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**BID #117-2022**

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**General Surveying Services  
Division of Water Quality**

Lexington-Fayette Urban  
County Government

September 27, 2022



engineering | architecture | geospatial

GRW | 801 Corporate Drive | Lexington, KY 40503 | 859.223.3999



engineering | architecture | geospatial



## BID #117-2022

# General Survey Services - Division of Water Quality

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September 27, 2022

Division of Central Purchasing  
Lexington-Fayette Urban County Government  
Room 338, Government Center  
200 East Main Street  
Lexington, KY 40507

**Re: BID #117-2022: General Surveying Services Division of Water Quality**

Dear Selection Committee Members:

GRW has the qualifications you need including decades of LFUCG experience, completion of numerous surveying and transportation projects, and local interest in Central Kentucky and the surrounding areas.

This GRW team has a long history of providing surveying services for municipal infrastructure projects, including many for you. In addition, most of our team members are long-time and involved members of the Lexington community.

This GRW team has the experience, dedication, interest, and capacity you are looking for. Please contact me if you have any questions regarding our experience or qualifications document. We look forward to continuing our working relationship with LFUCG.

Sincerely,

A handwritten signature in black ink that reads "Ben D. Fister".

Ben D. Fister, PLS  
Sr. Vice-President

[bfister@grwinc.com](mailto:bfister@grwinc.com) | 859-223-3999

# 1.0 Firm Qualifications

## Firm's Name and Contact

### GRW | Ben Fister, PLS Senior Vice-President

801 Corporate Drive | Lexington, KY 40503-5404  
Tel: (800) 432-9537 or (859) 223-3999 ext. 234  
Fax: (859) 519-4507 | bfister@grwinc.com | www.grwinc.com

## Name of Firm / Ownership/Year Established

Formed in 1964, GRW Engineers, Inc. (dba GRW) is a Large, Private Corporation, with 200 Personnel.

## Background, Services, and Financial Strength

GRW was founded by Mr. G. Reynolds Watkins. We provide engineering, aerial photography, LiDAR, mapping, surveying, GIS, architectural design, and related services. GRW's longevity and strong financial stability are due in part to our commitment to customer satisfaction and excellent record of performance. Our Dun & Bradstreet number is: 051833994. *Insurance Reference:* Powell Walton Milward | Sandy Black | 360 East Vine Street, Lexington, KY 40508 | (859) 254-8023. *Trade Credit Reference:* Lynn Blue Print | 328 Old East Vine Street, Lexington, KY 40508 (859) 255-1021

From Boundary Surveys to Topographic Surveys, to Geodetic Control Surveying, and many more specialized fields, our cutting-edge technology has resulted in the successful delivery of quality projects throughout the United States.

We have conducted numerous similar survey projects in Kentucky and across the nation involving all of the tasks required for this contract. In completing these projects, GRW has developed extensive quality control and data validation procedures to ensure that the data delivered to the client will be of the highest quality.

GRW is proud to have:

- ✓ Multiple Qualified Professionals – including numerous Kentucky Licensed Professional Land Surveyors
- ✓ The latest in surveying hardware and software
- ✓ Highly trained technical staff
- ✓ An active role in the Kentucky Association of Professional Land Surveyors
- ✓ Provided services Central Kentucky since 1974
- ✓ Multiple MBE/DBE subs to assist us when possible

## Multidiscipline Team

With a staff of more than 200 professionals, GRW offers comprehensive technical expertise for all types of infrastructure design from concept design through construction administration and inspection. Our wide range of professional services includes:



*GRW's Headquarters, based in Lexington, KY*



- Ground Surveys
- Aerial Photography, Mapping and Surveying
- LiDAR
- Transportation Engineering
- Water, Wastewater and Stormwater Engineering
- Civil/Site Engineering
- Landscape Architecture
- Electrical Engineering
- Mechanical Engineering
- Structural Engineering
- Architecture
- Master Planning
- Geographic Information Services
- Construction Administration and Resident Project Representation (Inspection)
- Operations & Management Support
- Cost Estimating
- Sustainable Design
- Anti-Terrorist Force Protection and Physical Security
- AutoCAD, MicroStation, and BIM Deliverables

## GRW Knows Kentucky and LFUCG

When it comes to navigating the ins-and-outs of working with Commonwealth of Kentucky regulatory entities, GRW leads the way. Since our founding in 1964, a substantial portion – approximately 70% – of our work has been completed for clients such as the Lexington-Fayette Urban County Government. For LFUCG, we have completed survey, mapping, wastewater, stormwater, more than 75 roadway, sidewalk/streetscape, building, and GIS projects over the past 50 years. This experience makes GRW personnel well versed in LFUCG’s design criterion, procedures, and standard drawings and specifications. We also have a thorough understanding of the Commonwealth’s applicable codes and regulatory requirements.

### Expertise with Required Scope of Services

GRW has Open End surveying and mapping projects in Kentucky and throughout the United States. We use cost-effective techniques and a customized quality control plan, ensuring the successful outcome of your products.

### Your Go-To Specialists in Surveying

GRW has over 50 years of surveying experience. We would like to think we have seen it all, but we know we haven’t and are up for whatever challenge is thrown our way. To do this we are constantly training our personnel and are always looking for new, innovative, and/or cost-cutting surveying procedures. These items often enhance a deliverable or save our clients time and money.

Survey projects are managed by Mr. Brian Novy, CST II, Project Survey Manager. Mr. Novy has over 16 years of surveying experience, including Boundary Surveys of many types, Planimetric Surveys, ALTA Surveys, Topographic surveys, Hydrographic Surveys, and high-order Geodetic Control Surveys.

GRW’s survey crews are experienced in performing complex assignments in diverse and challenging situations. We maintain a staff of highly trained personnel, and our own in-house equipment, so we can mobilize on short notice.



GRW has surveyed hundreds of miles of boundary lines and topographic surveying projects. Our survey data is always strictly monitored to ensure complete accuracy. In addition, GRW owns and operates our own survey equipment.

