

# Jefferson Parish

## IT Support Services & Supplemental Staffing for the Departments of EIS and Telecommunications

**RFP 0464**

**Due August 25, 2023**

**TECHNICAL PROPOSAL**

**Proposal Submitted by:**

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## A. COVER LETTER

August 25, 2023

Shanna Folse  
Jefferson Parish  
Dept of Purchasing  
200 Derbigny Street, Suite 4400  
Gretna, LA 70053

Dear Shanna,

Axim Geospatial, LLC, an NV5 Company, (Axim) is pleased to submit our proposal to provide IT Support Services to Jefferson Parish EIS. For over 31 years, Axim's core business has been location technology. We are the largest singular provider of end-to-end geospatial services and solutions in the U.S. serving the communities in which we live.

While we can provide full or part time staff augmentation services to your GIS team, we envision engaging as your long-term partner to provide reach back support, consulting, and execution on GIS and GIS integration projects.

### Why Select the Axim Team?

- **Our approach will meet and exceed your needs**, with advanced quality control procedures and our emphasis on education and knowledge transfer to ensure success. Axim is known for helping clients leverage the most value from their system to meet both short-term and long-term goals and budgets.
- **Personalized Service** – Axim is known for our unmatched, personalized level of service across the country. We take an adaptive approach and understand the importance of your objectives. By working closely together, we will turn this project into a success story for the Parish.
- **Premier GIS Service Provider** – Axim, now 1300 geospatial professionals strong, has been providing premier GIS services for over 30 years. Unlike many firms, our core business is everything geospatial. We are the only firm to hold Platinum Partner status with both Esri and Cityworks, proving our commitment and focus to both GIS and GIS centric asset management software.
- **Environmental Science Services, Inc (Es<sup>2</sup>)** will be a valued member of our team. Axim and (Es<sup>2</sup>) have partnered on several Louisiana based GIS projects since 2018 and will be a valuable local addition to our team of GIS professionals for Jefferson Parish.

Please contact me if you would like additional information. We look forward to your favorable review of our proposal and to working together for the successful accomplishment of this project.

Sincerely,

*Kent Blanchard*

Kent Blanchard  
Vice President, Contracts & Legal, Axim Geospatial  
[kent.blanchard@aximgeo.com](mailto:kent.blanchard@aximgeo.com)

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## C. TECHNICAL PROPOSAL ELEMENTS

Axim Geospatial, LLC, an NV5 Company (Axim), is submitting this proposal to provide IT support, maintenance, and enhancement, with ***specific and focused support for the GIS scope of services.***

Axim has been providing comprehensive GIS Data services as a Prime Contractor to state, local, and federal government agencies for over 30 years. As an NV5 company, Axim has 1300+ US-based geospatial staff and we have completed over 10,000 geospatial projects, including mapping projects on all seven continents. As one of only 17 Esri Platinum Business Partners in the world, Axim has access to content and resources that allow us to provide services that help take even the most established and successful GIS programs to a new and premier level.

As a full-service GIS consulting firm, Axim has extensive experience supporting the full enterprise GIS lifecycle, to include design, deployment, configuration, administration, data collection/ingestions, automation, documentation, operationalization, analysis and visualization, application/integration development, and full enterprise program management. Intuitively, as an Esri Platinum Partner, our services center on the ArcGIS Enterprise stack and related solution platforms. Axim has deployed and supported nearly every product Esri offers and our team of geospatial developers have worked with all available Esri application programming interfaces (APIs) and software development kits (SDKs) to create client solutions targeting desktop, web, and mobile users (both responsive and native).

### Understanding of the Project

Axim understands that Jefferson Parish has a diverse technology landscape to support organizational business objects. As part of this RFP, the Parish is seeking qualified vendors who can effectively support the ArcGIS Enterprise environment deployed atop an underlying Oracle geodatabase, which hosts authoritative enterprise data. The Parish strives to maintain an Esri implementation environment against contemporary versions to ensure performance, scalability, and stability while seamlessly supporting operational needs. Supporting the GIS environment and the associated suite of solutions and integrations requires collaboration with a range of resources, including both Parish staff and contractors.

The scope of GIS services represented in the RFP is, at this point, intentionally high-level and without a specific technical, functional, or operational request to accommodate the option for broad programmatic support. Accordingly, the approach we outline in the pages that follow speak to our experience and patterns of support and implementation. As task orders are released by the Parish, Axim will develop and present a technical scope and approach tailored to the request with a corresponding schedule and outline of requirements and dependencies to ensure clear and shared expectations.

Innovative concepts are discussed further in Section E.

## D. PROPOSER QUALIFICATIONS AND EXPERIENCE

Axim is a full spectrum, location technology professional services company. We provide our clients with support over the entire lifecycle of a GIS program, encompassing every functional aspect and technology element available in the Esri software stack, as well as data acquisition through imagery, lidar, field survey, and digital conversion along with the associated analytical and derivative data services. Our current portfolio of active client engagements demonstrates the spectrum of support and services we offer ranging from organizational discoveries and strategic guidance to architecture review and capacity planning to enterprise system implementations, maintenance and sustainment, platform configuration and functional operationalization to custom application and integration development and all associated administration, documentation, and training.

Among the key strengths we offer to our clients is the immense power of team. As a company with an intense focus on and commitment to delivering location technology services, we bring a collective depth and breadth of experience that has successfully served local government agencies in all 50 states. The Axim team consists of highly experienced, educated, and certified professionals known for thought leadership and mission critical thinking in the fields of geography, planning, and information technology.

**Axim is one of only 17 Esri Platinum Partner firms.** Less than 1% of Esri partners worldwide have achieved this highest tier of distinction. We have been an Esri Business Partner for 30 years and our State and Local Government business unit is closely aligned with their vision and initiatives. In addition, Axim has achieved Esri specialty status for several solutions and Esri product areas:



State and Local  
Government  
Specialty

***Esri State and Local Government Specialty.*** This specialty is awarded to partners that specialize in, and have a substantial track record of success with, development and configuration of ready-to-use solutions for local and state government clients.



ArcGIS System Ready  
Specialty

***ArcGIS System Ready.*** Awarded to partners that adopt the latest Esri technology, migrate offerings in a repeatable practice, and have a well-trained staff to support the latest Esri software releases.



ArcGIS Online  
Specialty

***ArcGIS Online.*** A cloud-based mapping and analysis solution. Axim is helping local governments make maps, analyze data and to share and collaborate.



Indoor GIS  
Specialty

***ArcGIS Indoors.*** An indoor mapping system connecting workspaces with employees and visitors.



ArcGIS Cloud Services  
Specialty

***ArcGIS Cloud Services.*** With the maturity of business systems comes a need for flexible and agile cloud environments and hybrid environments for business continuity and resiliency.



ArcGIS Hub  
Specialty

***ArcGIS HUB.*** A community engagement platform that organizes people, data, and tools through information driven initiatives.



Network Management  
Specialty

***ArcGIS Network Management Specialty.*** GIS based network management for utilities, provides more functionality, added flexibility and advanced access to data. Axim is the first Esri partner to receive the Network Management Specialty designation for water utilities.

Our Esri Platinum Partnership provides significant benefits for our clients, including enhanced professional services and industry knowledge. Axim is the only the Esri Partner to participate in both the Partner Advisory Committee (PAC) and Chief Technology Officer (CTO) Council, allowing us unparalleled representation for our clients and an opportunity to influence the trajectory of the various technology stacks. And, through this partnership, we gain access to early insights that allow Axim to position our clients for advances that may not yet be formally released. Additionally, we have access to escalated support, which we may leverage to address or prioritize the most challenging client issues.

### ArcGIS Enterprise Support

Axim has been providing enterprise GIS configuration and support services for over three decades. Our team has long served a role in guiding technical infrastructure designs and system architecture plans to support ArcGIS Enterprise implementations according to the business and functional requirements of our customers.

We understand best practices and simultaneously recognize pragmatic constraints (e.g., technical, budgetary, staffing), which we look to balance through education, adaptation, and design. Axim has crafted enterprise GIS architecture designs (both on-premise and cloud-based) and corresponding deployment pattern recommendations ranging from simple and consolidated to complex, fault tolerant systems for clients that include small local governments to Fortune 500 companies to Federal government agencies.

Establishing the appropriate foundational architecture is central to the success of an enterprise GIS program, inspiring user confidence and adoption through performance and reliability. Implementing the Esri stack against the established technology backbone is an area Axim brings an equal enthusiasm and skill. Our team is fluent in implementing all components of the Esri Platform, from the ground up or through migration of previous versions. We have hundreds of successful engagements across the country that have not only yielded efficiencies, but also solutions to many of the technical nuances that can impact organizations. And, following implementation, our services transition to operational sustainment, which ranges for the day-to-day to the periodic/recurring and event driven maintenance, such as version upgrades.

