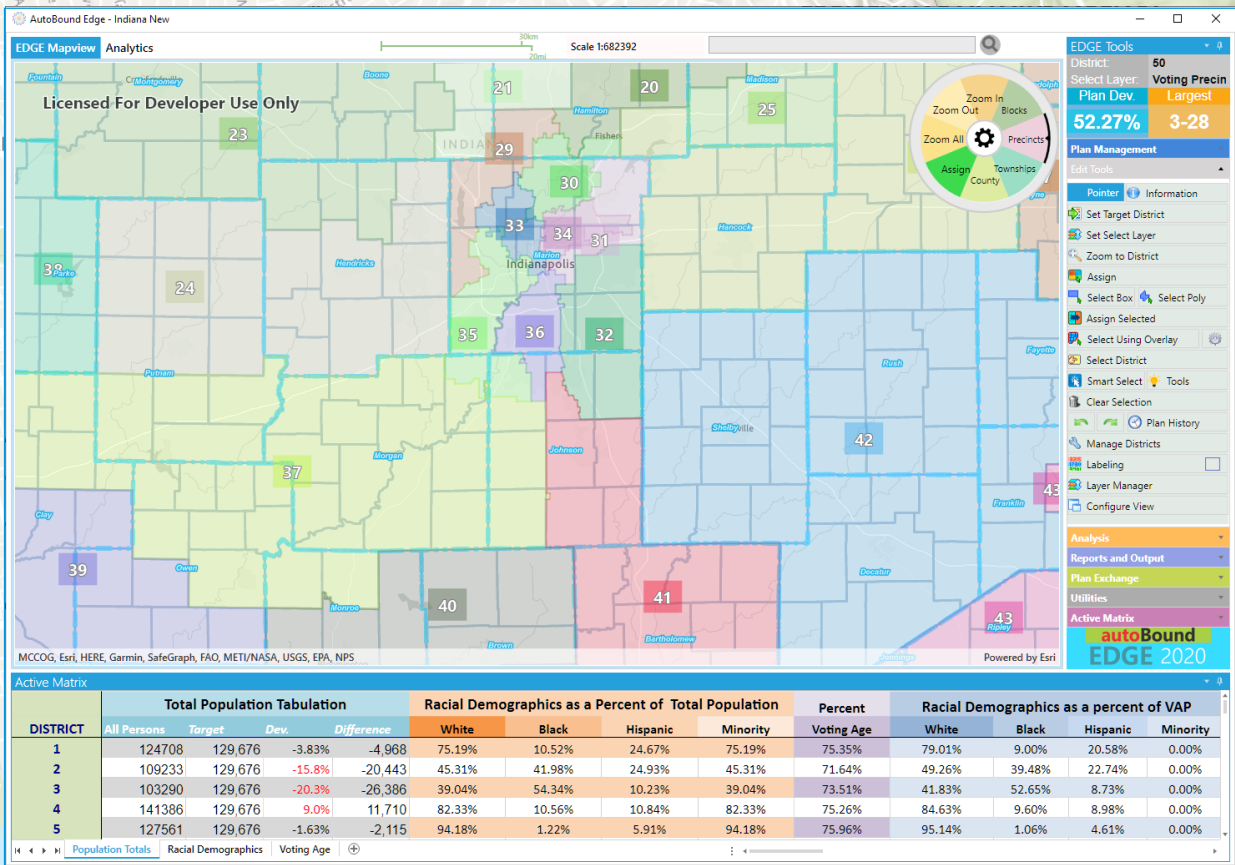




CONSULTING SERVICES FOR REDISTRICTING

July 30, 2021



Submitted by the firm of



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July 30, 2021

Ms. Alicia Tretheway,
Procurement Coordinator,
PROCUREMENT DEPARTMENT
BOARD OF COUNTY COMMISSIONERS OF LEVY COUNTY FLORIDA
P.O. BOX 310 310 SCHOOL STREET BRONSON, FL 32621

Mr. Tretheway,

On behalf of Citygate GIS, I am pleased to provide the attached proposal for redistricting services to the Board of County Commissioners of Levy County Florida. Citygate has been providing redistricting and reapportionment services to our customers since 1995. Our technology and services have been used in over 40 States, the Countries of Canada, Bermuda and over one hundred County and Municipal agencies. Citygate is also the developer of the Redistricting software system, the most popular legislative redistricting GIS product in the US.

Citygate has provided redistricting consulting and software to multiple Counties in the State of Florida including Dade, Orange and Broward.

If you should have any questions regarding our proposal or wish to further discuss our qualifications, please do not hesitate to contact me at 410-707-2083. We look forward to the possibility of working with the Levy County Board of Commissioners on this project.

Sincerely,
Citygate GIS

A handwritten signature in black ink that reads "Fred Hejazi".

Fred Hejazi

1 Executive Summary

For over 25 years, Citygate GIS has been engaged in providing unbiased and nonpartisan redistricting and reapportionment solutions to legislative bodies, government agencies and political organizations. Citygate is the developer of the Autobound software. Autobound is the most widely used ESRI ArcGIS based redistricting extension in the US.

Our redistricting customers have included more than 40 states, the countries of Canada and Bermuda and more than 100 water and school districts. Citygate has provided expert legal advice in redistricting cases, and been engaged by courts in drawing plans. Most recently, Citygate was engaged by the Indiana Superior court to draw such a plan for Marion County and

In addition to redistricting services, Citygate has extensive experience with the US Census Bureau in collecting the data for the 2020 Census. This work included creating precinct layers for the state of Connecticut. As a result, our staff have an in depth knowledge of the numbers behind the Census.

Citygate was the redistricting demographer for the City of Austin Texas first ever Citizen Redistricting Commission. Our services include redistricting services for the State of Indiana Supreme Court, drawing council districts for Marion County, and the city of Marion County. Recently Citygate was engaged by the State of Connecticut to capture and create voting precincts for the state. Our services include redistricting services to Cities, Water Districts, Schools, States and Countries.

For the Levy County Board of Commissioners, Citygate will provide the following services:

- ❖ Meet with the Commission members and Staff to formulate a plan for the redistricting process and the requirements with its milestones.
- ❖ Create a GIS database, based on the city boundaries using the 2020 Census data. The GIS database will contain population, age and voter demographics for all blocks and precincts in the County.
- ❖ Help County Commissioners staff to configure the redistricting project website and develop a communication plan.
- ❖ Provide the Commission staff with a license and training for Citygate online redistricting software through MyCitygate.
- ❖ Work with the Commission staff to develop presentations highlighting the demographic profile of the County for the Commissioners and members of the public. Optionally make the demographic maps available on the web.
- ❖ Use our Autobound EDGE redistricting software to create the districts as required by local ordinances, The State Constitution, Redistricting and the Federal Voting Rights Acts. The process of redistricting can be performed in Board meetings with Staff.
- ❖ Present the results of the redistricting to the Board in either closed or public hearing.
- ❖ Place the redistricting maps online Citygate's online viewer.
- ❖ Create hard copy maps at the discretion of the Board for publication.
- ❖ Create demographic reports as needed.
- ❖ Create a tool for online comments to be collected regarding the redistricting map.
- ❖ After the comment period present the comments to the Board members and staff.
- ❖ Make adjustments as needed to accommodate public comments.
- ❖ Update the maps and websites to reflect the finalized maps.
- ❖ Hold a second period of public comments if required.
- ❖ Provide the Commission members with a complete set of maps, reports and GIS map data for the redistricting process.