**GRW has over 40 years of experience providing:**

- ✓ Topographic, easement, roadway, and right-of-way surveys
- ✓ Boundary/Property surveys and analysis and monumentation
- ✓ Preparation of easement or right-of-way exhibits and legal descriptions
- ✓ Property line staking
- ✓ Property or easement research
- ✓ Legal Descriptions
- ✓ Underground utility location (In conjunction with a separate utility excavation contractor)
- ✓ Preparation of alignment profiles showing existing ground, existing overhead and underground utilities.
- ✓ Record drawing preparation
- ✓ Identification of various infrastructure mapped and/or unmapped
- ✓ Title Searches



**Examples of a portion of our extensive experience are shown below.**

**Boundary Surveying**

Our survey crews have completed property line boundary retracement surveys & property division surveys for numerous entities, including, but not limited to:

- The US Army Corps of Engineers (Louisville, Nashville, Jacksonville, Mobile & Pittsburgh Districts)
- Kentucky National Lands Trust
- Toyota Automotive Manufacturing Plant
- Norfolk Southern Railroad
- US National Parks Service
- Federal Bureau of Prisons
- Kentucky Department of Fish and Wildlife Resources (KDFWR)
- Lexington - Fayette & Urban Community Government
- Keeneland Racetrack - Kentucky Finance Cabinet
- Numerous other clients

**GPS (GNSS) Surveys**

GRW has been operating GPS equipment, now referred to as GNSS (Global Navigation Satellite System), since 1986. We pride ourselves on having kept up with the latest technologic improvements offered in the equipment over the years as well. A lot has changed since our first single frequency receivers were purchased that had to left in the back of the truck because they were too big to move. Now several decades later, we pride ourselves on having the latest Trimble GNSS equipment that can fit in the palm

of your hand. It is noteworthy to mention that we are in the process of replacing several of our antiquated geodetic GPS (non-GNSS) receivers by the end of the year.

### Major and Minor Subdivisions & Platting

GRW has worked within the city of Lexington over the years on various projects. We are familiar with their rules and regulations. We have also worked with other organizations throughout the state which gives us a unique perspective on how to approach certain situations. We have successfully completed numerous major and minor subdivisions over the years throughout the Commonwealth.

### Construction Staking

Construction staking is oftentimes overlooked by many contractors as an area not needed to be completed by professional surveyors. This has oftentimes led to less than satisfactory results once the job is completed. The lack of a professional onsite during the construction project can also lead to costly go-backs and even re-construction. GRW has surveyed small land development sites, to 600 unit apartment complexes, to utility staking, and to continuously staking building grid lines for every floor of several multi-story high rises. You can count on GRW to do it right the first time.

### Topographic, Planimetric and Construction Site Surveys

As a rule, every engineering project requires a topographic site survey before any improvements are made. GRW has successfully completed on time; numerous construction, planimetric and topographic surveys throughout the Commonwealth. GRW routinely performs these tasks, including but not always limited to; the location of property corners, collecting ground shots to define grade breaks & other line breaks to define the lay of the land. As well as overhead and subsurface utilities and other visible improvements that will affect the final design.

GRW's survey personnel have performed topographic surveys employing various techniques, including utilization of aerial photography, utilizing the KY VRS Network, RTK GNSS from a local base on local control (such as LOJIC), fully robotic, spatial imaging and standard reflector-less total stations. The selected survey technique and tool depends on site characteristics and requirements such as terrain, vegetation, desired accuracy, and physical improvements. GRW prides itself on having multiple tools in its toolbox. This allows our field crews to use the right tool when the job calls for it.

### Geodetic Control Networks

As stated above; GRW has been operating GPS equipment, now referred to as GNSS (Global Navigation Satellite System), and designing countywide control networks, since 1986. Our specialized expertise and local knowledge includes all measurements and procedures required for any project. Our survey department has successfully completed hundreds of projects with high accuracy throughout the United States. Some local examples include the installation and maintenance of the LOJIC control network in Louisville, KY, the Frankfort Plant Board (FPB) control network in Franklin County, KY, and the Lexington-Fayette County Kentucky (LFUCG) control network, originally designed and installed by GRW.

### Elevation Determinations (Differential and Digital Leveling)

GRW has the necessary equipment and is very experienced utilizing leveling equipment to determine position elevations. We have four (4) digital levels, one of them being setup for first order leveling. Every truck has a top of the line differential level kept in it at all times. We always level through all of our primary control and set at least two (2) benchmarks on every site that we collect three dimensional points on. We

are aware of the risk involved by not adhering to proper procedures. We try to always turn through every point, kick a leg and relevel when needed, keep our level line legs as even as possible and run 3-wire leveling. GRW has performed GPS Height Modernization surveys for the National Geodetic Survey in two counties in North Carolina and has completed several Counties' worth of Height Modernization Surveys in the state of Kentucky. We ran second order leveling on the original LFUCG control network to NGS specifications.

#### Easement Plats

GRW has located and prepared written legal descriptions and plats for miles of sanitary, storm sewer, gas and water line projects, including utility and related property easements. GRW has produced recordable plats and written utility easement descriptions for MSD, Indiana-American Water Company, Kentucky-American Water Company, and West Virginia-American Water Company. We have also established highway ROW for federal, state, county, and municipalities throughout Kentucky with plats and easements descriptions.

#### Deed/Title Research

Mr. Rinehart & Mr. Shear both have close to 80 years of combined experience in deed research. Mr. Shear in particular, works on a nearly daily basis researching property titles and ownership on multiple KYTC projects throughout the state. He uses any and all tools at his disposal to determine the sometimes odd question of, "Who actually owns this?"

#### Setting & Re-Setting Boundary Corners

GRW always makes an extensive effort to recover the original corner. But sometimes the corner is lost or obliterated. When a corner is destroyed, GRW normally replaces the corner with a No. 5 rebar cut to at least 24 inches in length with an aluminum cap stamped with the Surveyor in responsible charge's name and license number. In areas where a typical pin and cap cannot be set, a mag nail & washer stamped with the surveyor's license number is set. GRW can also set monuments that are requested by the client as long as the requested monument meets or exceeds the standards set forth in 201 KAR 18:150.



## 2.0 Key Personnel

GRW's key personnel assigned to this contract have an average of over 20 years of surveying and mapping experience. We have accomplished literally hundreds of relevant federal, state, and municipal projects. Below is the list of our key personnel; resumes are attached on the following pages.