Ultimately, enterprise GIS is a mechanism to deliver information to those who need it, when they need it, where they need it, and how they need it by leveraging the full capacity of ArcGIS Enterprise stack and extending to ArcGIS Online, where desired. Axim brings an approach toward content and information product delivery that is centered on a *configuration first* philosophy, which minimizes both initial investment and ongoing administrative overhead. Axim offers a diverse perspective and capability toward configuration and delivery that takes advantage of the capabilities of ArcGIS Enterprise along with other elements of the Esri platform to target novice and sophisticated users alike, office and mobile staff, and public or private information. The approach can be simple and singular or a complex puzzling of multiple solutions, but in the end, through configuration alone we have empowered many client organizations to success. A sample listing of clients we have provided enterprise configuration and support for is shown below:

- North Central Texas Council of Governments
- Gwinnett County, GA
- City of Belmont, CA
- City of Austin, TX
- City of Westminster, CO
- Columbus Water Works, GA
- San Francisco Public Utilities Commission, CA
- City of Pflugerville, TX
- San Antonio Water System, TX
- City of Sheboygan, WI
- Roanoke County, VA
- Massachusetts Port Authority
- City of San Mateo, CA
- Aqua Water Supply Corporation, TX
- Opelika Water Utilities, AL
- Austin Water, TX

When configuration alone is not sufficient to achieve the desired functionality, Axim has decades of experience with custom application development, which again spans local government, private sector, and Federal agencies. We have the experience to design, develop, deploy, document, train, and maintain custom solutions across diverse languages and APIs/SDKs. Axim has created robust front-end interfaces to support tailored user experiences as well as sophisticated back-end services and integrations. Our approach is intended to streamline process, create operational functionality, and optimize enterprise capability.

### **Enterprise Integrations**

The true power of an enterprise system is the ability to communicate with other systems to share and receive data to create a consolidated and cohesive platform through which organizations can visualize aggregated data, establish accessible solutions for staff/citizens, and gain new insights. Given that the vast majority of data owned and maintained by local governments has an inherently spatial component, GIS has emerged as a hub technology to support enterprise integrations. Efficient data ingestion,



transformation, and publication offers users an intuitive and visual form. Axim has developed countless integrations between GIS and third-party platforms ranging from commercial products to local/nice solutions to home-grown applications. Our approach is synergistic and collaborative, involving direct interaction with the software vendors whenever possible, which supports optimized designs.

We typically initiate the process with what we refer to as a Discovery Workshop, which can be as simple as a few virtual discussions to gather requirements or an immersive, multi-day, onsite exercise involving interviews and brainstorming sessions with stakeholders. We look to understand the context or business objective as well as the technical and functional requirements. As appropriate, we shape and guide the design to a mutually agreed upon solution.

Among the critical and influential technical elements are:

- Focal data elements – source and destination system fields/values affected
- Directionality – unidirectional push/pull, bidirectional flow, etc.
- Trigger events – creation, modification, deletion, etc.
- Frequency – periodic, near real-time, real-time, etc.
- Mechanism – APIs, database views, monitoring services, transient flat files, etc.
- Technology – services, database procedures, etc.
- Business logic – raw data movement, logical transformations, etc.
- UI/UX – user interface/user experience for any front-end integrations

### **Enterprise Asset Management**

A growing example of enterprise integrations with GIS is enterprise asset management, wherein organization across the country are striving to create a seamless solution that leverages the power of location to manage, visualize, plan, and analyze work activities. Almost all assets have an explicit location (mostly static, but some are dynamic), which can be used to understand *where* the work needs to be performed relative to *where* staff are deployed, and the resulting activities can be used to assess *where* patterns emerge to target operational attention or investment. Such questions about *where* beg for a location centric approach and the incorporation of GIS. Axim has long recognized that relationship and the synergy between asset management and GIS, which is why we partnered with Cityworks, an industry leader in GIS-centric asset management software. Much like our partnership with Esri, Axim is also a Platinum Implementation Partner for Cityworks, making us the only vendor to hold platinum partnerships with both enterprise platforms. Axim has recently supported Lafayette Utilities Systems, LA, the City of Youngsville, LA, and Jackson, MS with enterprise asset management support (Cityworks) and several other water utilities and local governments nearby in Texas.

We have supported an international client base through our Cityworks services, including small and large local governments, energy companies, and airports, including the busiest airport in the world (Hartsfield-Jackson Atlanta International Airport). In doing so, we have established a repeatable pattern for implementations that scales to each customer, designed to capture and encode local workflows and institutional information. We approach the implementation with the intent to not only document current workflows, but to also work with clients to optimize them within the context of Cityworks functionality and capabilities. Likewise, we endeavor to orient client staff to the software from an administrative perspective such that ongoing, day-to-day support can be performed independent of a contractor, unless organizational preference or capacity dictates otherwise, in which case we offer a range of optional support services.

## Project References

In the tables below Axim presents four project references to demonstrate our experience successfully delivering GIS services similar in size and scope to the requested services at Jefferson Parish.

Project 1 –Esri ArcGIS Platform Support Services, East Baton Rouge Parish, LA	
Client Info	Description of Services Provided
East Baton Rouge Parish 222 St. Louis Street B-2 Baton Rouge, LA 70802  <b>Point of Contact:</b> Eric Romero Dir of Information Services 225.389.3070 <a href="mailto:eromero@brla.gov">eromero@brla.gov</a>	Axim first began working with East Baton Rouge Parish in 2019 when we were selected to perform a health check assessment of the Parish’s GIS and recommendations for the future. Since that time, we have worked with the Parish to provide additional GIS support services including a Pavement Rating Application and ArcGIS Enterprise upgrade support. Axim continues to provide ad-hoc and supplemental support to the East Baton Rouge Parish GIS team.  <b>Dates:</b> March 2019 – Present <b>Cost:</b> \$88,000 (cumulative since 2019)

Project 2 –Asset Management System Design, Lafayette Utilities System (LUS)	
Client Info	Description of Services Provided
Lafayette Utilities System 121 Bowers Rd Lafayette, LA 70583  <b>Point of Contact:</b> Mark Johnson Systems Analyst 337.291.5808 <a href="mailto:Mjohnson@lus.org">Mjohnson@lus.org</a>	Lafayette Utilities was looking to expand their existing Cityworks system with an implementation of Cityworks Storeroom. Axim conducted a discovery workshop for inventory management to help define project requirements, timeline, and budget. Upon completion of the 3-day discovery session, Axim delivered a Cityworks Storeroom design document that included a summary of findings, integration requirements, integration design strategies and technical components, recommendations on prioritization and sequencing, and budgetary pricing information. Axim was recently awarded a support contract to assist LUS Fiber for a field to dashboard data flow for tracking Fiber expansion from Lafayette, LA to Ville Platte, LA.  <b>Dates:</b> June – Sept 2022 <b>Cost:</b> \$26,975 (this project)

Project 3 –Esri ArcGIS Utilities Network Implementation, Austin Water	
Client Info	Description of Services Provided
Austin Water 625 E 10 <sup>th</sup> St Austin, TX 78701  <b>Point of Contact:</b> Jeremy Read IT Manager 512.972.0189 <a href="mailto:Jeremy.read@austintexas.gov">Jeremy.read@austintexas.gov</a>	Axim performed assessment of Austin Water’s existing data and data model, requirements gathering, and redesign of the data model. Requirements were then built into an initial Utility Network geodatabase design using Esri’s water domain asset package as a foundation. Axim finalized an implementation describing the database design, migration tools, architecture, and integration considerations.  Axim continues to support Austin Water with implementation of the three systems in preparation for full production UN release and retirement of SSP Sync in 2023.  <b>Dates:</b> July 2018 – Present <b>Cost:</b> \$562,000 (cumulative since 2018)



Project 4 –Cityworks AMS & PLL Implementation, City of Pflugerville	
Client Info	Description of Services Provided
City of Pflugerville 100 E Main St Pflugerville, TX 78691  <b>Point of Contact:</b> Sven Griffin GIS Coordinator 512.990.6311 <a href="mailto:sveng@pflugervilletx.gov">sveng@pflugervilletx.gov</a>	In 2019 Axim was selected to complete a Cityworks Asset Management System jumpstart for the Utilities and Parks Departments, designed to get the City up and running with the Cityworks system quickly. In 2022 Axim was again selected by the City to perform implementation of the Cityworks Permits, Licensing, and Land (PLL) system. Work involved data migration, configuration and testing of the environment, end-user and administrator training, go-live support, and CSR integration for citizen engagement.  <b>Dates:</b> Dec 2019 – Present <b>Cost:</b> \$650,000 (cumulative since 2019)

## The Axim Team

As referenced above, as an NV5 company, Axim draws upon the collective experience of 1300+ professionals focused on delivering geospatial services and solutions. The resulting depth and breadth of the Axim team brings exceptional value to our clients, allowing us to support the diverse operational needs of an enterprise GIS program by identifying and assigning staff based on alignment with the technical, thematic, or domain requirements of the task. For Jefferson Parish, we have identified a core team based on the anticipated nature of potential tasking, but we will collaborate with the Parish to assign alternate staff if the tasking deviates from our expectations.

Additionally, Axim will be supported by one subcontractor, Environmental Science Services, Inc. (Es<sup>2</sup>). Established in 1996 and located in Denham Springs, Louisiana, Es<sup>2</sup> is an 8(a) certified, registered engineering firm (LA, TX, MS, FL) focused on leading-edge geospatial services in GIS, Unmanned Aerial Systems, and field data collection. Es<sup>2</sup> holds several Esri specialty designations including ArcGIS System Ready, Federal Small Business and State and Local Government.



Axim and Es<sup>2</sup> have partnered together to deliver services to other clients, including clients in the immediate region and have found a strong synergy between our respective company philosophies and technical capabilities.

Resumes for the proposed key personnel can be found in Appendix A.

## E. INNOVATIVE CONCEPTS

Unlike many Architecture and Engineering or IT firms, geospatial services are not a service offering, but a significant priority of the NV5 corporate mission. Axim is part of the largest geospatial services organization in the world. Through this focus, we bring a location technology expertise to our clients that is not diminished and peripheral, but central to what we do. Our team is designed to help organizations maximize the investment in GIS to achieve functional objectives and streamline business operations, and we are constantly seeking new ways to leverage technology advancements to achieve that optimization.