- ❖ Attend all required/requested public County Commissioners meetings and hearings.
- ❖ Provide expert on-site mapping services with the latest census and voting age statistics.
- ❖ Provide the County Commissioners with mapping software with real-time capability to assess outcomes of changes at public hearings and Commission meetings.
- ❖ Display maps in format accessible to the public, including internet, print and multimedia.
- ❖ Assist Commissioners and staff to obtain, analyze and present statistics on demographics, voting age population and other data.
- ❖ Advise Commissioners and staff as to effects of any potential boundary lines on ability to satisfy requirements.
- ❖ Meet and discuss with County Commissioners Chair and members, and other staff as needed.
- ❖ Be able to begin services no later than September 1, 2021.
- ❖ Contribute methodology and other information to the Commission’s final report.

Citygate can begin the project immediately. We already have all the data and software necessary to complete this project. Our qualifications stated in the RFP. Specifically, we have had no relationships with anyone at Levy County, performed no consulting services and supported any candidates for public office.

We have performed similar services for a number of jurisdictions in the US comparable in size to Levy County including:

- City of Austin, Texas
- Marion County – City of Indianapolis, Indiana
- Miami-Dade County, Florida
- City of Newport, Rhode Island
- Upper Black Squirrel Creek Water District in El Paso, Colorado
- Township of Haverford, Pennsylvania
- Adams County, Colorado

These projects have all been performed in an open transparent and nonpartisan environment. This is a key advantage to the project. Our firm is known universally in the Redistricting community as being nonpartisan.

Proposed Approach

Citygate has been providing turn key redistricting services to clients throughout North America for more than 25 years. The following are the key elements of Citygate's approach to supporting Levy County for redistricting projects.

Kick off

The Levy County project as outlined in the RFP is a multiphase project with extensive public involvement. Citygate proposes to begin the project with a kickoff meeting to allow the discussion and review of the following topics:

1. **Project timelines and milestones.** While based on Citygate's past experience, the tasks outlined in the RFP can be completed within the timeline. However, the requirement for public engagement necessitates the need for advance notification and scheduling. To ensure the project is completed on time, milestones and schedules for completion of tasks under the project must be created.
2. **Public Communication Plan.** Given the requirement for public participation, one of the key topics which will be discussed during the project will be the communication plan for the public. Citygate will work with Levy County to develop a communication plan which includes the use of web tools, traditional media and public hearings.
3. **Project Meeting Plan.** Another key component of the project will be coordination of project tasks between Citygate and Levy County and management. During the kick off, a project meeting schedule for the different phases of the project will be developed. Levy County Board and staff remains informed regarding progress on various project tasks.
4. **Documentation Plan.** Given the complexity of most redistricting the projects and the potential for litigation, it is anticipated that a significant amount of documentation as part of the project will be required to be turned over to Levy County. During the kick off meeting, Citygate will propose a plan for the storage of the project data and documents.

Phase 1 – Database Development

Phase 1 of the project begins with the development of a GIS database. Citygate has extensive experience with creating GIS databases to support demographic analysis and redistricting for similar project. The following are the typical data layers required for a redistricting project:

Local Data – The redistricting project will require the availability of GIS data from Levy County such as the counties over the project interest, town boundaries, existing ward boundaries and any other data which may play a role in the configuration of the project.

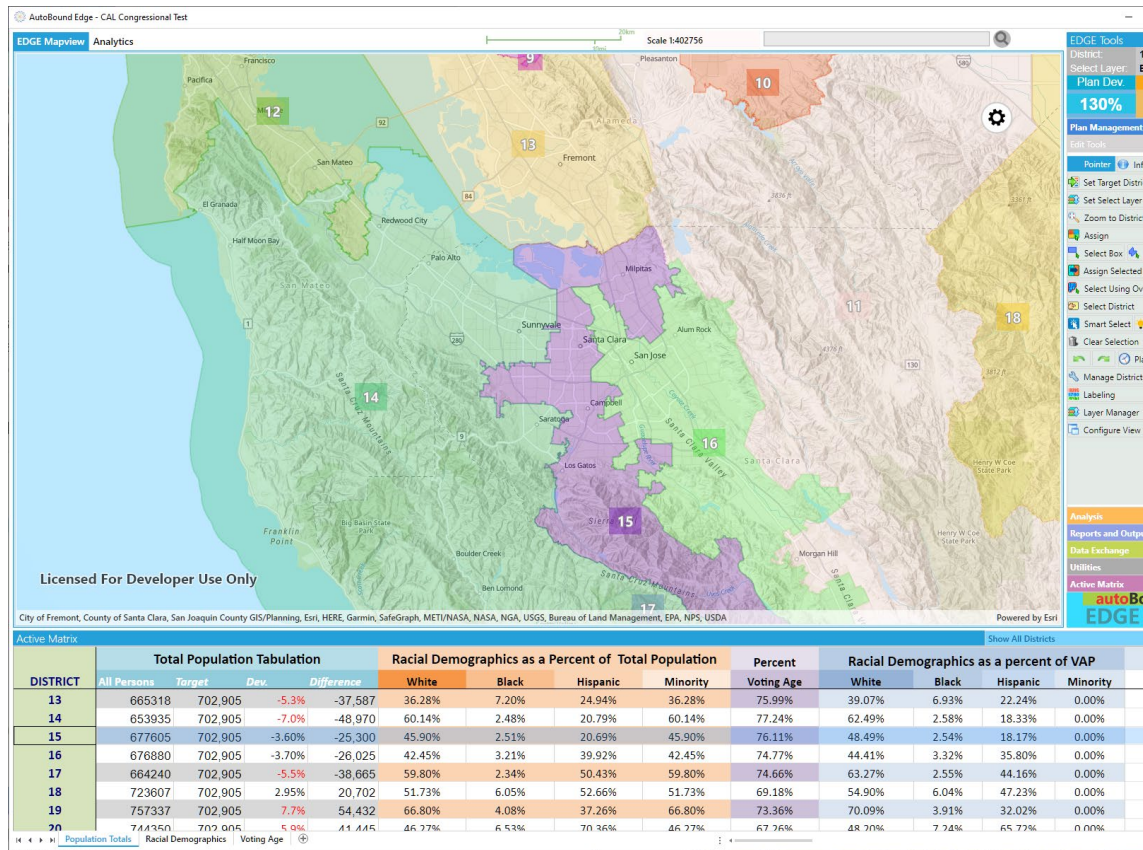
Census Data – As a part of Citygate's EDGE software, Census data for the entire country is created and made available. The data is processed once the PL 94-171 population data is released. Citygate will extract the data for the boundary of the Levy County project based Census data for the project. Where needed, the Citygate tool will automatically split blocks and assign the population to a block based on the percentage of the area.

Incumbent Addresses – Although the project does not require that incumbents be located within the new districts, it is anticipated that many are moved out of their district due to the new configuration. Citygate's EDGE software includes the ability to geocode incumbent addresses and then display their location as a pin during redistricting. EDGE reports also provide information of which incumbents have moved out of their districts as a result of the redistricting process.

Phase 2 – Redistricting

The task of redistricting is in effect a process of building consensus around a plan which will meet Levy County's requirements and be supported by the public. Our past experience has demonstrated that this goal can be achieved most successfully through a transparent process.

Redistricting plans which are created internally then simply announced to the public tend to face far more resistance, than plans which are done in phases where the comments could be addressed.