<b>Employee Name, Project Duties</b>	<b>Registrations</b>	<b>Total Years' Experience</b>
<b>Ben Fister, PE, PLS, PSM, Principal-in-Charge</b>	KY Professional Land Surveyor #1966 KY Professional Engineer - Civil #8420	45
<b>Dan Marsh, CP, PLS, CMS QA/QC</b>	KY Professional Land Surveyor #4071 Certified Photogrammetrist #R1019 Certified Mapping Scientist #155	36
<b>L. Rinehart, PLS, Consultant, Surveyor &amp; Party Chief</b>	KY Professional Land Surveyor #2283	39
<b>Ray Shear, PLS, Staff Surveyor</b>	KY Professional Land Surveyor #2685	39
<b>Brian Novy, CST II FAA CRP Survey Project Manager</b>	Certified Survey Tech II #0819-6657 FAA CRP #4046295	16
<b>Rob Hench, GISP GIS Manager</b>	Certified GIS Professional (GISP)	34

**Multiple Survey Crews are available as needed.**

**GRW's key personnel are supported by a staff of 200, including:**

- 10 KY Licensed Professional Surveyors
- 40 Mapping/GIS Specialists
- 20+ Professionals

## Ben Fister, PE, PLS, PSM | Principal-in-Charge/Senior Project Manager

**Years of Experience:** 45

**Years with GRW:** 41

### Education

B.A., Physics, 1966, Villa Madonna College / B.S., Civil Engineering, 1968, University of Kentucky / M.S., Civil/Environmental Engineering, 1972, University of Kentucky

**Registration:** KY PE/Civil #8420, KY PLS #1966

Additional licenses in AL, MD, FL, IN, IL, LA, MS, NC, OH, OK, TN, WV, GA, and VA.



### Professional Affiliations

American Society of Photogrammetry & Remote Sensing

National Society of Professional Engineers | Water Pollution Control Federation

### Qualifications and Similar Project Experience

Mr. Fister is Vice-President of GRW, a multi-disciplined Engineering, Design and Geospatial Mapping firm with offices nationwide. With over 40 years of experience, he has M.S. and B.S. degrees from the University of Kentucky in Civil Engineering. Mr. Fister is a Professional Land Surveyor in 12 states and a Professional Engineer in 14 states. He has managed surveying, mapping, design and transportation projects in all 48 contiguous states, including multi-million dollar contracts improving the nation's highways and infrastructure. Mr. Fister is proficient in the latest technology, and has been an adjunct professor at the University of Kentucky, teaching GIS/GPS and Photogrammetry.

**Lexington-Fayette Urban County Government, KY** - Principal-in-Charge. Accomplished several LFUCG surveys, including the current GPS and High Definition Survey of downtown Lexington. Past projects have involved monumentation, utility surveying, GIS data collection, digital mapping and GPS control.

**Kentucky Transportation Cabinet** – Principal-in-Charge. Completed several statewide surveying, aerial mapping and remote sensing projects for the Kentucky Transportation Cabinet over the last decade. Tasks have included control, GPS surveys, monumentation, mapping and related services.

**USACE-Fort Knox Boundary Survey** - Principal-in-Charge. GRW has successfully completed over 32 mile boundary surveying at the Fort Knox Military Reservation for the U.S. Army Corps of Engineers, Louisville District. The projects include legal research, boundary surveying, corner and on-line monuments, sign placement and map creation.

**Indiana American Water Company** – Principal-in-Charge. GRW has accomplished several projects for INAWC, with tasks including surveying, mapping, engineering, design, GIS, and related services. A few of our recent work orders have included engineering, surveying and design of the Cleveland Street Water Main and Pump Station; and surveying and engineering design for the State Route 43 water transmission main involving over 17,660 LF.

**Louisville Jefferson County Information Consortium (LOJIC)** – Principal-in-Charge for an extensive survey project in Jefferson County, KY, establishing a densified network of monumented horizontal and vertical control and reference marks. LOJIC contracted with GRW to install and measure approximately 112 new survey control monuments throughout Jefferson County. The project resulted in a countywide network of highly accurate survey reference points.

## Brian Novy, CST II | Survey Project Manager

**Years of Experience:** 16

**Years with GRW:** 12

**Education:** Certificate of Completion, Criminal Justice, Okaloosa Walton College

**Registration:** Certified Survey Tech II #0819-6657, Certified UAS Pilot #4046295

### Qualifications and Similar Project Experience

Mr. Novy has over fifteen years of experience as a Surveyor and Party Chief, and is extremely skilled in GPS and conventional surveying procedures. He is a Certified Survey Tech II and UAS Certified pilot and has received training by NGS (National Geodetic Survey) on highly detailed height modernization and geodetic surveying. He is very proficient on complex survey projects, including airport obstruction surveys, military base mapping, as well as topographic and planimetric data collection. Mr. Novy utilizes the latest survey technology, and has accomplished similar projects across the nation. A sample of projects accomplished by Mr. Novy is shown below.



**Lexington-Fayette Urban County Government, KY** - Quality Control/Data Processing. Accomplished several LFUCG surveys, including the current GPS and High Definition Survey of downtown Lexington. Past projects have involved monumentation, utility surveying, GIS data collection, digital mapping and GPS control.

**Nashville District, USACE – Center Hill Dam** - GRW has accomplished multiple projects for Nashville COE at the Center Hill Dam location. This project included field surveys, tripod-based and aerial laser scanning, and aerial photography. End products included planimetric and topographic data in MicroStation format, 3" color orthophotography, fly-thrus using colorized point clouds, 3d models, and meshes for a cut approximately 1/2 mile in length. Project relied on data fusion of all source data types for creation of end products suitable for the generation of cross sections and volumetrics along the project length.

**Louisville Water Company, KY** - GRW recently accomplished a multi-million dollar GPS and GIS project for the Louisville Water Company. The project involved the field collection of meters, valves and hydrants throughout the LWC service area and the production of a comprehensive GIS database in ArcInfo SDE GeoDatabase format.

**Indiana American Water Company** – GRW has accomplished several projects for INAWC, with tasks including surveying, mapping, engineering, design, GIS, and related services. A few of our recent work orders have included engineering, surveying and design of the Cleveland Street Water Main and Pump Station; and surveying and engineering design for the State Route 43 water transmission main involving over 17,660 LF.

**City of Avon, IN Storm Sewer Inventory** - GPS Manager. Accomplished GIS formatting, utility mapping, and GPS data collection for a storm sewer system inventory project. Geospatial tasks included GPS field data collection to capture the pipes, ditches, inlets, and other components. The conditional assessment directed maintenance work for system repairs and storm sewer cleaning. The delivered product included a storm sewer system map showing structure locations, pipe sizes, conditional assessments, and flow direction in Arc View GIS format.