### **FME Partnership**

FME is a proven technology platform that has been around for years and most recognized as a data translation engine used to create ETL (extract, transform, and load) processes to facilitate data migration initiatives. As a partner with Safe Software, Axim certainly has experience using FME for this purpose, which continues to offer exceptional power and efficiency, but we have extended the application to include dynamic automations and enterprise system integrations. We have incorporated FME into processes that underlie many of our client services, but we have also developed, deployed, and supported FME based automations for our clients. Integrations designed to move data between third-party systems and GIS, from GIS into Cityworks, such as 311 functionality, and so much more. These are examples of taking an established technology and applying it to business challenges in creative and innovative ways.



### **Indoors**

Location technology has increasingly been expanding from traditional outdoors workflows to indoors and hybrid systems designed to create seamless data and seamless experiences that support contemporary workflows. Axim has been at the forefront of this initiative for several years, starting with a technology platform we innovated and continuing through our partnership with Esri and the Indoors technology initiative, which continues to mature rapidly. Axim has established processes and services to acquire indoor data and map facilities and assets using mobile lidar and derivative methods. Additionally, we have demonstrated experience translating data into the Indoors model to accommodate everything from query to interior navigation and monitoring. Increasingly local governments are looking toward the value of such functionality for everything from asset management to citizen services.

### **Geospatial Cloud Services**

As was the case with FME, cloud services are long-established and frequently expectations within contemporary deployments. Axim, however, has adapted and adopted a pattern of what we refer to as Geospatial Cloud Services that enhances flexibility and can be tailored to each client based on the degree of complexity of sophistication desired, from simple, consolidated deployments to robust, multi-tiered, fault tolerant designs. As appropriate to scale, we leverage infrastructure-as-code to automate deployments to ensure efficiency and repeatability, among other benefits. We have also directly incorporated the Esri stack into our own processes, with interfaces, dashboards, and tools designed to enhance transparency and reportability while simultaneously improving clarity and accountability for our technical staff. We continue to consider innovations and discuss ideas through a recurring internal cloud services forum.

## **F. PROJECT SCHEDULE**

The Axim project management approach includes people, processes, and technology designed to ensure our customers receive outstanding value. Over the years, Axim has established an approach to project execution that has proven successful across a broad spectrum of project types and has resulted in repeatedly favorable feedback and consistently long-lasting client relationships. The approach is simple, but effective and is based on managing projects according to five (5) key phases with constant communication throughout.

### **Planning & Analysis Phase**

The Planning & Analysis Phase represents the initiation of project lifecycle. This phase is communication centric, starting with the project kickoff meeting and continuing through to project acceptance and closure.

- **Project Kickoff Meeting.** Axim will schedule a kickoff meeting with the Parish, during which we will introduce the respective teams, review scope, and discuss project logistics, to include identifying the initial tasks, validating billing procedures, and establishing an overarching communication plan. During the kickoff meeting we will also set a schedule for a project status meeting (typically bi-weekly). We will also launch internal project controls to manage the project budget and schedule throughout the period of execution.
- **Status Meetings.** The bi-weekly (every 2-weeks) project status meeting schedule established during the kickoff meeting will be used to identify upcoming tasks, review decision points, and discuss overall status/progress of the project. As part of each project review meeting, Axim will send the Parish a current status report document that includes information on schedule and budget progress, tasks completed, upcoming milestones, and more. We will use the project review meeting to walk through the report and look ahead to identify potential dependencies or project risks and associated mitigation procedures.
- **Budget & Schedule.** Axim will build a project schedule prior to initiating work, the format and detail of which is scaled to the magnitude of the project at hand. Each task is assigned a level of effort, budget, and date of completion. Project execution information is tracked within Unanet, the Axim financial package, and will be used throughout the project to document progress at a task level. The billing process varies based on the type of project (firm-fixed or time and materials).
- **Closure Process.** Upon completion of work, Axim will review the final status and send the Parish an email requesting confirmation that the project is complete and that the deliverables satisfied the full scope. We do not consider a project closed until this confirmation is received, at which point we will send the Parish a brief survey for feedback on the experience to guide continuous improvements in our delivery.

### Design Phase

The Design Phase is where we focus on establishing the background context that will drive the project forward. Design is a critical step, during which Axim will work with the Parish on relevant considerations such as system architecture, configuration requirements, and functional requirements for implementations, upgrades, applications, integrations, and automations along with compiling or creating all associated documentation, which will be reviewed and approved by Parish staff. The specific approach to gather requirements will be tailored to the project to ensure the most cost effective but productive and accurate result, which may include phone discussions, demonstrations, workshops, or even onsite interviews and working sessions.

### Development Phase

Not all projects represent traditional development efforts, but this phase refers more generally to the primary or core tasking, where the product(s) detailed within the Design Phase comes to life. Development can also be considered a reference to the environment, since much of the work completed within this phase would be carried out in a lower tier separated (ideally) from any production system to mitigate the potential for end user disruption. The documentation refined within the Design Phase will guide the work completed in the Development Phase and, upon completion, this phase will result in a product ready for client and user testing.

### Testing Phase

The Testing Phase centers on Parish review and approval of the target product or system prior to planning the implementation into the production environment. The user acceptance testing process is a

collaborative effort between Axim and the Parish, wherein we perform initial reviews/testing and provide the necessary documentation or training to allow Parish staff to evaluate the deliverable(s) against the requirements. Feedback provided by the Parish will be tracked by Axim staff within our issue tracking system (Jira), where each report will be evaluated, and the appropriate action determined to obtain satisfactory resolution. Jira will be used to report and communicate the status of all incidents and any actions taken or required. This may result in an iterative process until the Parish deems the product or system acceptable and approves the release to production.

### Implementation Phase

The final phase of any project is the implementation of the product or system into the production environment. In some cases, certain aspects or tasks of the Development Phase may be repeated in order to construct the necessary target environment, but much of the core effort of deployment will be specific to the system or product(s) being released. Depending on the nature of the individual project, a key part of the Implementation Phase may be a more formalized training for users, be that administrators, end users or both. The degree of ongoing, or post implementation, support will vary by project and will be determined collectively by the Axim and Jefferson Parish project team.

### Project Schedule

As referenced in the Planning & Analysis phase description above, Axim develops a project plan for each engagement, from which a schedule is derived and shared across the project team to set collective expectations. The schedule is collaboratively defined and informed by availability both within Axim and for the Parish to ensure that is realistic and reasonable. As such, a project schedule will be drafted as we respond to each GIS task order and finalized during the project initiation activities following award.

## G. FINANCIAL PROFILE

Axim Geospatial, LLC started in 1999, and is headquartered in Sun Prairie, WI. With over 20 years of business experience, Axim has the financial stability and extensive resources necessary to ensure that the client's goals for this project will be successfully accomplished.

**Axim's credit rating and excellent record of performance can be verified by our Dun and Bradstreet Listing (DUNS #104640516) and vendor references listed below. Axim has an active registration with SAM.gov.**

*At the time of contract selection, Axim Geospatial can provide additional financial documentation certified by our Vice President, Corporate Controller, a certified public accountant. As a non-public firm, we request that you understand and preserve the confidentiality of our financial data.*

#### Bank Reference:

Eagle Bank  
 Betty Young  
 Officer, C&I Portfolio Administrator  
 8245 Boone Boulevard, Suite 820  
 Tysons Corner, VA 22182  
 Office: 571-319-4822

#### Vendor Reference:

Pileum Corporation  
 PO Box 3488, Dept. 05-081  
 Tupelo, MS 38803-3488  
 (601) 352-2120

## H. TRANSITION PLAN

The Axim project manager, Stephen Strain, will be responsible for leading our transition approach. Stephen will initiate and schedule meetings with Jefferson Parish to ensure understanding of project requirements and priorities. The following table outlines our high-level approach to transitioning into engagements.

Step	Summary of Work Transition-In Steps
1	Receive Award
2	Execute contractual documents, as appropriate.
3	Complete individual project orientation in kick-off meeting
4	Identify relevant work in progress and project artifacts
5	Review all open actions, risks, project commitments
6	Obtain and confirm access to Jefferson Parish systems and validate accounts for project specific locations and corresponding structure for all repositories required for the project
7	Perform project-level onboarding, as appropriately designed/scaled to the task
8	Begin execution of work tasks and incumbent shadowing (if necessary) to achieve full knowledge transfer
9	Assume full operational responsibility

Axim has a long history of transitioning into client support services, highlighted by our Federal work and the fluid contracting landscape, but also prevalent in local government as a result of both staff and contractor departures. We understand the need for operational continuity and seamlessness to maintain end user functionality and confidence. Where appropriate (typically when contracts are transitioned between vendors), we consider an incumbent capture strategy to retain key staff already familiar with the project and technology landscape. This strategy is highly effective, but not required for our success and is only pursued with guidance and approval from the client, in this case Jefferson Parish. If a task order targets continuation of an ongoing project with transition to Axim, we will work with the Parish to identify and finalize the specific transition plan.

## **APPENDIX A - RESUMES**



# C. Michael Parma, GISP

## Senior Solutions Architect

Michael Parma provides technical oversight and vision for the project. He is a Certified GIS Professional (GISP) with over ten years of experience in GIS for public utilities. As Senior Solutions Architect, Mr. Parma leads Axim's ArcGIS Utility Network initiative, and brings extensive experience having managed Utility Network transition and planning projects for Austin Water, Opelika, and Aqua Water Supply Corporation. Further examples of his project experience are shown below.