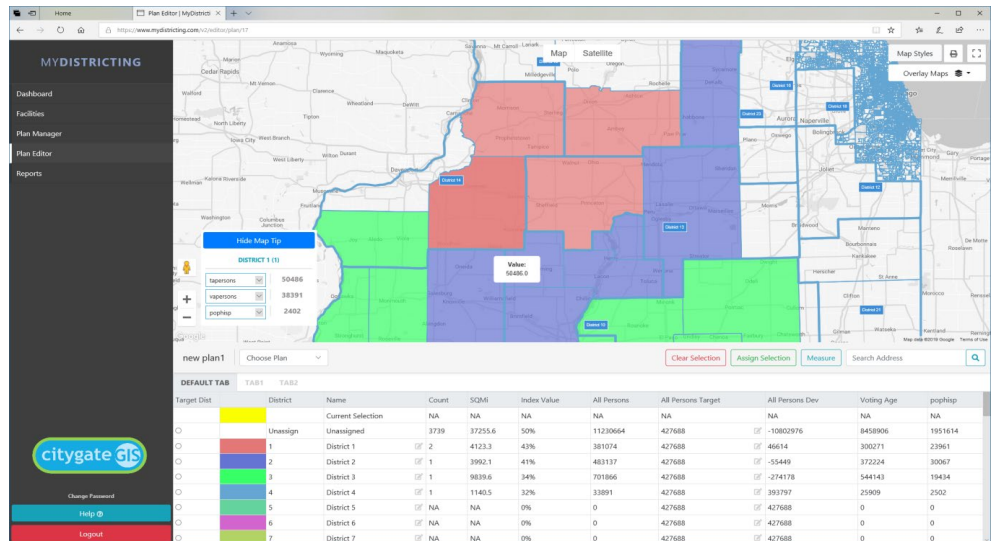


For the process of redistricting, Citygate proposes the use of its Autobound EDGE Redistricting software shown above. ArcGIS runtime GIS software. Extensive redistricting tools are provided to allow the user the ability to move boundaries based on a number of physical or demographic parameters. Each time the boundary is adjusted the demographics for each district is updated in an Excel compatible spreadsheet which is integrated into the application.

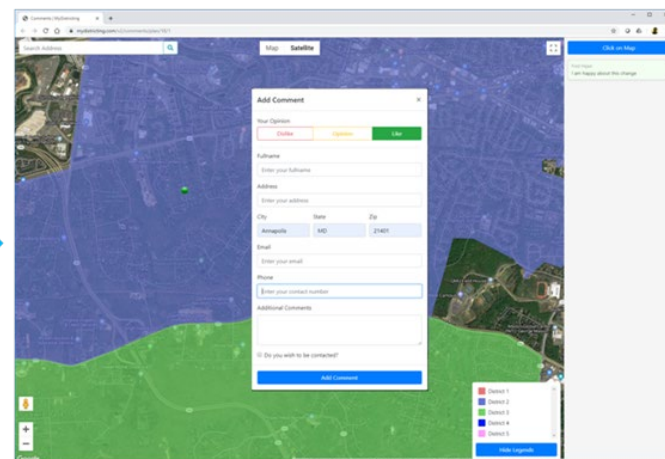
DISTRICT	Total Population Tabulation ACS 2018				2010 Population	Racial Demographics as a Percent of Total Population 2018				2010 Minority	Percent Voting Age 18	Percent Voting Age 10	Racial Demographics as a percent of VAP 2010			
	All Persons	Target	Dev.	Difference		White	Black	Hispanic	Minority				White	Black	Hispanic	Minority
10	657,567	673,220	-2.33%	-15,653	669,257	94.00%	2.80%	100.00%	6.00%	3.84%	75.81%	80.45%	106.12%	101.01%	2.65%	0.02%
11	679,327	673,220	0.91%	6,107	687,860	86.34%	6.68%	100.00%	13.66%	11.49%	76.63%	80.01%	104.40%	93.56%	5.22%	0.03%
12	638,633	673,220	-5.1%	-34,587	662,370	92.82%	3.71%	100.00%	7.18%	2.85%	77.35%	83.37%	107.79%	102.01%	3.93%	0.02%
13	690,735	673,220	2.60%	17,515	674,188	74.42%	11.43%	100.00%	25.58%	24.16%	75.72%	75.41%	99.59%	79.63%	9.33%	0.04%
14	577,261	673,220	-14.3%	-95,959	584,493	68.56%	23.58%	100.00%	31.44%	29.72%	78.45%	82.84%	105.59%	77.43%	22.70%	0.03%
15	756,481	673,220	12.4%	83,261	737,258	82.97%	6.07%	100.00%	17.03%	18.62%	75.23%	75.23%	100.00%	86.30%	4.63%	0.04%
16	789,459	673,220	17.3%	116,239	762,282	85.72%	5.39%	100.00%	14.28%	18.32%	73.25%	72.10%	98.43%	85.27%	4.90%	0.02%
17	690,705	673,220	2.60%	17,485	681,835	83.37%	9.08%	100.00%	16.63%	15.81%	75.46%	76.71%	101.66%	88.85%	7.75%	0.02%
18	635,282	673,220	-5.6%	-37,938	634,416	91.91%	3.16%	100.00%	8.09%	6.64%	78.42%	79.34%	101.17%	95.53%	2.72%	0.02%
19	749,470	673,220	11.3%	76,250	728,630	88.76%	4.81%	100.00%	11.24%	12.92%	75.25%	75.50%	100.33%	91.65%	4.01%	0.02%
Assigned Total Pop	12791181															
Unassigned	0															

As can be seen, the software provides statistics for any number of variables which the user selects for display in the map. The software also provides its own calculated columns using Excel formulas. As the numbers in the matrix are updated, the calculated fields are also updated. In the above example, a threshold of 5% has been set for each district. Districts that are within 5% of target population are highlighted in Green, while others that are above or below that threshold are shown in Red, with a downward arrow indicating the district is over or under populated.

Citygate can perform redistricting using the EDGE software during work sessions with Levy County using remote sharing. The results of the redistricting calculations showing the results of the redistricting will be dynamically available during the process.



If Levy County’s staff is interested in creating or viewing plans internally, Citygate can provide access to our online redistricting software available through the Mydistricting.com web portal. The online software shown above has the ability to create multiple redistricting plans and evaluate them. As the user selects areas for assignment, the demographic information for the selected area is displayed in a table. The software is easy to learn and use, and is compatible with any Windows or Mac based browsers.

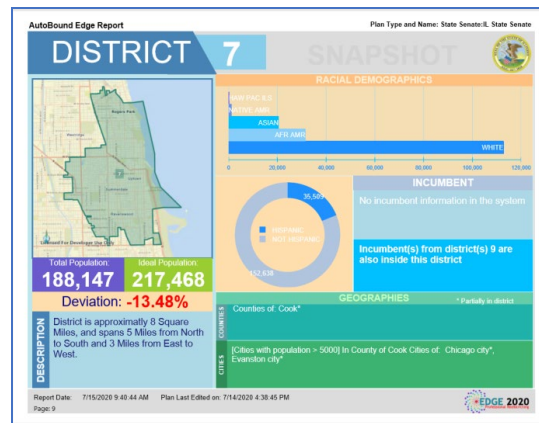
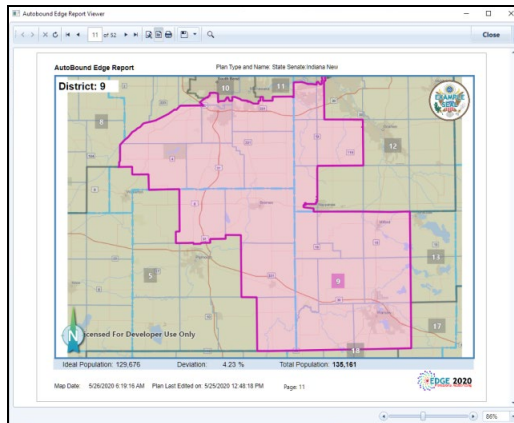


As redistricting plans are created, Levy County may be interested in soliciting comments either internally from Board members or externally from the members of the public. To accomplish this, our firm has developed a web-based application called MyDistricting.com. Members of the public interested in making comments can view the map and if interested place a new comment on the map. The color of the comment indicates whether their comment was positive, negative or informative. Comments placed on the map can be displayed as a layer in the software.

