performance and ensures uptime requirements are met.	DBE1	Hour	5.00%
Senior Database Engineer	The Senior Database Engineer (Sr. DBE) labor category is available at the designated hourly rate to provide technical expertise in the use of geospatial systems and/or databases, architecture and integration with enterprise systems. The Sr. DBE evaluates, validates and establishes enterprise system and database requirements and designs architecture to include software, hardware, communications, and security to support the total requirements and interfaces with a perspective aimed at ensuring compatibility and compliance with industry standards. The Sr. DBE provides overarching vision and corresponding guidance on implementation of data strategies and associated data/workflows.	DBE2	Hour	5.00%
Consultant Enterprise Architect	The Consultant Enterprise Architect (EA) labor category is available at the designated hourly rate to provide subject matter expertise regarding wholistic organization solution design, inclusive of system architecture, capacity modeling, fault tolerance strategies, and deployment pattern optimization as well as complex solution engineering and integration to craft an optimized enterprise implementation. The EA provides vision and thought leadership to facilitate program advancement through information, education, and communication using tools and deep intimacy with location technology.	EA	Hour	5.00%
<b>PACKAGED SERVICES</b>				
GIS HealthCheck	The GIS HealthCheck is a lightweight technical and needs assessment intended to provide a concise evaluation of the existing status of implementation and adoption as well as recommendations for the short-, mid-, and long-term to provide an actionable location technology road map, effectively producing an organizational To-Do list. The GIS HealthCheck is facilitated through 2-days of onsite discussions/interviews with departments or stakeholders with subsequent documentation and delivery.	GISHC	Each	2.00%
GIS HealthCheck with Architecture Review	The GIS HealthCheck with Architecture Review is a lightweight technical and needs assessment, including an emphasis on system architecture design, intended to provide a concise evaluation of the existing status of implementation and adoption as well as recommendations for the short-, mid-, and long-term to provide an actionable location technology road map, effectively producing an organizational To-Do list. The GIS HealthCheck is facilitated through 2-days of onsite discussions/interviews with departments or stakeholders and a 3rd day onsite to discuss architectural characteristics and requirements, with subsequent documentation and delivery.	GISHCA	Each	2.00%
Discovery Workshop (2-Day)	A Discovery Workshop is a flexible engagement through which GISinc provides the relevant technical expertise to facilitate discussions, interviews, brainstorming sessions, or requirements gathering to provide the context and inputs that support the development of a corresponding solution or vision. The Discovery Workshop can be adapted to diverse organizational challenges or functional objectives ranging from business process review and design to application development needs to implementation plans and beyond. The Workshop is executed through a 2-day onsite exercise to facilitate conversations with appropriate stakeholders, with subsequent documentation (concise and actionable) and delivery.	GISDW	Each	2.00%

Cityworks Integration Workshop	A Cityworks Integration Workshop is intended to specifically allow the GISinc technical team to become familiar with the business processes that motivate the integration and the technical landscape that will support the integration, which are requisite to a properly architected approach. This engagement is facilitated by a GISinc Cityworks expert will spend 2-days onsite discussing, brainstorming, whiteboarding, and documenting the requirements for the integration(s). Subsequent offsite activities include collaboration with GISinc Developers and potential third-party software vendors to produce a final deliverable that includes an integration design represented in summary narrative and diagram or other visual support and corresponding budgetary estimate. No development will occur as part of this effort and any required software or licensing is the responsibility of the client.	CWIDW	Each	2.00%
Enterprise Jumpstart	The Enterprise Jumpstart is designed to help Esri clients newer to the Enterprise tier obtain an implementation of ArcGIS Enterprise, including Web Adaptor, ArcGIS Server, Portal, and Data Store. This engagement (5-days onsite) will be led and facilitated by a GISinc technical resource, but the approach is intended to provide immersive knowledge transfer to client staff. This service presumes foundational familiarity with Esri/GIS from client staff who participate. No software or licensing is included within the GISinc fee.	ENTJS	Each	2.00%