### Axim Geospatial, March 2012 - Present

#### San Antonio Water System (San Antonio, Texas)

- ArcGIS Utility Network Readiness Assessment for water, stormwater, and reclaimed water systems
- Implementation of ArcGIS Enterprise and migration of production environment; EOC Dashboards (Infor IPS workorders); Portal for ArcGIS and Insights for ArcGIS; GeoTab/GoFleet AVL and GeoEvent Server
- Automation of key data to support workflows

#### City of Austin, Austin Watershed Protection (Austin, Texas)

- Design and implementation to ArcGIS Utility Network for stormwater system
- Discovery Workshop supporting drainage utility fee
- Watershed and impervious cover tools in support of drainage utility fee
- Cartography design and basemap publication

#### Austin Water (Austin, TX)

- Geodatabase design for Esri Utility Network Management
- Facilitate technical and business requirements workshops
- Develop implementation and integration plan
- SSP Sync implementation for water, wastewater, reclaimed systems

#### City of Houston, Utility Network Implementation (Houston, TX)

- Implementation of Esri Utility Network for Water, Wastewater, and Stormwater
- Technical vision and data assessment for ArcGIS Utility Network; consulted on industry best practices

#### Opelika Utilities (Opelika, AL)

- Implementation of ArcGIS Enterprise, Portal, and Insights
- Implementation of Esri Utility Network Management framework
- Migration of water distribution utility into LGIM
- Cloud-based ArcGIS for Server & SDE implementation w/virtual desktop connections

#### Aqua Water Supply Corporation (Bastrop, TX)

- GIS HealthCheck for enterprise organization, upgrade of GIS Enterprise platform
- Implement Esri Utility Network Management framework
- Implement Cityworks Asset Management System and integrations

### Work History

**GIS Coordinator, City of New Braunfels, TX** (Dec 2006 – Mar 2012)

**Sr. GIS Programmer / Analyst, City of San Antonio, TX** (Aug 2001 – Dec 2006)

### GIS Experience

- 21 years

### Technical Expertise

- *Esri/ArcGIS:* ArcGIS for Desktop, ArcGIS Pro, ArcGIS for Server, ArcGIS Online, ArcGIS for Water (AG4W), ArcGIS for Local Government (AG4LG), ArcGIS Extensions (Utility Network Management, Data Interoperability, Network Analyst, Spatial Analyst, 3D Analyst), ModelBuilder
- *Database:* ArcSDE, SQL Server, Geodatabase Design, Extract Translate and Load (ETL), Replication
- *Internet/Server:* ArcGIS for Server Advanced Enterprise, Portal for ArcGIS, GeoEvent Server, ArcGIS for Server Image Extension, ArcGIS Web API's (JavaScript/HTML5, WebADF) Cityworks Asset Management, Cityworks PLL, Accela Automation, Accela GIS, Windows Server

### Education

- M.S. Forestry, Northern Arizona University (2000)
- B.S. Parks & Rec. Mgmt, Northern Arizona University (1997)

### Certifications

- Certified GIS Professional
- Esri Certified ArcGIS Desktop Professional
- Esri Certified Enterprise Associate Geodatabase Mgmt

### Membership

- American Water Works Assoc.

# Andrew Baumgartner

## Solutions Architect

Andrew is a Solutions Architect with 20 years of GIS experience providing complex geospatial solution delivery, technical management, research and development, and process innovation. He specializes in process automation, GIS system integrations, and quality control. Below is a sample listing of projects that he has supported.

### Axim Geospatial, Oct 2021 - Present

#### Port of New Orleans, Cloud Migration and Managed Services

- Solutions Architect responsible for providing technical vision and oversight, implementation sequencing, and senior-level Esri expertise for the Port's Cloud Migration and Managed Services project; provides technical progress updates and facilitates technical discussions with the customer

#### Boston Water and Sewer Commission, SQL Migration and Upgrade

- Solutions Architect for the upgrade of the Esri Enterprise environment and Oracle SQL to Microsoft SQL migration project
- Provides technical guidance and oversight to client and staff resources along with procedure walk throughs and documentation
- Facilitates technical exchange between client, Axim staff and subcontractors

#### Med-Project, Data Migration and Staff Augmentation

- Solutions Architect responsible for coordination, scheduling, and technical oversight and guidance to staff resources
- Provide Client with technical guidance, expertise and direction

#### University of California San Francisco, GIS Support

- Solutions Architect responsible for providing technical oversight and workflow direction to staff resources for this project to automate batch coding of records
- Worked with University staff to provide technical guidance

### Work History

#### BAE Systems – Electronic Systems, Geospatial Products & Solutions (2006 – 2021)

##### Geospatial Solutions Engineer, May 2017 – Sept 2021

- Led Geospatial Solutions Engineering in creating new processes and services and evolving existing process flows via automation to reduce data production costs and timelines
- Provided ETLT and data conflation routines, automated data assessment processes, and automated GIS integration and QA/QC workflows
- Led several prototype efforts working closely with the customer to identify problems and provide resolution
- Ensure proper solutions scope and outcomes through requirements management and rigorous communication across functions and stakeholders (BAE Systems & NSA)
- Developed statistical analysis methods to provide customers actionable insight and recommendations for improvements of data holdings
- Developed technical approach and worked with team to identify needs for improvement as well as new technology

#### GIS Coordinator, Colliers Lanard & Axilbund (Oct 2005 – June 2006)

#### GIS Analyst/Programmer, General Dynamics Network Systems/US EPA Region 3 (Nov 2001 – Sept 2005)

#### GIS Specialist for Passaic River Coalition (August 2000 – October 2001)

### GIS Experience

- 20+ years

### Technical Expertise

- Esri ArcGIS Suite
- Production Mapping
- Defense Mapping
- Data Review
- Workflow Manager
- JavaScript API
- WebApp Builder
- Arcpy
- Python
- Jupyter Notebooks
- Safe Software FME
- FME Server
- QGIS
- Mapbox GL JS API
- Turf JS
- ESA SNAP Toolbox

### Education

- BA, Geography, Rowan University

### Certification

- Esri Certified Desktop Professional

# Thomas Wilson, GISP

## Cityworks Architect

Thomas is a Certified GIS Professional (GISP) with a primary focus on implementing Cityworks Server Asset Management Systems (AMS) and Permits, Licensing, and Land (PLL). He serves as a technical lead, responsible for planning, translating client requirements into an implementation plan, hardware/software configuration, training and support. Thomas facilitates the conversion of legacy data into Cityworks, leads the Cityworks implementations, and produces database scripts for the management of Cityworks and non-Cityworks data.

### Axim Geospatial, Nov 2014 - Present

#### City of Westminster, Cityworks AMS Implementation (Westminster, CO)

- Cityworks Architect responsible for implementation of the Cityworks AMS, testing, and end-user training
- Custom integrations of Cityworks AMS with the City's financial, fleet, pavement management, utility locates, and SCADA systems

#### Metropolitan Airports Commission (MAC), Project Title (Minneapolis, MN)

- Discovery workshop and needs assessment for Part 139 configuration in Cityworks AMS, along with follow-up system configuration

#### Greene County, Cityworks Optimization (Xenia, OH)

- Discovery for optimization of current Cityworks practices
- Currently in Phase 2, clean-up and re-configuration

#### City of Minnetonka, Cityworks Expansion (Minnetonka, MN)

- Discovery workshop for Cityworks system optimization and expansion into water utilities

#### City of North Myrtle Beach, Cityworks Expansion and Integration (SC)

- Discovery workshop for Cityworks system optimization and expansion, along with integration development

#### City of Springfield, Cityworks AMS Implementation (Springfield, IL)

- Implementation of the Cityworks Local Government Templates (LGTs)
- Created custom inspections to align with the City's work processes
- Developed SQL scripts for data import

#### City of Billings, Cityworks AMS Implementation (Billings, MT)

- Implementation of the Cityworks LGTs
- Developed SQL scripts for legacy data conversion
- Migrated inspection data from GPS collection devices into Cityworks, created inspection history using SQL scripts

#### Roanoke County, Cityworks AMS & PLL Implementation (Roanoke, VA)

- Implementation of the Cityworks LGTs
- Implementation of Cityworks Server PLL for enforcement activities
- Created custom inspections to align with the County's development regulations
- Developed extensive reporting to comply with the County's state-mandated inspection processes

### Work History

#### GIS Coordinator, Comal County, TX (2008-2014)

#### GIS Director, Brazos County Appraisal District (2004-2008)

#### GIS Analyst, Guadalupe County, TX (2004)

### GIS Experience

- 19 years

### Technical Expertise

- Server: Esri ArcGIS Server including ArcSDE, Oracle 10g, Microsoft SQL Server 2000-2014, SQL Server Integration Services, Microsoft Business Intelligence Development Studio
- Web: Esri ArcGIS Server, ArcGIS Online, Esri ArcIMS, Manifold IMS, Microsoft Visual Studio, Adobe CSx, Macromedia MX
- Mobile: Trimble Pathfinder, TerraSync
- Programming: VBScript, Python, ArcObjects, HTML, JavaScript, Visual Basic, ASP, PHP, .NET, CSS, Flex
- Desktop: Esri ArcGIS Desktop (ArcInfo Workstation, Spatial Analyst, Network Analyst, 3D Analyst, Data Interoperability, Spatial ETL, Publisher, Model Builder), Intergraph GeoMedia Professional, Manifold GIS, Cityworks AMS, Cartograph AMS/ VERSAview, Datawise Data Acquisition Software, Crystal Reports, AutoCAD 14, Windows and Linux Operating Systems

### Education

- MS, Geospatial Information Technologies, Delta State University (2014)
- BS, GIS / Cartography; Texas State University (2004)

### Certifications

- Certified GIS Professional (GISP)
- Cityworks Server AMS Administrator Training

# Jason Cosgrove

## Project Manager

Jason is a Project Manager, providing operational support throughout the project lifecycle to ensure technical resources are made available as needed and to ensure successful completion of the solution. Since joining Axim, Jason has led numerous projects for state and local agencies with a focus on client communications, contract deliverable management, project controls, and enforcement of best practice initiatives. He has accomplished Esri Application implementation projects on multiple contracts, and offers comprehensive expertise and proficiency in the latest GIS software technology. A sample of his project experience is below.