Phase 3 –Public Participation

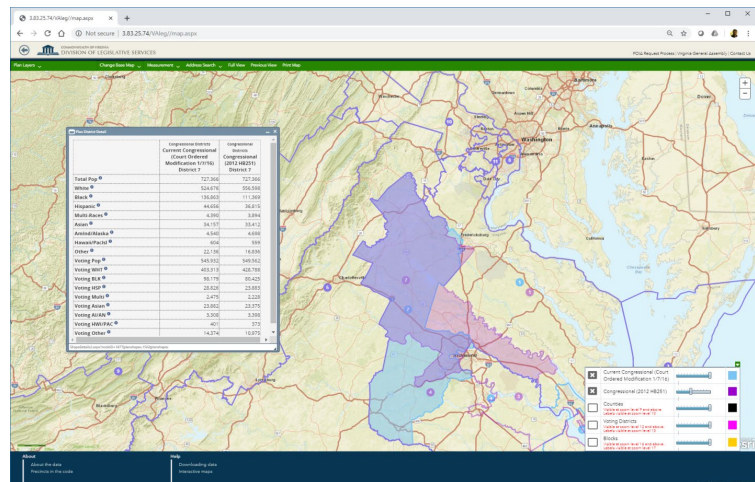
Once the initial redistricting process is completed, Citygate will work with Levy County to present the results of the process to the members of the public. Internal updates include:

- Identification of incumbents within districts
- Development of maps and reports which present the new boundaries and their demographics.



- Support for internal presentations to Board members or other management bodies.

Citygate also provides online viewers which allow members of the public to view and query plans. The following is an example of the current plans overlaid with the proposed districts for comparison purposes.



Citygate has extensive experience in conducting public hearings and collecting comments. Most recently Citygate worked in hosting multiple public hearings, and collaborative redistricting sessions where Citygate performed edits to plans in response to comments from members of the public.



Phase 4 – Transition to Levy County

Once the redistricting process is complete, Citygate will provide Levy County staff with GIS compatible files for the new boundaries will be based on Census data, Citygate can work with the GIS team at Levy County to conflate the new existing Levy County GIS database.

Project Team and Experience

Citygate is a privately held corporation formed in 1986 with a focus on geospatial, redistricting and demographics applications.

857 Childs Point Road, Annapolis, MD 21401

Contact: Fred Hejazi

410-707-2083

Firm Representative Signature Date

1. Citygate acknowledges the terms and conditions and agrees to execute the contract in accordance with



Fred Hejazi, 9/25/2020



Citygate GIS

TAXID: 20-39

Phone: 410-2

Email: fhejaz

Company Profile

In 2020, Citygate celebrated its 34th year of providing services focused in the areas of redistricting and Geospatial technology. Citygate has performed consulting services and implemented products and applications in nearly all-50 states in the US, as well as for civilian federal agencies, foreign governments and agencies in Europe, Africa and Australia. Citygate's success is a direct result of its focus in developing solutions which push the frontiers of technology and create new and innovative products. Citygate is an ESRI Business Partner for over 20 years and an Oracle Alliance Partner for 15 years.

Citygate's redistricting experience spans over 25 years, where the firm has been engaged in providing services and solutions to government agencies and political organizations. Citygate is the developer of the autoBound redistricting software. autoBound is the most widely used ESRI ArcGIS based redistricting extension in the US.


Our redistricting customers have included more 40 states, the countries of Canada and Bermuda and more than a hundred municipalities. Citygate has provided expert advice in redistricting cases, and been engaged by courts to draw fair plans. Most recently, Citygate was engaged by the Indiana Superior court to draw such a plan for Marion county and the city of Indianapolis. Citygate also has been engaged with support of citizen commission redistricting and project with large community involvement. Citygate was the redistricting consultant for the city of Austin, Texas, in the City's first ever Independent Citizen Redistricting Commission. As a result, our firm has in depth experience supporting organizations with a mandate to use an Independent Redistricting Commission. Citygate has a staff of 17 people.

Project Team Structure

Citygate has been performing redistricting services for over 25 years. Our team has broad experience with every phase of the redistricting process from development to integration of political and voter data to building plans, and public presentations. The following is an overview of the areas of responsibility for this project.



NAME: Fred Hejazi



Project Manager

TAGS: Project Management ♦ Redistricting ♦ Census ♦ Software Architecture ♦ Unix ♦ Linux ♦ Javascript ♦ PHP ♦ Oracle ♦ PostGRE ♦ Programming ♦ C# ♦ .NET ♦ MySQL ♦ JQuery ♦ HTML ♦ PL/SQL ♦ SQL ♦ MS SQL ♦ HTML 5 ♦ Apache ♦ ArcGIS ♦ ArcGIS Online ♦ ArcObjects ♦ SDE ♦ ArcEngine

Years of Service at Citygate: 22 Total Years of Experience: 27

Education: BS, Engineering, University of Maryland 1984 **Location:** Annapolis, Maryland

Training & Certifications: Registered Professional Land Surveyor (Maryland Registration Number 10947)
ORACLE Database Administration Certification
SUN Systems Administration Certification
ESRI Spatial Data Engine (SDE) Management and Programming
ESRI Arc/Info Training

Introduction:
Over 27 years of experience in Information System design, software development, project management, Geospatial Information Systems.

System design experience includes over **20 years** of application development, consulting, project management, sales and marketing experience in all levels of government in North America and the Middle East. Key clients included, the US Census Bureau, Elections Canada, The US Army Corps of Engineers, NGA, 45 State Legislatures throughout the US and multiple City and County agencies, including Fairfax County, City of Richmond, Miami-Dade County, City of Houston, City of Tucson, King County WA, Montgomery County and Washington Suburban Sanitary Commission.

Information Systems Experience includes 7 years as the Director of Information Systems at a large transportation engineering company, and 6 years as a systems analyst and Unix administrator at one of the largest water utilities in the US. Experienced in network design, cyber security, systems integration, web application development and large scale information technology implementation.

Key Areas of Capability:

- Software design, development, implementation and lifecycle analysis.
- 27 years of IT project management at all levels of Local, State and Federal Government.
- Ability to bridge the gap between functional and technical requirements in a project.
- Experience with Unix and Linux system administration and implementation of SQL DBMS such as Oracle, MySQL and PostGRE.
- Technical experience with Google maps API and Google Earth.
- Experienced in public relations, work with media such as CNN and the Wall Street Journal.
- Industry experience in
 - Census and Elections
 - Redistricting
 - Data Conflation
 - Water and Wastewater
 - Emergency Management and Law Enforcement
 - School Planning and Bus Routing

Additional Accomplishments



Maverick of the Morning on CNN Market Call. Invited to speak regarding Redistricting, demographic Analysis and the process of drawing congressional boundaries.