ArcGIS Online/Portal Jumpstart	The ArcGIS Online Jumpstart is designed to help Esri clients newer to the Platform establish a base organizational configuration and initial functional capability. This engagement (5-days onsite) is designed to be immersive knowledge transfer through which GISinc will work with client staff to configuration ArcGIS Online or Portal to help position for ongoing configuration and adoption. This service presumes foundational familiarity with Esri/GIS from client staff who participate. No software or licensing is included within the GISinc fee.	AGOPJS	Each	2.00%
Mobile Jumpstart	The Mobile Jumpstart is designed to help Esri clients configure the Esri Platform to support organizational functional objectives, with an emphasis on mobile capabilities. This engagement (5-days onsite) is designed to be immersive knowledge transfer through which GISinc will work with client staff to configure solutions such as Collector, Survey123, and other platform components as appropriate. This service presumes foundational familiarity with Esri/GIS from client staff who participate. No software or licensing is included within the GISinc fee.	MJS	Each	2.00%
Web Jumpstart	The Web Jumpstart is designed to help Esri clients configure the Esri Platform to support organizational functional objectives, with an emphasis on web capabilities. This engagement (5-days onsite) is designed to be immersive knowledge transfer through which GISinc will work with client staff to configure solutions such as solution templates, Web AppBuilder (WAB), and other platform components as appropriate. This service presumes foundational familiarity with Esri/GIS from client staff who participate. No software or licensing is included within the GISinc fee.	WJS	Each	2.00%
Hub Jumpstart	The Hub Jumpstart is designed to help Esri clients begin the journey toward adopting the collaborative ArcGIS Hub solution to increase data sharing, content organization, functional delivery, and data flows/management. This engagement (5-days onsite) is designed to be an immersive experience through which clients are introduced to Hub while the GISinc resource leads an initial implementation framework. The GISinc technical resource will help identify, prioritize, and configure an initiative, supporting applications, and Open Data, along with an introductory knowledge transfer on administration and monitoring. This service presumes foundational familiarity with Esri/GIS from client staff who participate. No software or licensing is included within the GISinc fee.	HJS	Each	2.00%
Election Jumpstart	The Elections Jumpstart is intended to help support more informed decision making by providing targeted delivery of relevant information. The engagement is conducted as a 5-day onsite to identify, prioritize, and configure select Esri Elections template solutions. GISinc will lead the effort, but the nature of the approach provides immersive knowledge transfer to help position client staff to maintain and even extend the solution set. This service presumes foundational familiarity with Esri/GIS from client staff who participate. No software or licensing is included within the GISinc fee.	ELJS	Each	2.00%
Insights Jumpstart	The Insights Jumpstart is intended to help introduce clients to deeper analytical capability through ArcGIS Insights to reveal trends, patterns, and behaviors within the data that are otherwise not evident. This engagement is conducted as a 5-day onsite exercise that includes the installation of Insights (Web and Server components, as required); mini-discovery to identify the target analyses; configuration of Workbooks, Pages, and Cards to facilitate an analysis; hands on experience; and summary knowledge transfer. This service presumes the availability of desired supporting data, an existing implementation of ArcGIS Enterprise, and foundational familiarity with Esri/GIS from client staff who participate. No software or licensing is included within the GISinc fee.	INSJS	Each	2.00%

GeoEvent Jumpstart	The GeoEvent Jumpstart is intended to help clients begin to leverage ArcGIS GeoEvent Server to support data streaming and injecting live data into the enterprise GIS. This engagement is conducted as a 5-day onsite exercise to facilitate installation and configuration of GeoEvent Server, demonstration of capability through configuration of existing (out-of-the-box) connectors with knowledge transfer on administration, connector management, and continued adoption. This service presumes an existing installation of ArcGIS Enterprise and foundational familiarity with Esri/GIS from client staff who participate. No software or licensing is included within the GISinc fee.	GEJS	Each	2.00%