### Axim Geospatial, November 2011 – Present

#### Metropolitan Airport Commission (MAC) - Cityworks AMS Implementation, Minneapolis, MN

- Project management for a full life cycle Cityworks AMS Implementation project that included the Discovery, Design, Implementation, and Go Live support
- The project consisted of migrating the airports Part139, Airside activities to Cityworks AMS. This consisted of service request, work order, and inspection templates, asset tracking, integrations, customizations, reports, dashboards, and a data migration to Cityworks using Safe FME Server.
- Following the Phase 1 Cityworks AMS Implementation effort, subsequent Cityworks projects at MAC consisted of expanding the Cityworks platform to other departments at MAC, ArcGIS Indoors, Cityworks upgrades, and Maintenance.

#### City of Austin, TX

Project management for several initiatives with the City of Austin that includes, ArcGIS HUB Site, Python Script troubleshooting and rewrites, Cloud Migration Strategy, Open Data Integrations, ArcGIS Indoors implementation, and a migration to ArcGIS Utility Network.

#### Gwinnett County Department of Water Resources (DWR), GA

Technical Architect for the integration of DWR's custom OneView application with Lucity, a comprehensive suite of integrated COTS software solutions for Public Works that enables agencies to meet their demands for management of assets, customer requests and work orders, preventive maintenance, resources and inventory, best practices and regulatory compliance.

#### Newton County/City of Covington, GA

Technical Architect for a review of existing architecture, software, and data configurations, provide recommendations to optimize these resources, and provide technical support as requested. Tasks for this project include ArcGIS upgrades, establishing a Staging Environment, SQL Server upgrades, ArcGIS Server Security upgrades, SDE Instances optimizations, and imagery reorganization and mosaic creations.

#### Naval Construction Battalion Center (CBC) Gulfport, MS

Senior Analyst performing data edits to ensure real property and utility asset data is correctly populated to support planning, public works and emergency management decisions.

## Work History

### Volkert, Civil Drafter/GIS Specialist/Environmental Scientist, (Nov 2003 – Nov 2011)

#### GIS Experience

- 20 years

#### Technical Expertise

- Project Management
- Workflow Design
- Product Owner (Agile)
- Backlog Management
- Application Testing
- Mapping Grade and Survey Grade GPS
- ArcGIS

#### Education

- MS, Environmental Management, Samford University (2007)
- Certificate in Geographic Information Systems, Samford University (2005)
- BS, Technology, University of West Alabama (2003)

# Joan Hickey

## Solutions Engineer

Joan has over 30 years of information technology experience, including 25 years of GIS experience with land and infrastructure data, cartography, and Emergency Management. Joan specializes in database design, maintenance, and management. Below is a sample listing of projects that she has supported.

### Axim Geospatial, April 2022 – Present

#### City of Houston, Utility Network Implementation (Houston, Texas)

- Support implementation of ArcGIS Utility Network for Houston's Water and Wastewater systems
- Data migration and management

#### San Antonio Water System (San Antonio, Texas)

- ArcGIS Utility Network Readiness Assessment for water, stormwater and reclaimed water systems

#### City of Austin, Austin Watershed (Austin, Texas)

- Facilitate technical and business requirements workshop
- Ongoing design and implementation to ArcGIS Utility Network for stormwater system

#### Austin Water (Austin, Texas)

- SSP Sync support for ArcGIS Utility Network for water, wastewater and reclaimed water systems

#### Charlotte Water (Charlotte, North Carolina)

- Implementation Roadmap for ArcGIS Utility Network for stormwater system
- Ongoing design and implementation to ArcGIS Utility Network for stormwater system

#### Veolia Water North America (Nationwide)

- Assisted with ArcGIS Portal and AGOL migration for rebranding project

#### Honolulu Board of Water Supply, UN and Cloud Readiness Assessment (Honolulu, Hawaii)

- Assisted in requirements gathering and architecture review of existing system
- Helped develop a Utility Network roadmap with best practices for implementation

#### Aqua Water Supply Corporation, GIS Support Services (Bastrop, Texas)

- Solutions Engineer, assisted with a GIS HealthCheck of the enterprise organization

#### City of Galveston, TX, Utility Network Readiness Assessment (Galveston, Texas)

- Assisted in requirements gathering and architecture review of existing system

## Work History

#### GIS Applications Program Manager, Emergency Management-GIS Division, City of New York (Jan 2019 - Dec 2021)

- Upgrade and configuration of ArcGIS Server and Portal, administered ArcGIS Online and ArcGIS Portal applications
- Responsible for documentation of server architecture, processes and procedures

#### GIS Enterprise Manager, Information Technology-GIS Division, City of San Marcos (May 2014 – Sep 2018)

- Administered GIS System; coordinated all facets of GIS applications and program integration
- Designed and implemented system and database architecture, served as SQL Server Database Administrator

#### GIS Coordinator, Development Service Dept-GIS Division, City of San Marcos (Dec 1997 – May 2014)

### Experience

- 30 years

### Technical Expertise

- Esri ArcGIS Suite
- ArcGIS Server, Portal, ArcGIS Online
- SQL Server
- Oracle
- Python
- Process Automation
- System Integration
- Database Administration

### Education

- MS, Geography, Texas State University (2011)
- BS, Interior Design, University of Texas (1984)



# Haley Jurecki

## Solutions Engineer

Haley is a Solutions Engineer with experience providing GIS services for municipal and county government projects. She brings in-depth knowledge of geospatial data creation, maintenance, analysis, quality control, and technical documentation to our team. Below is a sample listing of projects she has supported.

### Axim Geospatial, May 2022 – Present

#### Sangamon Co Water Reclamation District, Cityworks Storeroom Implementation, Springfield, IL (June 2022 – September 2022)

- Configured Cityworks Storeroom plug-in in lieu of the previously used inventory management system (Llumen)
- Created & executed FME workbenches to publish data in the Cityworks Online (CWOL) Storeroom via the API
- Customized and published Storeroom reports and dashboards for all Storeroom users

#### Sierra Digital Inc. & City of Houston, Cityworks Expansion, Houston, TX (May 2022 – September 2022)

- Developed and executed workflow processes in Cityworks AMS for multiple groups within the Traffic division
- Integrated Cityworks AMS with 311 Service Request platform
- Led various virtual User Acceptance Testing sessions, incorporating user feedback into the final product
- Led a three-day on-site interactive training with new users for 100+ new Cityworks users

#### White House Utility District, Operational Insights Implementation, White House, TN (June 2022 – August 2022)

- Deployed and configured Cityworks Op Insights plug-in to identify and assess high-risks assets within the wastewater network
- Integrated data from both the GIS and the manhole inspections performed within Cityworks into asset and maintenance strategies for use in Op Insights
- Designed Op Insights dashboard to highlight results of asset calculations and identified program risks
- Provided technical documentation for reference in creating future asset calculations for additional asset types

#### City of Bozeman, Cityworks Upgrade, Bozeman, MT (May 2022)

- Assisted the GIS department in upgrading Cityworks AMS test site to 15.8

### Work History

#### GIS Technician, City of Helena (Aug 2020 - April 2022)

- Developed and maintained geographic information layers related to Public Works and transportation infrastructure operated by the City
- Administered, developed, and provided troubleshooting for the work order management system (Cityworks) across multiple divisions
- Created and maintained various dashboards and WebApps for both internal use and general public consumption

#### Field Systems Operator and Mentor, Mandli Communications (May 2019 – July 2020)

- Monitored and analyzed spatial data collection with an integration of proprietary software and ArcGIS Enterprise

#### GIS Intern, Lake Soil & Water Conservation District, Two Harbors, MN (May 2018 – Aug 2019)

### Experience

- 5 years

### Technical Expertise

- ArcMap, ArcPro, Portal, ArcGIS Online
- ArcGIS Enterprise
- Esri Dashboards
- WebApp Builder
- Microsoft SQL Server
- Python
- Cityworks
- Cityworks Plug ins (Respond, Style, Storeroom, Operational Insights, etc.)
- Cityworks APIs
- Cityworks eURLs
- FME

### Education

- BS, Geography, University of Wisconsin (2019)
- Pontificia Universidad Católica de Valparaíso, Valparaíso, Chile



# Tobey Kane-Seitz

## Solutions Engineer

Tobey is a Solutions Engineer and has over 5 years of GIS experience providing GIS solutions and support to local municipal, state, and commercial clients. She specializes in the ArcGIS Utility Network and has worked on full UN implementation projects for water, sewer, and stormwater, in addition to providing support utilizing Esri ArcGIS software and tools. A sample of her recent project experience is below.