Exemplary Partner award, received as the Project Manager for the Maryland State Highway Administration Enterprise GIS Implementation from the American Association of Highway and Transportation officials. One of 3 awards given each year for innovative development related to the transportation technology.



Certificate of appreciation from the office of Maryland Governor Paris Glendenning presented for innovative use of GPS technology during the construction of the Oriole's Park in Baltimore, Maryland.



LEGISLATURE

Certificate of appreciation from the State of Idaho Legislature for exemplary support during the 2001 legislative redistricting process.



National Association of Counties (NACo) Achievement Award for development of innovative solutions for automated District Realignment technology for Montgomery County Maryland

Relevant Experience

DEVELOPMENT OF THE ARCGIS BASED CENSUS VTD TOOL. Mr. Hejazi was the lead designer and developer of the ARCGIS Based tool for performing the Census VTD/BBSP program. The tool automatically identifies differences between State and Census VTD files and allows the user to update the files quickly and efficiently. The tools were used to perform Phase 2 for the states of Pennsylvania, Indiana and Utah.

DEVELOPMENT OF THE ARCGIS BASED CENSUS LUCA AND BAS TOOLS. Mr. Hejazi was the lead designer on the Citygate developed tool which allows Counties to participate in the LUCA and BAS Census programs electronically. Citygate was contracted with ESRI to develop these tools as extension to the Arcview GIS software.

DEMOGRAPHIC AND GIS CONSULTING SUPPORT FOR THE CITY OF AUSTIN'S FIRST CITIZEN REDISTRICTING COMMISSION. The Boundary of the City of Austin is a complex polygon which straddles 4 Counties. Citygate GIS was tasked with development of 10 nearly equal population districts which adequately addressed the City's diverse minority demographics. Mr. Fred Hejazi was the project manager on the project and provided onsite support to the Austin redistricting commission. Citygate's autoBound software was used to extract required demographic data from GIS files provided by the US Census Bureau, and Travis, Bastrop, Williamson and Hays Counties. The aggregated data included more than 260 columns of data, including population, housing counts and racial and voting age demographics. This data was presented to the City's redistricting commission and was subsequently used to create 10 Commission districts for the City.

DEVELOPMENT OF COMMISSION REDISTRICTING TOOL FOR ELECTIONS CANADA. AutoBound is a redistricting package developed by Citygate GIS. Mr. Hejazi was the project manager for a project performed for Elections Canada, where the software was adopted to use the Canadian data model and work flow. Some additional functionality included on-the-fly block splitting and handling of additional data layers. Citygate was used the 2000 and the 2010 redistricting cycles in Canada.

REDISTRICTING SUPPORT SERVICES FOR THE IOWA ASSOCIATION OF COMMUNITY COLLEGES AND SCHOOL BOARDS. Provided technical services in the development and implementation of a GIS application for school boundary redistricting. Iowa's 375 school community districts are being aggregated into fifteen Director Districts and Area Educational Associations (AEA), which serve as Iowa's managerial and community college districts.

TURN-KEY REDISTRICTING SERVICES FOR LOCAL GOVERNMENTS. Provided Census data development, redistricting, public presentations, map production, and legal descriptions for redistricting projects throughout the US, including: King County WA, Haverford Township PA, City of Newport RI, Adams County CO and Black Squirrel Creek Water district.

EXPERT WITNESS AND LEGAL SUPPORT IN REDISTRICTING CASES. Provided support to redistricting court cases, including map development, data analysis and in court testimony. Project included: Redistricting of City of Indianapolis IN for the Indiana Supreme Court. Redrawing the State of Indiana fair redistricting plan for the Indiana Secretary of State. Antony vs. Validoid, Redistricting plan for the County of San Diego before the California superior court.

ONSITE SUPPORT AT THE US CENSUS BUREAU. Worked onsite at the Census Bureau, providing support for the initial design, development and field testing of FDCA (Field Data Collection Automation) project.

ONSITE REDISTRICTING SUPPORT SERVICES FOR THE COUNTRY OF BERMUDA. Worked with the Ministry of Works and Engineering to develop the FED Election map for Bermuda. Project included development of tools for automated calculation of redistricting plans and presentation of plans to the Redistricting Commission and the President.

NAME:	Rajan Kaneria	
<h1>Sr. Developer</h1>		
TAGS:	Application Development ♦ Unix ♦ Linux ♦ Javascript♦ PHP♦ Oracle ♦ PostGRE♦ PostGIS Programming ♦ MySQL ♦ JQuery ♦ HTML ♦ SQL ♦ Apache ♦ Responsive Design ♦WordPress ♦ GitHub ♦ Mobile Development	
Years of Service at Citygate GIS: 5	Total Years of Experience: 9	
Education:	LDRP Institute of Technology and Research, Gujarat University Bachelor of Engineering (BE), Computer Engineering	
Location:	Mumbai, India	
Introduction:	Mr. Kaneria has been involved in the design, development and implementation of web applications for over 6 years. He has extensive experience with backend development in PHP and NodeJS. Additionally, Mr. Kaneria has extensive experience in the development of HTML, Javascript and CSS based web applications. Mr. Kaneria is the lead developer and project manager for Citygate’s web redistricting applications hosted on MYDISTRICTING.COM	
Relevant Experience	<p>SR DEVELOPER FOR THE CITYGATE MYDISTRICTING SYSTEM. Sr. developer and application architect for Citygate Mydistricting citizen redistricting system, public commenting and legislator lookup software.</p> <p>IMPLEMENTATION OF THE CITYGATE MYDISTRICTING SYSTEM FOR THE COMMONWEALTH OF VIRGINIA. Worked with Virginia Division of Legislative Services to install and test the Citygate redistricting viewing application and customize the interface to match State requirements. Additionally implemented legislator lookup software for the Virginia Senate.</p> <p>IMPLEMENTATION OF THE CITYGATE MYDISTRICTING SYSTEM FOR THE FAIRFAX COUNTY, VIRGINIA. Worked with Fairfax County to install and test the Citygate redistricting editing software import historical data into the software.</p> <p>SR DEVELOPER FOR THE CITYGATE IOPENGOV SYSTEM. Worked as SR developer for the iOpenGov software. Responsibilities included backend development in PHP, database configuration and REST API</p>	


support. Mr. Kaneria was also responsible for the development of mobile version of the iOpenEngage module in the iOpenGov suite.

SR DEVELOPER FOR CITYGATE IOPENGOV CUSTOMIZATION FOR OXY. Worked as the lead developer for the customization of the iOpenGov platform to support an Electrical Contractor for Occidental Petroleum in the Permian Basin in Texas.

LEAD BACKEND DEVELOPER FOR CITYGATE'S IOPENASSET APPLICATION. Worked as the lead backend developer for the development of the iOpenAsset asset management. Responsibilities included development of the geospatial selection and viewing tools, design and implementation of work order management and field collection interfaces including tools for display of notifications, damage reports and weather data.

DEVELOPER FOR THE CITYGATE WEB BASED PRECINCT REDLINE TOOL. Mr. Kaneria was the lead designer and developer for the Citygate VTD redlining tool. The application is designed to support the 2020 Decennial Census Phase 2 data collection, allowing county/city clerks and other officials in charge of elections to validate and redline precinct boundaries which are submitted to the Secretary of State and in turn to the Census Bureau.