## Dan Marsh, CP, PLS, CMS | QA/QC

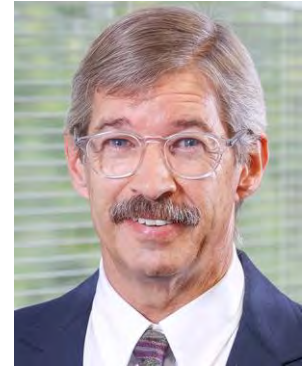
**Years of Experience:** 36      **Years with GRW:** 36

### Education

BA Civil Engineering, University of Kentucky | AS Engineering Sciences

### Registration

KY Professional Land Surveyor #4074 | Certified Photogrammetrist #R1019 |  
Certified Mapping Scientist #155



### Professional Affiliations

Management Association for Private Photogrammetric Surveyors (MAPPS) | American Society for Photogrammetry and Remote Sensing (ASPRS) |

### Qualifications and Similar Project Experience

Mr. Marsh is a Certified Photogrammetrist, a Professional Surveyor and Mapper, and a Certified Mapping Scientist/Remote Sensing, with over 35 years of experience. He is skilled in all aspects of geospatial services, specializing in remote sensing, LiDAR, and aerotriangulation. Mr. Marsh is extremely proficient in the leading software and hardware required for aerial mapping projects. He is also an experienced draftsman and civil engineering technician. Mr. Marsh's skills include route, control, and topographic surveying, as well as survey computations and data editing. He utilizes Intergraph MicroStation and is a skilled CADD technician. This unique diversity of skills makes Mr. Marsh a truly valuable expert in the high precision world of geospatial services. He has accomplished numerous projects for a variety of state, federal, and municipal clients.

**Lexington-Fayette Urban County Government, KY** – Division Manager. Accomplished several LFUCG surveys, including the current GPS and High Definition Survey of downtown Lexington. Past projects have involved monumentation, utility surveying, GIS data collection, digital mapping and GPS control.

**Indiana American Water Company** – Division Manager GRW has accomplished several projects for INAWC, with tasks including surveying, mapping, engineering, design, GIS, and related services. A few of our recent work orders have included engineering, surveying and design of the Cleveland Street Water Main and Pump Station; and surveying and engineering design for the State Route 43 water transmission main involving over 17,660 LF.

**USACE-Fort Knox Boundary Survey** – Division Manager from 2012-2013. GRW successfully completed 12.3 miles of boundary surveys at the Fort Knox Military Reservation for the U.S. Army Corps of Engineers, Louisville District. The projects included legal research, boundary surveying, corner and on-line monuments, sign placement and map creation.

**Louisville Jefferson County Information Consortium (LOJIC)** – Division Manager for an extensive survey project in Jefferson County, KY, establishing a densified network of monumented horizontal and vertical control and reference marks. LOJIC contracted with GRW to install and measure approximately 112 new survey control monuments throughout Jefferson County. The project resulted in a countywide network of highly accurate survey reference points.

## Ed Rinehart, PLS | Senior Surveyor

**Years of Experience:** 39      **Years with GRW:** 37

### Education

Undergraduate studies, Civil Engineering, 1972, Texas A&M University  
Undergraduate studies, Drafting, Lexington Community College

### Registration

KY PLS #2283, IN PLS #LS80040524



### Qualifications and Similar Project Experience

Ed is Chief of Surveys for GRW, administering all areas of the survey division. He has over thirty years of experience as a land surveyor. Ed has managed numerous multi-million dollar contracts involving surveying, mapping, engineering, and design. His survey expertise includes topographic/planimetric, boundary, height modernization, geodetic monumentation, utility location, GIS collection and airport obstruction surveys. Ed is responsible for staffing, training, project development, quality control, equipment purchases and maintenance. He is skilled in the latest software and hardware.

**Lexington-Fayette Urban County Government, KY** - Surveyor. Accomplished several LFUCG surveys, including the current GPS and High Definition Survey of downtown Lexington. Past projects have involved monumentation, utility surveying, GIS data collection, digital mapping and GPS control.

**Finance & Administration Cabinet, Otter Creek Park Survey, KY 2010-** Senior Surveyor. GRW was selected to perform a boundary survey of Otter Creek Park, now known as the Otter Creek Outdoor Recreation Area, in Meade County, KY. The 2,600 acre park borders Otter Creek and the Ohio River with spectacular views. Survey services included titles, deeds and assessments.

**USACE-Fort Knox Boundary Survey** – Chief of Surveys from 2012-2013. GRW successfully completed 12.3 miles of boundary surveys at the Fort Knox Military Reservation for the U.S. Army Corps of Engineers, Louisville District. The projects included legal research, boundary surveying, corner and on-line monuments, sign placement and map creation.

**Louisville Jefferson County Information Consortium (LOJIC)** – Chief of Surveys for an extensive survey project in Jefferson County, KY, establishing a densified network of monumented horizontal and vertical control and reference marks. LOJIC contracted with GRW to install and measure approximately 112 new survey control monuments throughout Jefferson County. The project resulted in a countywide network of highly accurate survey reference points.

**Indiana American Water Company** – GRW has accomplished several projects for INAWC, with tasks including surveying, mapping, engineering, design, GIS, and related services. A few of our recent work orders have included engineering, surveying and design of the Cleveland Street Water Main and Pump Station; and surveying and engineering design for the State Route 43 water transmission main involving over 17,660 LF.

**Kentucky Transportation Cabinet** – Senior Surveyor. Completed several statewide surveying, aerial mapping and remote sensing projects for the Kentucky Transportation Cabinet over the last decade. Tasks have included control, GPS surveys, monumentation, mapping and related services.

## 3.0 LFUCG Experience

### LFUCG Experience



We know LFUCG. The GRW team's familiarity with your project and with LFUCG overall is enhanced by our experience working with you on a variety of projects for the past 40+ years. Our working relationship has given us a thorough understanding of LFUCG's operating procedures and design requirements. We have worked

with a broad cross section of LFUCG staff from several separate divisions. GRW's design staff is familiar with local codes, standards and procedures, and is able to accomplish high quality infrastructure planning and design projects that meet these standards.