### Axim Geospatial, Sept 2021 – Present

#### City of Houston, Utility Network Implementation – Water, Wastewater, and Stormwater (Houston, Texas)

- Data assessment, analysis, and data readiness recommendations in support of migration to the Esri Utility Network
- Data crosswalk into Utility Network schema, design and build of database, data migration, and development of Arcade-driven attribute rules

#### Austin Water (Austin, Texas)

- Upgrade support to the new version of the SSP Sync migration tool

#### Silver Lake Water and Sewer District (Silver Lake, Washington)

- Completed readiness assessments and supporting documentation to prepare for migration to the ArcGIS Utility Network

#### Mercer Island Readiness Assessment (Mercer Island, Washington)

- Completed readiness assessments and supporting documentation to prepare for migration to the ArcGIS Utility Network

#### Providence Water UN Readiness Assessment (Providence, Rhode Island)

- Completed readiness assessments and supporting documentation to prepare for migration to the ArcGIS Utility Network
- Facilitated data assessment review meetings with client and provided continued support

#### Opelika Utilities, Utility Network Implementation (Opelika, AL)

- Data collection, cleaning, and editing for migration into the Esri Utility Network
- Provided additional GIS support as needed during the transition

#### Aqua Water, Utility Network Implementation (Bastrop, TX)

- Geospatial Analyst responsible for data editing of water distribution linear assets post UN implementation
- Provided additional GIS support as needed during the transition

#### Microsoft, Campus Mapping and GIS Systems Support (WA)

- Provided data services and geodatabase development support to the Puget Sound campus

#### City of Belmont, Parcel Zoning Application Prototype (Belmont, CA)

- GIS support to include data refinement, building relationship classes, symbology, web map configuration, and publishing

#### City of West Bend, GIS Support (WI)

- GIS support for data cleaning and editing for use in additional platforms

### Work History

#### GIS Specialist, SUEZ in North America, New Rochelle and West Nyack NY (Aug 2019 – Aug 2021)

- GIS database update and maintenance; web map collecting, cleaning, and editing data; map creation; and asset tracking

#### Planning Intern, Live Work Learn Play, Montreal, Quebec (Sept – Dec 2018)

### GIS Experience

- 5years

### Technical Expertise

- Esri ArcGIS Suite
- Esri Utility Network
- Excel
- Survey 123
- Database Maintenance
- Data Analysis
- Data Editing

### Education

- BA, Geography, McGill University, Montreal Quebec (2019)
- Exchange Program, University of Copenhagen, Denmark (Feb – June 2018)

# Kevin Bupp

## Sr. Solutions Architect

Kevin has over 20 years of experience in software design/development and GIS. He is responsible for application architecture, requirements and design, and development of company best practices. He brings extensive knowledge of geospatial software, services, databases and technologies combined with the ability to apply the best tool for the job.

### Axim Geospatial, July 2012 – Present

#### Microsoft, Digital Twin Implementation (Puget Sound, WA)

- Provide vision, guidance, and support in building a geospatial foundation for a digital twin of client campuses
- Developed several Experience Builder applications to support a variety of needs and workflows to leverage Microsoft's digital twin implementation

#### Private Customer (Client & Product Protected by NDA)

- Created custom web and mobile applications that utilize the AWS environment and use microservices such as lambdas to provide responsive solutions for complex tasks such as handling big data sources for reporting and printing for multiple users simultaneously
- Delivered updated and new microservices in the AWS environment utilizing an agile process that spans multiple companies working together
- Delivered creative problem-solving skills to create faster, higher-performing and easier to maintain solutions such as:
  - Leveraging an HTML5 Canvas Layer to quickly render hundreds of millions of points in the map
  - Optimizing SQL Queries of big data to be more efficient
  - Creating a scalable reporting solution using Headless-Chrome, AWS Lambdas, Node.js, React, and Esri JS API
  - Designed and developed user-friendly tools for comparing map data side by side in 4 synchronized maps

#### Xylem (Columbia, MD)

- Working with client to extend mapping capabilities, looking to leverage Esri solutions in more areas
- Supporting a variety of custom development projects; research and prototype of desired integrations and functionality

#### PJDick, Trumbull, & Lindy (Pittsburg, PA)

- Architected, developed, and maintained a fully custom web application suite that integrated with client's Lotus Notes environment, and designed to create and deploy any number of applications ( Web App Builder or Experience Builder)
- Developed automated process to turn raw drone flight images into orthographic images hosted in ArcGIS Image Server

#### Sempre (Los Angeles, CA)

- Worked with client to deliver ASP.NET integrations with existing systems, extending functionality of existing applications.

#### USMC, Range Managers Toolkit (RMTK)/Weapons Danger Zone (WDZ)

- Designed and supported development of a method for leveraging GPUs to faster process Line of Sight view shed analysis

#### Marathon (Findlay, OH)

- Extended functionality of touch screen app designed for tough books to aid in the rapid collection of data

### Work History

**Project Manager/Sr. Software Developer, NVision Solutions, Inc. (2004 – 2012).**

### GIS Experience

- 20 years

### Technical Expertise

- GIS Software: ArcGIS Desktop/Pro, ArcGIS Server, ArcSDE, ArcGIS Portal/Online
- Databases: SQL Server, Oracle, MySQL
- Programming: C#, VB.NET, ASP.NET, WCF, Java, Python, VB6/VBA, JSP, ASP, HTML, HTML5, JavaScript, TypeScript, Arcade, AJAX, XML, ExtJS, ES6, React, Redux, Angular, Knockout, Node.js, jQuery, Dojo, Backbone, CSS, SCSS, Adobe Flex, Microsoft Silverlight, iOS (objective-C), Android, Windows Mobile, ArcGIS Mobile
- Other: XML, Json, Git, npm, webpack, grunt, yaml, bootstrap, CI/CD, AWS/Azure, Docker, REST, IIS, Apache

### Education

- BS, Computer Science, Mississippi State University (with minors in Software Engineering and Mathematics)

### Certifications

- Esri Certified Enterprise Geodatabase Mgmt. Professional
- Sun Certified Java Programmer (SCJP)

# Nick Waters

## Solutions Engineer

Nick is an experienced GIS professional with a history of successfully providing data driven solutions for state, local, commercial and utility clients. His specializations include asset management, database development and management, and creation and analysis of geographic data. Below is a sample listing of projects that he has supported.

### Axim Geospatial, Feb 2022 – Present

#### City of Austin, Watershed Protection Department, Utility Network (Austin, Texas)

- Implementation support for ArcGIS Utility Network
- Data Readiness Assessment
- Facilitate requirements and database design workshops
- Geodatabase design, data migration planning and implementation

#### City of Austin, Watershed Protection Department, ArcGIS Indoors (Austin, Texas)

- Converting CAD and GIS data to Indoors Model
- Building Indoors Network for Routing Purposes
- Creating Indoors Viewer for Internal scheduling, task management, office hoteling and overall building management

#### Veolia Water North America (Nationwide)

- Support conversion of Amazon Web Services hosting environment
- Migrate and republish content and applications

#### Houston Water (Houston, Texas)

- Geodatabase design revisions for ArcGIS Utility Network
- Configuration and testing Workflow Manager supporting semi-automated editing workflows, troubleshoot attribute rules

#### Minnesota DOT, Innovative Infrastructure Asset Data Collection and Conflation Project (Statewide, Minnesota)

- Developed an Esri Web App review tool for asset data; developed a project milestones dashboard
- Integration of Oriented 360 Imagery for asset review

#### Harry Reid International Airport, ArcGIS Indoors (Las Vegas, Nevada)

- Converting CAD and GIS data to Indoors Model; building Indoors network for routing purposes
- Creation of Indoors Viewer for Airport Kiosks

### Work History

#### GIS Manager, TMI Solutions, LLC WORK Technologies, San Antonio, TX (July 2018 - April 2022)

- Led and managed the GIS Team on operations for all GIS projects
- Provided data-driven solutions utilizing Esri's ArcGIS Enterprise Server and extensions
- Designed and managed cloud-based GIS infrastructure within Microsoft Azure environment
- Processed and published aerial imagery to ArcGIS Server using ArcGIS Pro and Catalog

#### GIS Analyst, Bell County Communications Center, Belton, TX (Mar 2016 – July 2018)

- Created a dispatch dashboard using ArcGIS WebApp Builder for dispatchers and call-takers to track live location of units

#### GIS Intern, San Marcos Electric Utilities, San Marcos, TX (June – Dec 2015)

#### GIS Intern, Doucet & Associates, Inc. Civil Engineers, Austin, TX (Jan – June 2015)

#### GIS Intern, Texas State University Facilities Dept, San Marcos, TX (Aug 2014 – Jan 2015)

### Experience

- 8 years

### Technical Expertise

- ArcGIS Desktop
- ArcGIS Enterprise - Deployment & Administration
- ArcGIS Indoors
- ArcGIS Utility Network
- ArcGIS Pipeline Referencing
- ArcGIS Solutions
- ArcGIS Network Analyst
- ArcGIS Web AppBuilder
- ArcGIS Experience Builder
- Managed Services Checks and Maintenance
- Trimble GPS Pathfinder
- Aerial Imagery Integration
- PostgreSQL
- SQL Server
- Microsoft Azure
- I/CAD

### Education

- BS, GIS, Texas State University (2015)

# Greg Hymel, GISP

## Sr Account Executive

With over 25 years of experience, Greg is a Certified GISP specializing in location technology solutions for municipal and state government clients. He offers advanced Esri skills and proficiency in the latest GIS software, providing comprehensive geospatial services. As a Sr. Account Executive at Axim, Greg serves as the initial point of contact for state and local government agency clients, analyzing geospatial needs and developing exceptional service packages to ensure the clients goals are met or exceeded.