DEVELOPER FOR CITYGATE ROUTEABUS.COM. Worked as the developer for the routeabus.com web based bus routing portal. Responsibilities included backend development, database configuration, and API development.

NAME:	W. Kent Stigall Sr.	
<h1>Consulting Services</h1>		
TAGS:	Redistricting ♦ Legislative ♦ GIS ♦ Project Management ♦ Government Services ♦ ArcGIS ♦ Programming ♦ Access ♦	
Years of Service at Citygate GIS: 1	Total Years of Experience: 36	
Education:	ESRI ArcGIS Autobound Redistricting	
Location:	Richmond, Virginia	
Introduction:	<ul style="list-style-type: none"> ➤ Over 35 years of experience in the Legislative branch of Virginia Government. ➤ 30+ years of experience providing GIS, technology and legislative redistricting expertise to Virginia's legislators, legislative staff and the Division of Legislative Services. ➤ Project manager/Senior GIS specialist for the 2001 and 2011 redistricting cycles of Virginia. ➤ Programmer/Analyst during the 1991 redistricting cycle of Virginia ➤ Provided "technical expertise" to the Special Master appointed by the courts to re-draw the Virginia congressional districts in 2015 and the House districts in 2018. 	
Relevant Experience		
JANUARY 1998 TO FEBRUARY 1, 2020 (RETIRED) – VIRGINIA DIVISION OF LEGISLATIVE SERVICES		

Senior GIS Specialist

- Developed the budget for 2001, 2011 and 2021 for Legislative Services to provide redistricting to Virginia’s legislature.
- Researched and determined the best application and GIS software for redistricting Virginia in 2001 and 2011. Provided initial research for 2021 redistricting prior to retirement.
- Built the data set used by Virginia and the “Special Master” for redistricting from the Census Data and the State Board of Elections (historical election results).
- Worked with the redistricting software developer to assure the chosen redistricting application met all of Virginia’s needs and expectations.
- Worked with contractors designing, developing and maintaining 3 different Division of Legislative Services redistricting websites.
- Utilized ESRI products ArcView, ArcMap and ArcGIS extensively to generate maps, ad hoc reports and data.
- Hired and supervised one employee.
- Trained and supported superiors, legislators, legislative aides and co-workers in the use of the redistricting application.
- Made presentations on “Redistricting Virginia” to Virginia legislative committees, universities and colleges.

SEPTEMBER 1984 TO JANUARY 1998 – VIRGINIA DIVISION OF LEGISLATIVE AUTOMATED SYSTEM

- Programmer/Analyst

Prior Experience

Citygate has been providing redistricting software and support services for over 25 years. Our firm is unique among so also provide turnkey redistricting services where our team creates the redistricting databases, hold public hearings and elected officials to draw and publish plans. This places Citygate in the unique position of not only having experience in development, but have an in-depth understanding of the legal, political and demographic challenges of redistricting. Our services to numerous agencies as well as served as court appointed redistricting master for a state supreme court.

In addition to redistricting services, Citygate has extensive experience with the US Census Bureau in collecting the data. This work included creating precinct layers for the state of Connecticut. As a result, our staff have an in depth understanding behind the Census.

The following is a partial list of past projects which Citygate has been engaged in:

DEMOGRAPHIC AND GIS CONSULTING SUPPORT FOR THE CITY OF AUSTIN’S FIRST CITIZEN REDISTRICTING COMMISSION

The Boundary of the City of Austin is a complex polygon which straddles 4 Counties. Citygate GIS was tasked with developing population districts which adequately addressed the City’s diverse minority demographics. Citygate’s autoBound software required demographic data from GIS files provided by the US Census Bureau, and Travis, Bastrop, Williamson and Hays counties. The data included more than 260 columns of data, including population, housing counts and racial and voting age demographics. The data was presented to the City’s redistricting commission and was subsequently used to create 10 Commission districts for the City of Austin.

2000/2010 REDISTRICTING SOFTWARE AND CONSULTING SUPPORT FOR MULTIPLE STATES. Provided Redistricting software and trained state users performing redistricting. Additionally, provided support for a variety of database development efforts including creating election results databases. Some of the State and National agencies for which support was provided include:

State of Connecticut 2000/2010	State of Virginia 2000/2010	State of Pennsylvania 2000/2010
State of Alaska 2000/2010	State of Indiana 2000/2010	State of Nevada 2000/2010
State of Washington 2000/2010	State of South Dakota 2000/2010	State of Wisconsin 2000/2010
State of Nebraska 2000/2010	State of Illinois 2000/2010	State of Colorado 2010
State of South Carolina 2000	State of Michigan 2000/2010	State of Oregon 2000/2010
State of Utah 2000/2010	State of Idaho 2000	Country of Canada 2000/2010
State of Hawaii 2000	State of Arkansas 2000/2010	State of New Mexico 2000/2010

2011 DEVELOPMENT OF COMMISSION REDISTRICTING TOOL FOR ELECTIONS CANADA. AutoBound is a redistricting software developed by Citygate. The software was procured by Elections Canada for use with Canadian data model and work flows. Project requirements included capability for on-the-fly block splitting and handling of additional StatCAN data layers. Citygate was used in the development and reengaged for the 2011.

REDISTRICTING SUPPORT SERVICES FOR THE IOWA ASSOCIATION OF COMMUNITY COLLEGES AND SCHOOL BOARDS. Provided technical services in the development and implementation of an analytic application for school boundary redistricting. The application aggregates community districts into fifteen Director Districts and Area Educational Associations (AEA), which are used for school and community college districts.

TURN-KEY REDISTRICTING SERVICES FOR LOCAL GOVERNMENTS. Provided Census data development, redistricting software, map production, and legal descriptions for redistricting projects throughout the US, including: King County WA, Haverhill MA, Newport RI, Adams County CO, Black Squirrel Creek Water district, City of Indianapolis IN, and City of Austin TX.

EXPERT WITNESS AND LEGAL SUPPORT IN REDISTRICTING CASES. Provided support to redistricting court cases, including map development, data analysis and in court testimony. Project included: Redistricting of City of Indianapolis IN for the Indiana State Redistricting Commission, Redrawing the State of Indiana fair redistricting plan for the Indiana Secretary of State. *Antony vs. Validoid*, Redistricting of San Diego before the California superior court.

Reference Projects.

Client	State of Virginia
Address	910 Capital Square Second Floor Assembly Building Richmond, Virginia 23219
Contact	Ms. Julie Smith Phone: 804.698.1842 Email: jsmith@dls.virginia.gov
Years Services and cost	2000 – Present \$90,000
Names of key personnel and their specific responsibilities	Mr. Fred Hejazi, Patrick Obrien, Frank Conry Provided database and Census data for the 2000 - 2010 Congressional and Legislative redistricting. Additionally, provided customized software to the state. Implemented district viewer and legislator lookup software for 2020.

Client	State of Nevada
Address	401 S Carson St., Carson City NV 89701-4747
Contact	Ms. Kathy Steinle Phone: Email: 775.684.1318 steinle@lcb.state.nv.us
Years Services and cost	1999 – 2011 \$80,000
Names of key personnel and their specific responsibilities	Mr. Fred Hejazi Redistricting Software and Consulting Services for the State of Nevada redistricting process.