Esri Utility Network Jumpstart (Water)	The Utility Network (UN) Jumpstart is an ideal way to initiate the transition toward the new Esri data model for water utilities. The UN Jumpstart is comprised of a preliminary remote discovery session to explore existing and required architecture as well as an orientation to the current data inventory and structure, which provides the context to plan for the migration. Subsequently, GISinc will conduct the core Jumpstart through a 5-day onsite exercise to target a single functioning utility network for the water system with data loaded to demonstrate process and capabilities to a targeted audience of users. GISinc will review errors and make recommendations, but the Jumpstart will not include data creation, cleanup, or manipulation beyond the initial data load. The onsite will conclude with base rule and network behavior configuration and knowledge transfer. This service presumes foundational familiarity with Esri/GIS from client staff who participate. No software or licensing is included within the GISinc fee.	UNJS-W	Each	2.00%
Esri Utility Network Readiness Assessment	The Esri Utility Network (UN) represents a significant and powerful deviation from legacy data models and associated constructs (e.g., Geometric Network) that offers new configuration, rules, behaviors, and analytics. The GISinc UN Readiness Assessment is designed to help organizations understand how the current data, model, processes, SOPs, and governance are positioned for adoption. GISinc will evaluate the data and conduct a 2-day onsite exercise to facilitate discussions with stakeholders to understand functional adoption and strategy. The deliverable from this engagement will be an implementation roadmap that includes a concise document that captures conversations, observations, and recommendations that outline a path toward migration to the Utility Network. This is a review and planning engagement and will not include activity related to migration. No software or licensing is included within the GISinc fee.	UNRA	Each	2.00%
Esri Utility Network Readiness Assessment - Data Only	The Esri Utility Network (UN) represents a significant and powerful deviation from legacy data models and associated constructs (e.g., Geometric Network) that offers new configuration, rules, behaviors, and analytics. The GISinc UN Readiness Assessment - Data Only services is designed to help organizations understand how the current data and data model are positioned for adoption. GISinc will evaluate the data structure, quality, integrity, and configured behaviors to make observations that feed into a concise narrative outlining the identified prerequisite steps to a UN migration from a data perspective. This is a review and planning engagement (performed remotely) and will not include activity related to migration. No software or licensing is included within the GISinc fee.	UNRA-DO	Each	2.00%
Cityworks Jumpstart	The Cityworks Jumpstart is designed as a lean implementation of Cityworks to help an organization quickly gain access to the software and begin incorporating capability into business process. This engagement includes limited work activity and organization configuration, testing, initial knowledge transfer. This services presumes an existing implementation of the requisite Esri software and available supporting GIS data. No software or licensing is included in the GISinc fee.	CWJS	Each	2.00%
GISinc Server Monitor (1 Server)	The GISinc Server Monitor implementation is a service that focuses on configuring scripts, an Esri Operations Dashboard, and notifications/alerts related to designated server and GIS Service performance. This is a lightweight, configuration based approach that leverages solutions within the Esri Platform rather than introducing a new application. The proposed engagement includes configuring the scripts and Dashboard to monitor one (1) server.	SM1	Each	2.00%
GISinc Server Monitor (2 Servers)	The GISinc Server Monitor implementation is a service that focuses on configuring scripts, an Esri Operations Dashboard, and notifications/alerts related to designated server and GIS Service performance. This is a lightweight, configuration based approach that leverages solutions within the Esri Platform rather than introducing a new application. The proposed engagement includes configuring the scripts and Dashboard to monitor two (2) servers.	SM2	Each	2.00%
GISinc Server Monitor (3 Servers)	The GISinc Server Monitor implementation is a service that focuses on configuring scripts, an Esri Operations Dashboard, and notifications/alerts related to designated server and GIS Service performance. This is a lightweight, configuration based approach that leverages solutions within the Esri Platform rather than introducing a new application. The proposed engagement includes configuring the scripts and Dashboard to monitor three (3) servers.	SM3	Each	2.00%
GISinc Server Monitor (5 Servers)	The GISinc Server Monitor implementation is a service that focuses on configuring scripts, an Esri Operations Dashboard, and notifications/alerts related to designated server and GIS Service performance. This is a lightweight, configuration based approach that leverages solutions within the Esri Platform rather than introducing a new application. The proposed engagement includes configuring the scripts and Dashboard to monitor five (5) servers.	SM5	Each	2.00%