### Axim Geospatial, May 2018 – Present

#### Sr. Account Manager – Enterprise (State & Local Government)

- Responsible for overall client satisfaction, collaborating with internal teams such as accounting and operations
- Identify and solicit new business and contract renewals by fostering relationships with client stakeholders and channel partners; identifies and develops new services offerings
- Attends, exhibits, and presents at local, regional and international conferences
- Improvement to internal business operations and workflows

A sample listing of Greg's current Enterprise clients/projects is listed below:

**City of Houston, TX, Esri Utility Network Implementation for Water, Wastewater, and Stormwater**

**Austin Water, Austin, TX Utility Network Management & GIS Data Model Design**

**Aqua Water Supply Corporation, Bastrop, TX, Cityworks Asset Management & Permitting Implementation**

**Port of New Orleans, New Orleans, LA, Cloud Managed Services and Support**

**San Antonio Water System, San Antonio, TX, Utility Network Implementation**

### Work History

#### GIS Director, City of New Orleans, LA (Aug 2015 – May 2018)

- GIS Director for the Greater New Orleans Area, responsible for crafting City-side GIS vision and initiatives
- Directed GIS collaboration between City departments and established new relationships with local external agencies

#### GIS Manager, City of New Orleans, LA (Jun 2011 – Aug 2015)

- Implemented GIS Services with new CRM and permitting and licensing software used City-wide
- Established cloud server environment to support ArcGIS for critical business functions
- Rolled out ArcGIS Online for users to collect, correct, perform QA/QC, and query Enterprise GIS
- Expanded the Enterprise by adding users in various departments

#### Vice President, Geographic Computer Technologies, LLC, New Orleans, LA (Aug 2000 – Jun 2011)

- Database modeling and Enterprise GIS design; led technical and policy group meetings for local governments
- Established business partner and reseller relationship with Esri and served as the Esri liaison; served as an authorized Esri trainer for ArcGIS Desktop courses
- Designed user-friendly custom GIS viewers for over 30 clients; assisted clients in migrating from CAD to ArcGIS

#### GIS Specialist, Gulf Coast Aerial Mapping, Baton Rouge, LA (Jan 1999 – Jul 2000)

- Managed ArcINFO system on Sun Solaris, developed custom plot routines using AML, and performed parcel maintenance and client training on ArcINFO

#### Graduate Assistant, University of New Orleans Dept of Geography, New Orleans, LA (Aug 1997 – Dec 1998)

#### GIS Experience

- 25 years

#### Technical Expertise

- Esri ArcGIS
- Client Communications
- Contract Management
- Project Coordination
- Solution Delivery
- Service Package Offerings

#### Education

- MA, Geography, University of New Orleans
- BA, Geography, University of New Orleans

#### Certification

- Certified GIS Professional (GISP)



# Andrew Milanes, PE, GISP

## Louisiana Professional Engineer

Andrew is the President and a Principal Engineer of Es<sup>2</sup> and has been with the firm since its inception in 1996. He is a registered professional civil engineer in Louisiana, Mississippi, Texas, and Florida, and is a Certified GIS Professional. Andrew has managed numerous environmental, engineering, and mapping projects ranging from site investigations and remediation, shoreline surveys, damage assessments, litigation expert reports, topographical surveys, and mapping. His geospatial experience includes UAS (drone) mapping, Enterprise GIS, and GNSS/conventional surveying techniques. A sample of his recent project experience is provided below.

### Environmental Science Services, Inc., 1996 – Present

#### Port of New Orleans, LA, Enterprise Design and Deployment

- Project Manager for GIS services for development, integration, and maintenance of an Enterprise GIS for critical infrastructure security purposes
- Responsible for system architecture design, scanning, and digitizing of hardcopy drawings, integration of GIS with other Port business systems such as Salesforce and Laserfiche, geodatabase design consultation, GPS and GIS training, inter-departmental coordination of uses and application of Enterprise GIS, desktop and mobile GIS technical support, and development of best practices guidelines

#### Plaquemines Parish, LA, Enterprise GIS Design and Deployment

- Project Manager for GIS services for the Plaquemines Port, Harbor, and Terminal District for development, integration, and maintenance of an Enterprise GIS for critical infrastructure security purposes
- Responsible for system architecture design, geodatabase design, data development, integration with real-time AIS data feeds, application developments, and training

#### Unmanned Aerial Systems (UAS) Topographic Mapping, Various Locations

- Project Manager /Engineer for various topographic mapping projects utilizing UAS
- UAS imagery was obtained for various projects including beach shorelines, landfills, and industrial construction sites; conventional survey data was obtained for ground control and check points
- The data was processed using Pix4D desktop photogrammetry software to develop orthophoto mosaics, digital surface models, digital terrain models, and contours

#### Baton Rouge, LA, Web and Mobile GIS and GPS Mapping for Petroleum Pipeline Operation and Maintenance

- Project Manager/Supervising Engineer for development of a GIS for maintenance and operation of a petroleum pipeline system; the application managed the location and documentation of pipeline repairs and maintenance as well as various operational data such as foreign crossing locations and cathodic protection system components; the web application is used by pipeline management during regulatory audits to demonstrate compliance with maintenance regulations
- Converted inline inspection results data to GIS to locate repair anomalies in the field using RTK GPS

#### Civil Engineer, C.K. Associates, Inc. (1992 – 1996)

### Experience

- 30 years

### Technical Expertise

- Civil Engineering
- Digital Photogrammetry
- Remote Sensing
- Esri ArcGIS Suite
- Microsoft SQL Server
- AutoCAD
- Trimble Business Center
- Pix4D UAS Mapping Software
- Network Administration

### Education

- MS, Geomatics Engineering and GIS, University of Colorado
- BS, Civil Engineering, Louisiana State University

### Certification

- Professional Engineer in Civil Engineering, TX (#121117), LA, MS, FL
- Certified GIS Professional (GISP) #60604
- FAA Part 107 Certified Remote Pilot
- Pix4D Mapper Certified User
- Transportation Worker Identification Credential (TWIC)





# Garth Sullivan

## Sr. GIS Specialist

Garth has over 9 years of professional experience in GIS including 7 years in the emergency 911 sector, acquiring field data and developing related data layers and information products for use in a digital and physical emergency operations environment. He specializes in geodatabase development, survey grade field collection of data, map and application creation, and data development and automation. A sample of his recent project experience is provided below.

### Environmental Science Services, Inc., 2021 – Present

#### Port of New Orleans, LA, Enterprise GIS

- GIS Analyst for GIS services for development, integration, and maintenance of an Enterprise GIS for critical infrastructure security purposes
- Responsible for GIS data editing, data publishing, and web map development

#### Plaquemines Parish, LA, Enterprise GIS Design and Deployment

- GIS Analyst for GIS services for development, integration, and maintenance of an Enterprise GIS for critical infrastructure security purposes
- Responsible for system data development and publishing, web map and application development, integration with real-time AIS data feeds, application developments, and training

#### Bossier Parish Assessor, Bossier, LA, Application Development

- GIS Analyst for GIS services for developing a parish level web application
- Utilized Esri's Experience Builder Developer's Edition to create a specialized application for external, internal, and subscription access
- Depending on permission, the user can search & identify locations, and filter, query, & run light analysis on property parcel GIS services

#### Louisiana Dept of Health, Enterprise GIS

- GIS Analyst for water quality assessment using Office of Public Health, Dept of Environmental Quality, the U.S. Geological Survey water well sampling locations, and Dept of Natural Resources registered water well locations
- Responsibilities included data georeferencing, engineering, modeling, & publishing, desktop analysis, and web applications. Data engineering concepts included schema building, standardization, and joining through an automated modeling process
- Web applications utilized Esri technology including Experiences, Dashboards, Web App Builder, and a HUB Site

### Work History

#### 911/GIS Coordinator, Richland Parish, LA (2014 –2021)

- Prepared data for ingestion of data into Motorola VESTA call taking software and Motorola FLEX CAD software
- Responsible for data engineering (i.e., re-projection, schema changes, transfer, and loading), a critical part of this preparation was calculating road ranges, parity, one-ways, and correcting direction of streets
- Moved the agency forward with ArcGIS Pro, ArcGIS Online, and Esri field mapping to allow for more efficient analysis, cartographic production, data collaboration, sharing, and collection

### Experience

- 9 years

### Technical Expertise

- Esri ArcGIS Suite
- ArcGIS Server
- Geodatabase Management
- Data Development
- Application Development
- Map Production
- Data Visualization
- Geospatial Analysis
- Process Automation
- Mobile GIS using Esri ArcGIS Field Maps and Survey123

### Education

- BS, Geographic Information Science, Louisiana Tech University (2014)

### Certification

- Transportation Worked Identification Credential (TWIC)





# Joseph Myrtho, PhD

## GIS Coordinator

Joseph has 29 years of professional experience managing multiple GIS projects. He is responsible for managing project budget and schedule, facilitating client meetings, and managing the work of other GIS Analysts. Joe specializes in complex geospatial analysis, geoprocessing, and programming; publishing services for use in Web GIS; design and implementation of geospatial applications; and dashboard design and creation. A sample of his recent project experience is provided below.