Below is a list of many of the projects GRW has worked on with LFUCG over the years:



- Arrowhead Drive stormwater improvements
- Beaumont YMCA Multi-Use Trail
- Comprehensive Sanitary Sewer Project: Remaining Unsewered Areas
- Countywide GPS Monumentation (135 Monuments, 116 NGS Bluebook Monuments)
- Countywide Impervious Surface Mapping (to facilitate storm water runoff calculation.
- Derby Drive Stormwater Improvements
- Downtown 3D-Terrestrial Scanning Streetscape in Preparation for World Equestrian Games
- Downtown Collector Sewer Study
- Eastland Parkway-New Circle Road Intersection Improvements
- Efficiency Audit & Peer Review Study for West Hickman & Town Branch WWTPs
- Elam Park Area Flood Mitigation
- Expansion Area 2A Watershed Pumping Station and Force Mains
- FEMA Flood Insurance Study for Lexington Fayette County – ( 2005, 1992)
- FEMA Map Modernization – Digital Flood Insurance Rate Maps (DFIRM)
- Fort Sumter Area Flood Mitigation
- Fourth Street connector study



- Idle Hour North Stormwater Improvements (shown)
- Liberty/Todds Road (KY 1927) Section 2
- Lower Town Branch Watershed Interceptor Sewers, Force Main and 5 MGD Pumping Station
- Man O' War Intersection Improvements
- Mapping and Digital Orthophotography covering all of Fayette County
- North Elkhorn Watershed Force Main and Pumping Station (19 MGD) (shown)
- NPDES Stormwater Permit, Phase I
- Old Todds Road Sidewalk Improvements
- Phoenix Building and Police Headquarters Elevator System Repair and Upgrade
- Polo Club Boulevard Connection
- Red Mile Rd Bike Path Preliminary Engineering
- Rogers Road Area Flood Mitigation
- Rose Street Extension
- Sanitary Sewer Capability Study for Rural Service Area
- Sanitary Sewer System Rehabilitation
- South Elkhorn Trunk Sewers and Force Mains
- Stormwater Supplemental Project Implementation / Master Planning/Program Manager
- Town Branch Wet Weather Flow Storage (22 MG) & Pumping (56 MGD) Facilities
- Town Branch WWTP Fine Bubble Aeration Conversion
- Town Branch WWTP Upgrade (30 MGD)
- Tucson Drive Area Flood Mitigation
- West Hickman WWTP Administration Building Improvements & Expansion
- West Hickman WWTP Masonry Repair



## **Appendix: LFUCG Addenda, Forms and Required Documents**

This section includes all addenda, as well as all forms and documents required by Lexington-Fayette Urban County Government.

- Bid Cover Sheet
- Affidavit
- Green Procurement
- Equal Opportunity Agreement
- General Provisions
- Workforce Analysis
- LFUCG MWDBE Participation Form
- Good Faith Effort
- Amendment 1 – Certification of Compliance for American Rescue Plan Act Expenditures
- Copy of GRW Insurance Certificate
- Pricing Sheet





**LEXINGTON**

# Lexington-Fayette Urban County Government

Lexington, Kentucky  
Horse Capital of the World

Division of Central Purchasing

Date of Issue: September 8, 2022

## INVITATION TO BID #117-2022 General Surveying Services

**Bid Opening Date:** Septmber 27, 2022

**Bid Opening Time:** 2:00 PM

**Address:** All bids must be submitted on line at <https://lexingtonky.ionwave.net/>

**Type of Bid:** Price Contract

**Pre Bid Meeting:** N/A

**Pre Bid Time:** N/A

**Address:** N/A

Sealed bids will ONLY be received online at <https://lexingtonky.ionwave.net/> until **2:00 PM**, prevailing local time on **09/27/2022**. Bids must be submitted/uploaded by the above-mentioned date and time.

Bids are to include all shipping, handling and associated fees to the point of delivery (unless otherwise specified in the bid documents below) located at: Lexington, KY

<p><b>Check One:</b></p> <p><input checked="" type="checkbox"/> Bid Specifications Met <input type="checkbox"/> Exceptions to Bid Specifications. <i>Exceptions shall be itemized and attached to bid proposal submitted.</i></p>		<p><b>Proposed Delivery:</b></p> <p>_____ days after acceptance of bid.</p>
<p><b>Procurement Card Usage</b>—The Lexington-Fayette Urban County Government may be using Procurement Cards to purchase goods and services and also to make payments. Will you accept Procurement Cards? _____ Yes <input checked="" type="checkbox"/> No</p>		

**To expedite award, the forms in this document should be completed and uploaded with your bid.**

Submitted by: GRW Aerial Surveys, Inc.  
*Firm Name*  
801 Corporate Drive  
*Address*  
Lexington, KY 40503  
*City, State & Zip*

**Bid must be signed:**  Senior Vice-President  
*Signature of Authorized Company Representative – Title*

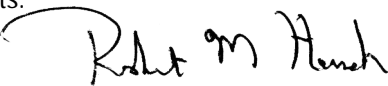
Rob Hench, GISP  
*Representative's Name (Typed or printed)*  
859-223-3999 ext 370                      859-519-4507  
*Area Code - Phone – Extension                      Fax #*  
rhench@grwinc.com  
*E-Mail Address*

**The Affidavit in this bid must be completed before your firm can be considered for award of this contract.**

**AFFIDAVIT**

Comes the Affiant, Rob Hench, and after being first duly sworn under penalty of perjury as follows:

1. His/her name is Rob Hench and he/she is the individual submitting the bid or is the authorized representative of GRW Aerial Surveys, Inc. the entity submitting the bid (hereinafter referred to as "Bidder")
2. Bidder will pay all taxes and fees, which are owed to the Lexington-Fayette Urban County Government at the time the bid is submitted, prior to award of the contract and will maintain a "current" status in regard to those taxes and fees during the life of the contract.
3. Bidder will obtain a Lexington-Fayette Urban County Government business license, if applicable, prior to award of the contract.
4. Bidder has authorized the Division of Central Purchasing to verify the above-mentioned information with the Division of Revenue and to disclose to the Urban County Council that taxes and/or fees are delinquent or that a business license has not been obtained.
5. Bidder has not knowingly violated any provision of the campaign finance laws of the Commonwealth of Kentucky within the past five (5) years and the award of a contract to the Bidder will not violate any provision of the campaign finance laws of the Commonwealth.
6. Bidder has not knowingly violated any provision of Chapter 25 of the Lexington-Fayette Urban County Government Code of Ordinances, known as "Ethics Act."
7. Bidder acknowledges that "knowingly" for purposes of this Affidavit means, with respect to conduct or to circumstances described by a statute or ordinance defining an offense, that a person is aware or should have been aware that his conduct is of that nature or that the circumstance exists.