Prepaid Support Block (30-Hours) - Standard	The Standard Prepaid Support Block allows clients to leverage a discounted rate to access the GISinc technical team for on demand support of GIS and location technology-centric tasking or solutions, including such things as design, installation, configuration, administration, support, troubleshooting, knowledge transfer, and documentation. This Standard Prepaid block is skewed toward Staff level resources, with limited access to Senior resources, and includes up to 30 hours of support within 12-months of procurement.	STD-PPD-30	Each	2.50%
Prepaid Support Block (60-Hours) - Standard	The Standard Prepaid Support Block allows clients to leverage a discounted rate to access the GISinc technical team for on demand support of GIS and location technology-centric tasking or solutions, including such things as design, installation, configuration, administration, support, troubleshooting, knowledge transfer, and documentation. This Standard Prepaid block is skewed toward Staff level resources, with limited access to Senior resources, and includes up to 60 hours of support within 12-months of procurement.	STD-PPD-60	Each	2.50%
Prepaid Support Block (94.5 Hours) - Standard	The Standard Prepaid Support Block allows clients to leverage a discounted rate to access the GISinc technical team for on demand support of GIS and location technology-centric tasking or solutions, including such things as design, installation, configuration, administration, support, troubleshooting, knowledge transfer, and documentation. This Standard Prepaid block is skewed toward Staff level resources, with limited access to Senior resources, and includes up to 94.5 hours of support within 12-months of procurement.	STD-PPD-94	Each	6.70%
Prepaid Support Block (198 Hours) - Standard	The Standard Prepaid Support Block allows clients to leverage a discounted rate to access the GISinc technical team for on demand support of GIS and location technology-centric tasking or solutions, including such things as design, installation, configuration, administration, support, troubleshooting, knowledge transfer, and documentation. This Standard Prepaid block is skewed toward Staff level resources, with limited access to Senior resources, and includes up to 198 hours of support within 12-months of procurement.	STD-PPD-198	Each	11.40%
Prepaid Support Block (28-Hours) - Senior	The Senior Prepaid Support Block allows clients to leverage a discounted rate to access the GISinc technical team for on demand support of GIS and location technology centric tasking or solutions, including such things as design, installation, configuration, administration, support, troubleshooting, knowledge transfer, and documentation. This Standard Prepaid block offers increased access to Senior resources, but also includes a blend of Staff level resources, and provides up to 28 hours of support within 12-months of procurement.	SR-PPD-28	Each	3.30%
Prepaid Support Block (56-Hours) - Senior	The Senior Prepaid Support Block allows clients to leverage a discounted rate to access the GISinc technical team for on demand support of GIS and location technology centric tasking or solutions, including such things as design, installation, configuration, administration, support, troubleshooting, knowledge transfer, and documentation. This Standard Prepaid block offers increased access to Senior resources, but also includes a blend of Staff level resources, and provides up to 56 hours of support within 12-months of procurement.	SR-PPD-56	Each	3.30%
Prepaid Support Block (87 Hours) - Senior	The Senior Prepaid Support Block allows clients to leverage a discounted rate to access the GISinc technical team for on demand support of GIS and location technology centric tasking or solutions, including such things as design, installation, configuration, administration, support, troubleshooting, knowledge transfer, and documentation. This Standard Prepaid block offers increased access to Senior resources, but also includes a blend of Staff level resources, and provides up to 87 hours of support within 12-months of procurement.	SR-PPD-87	Each	6.60%
Prepaid Support Block (180 Hours) - Senior	The Senior Prepaid Support Block allows clients to leverage a discounted rate to access the GISinc technical team for on demand support of GIS and location technology centric tasking or solutions, including such things as design, installation, configuration, administration, support, troubleshooting, knowledge transfer, and documentation. This Standard Prepaid block offers increased access to Senior resources, but also includes a blend of Staff level resources, and provides up to 180 hours of support within 12-months of procurement.	SR-PPD-180	Each	9.70%