### Environmental Science Services, Inc., 2021 – Present

#### Port of New Orleans, LA, Enterprise GIS

- GIS Coordinator for designing and developing survey applications to collect critical information
- Created webmaps and dashboards to monitor Port of New Orleans facilities during and after storm events, and weather conditions

#### Baton Rouge Green, Tree Inventory GIS Technical Services

- GIS Coordinator for the design and development of Esri Field Maps application, migration of existing data into the new database schema, and developing web applications and dashboards for data display and analysis

#### West Baton Rouge Parish, Utility Dept Smart Water and Meter GIS Technical Service

- GIS Coordinator for the design and development of Esri Field Maps application
- Created a dashboard to monitor field data collection and trained field technicians

### Work History

#### Senior GIS Analyst, The City of Baton Rouge-Parish of East Baton Rouge, Information Service, LA (2019 –2022)

- Implemented the data development process for recording storm water assets, street pavements, and building footprints following standard operating procedures and best practices
- Develop and documented detailed standard operating procedures for recording storm water assets in the geodatabase; performed quality control of data
- Spearheaded a project to utilize advanced processing techniques to generate DEM and DSM from Lidar and assigned height information to buildings in East Baton Rouge Parish

#### Professor of GIS and Cartography, Université d'Etat d'Haiti (Haiti State University) (2013 –2018)

- Designed and developed curricula of Introduction to GIS, Cartographic Design, and Spatial Analysis
- Delivered lectures and designed lab exercises including gathering appropriate data and preparing detailed instructions; guided students in lab exercises using ArcGIS, QGIS, and GeoDa

#### GIS Consultant, TetraTech-Local+/USAID Haiti, part-time (Apr-Aug 2015)

- Designed and implemented the quality control of housing data collected for communal administrations of several cities in Haiti
- Checked data for accuracy and completeness, wrote and submitted reports

#### GIS and Data Analyst Consultant, National Council for Food Security, part-time (2014 - 2015)

- Designed a survey plan to collect pertinent data regarding the location of food security projects, processed and analyzed data, produced a web application, and wrote and submitted reports

### Experience

- 29 years

### Technical Expertise

- Esri ArcGIS Suite
- Spatial & Geo-statistical Analysis
- QGIS
- Remote Sensing Software (ENVI & Erads Imagine)
- SQL, SQL Server
- Python
- Arcade
- MS Suite
- Data Visualization and Reporting

### Education

- PhD, Urban Geography, Louisiana State University
- MS, Natural Resources Information Systems, University of Arizona
- BS, Quantitative Economics and Statistics, Center of Planning and Applied Economics Techniques, Port-au-Prince, Haiti

## **APPENDIX B – SIGNATURE PAGE & SIGNATORY AUTHORITY AFFIDAVIT**

## Request for Proposals #0464

### To Provide Information Technology Support Services and Supplemental Staffing for the Departments for Electronic Information Systems (EIS) and Telecommunications

#### SIGNATURE PAGE

The Jefferson Parish Department of Purchasing is soliciting Request for Proposals (RFP'S) from qualified proposers who are interested in providing Information Technology Support Services and Supplemental Staffing for the for the Jefferson Parish Electronic Information Systems (EIS) and Telecommunications Department.

**Request for Proposals will be received until 3:30 p.m. Local Time on: August 25, 2023.**

Acknowledge Receipt of Addenda: Number: 01  
Number: \_\_\_\_\_  
Number: \_\_\_\_\_  
Number: \_\_\_\_\_  
Number: \_\_\_\_\_  
Number: \_\_\_\_\_


Name of Proposer: Axim Geospatial, LLC

Address: 100 QBE Way, Suite 1225  
Sun Prairie, WI 53590

Phone Number: 877-294-6436 Fax Number 608-960-4069

Type Name of Person Authorized to Sign: Kent Blanchard

Title of Person Authorized to Sign: Vice President of Contracts & Legal

Signature of Person Authorized to Sign:  \_\_\_\_\_  
8B742C70E7784C7...

Email Address of Person Authorized to Sign: kent.blanchard@aximgeo.com

Date: 8/23/2023

This RFP signature page must be signed by an authorized Representative of the Company/Firm for proposal to be valid. Signing indicates you have read and comply with the Instructions and Conditions.



877.294.6436  
100 QBE Way, Suite 1225  
Sun Prairie, WI 53590  
aximgeo.com

### SIGNATURE AUTHORITY AFFIDAVIT

I, Daniel A. Levine, do hereby certify as follows:

1. I am the President of Axim Geospatial, LLC.
2. By virtue of my position as President, I can delegate authority to sign legal documents such as contracts and proposals to a subordinate.
3. I have delegated the authority to sign any and all documents associated with Request for Proposal 0464 To Provide Information Technology Support Services and Supplemental Staffing for the Departments of Electronic Information Systems (EIS) and Telecommunications Jefferson Parish Government to Kent Blanchard, Vice President of Contracts and Legal of Axim Geospatial, LLC.

DocuSigned by:  
Daniel A. Levine  
5E1A2AE37BE24F3

8/22/2023

Daniel A. Levine, PhD

County of Shelby

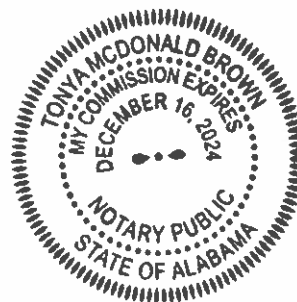
State of Alabama

Sworn to and Subscribed before me this 22nd day of August, 2023

Tonya McDonald Brown  
Notary Public (Signature)

Tonya McDonald Brown  
Printed Name

12/16/2024  
Expiration Date



## **APPENDIX C – RFP AFFIDAVIT**

**Request for Proposal**

**AFFIDAVIT**

**STATE OF** AL

**PARISH/COUNTY OF** \_\_\_\_\_

BEFORE ME, the undersigned authority, personally came and appeared: \_\_\_\_\_  
Kent Blanchard, (Affiant) who after being by me duly sworn, deposed and said that he/she  
is the fully authorized Vice President of Contracts & Legal of Axim Geospatial, LLC (Entity), the party  
who submitted a proposal in response to RFP Number 0464, to the Parish of Jefferson.

Affiant further said:

**Campaign Contribution Disclosures**

**(Choose A or B, if option A is indicated please include the required attachment):**

**Choice A** \_\_\_\_\_ Attached hereto is a list of all campaign contributions, including the date and amount of each contribution, made to current or former elected officials of the Parish of Jefferson by Entity, Affiant, and/or officers, directors and owners, including employees, owning 25% or more of the Entity during the two-year period immediately preceding the date of this affidavit or the current term of the elected official, whichever is greater. Further, Entity, Affiant, and/or Entity Owners have not made any contributions to or in support of current or former members of the Jefferson Parish Council or the Jefferson Parish President through or in the name of another person or legal entity, either directly or indirectly.

**Choice B** X there are **NO** campaign contributions made which would require disclosure under Choice A of this section.



Affiant further said:

Debt Disclosures

**(Choose A or B, if option A is indicated please include the required attachment):**

**Choice A** \_\_\_\_\_ Attached hereto is a list of all debts owed by the affiant to any elected or appointed official of the Parish of Jefferson, and any and all debts owed by any elected or appointed official of the Parish to the Affiant.

**Choice B**   X   There are **NO** debts which would require disclosure under Choice A of this section.

Affiant further said:

Solicitation of Campaign Contribution Disclosures

**(Choose A or B, if option A is indicated please include the required attachment):**

**Choice A** \_\_\_\_\_ Attached hereto is a list of all elected officials of the Parish of Jefferson, whether still holding office at the time of the affidavit or not, where the elected official, individually, either by **telephone or by personal contact**, solicited a campaign contribution or other monetary consideration from the Entity, including the Entity's officers, directors and owners, and employees owning twenty-five percent (25%) or more of the Entity, during the two-year period immediately preceding the date the affidavit is signed. Further, to the extent known to the Affiant, the date of any such solicitation is included on the attached list.

**Choice B**   X   there are **NO** solicitations for campaign contributions which would require disclosure under Choice A of this section.

Affiant further said:

That Affiant has employed no person, corporation, firm, association, or other organization, either directly or indirectly, to secure the public contract under which he received payment, other than persons regularly employed by the Affiant whose services in connection with the construction, alteration or demolition of the public building or project or in securing the public contract were in the regular course of their duties for Affiant; and

That no part of the contract price received by Affiant was paid or will be paid to any person, corporation, firm, association, or other organization for soliciting the contract, other than the payment of their normal compensation to persons regularly employed by the Affiant whose services in connection with the construction, alteration or demolition of the public building or project were in the regular course of their duties for Affiant.

Affiant further said:

Subcontractor Disclosures

**(Choose A or B, if option A is indicated please include the required attachment):**

**Choice A**   X   Affiant further said that attached is a listing of all subcontractors, excluding full time employees, who may assist in providing professional services for the aforementioned RFP.

**Choice B**        There are **NO** subcontractors which would require disclosure under Choice A of this section.

DocuSigned by:  
Kent Blanchard  
8B742G70E7784G7  
Signature of Affiant

Kent Blanchard  
Printed Name of Affiant

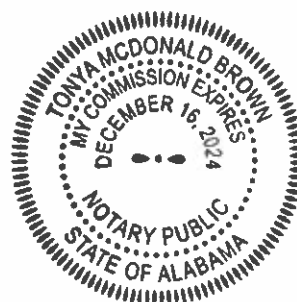
SWORN AND SUBSCRIBED TO BEFORE ME  
ON THE 22<sup>nd</sup> DAY OF August, 2023.

Tonya McDonald Brown  
Notary Public

Tonya McDonald  
Printed Name of Notary

Alabama notaries are not assigned commission or id numbers  
Notary/Bar Roll Number

My commission expires 12/16/2024





**Jefferson Parish IT Support Services & Supplemental Staffing for the Departments of EIS and Telecommunications RFP 0464**

**Subcontractor Disclosure**

Subcontractors who may assist in providing professional services for RFP 0464 are listed below.

1. Environmental Science Services, Inc. (Es<sup>2</sup>)  
1027 North Range Ave, Denham Springs, LA 70726

## **APPENDIX D – PROOF OF INSURANCE**

We have included our Certificate of Insurance as a separate file, uploaded with our proposal submission.

Filename: COI 23-24 - Jefferson Parish Louisiana