Further, Affiant sayeth naught. 

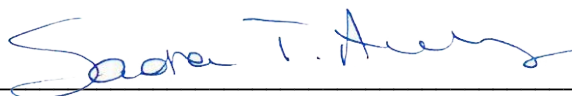
STATE OF Kentucky

COUNTY OF Fayette

The foregoing instrument was subscribed, sworn to and acknowledged before me by Rob Hench on this the 26 day of September, 2022.

My Commission expires: 06/27/2025



 KYNP30783  
NOTARY PUBLIC, STATE AT LARGE

**Please refer to Section II. Bid Conditions, Item "U" prior to completing this form.**

## **I. GREEN PROCUREMENT**

### **A. ENERGY**

The Lexington-Fayette Urban County Government is committed to protecting our environment and being fiscally responsible to our citizens.

The Lexington-Fayette Urban County Government mandates the use of Energy Star compliant products if they are available in the marketplace (go to [www.Energystar.gov](http://www.Energystar.gov)). If these products are available, but not submitted in your pricing, your bid will be rejected as non-compliant.

ENERGY STAR is a government program that offers businesses and consumers energy-efficient solutions, making it easy to save money while protecting the environment for future generations.

#### Key Benefits

These products use 25 to 50% less energy  
Reduced energy costs without compromising quality or performance  
Reduced air pollution because fewer fossil fuels are burned  
Significant return on investment  
Extended product life and decreased maintenance

### **B. GREEN SEAL CERTIFIED PRODUCTS**

The Lexington-Fayette Urban County Government is also committed to using other environmentally friendly products that do not negatively impact our environment. Green Seal is a non-profit organization devoted to environmental standard setting, product certification, and public education.

Go to [www.Greenseal.org](http://www.Greenseal.org) to find available certified products. These products will have a reduced impact on the environment and on human health. The products to be used must be pre-approved by the LFUCG prior to commencement of any work in any LFUCG facility. If a Green Seal product is not available, the LFUCG must provide a signed waiver to use an alternate product. Please provide information on the Green Seal products being used with your bid response.

### **C. GREEN COMMUNITY**

**The Lexington-Fayette Urban County Government (LFUCG) serves as a principal, along with the University of Kentucky and Fayette County Public Schools, in the Bluegrass Partnership for a Green Community. The Purchasing Team component of the Partnership collaborates on economy of scale purchasing that promotes and enhances environmental initiatives. Specifically, when applicable, each principal is interested in obtaining best value products and/or services which promote environment initiatives via solicitations and awards from the other principals.**

**If your company is the successful bidder on this Invitation For Bid, do you agree to extend the same product/service pricing to the other principals of the Bluegrass Partnership for a Green Community (i.e. University of Kentucky and Fayette County Schools) if requested?**

Yes   X                        No       

## **II. Bid Conditions**

- A. No bid may be withdrawn for a period of sixty (60) days after the date and time set for opening.
- B. No bid may be altered after the date and time set for opening. In the case of obvious errors, the Division of Central Purchasing may permit the withdrawal of a bid. The decision as to whether a bid may be withdrawn shall be that of the Division of Central Purchasing.
- C. Acceptance of this proposal shall be enactment of an Ordinance by the Urban County Council.
- D. The bidder agrees that the Urban County Government reserves the right to reject any and all bids for either fiscal

- or technical reasons, and to award each part of the bid separately, all parts to one vendor or all parts to multiple vendors.
- E. Minor exceptions may not eliminate the bidder. The decision as to whether any exception is minor shall be entirely that of the head of the requisitioning Department or Division and the Director of the Division of Central Purchasing. The Urban County Government may waive technicalities and informalities where such waiver would best serve the interests of the Urban County Government.
  - F. Manufacturer's catalogue numbers, trade names, etc., where shown herein are for descriptive purposes and are to guide the bidder in interpreting the standard of quality, design, and performance desired, and shall not be construed to exclude proposals based on furnishing other types of materials and/or services. However, any substitution or departure proposed by the bidder must be clearly noted and described; otherwise, it will be assumed that the bidder intends to supply items specifically mentioned in this Invitation for Bids.
  - G. The Urban County Government may require demonstrations of the materials proposed herein prior to acceptance of this proposal.
  - H. Bids must be submitted on this form and must be signed by the bidder or his authorized representative. Unsigned bids will not be considered.
  - I. Bids must be submitted prior to the date and time indicated for opening. Bids submitted after this time will not be considered.
  - J. All bids mailed must be submitted in the Ion Wave online portal at <https://lexingtonky.ionwave.net/>
  - K. Bidder is requested to show both unit prices and lot prices. In the event of error, the unit price shall prevail.
  - L. A certified check or Bid Bond in the amount of XX percent of the bid price must be attached hereto. This check must be made payable to the Lexington-Fayette Urban County Government, and will be returned when the material and/or services specified herein have been delivered in accordance with specifications. In the event of failure to perform within the time period set forth in this bid, it is agreed the certified check may be cashed and the funds retained by the Lexington-Fayette Urban County Government as liquidated damages. Checks of unsuccessful bidders will be returned when the bid has been awarded.
  - M. The delivery dates specified by bidder may be a factor in the determination of the successful bidder.
  - N. Tabulations of bids received may be mailed to bidders. Bidders requesting tabulations must enclose a stamped, self-addressed envelope with the bid.
  - O. The Lexington-Fayette Urban County Government is exempt from Kentucky Sales Tax and Federal Excise Tax on materials purchased from this bid invitation. Materials purchased by the bidder for construction projects are not tax exempt and are the sole responsibility of the bidder.
  - P. All material furnished hereunder must be in full compliance with OSHA regulations.
  - Q. If more than one bid is offered by one party, or by any person or persons representing a party, all such bids shall be rejected.
  - R. Signature on the face of this bid by the Bidder or his authorized representative shall be construed as acceptance of and compliance with all terms and conditions contained herein.
  - S. The Entity (regardless of whether construction contractor, non-construction contractor or supplier) agrees to provide equal opportunity in employment for all qualified persons, to prohibit discrimination in employment because of race, color, religion, sex (including pregnancy, sexual orientation or gender identity), national origin, disability, age, genetic information, political affiliation, or veteran status, and to promote equal employment through a positive, continuing program from itself and each of its sub-contracting agents. This program of equal employment opportunity shall apply to every aspect of its employment policies and practices.
  - T. The Kentucky Equal Employment Opportunity Act of 1978 (KRS 45.560-45.640) requires that any county, city, town, school district, water district, hospital district, or other political subdivision of the state shall include in directly

or indirectly publicly funded contracts for supplies, materials, services, or equipment hereinafter entered into the following provisions:

During the performance of this contract, the contractor agrees as follows:

- (1) The contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, age or national origin;*
- (2) The contractor will state in all solicitations or advertisements for employees placed by or on behalf of the contractors that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, age or national origin;*
- (3) The contractor will post notices in conspicuous places, available to employees and applicants for employment, setting forth the provisions of the non-discrimination clauses required by this section; and*
- (4) The contractor will send a notice to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding advising the labor union or workers' representative of the contractor's commitments under the nondiscrimination clauses.*

The Act further provides:

KRS 45.610. Hiring minorities - Information required

- (1) For the length of the contract, each contractor shall hire minorities from other sources within the drawing area, should the union with which he has collective bargaining agreements be unwilling to supply sufficient minorities to satisfy the agreed upon goals and timetable.*
- (2) Each contractor shall, for the length of the contract, furnish such information as required by KRS 45.560 to KRS 45.640 and by such rules, regulations and orders issued pursuant thereto and will permit access to all books and records pertaining to his employment practices and work sites by the contracting agency and the department for purposes of investigation to ascertain compliance with KRS 45.560 to 45.640 and such rules, regulations and orders issued pursuant thereto.*

KRS 45.620. Action against contractor - Hiring of minority contractor or subcontractor

- (1) If any contractor is found by the department to have engaged in an unlawful practice under this chapter during the course of performing under a contract or subcontract covered under KRS 45.560 to 45.640, the department shall so certify to the contracting agency and such certification shall be binding upon the contracting agency unless it is reversed in the course of judicial review.*
- (2) If the contractor is found to have committed an unlawful practice under KRS 45.560 to 45.640, the contracting agency may cancel or terminate the contract, conditioned upon a program for future compliance approved by the contracting agency and the department. The contracting agency may declare such a contractor ineligible to bid on further contracts with that agency until such time as the contractor complies in full with the requirements of KRS 45.560 to 45.640.*
- (3) The equal employment provisions of KRS 45.560 to 45.640 may be met in part by a contractor by subcontracting to a minority contractor or subcontractor. For the provisions of KRS 45.560 to 45.640, a minority contractor or subcontractor shall mean a business that is owned and controlled by one or more persons disadvantaged by racial or ethnic circumstances.*

KRS 45.630 Termination of existing employee not required, when

*Any provision of KRS 45.560 to 45.640 notwithstanding, no contractor shall be required to terminate an existing employee upon proof that that employee was employed prior to the date of the contract.*

KRS 45.640 Minimum skills

*Nothing in KRS 45.560 to 45.640 shall require a contractor to hire anyone who fails to demonstrate the minimum skills required to perform a particular job.*

It is recommended that all of the provisions above quoted to be included as special conditions in each contract.

In the case of a contract exceeding \$250,000, the contractor is required to furnish evidence that his work-force in Kentucky is representative of the available work-force in the area from which he draws employees, or to supply an Affirmative Action plan which will achieve such representation during the life of the contract.

- U. Any party, firm or individual submitting a proposal pursuant to this invitation must be in compliance with the requirements of the Lexington-Fayette Urban County Government regarding taxes and fees before they can be considered for award of this invitation and must maintain a "current" status with regard to those taxes and fees throughout the term of the contract. The contractor must be in compliance with Chapter 13 from the Code of Ordinances of the Lexington-Fayette Urban County Government. The contractor must be in compliance with Ordinance 35-2000 pursuant to contractor registration with the Division of Building Inspection. If applicable, said business must have a Fayette County business license.

Pursuant to KRS 45A.343 and KRS 45A.345, the contractor shall

- (1) *Reveal any final determination of a violation by the contractor within the previous five year period pursuant to KRS Chapters 136 (corporation and utility taxes), 139 (sales and use taxes), 141 (income taxes), 337 (wages and hours), 338 (occupational safety and health of employees), 341 (unemployment and compensation) and 342 (labor and human rights) that apply to the contractor; and*
- (2) *Be in continuous compliance with the above-mentioned KRS provisions that apply to the contractor for the duration of the contract.*

A contractor's failure to reveal the above or to comply with such provisions for the duration of the contract shall be grounds for cancellation of the contract and disqualification of the contractor from eligibility for future contracts for a period of two (2) years.

- V. Vendors who respond to this invitation have the right to file a notice of contention associated with the bid process or to file a notice of appeal of the recommendation made by the Director of Central Purchasing resulting from this invitation.

Notice of contention with the bid process must be filed within 3 business days of the bid/proposal opening by (1) sending a written notice, including sufficient documentation to support contention, to the Director of the Division of Central Purchasing or (2) submitting a written request for a meeting with the Director of Central Purchasing to explain his/her contention with the bid process. After consulting with the Commissioner of Finance the Chief Administrative Officer and reviewing the documentation and/or hearing the vendor, the Director of Central Purchasing shall promptly respond in writing findings as to the compliance with bid processes. If, based on this review, a bid process irregularity is deemed to have occurred the Director of Central Purchasing will consult with the Commissioner of Finance, the Chief Administrative Officer and the Department of Law as to the appropriate remedy.

Notice of appeal of a bid recommendation must be filed within 3 business days of the bid recommendation by (1) sending a written notice, including sufficient documentation to support appeal, to the Director, Division of Central Purchasing or (2) submitting a written request for a meeting with the Director of Central Purchasing to explain his appeal. After reviewing the documentation and/or hearing the vendor and consulting with the Commissioner of Finance and the Chief Administrative Officer, the Director of Central Purchasing shall in writing, affirm or withdraw the recommendation.