Client	Bickerstaff, Heath, Smiley, Pollan, Kever, LLP
Address	1700 Frost Bank Plaza, Austin, Texas 78701-2443
Contact	Ms. Sherry McCall Phone: Email: 972.899.1783 SMcCall@bickerstaff.com
Years Services and cost	1999 – Present \$77,000
Names of key personnel and their specific responsibilities	Mr. Fred Hejazi Redistricting Software and Consulting Services for various redistricting projects throughout the state of Texas.

Client	State of Indiana
Address	200 West Washington St. Suite 301 Indianapolis, IN 46204
Contact	Mark Stratton Phone: Email: mark.stratton@iga.in.gov 317.233.9294
Project schedule and cost	1999 – 2011 \$65,000
Names of key personnel and their specific responsibilities	Mr. Fred Hejazi, Frank Conry Redistricting and Census Data Support for the State of Indian in 2000 and 2010 Redistricting Cycles



OFFICE OF CENSUS DATA
INDIANA LEGISLATIVE SERVICES AGENCY

June 4, 2020

Mr. Fred Hejazi
Citygate GIS LLC
857 Childs Point Road
Annapolis, Maryland 21401

Dear Mr. Hejazi:

I am forwarding this letter of reference as related to your work with the State of Indiana for the 2000 and 2010 redistricting cycles. The State of Indiana used the autoBound software developed by your firm for both cycles. Additionally, in 2000, we also used your firm to help us with modifications to the Census data related to certain issues involving precincts. Your firm also provided customization, training and technical support during the redistricting process.

Your firm's work in both cycles was exceptional, and allowed the State of Indiana to complete its redistricting work in a timely manner.

Lastly, neither I, nor the Legislative Services Agency or any agent or department thereof, is getting compensation or anything of value in return for this recommendation.

If you have any questions, please do not hesitate to contact me.

Sincerely,

 Mark Allen Stratton
 Co-Manager

200 W. WASHINGTON ST., STE. 300 • INDIANAPOLIS, IN 46204-5709
PHONE: 317-228-0204 • FAX: 317-228-0100 MARK.STRATTON@LSA.IN.GOV



Election Data Services

6171 Emerywood Court
Manassas, Virginia 20112
202.789.2004 tel. or
703.580.7267
703.580.6258 fax
info@electiondataservices.com
Kimball W. Brace
President

June 3, 2020

Fred Hejazi
Citygate GIS LLC
857 Childs Point Road
Annapolis, Maryland 21401

Dear Mr. Hejazi

I am forwarding this letter of reference as it relates to your work with Election Data Services, Inc. for the 2000 and 2010 redistricting cycles, as well as our continuing to use the software for redistricting court cases between the decades with your support. Our firm used the autoBound software developed by your firm for both cycles for four states and numerous local counties and jurisdictions, both large and small. Your firm also provided customization, training and technical support during the redistricting process.

Citygate's work in the past 20 years was exceptional and innovative and has allowed our firm's redistricting clients to create and finalize plans in a timely manner and successfully completing their redistricting efforts.

It has been a pleasure to work with you over this timeframe.

If you have any questions, please do not hesitate to contact me.

Sincerely,

 Kimball Brace
 President
 Election Data Services, Inc.

"Experts in Elections Redistricting & GIS"



Bickerstaff
Health Delgado Acosta LLP

June 4, 2020

Mr. Fred Hejazi
Citygate GIS LLC
857 Childs Point Road
Annapolis, Maryland 21401

Dear Mr. Hejazi

I am forwarding this letter of reference as related to your work with Bickerstaff Health Delgado Acosta LLP for the 2000 and 2010 redistricting cycles. Our firm used the autoBound software developed by your firm for both cycles for numerous redistricting projects and litigation throughout the State of Texas. Your firm also provided customization, training, and technical support during the redistricting process.

Citygate's work in both cycles was satisfactory and allowed our firm's redistricting and litigation clients to create and finalize plans in a timely manner and successfully completed their redistricting efforts. We have continued to utilize autoBound throughout the decade to serve our clients' with their mid-decade redistricting projects.

If you have any questions, please do not hesitate to contact me.

Kindest Regards,

 Sherry McCall
 GIS and Redistricting Specialist
 Bickerstaff Health Delgado Acosta LLP

3711 S. MoPac Expressway, Building One, Suite 300, Austin, TX 78746 | Phone: 512-472-8021 | Fax: 512-320-5638 | www.bickerstaff.com
Austin El Paso Houston

Appendix

Required Form

PROPOSAL SIGNATURE FORM

The undersigned attests to his/her authority to submit this proposal and to bind the entity/firm herein named to perform in accordance with an agreement entered into with the County, if the entity/firm is awarded the agreement by the County. The undersigned further certifies that he/she has read the entire Request for Proposals package, and any other documentation relating to the Request for Proposals, and that this proposal is submitted with full knowledge and understanding of the requirements and time constraints noted herein.

Type of Organization (please check one):

- INDIVIDUAL []
PARTNERSHIP []
CORPORATION []
JOINT VENTURE []
LLC [x]

Firm Name: CityGate GIS

Home Office Address: 857 Childs Point Road

City, State, Zip: Annapolis, Maryland, 21401

Address (Servicing Levy County if Different from Above):

Email Address: fhejazi@citygategis.com

Name/Title of Levy County Rep:

Telephone: Fax:

Signature: [Handwritten Signature] Date:

Is Proposer a small or minority business, women's business enterprise, or labor surplus area firm?

[] Yes [x] No (Check which is applicable)

As Addenda are considered binding as if contained in the original Request for Proposals, it is critical each proposer acknowledge receipt of same. The submittal may be considered void if receipt of addendum is not acknowledged.

Receipt of Addenda Acknowledged:
Addendum No. Dated Signature
Addendum No. Dated Signature
Addendum No. Dated Signature

DRUG FREE WORKPLACE FORM

The undersigned Proposer in accordance with Section 287.087, Florida Statutes, hereby certifies that the Proposer CityGate GIS (name of firm or individual) does:

1. Publish a statement notifying employees that the unlawful manufacture, distributions, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.
2. Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintain a drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.
3. Give each employee engaged in providing the commodities or contractual services that are under bid a copy of the statement specified in subsection (1).
4. In the statement specified in subsection (1), notify the employees that, as a condition of working on the commodities or contractual services that are under bid, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) days after such conviction.
5. Impose a sanction on, or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community, by any employee who is so convicted.
6. Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section.

As the person authorized to sign the statement, I certify that this firm complies fully with the above requirements.

NAME OF PROPOSER:

Jake Hejazi

Signature:



Title: Project Manager

Date: 7/30/2021

NON-COLLUSION AFFIDAVIT

I, Jake Hejazi of the County of Anne Arundel

According to law on my oath, and under penalty of perjury, depose and say that:

1. I am Project Planner of the firm of CityGate GIS providing this proposal in response to the RFP for Remediation Services, and that I executed the said proposal with full authority to do so.
2. This response has been arrived at independently without collusion, consultation, communication or agreement for the purpose of restricting competition, as to any matter relating to qualifications or responses of any other responder or with any competitor; and no attempt has been made or will be made by the responder to induce any other person, partnership or corporation to submit, or not to submit, a response for the purpose of restricting competition;
3. The statements contained in this affidavit are true and correct, and made with full knowledge that Levy County relies upon the truth of the statements contained in this affidavit in awarding contracts for any services resulting from this RFP for said project.

Signature of Proposer Representative

7/30/2021

Date

STATE OF: Maryland
COUNTY OF: Anne Arundel

Sworn to (or affirmed) and subscribed before me by means of _____ physical presence or _____ online notarization, this _____ day of _____, 20____, by _____ (name), as _____ (title) for _____ (name of proposer). _____ Personally known OR _____ Produced Identification _____ (type of identification)

NOTARY PUBLIC

My Commission Expires: _____

CONFLICT OF INTEREST DISCLOSURE STATEMENT

The award hereunder is subject to the provisions of Chapter 112, Florida Statutes. All proposers must disclose with their proposals or bids whether any officer, director, employee or agent is also an officer or an employee of the Board of County Commissioners. All proposers must disclose whether any officer, partner, director or proprietor is the spouse or child of one of the members of the Board of County Commissioners. All proposers must disclose the name of any County officer or employee who owns, directly or indirectly, an interest of five percent (5%) or more in the firm or any of its branches or affiliates. All proposers must also disclose the name of any employee, agent, lobbyist, previous employee of the Board, or other person, who has received or will receive compensation of any kind in connection with the response to this RFP. All proposers are also required to include a disclosure statement of any potential conflict of interest that the proposer may have due to other clients, contracts, or interest associated with the performance of services under this RFP and any resulting agreement. Use additional sheets if necessary.

Names of Officer, Director, Employee or Agent that is also an Employee of the Board:

Names of Officer, Partner, Director or Proprietor who is spouse or child of Board Member:

Names of County Officer or Employee that owns 5% or more in Proposer's firm:

Names of applicable person(s) who have received compensation:

Description of potential conflict(s) with other clients, contracts or interests:

None of the above applicable: X

Signature: _____ Printed Name: _____

Proposer Name: _____

Date: _____

Request for Taxpayer Identification Number and Certification

**Give Form to the
 requester. Do not
 send to the IRS.**

Print or type See Specific Instructions on page 2.	Name (as shown on your income tax return)	
	Business name/disregarded entity name, if different from above	
	Check appropriate box for federal tax classification: <input type="checkbox"/> Individual/sole proprietor <input type="checkbox"/> C Corporation <input type="checkbox"/> S Corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Trust/estate <input type="checkbox"/> Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=partnership) ▶ _____ <input type="checkbox"/> Other (see instructions) ▶ _____	
	<input type="checkbox"/> Exempt payee	
	Address (number, street, and apt. or suite no.)	Requester's name and address (optional)
City, state, and ZIP code		
List account number(s) here (optional)		

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on the "Name" line to avoid backup withholding. For individuals, this is your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the Part I instructions on page 3. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN* on page 3.

Social security number									

Note. If the account is in more than one name, see the chart on page 4 for guidelines on whose number to enter.

Employer identification number									

Part II Certification

Under penalties of perjury, I certify that:

1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me), and
2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding, and
3. I am a U.S. citizen or other U.S. person (defined below).

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions on page 4.

Sign Here	Signature of U.S. person ▶	Date ▶
------------------	----------------------------	--------

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Purpose of Form

A person who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) to report, for example, income paid to you, real estate transactions, mortgage interest you paid, acquisition or abandonment of secured property, cancellation of debt, or contributions you made to an IRA.

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN to the person requesting it (the requester) and, when applicable, to:

1. Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),
2. Certify that you are not subject to backup withholding, or
3. Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income.

Note. If a requester gives you a form other than Form W-9 to request your TIN, you must use the requester's form if it is substantially similar to this Form W-9.

Definition of a U.S. person. For federal tax purposes, you are considered a U.S. person if you are:

- An individual who is a U.S. citizen or U.S. resident alien,
- A partnership, corporation, company, or association created or organized in the United States or under the laws of the United States,
- An estate (other than a foreign estate), or
- A domestic trust (as defined in Regulations section 301.7701-7).

Special rules for partnerships. Partnerships that conduct a trade or business in the United States are generally required to pay a withholding tax on any foreign partners' share of income from such business. Further, in certain cases where a Form W-9 has not been received, a partnership is required to presume that a partner is a foreign person, and pay the withholding tax. Therefore, if you are a U.S. person that is a partner in a partnership conducting a trade or business in the United States, provide Form W-9 to the partnership to establish your U.S. status and avoid withholding on your share of partnership income.

VENDOR INFORMATION SHEET

DATE: 7/30/2021

COMPANY NAME: CityGate GIS

PHYSICAL ADDRESS: 857 Childs Point Road

MAILING ADDRESS: 857 Childs Point Road

CITY: Annapolis STATE: Maryland ZIP: 21401

TELEPHONE NUMBER: 410-707-2083

FAX NUMBER: _____

TOLL FREE NUMBER: _____

EMAIL: fhejazi@citygategis.com

FEID NUMBER: _____ OR SSN: _____

CONTACT PERSON: Fred Hejazi

TITLE: _____

CONTACT NUMBER: 410-707-2083



The information requested above is necessary to update our files or to add your name to the County's vendor list. You are a vital part of the operation of Levy County and we want to thank you for your support. The information on this form will allow us to pay you for the goods and/or services we have received in a timely manner and give us the ability to contact the necessary person in case there is a problem or question in processing.

ATTACHMENT "A"
FEE PROPOSAL

The undersigned, as proposer, does hereby declare that he has read the Request for Proposal, General Instructions, Scope of Services, Proposal Formant & Evaluation Method and Required and Optional Forms, any addenda that may have been issued, and any other documentation for RFP_2021_004, Redistricting Consulting Services.

Each Proposer shall state full price for Consulting Services.

1. Consulting Services: \$ 70,000

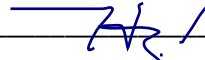
Proposal amount shall be firm for the contract period. Please list any substitutions or additional charges, if any, on a separate page.

Name of Business: Citygate GIS

Contact Person: Fred Hejazi

Email Address: fhejazi@citygateGIS.com

Date: 7/30/2021

Authorized Signature: 

NON-COLLUSION AFFIDAVIT

I, Jake Hejazi of the County of Anne Arundel

According to law on my oath, and under penalty of perjury, depose and say that:

1. I am Project Planner of the firm of CityGate GIS providing this proposal in response to the RFP for Remediation Services, and that I executed the said proposal with full authority to do so.
2. This response has been arrived at independently without collusion, consultation, communication or agreement for the purpose of restricting competition, as to any matter relating to qualifications or responses of any other responder or with any competitor; and no attempt has been made or will be made by the responder to induce any other person, partnership or corporation to submit, or not to submit, a response for the purpose of restricting competition;
3. The statements contained in this affidavit are true and correct, and made with full knowledge that Levy County relies upon the truth of the statements contained in this affidavit in awarding contracts for any services resulting from this RFP for said project.

[Handwritten Signature]

7/30/2021

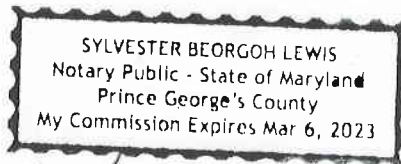
Signature of Proposer Representative

Date

STATE OF: Maryland

COUNTY OF: Anne Arundel

Sworn to (or affirmed) and subscribed before me by means of TD physical presence or online notarization, this 30 day of July, 2021, by Jake Farhad Hejazi (name), as Project Planner (title) for City Gate GIS (name of proposer). Personally known OR Produced Identification Driver's License (type of identification)



[Handwritten Signature]

 NOTARY PUBLIC

My Commission Expires: 6th March 2023