### III. Procurement Contract Bid Conditions

- A. The terms of this agreement shall be for 1 year(s) from the date of acceptance of this contract by the Lexington-Fayette Urban County Government. This agreement may be automatically extended for an additional 2-1 year(s) renewal. This contract may be canceled by either party thirty (30) days after delivery by canceling party of written notice of intent to cancel to the other contracting party.
  
- B. Price Changes **(Space Checked Applies)**
  - 1. Prices quoted in response to the Invitation shall be firm prices for the first 365 days of the Procurement Contract. After 365 days, prices may be subject to revision and such changes shall be based on general industry changes. Revision may be either increases or decreases and may be requested by either party. There will be no more than one (1) price adjustment per year. Requests for price changes shall be received in writing at least twenty (20) days prior to the effective date and are subject to written acceptance before becoming effective. Proof of the validity of a request for revision shall be responsibility of the requesting party. The Lexington-Fayette Urban County Government shall receive the benefit of any decline that the seller shall offer his other accounts.
  
  - 2. No provision for price change is made herein. Prices are to be firm for the term of this contract.
  
  - 3. See bid specifications.
  
- C. If any contract item is not available from the vendor, the Lexington-Fayette Urban County Government, at its option, may permit the item to be back-ordered or may procure the item on the open market.
  
- D. All invoices must bear reference to the Lexington-Fayette Urban County Government Purchasing document numbers which are being billed.
  
- E. This contract may be canceled by the Lexington-Fayette Urban County Government if it is determined that the Bidder has failed to perform under the terms of this agreement, such cancellation to be effective upon receipt of written notice of cancellation by the Bidder.
  
- F. No substitutions for articles specified herein may be made without prior approval of the Division of Central Purchasing.

**EQUAL OPPORTUNITY AGREEMENT**

Standard Title VI Assurance

The Lexington Fayette-Urban County Government, (hereinafter referred to as the "Recipient") hereby agrees that as a condition to receiving any Federal financial assistance from the U.S. Department of Transportation, it will comply with Title VI of the Civil Rights Act of 1964, 78Stat.252, 42 U.S.C. 2000d-4 (hereinafter referred to as the "Act"), and all requirements imposed by or pursuant to Title 49, Code of Federal Regulations, U.S. Department of Transportation, Subtitle A, Office of the Secretary, (49 CFR, Part 21) Nondiscrimination in Federally Assisted Program of the Department of Transportation – Effectuation of Title VI of the Civil Rights Act of 1964 (hereinafter referred to as the "Regulations") and other pertinent directives, no person in the United States shall, on the grounds of race, color, national origin, sex, age (over 40), religion, sexual orientation, gender identity, veteran status, or disability be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under any program or activity for which the Recipient receives Federal financial assistance from the U.S. Department of Transportation, including the Federal Highway Administration, and hereby gives assurance that will promptly take any necessary measures to effectuate this agreement. This assurance is required by subsection 21.7(a) (1) of the Regulations.

The Law

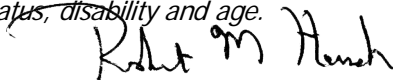
- Title VII of the Civil Rights Act of 1964 (amended 1972) states that it is unlawful for an employer to discriminate in employment because of race, color, religion, sex, age (40-70 years) or national origin.
- Executive Order No. 11246 on Nondiscrimination under Federal contract prohibits employment discrimination by contractor and sub-contractor doing business with the Federal Government or recipients of Federal funds. This order was later amended by Executive Order No. 11375 to prohibit discrimination on the basis of sex.
- Section 503 of the Rehabilitation Act of 1973 states: *The Contractor will not discriminate against any employee or applicant for employment because of physical or mental disability.*
- Section 2012 of the Vietnam Era Veterans Readjustment Act of 1973 requires Affirmative Action on behalf of disabled veterans and veterans of the Vietnam Era by contractors having Federal contracts.
- Section 206(A) of Executive Order 12086, Consolidation of Contract Compliance Functions for Equal Employment Opportunity, states: *The Secretary of Labor may investigate the employment practices of any Government contractor or sub-contractor to determine whether or not the contractual provisions specified in Section 202 of this order have been violated.*

The Lexington-Fayette Urban County Government practices Equal Opportunity in recruiting, hiring and promoting. It is the Government's intent to affirmatively provide employment opportunities for those individuals who have previously not been allowed to enter into the mainstream of society. Because of its importance to the local Government, this policy carries the full endorsement of the Mayor, Commissioners, Directors and all supervisory personnel. In following this commitment to Equal Employment Opportunity and because the Government is the benefactor of the Federal funds, it is both against the Urban County Government policy and illegal for the Government to let contracts to companies which knowingly or unknowingly practice discrimination in their employment practices. Violation of the above mentioned ordinances may cause a contract to be canceled and the contractors may be declared ineligible for future consideration.

Please sign this statement in the appropriate space acknowledging that you have read and understand the provisions contained herein. Return this document as part of your application packet.

Bidders

*I/We agree to comply with the Civil Rights Laws listed above that govern employment rights of minorities, women, veteran status, disability and age.*



Signature

GRW Aerial Surveys, Inc.

Name of Business



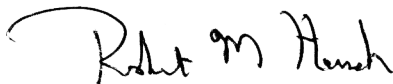
## GENERAL PROVISIONS OF BID CONTRACT

By signing the below, bidder acknowledges that it understands and agrees with the following provisions related to its bid response and the provision of any goods or services to LFUCG upon selection by LFUCG pursuant to the bid request:

1. Bidder shall comply with all Federal, State & Local regulations concerning this type of service or good. All applicable state laws, ordinances and resolutions (including but not limited to Section 2-33 (Discrimination due to sexual orientation or gender identity) and Chapter 13 (Licenses and Regulations) of the Lexington-Fayette Urban County Government Code of Ordinances, and Resolution No. 484-17 (Minority, Women, and Veteran-Owned Businesses)) and the regulations of all authorities having jurisdiction over the project shall apply to the contract, and shall be deemed to be incorporated herein by reference.
2. Failure to submit ALL forms and information required by LFUCG may be grounds for disqualification.
3. Addenda: All addenda and IonWave Q&A, if any, must be considered by the bidder in making its response, and such addenda shall be made a part of the requirements of the bid contract. Before submitting a bid response, it is incumbent upon bidder to be informed as to whether any addenda have been issued, and the failure of the bidder to cover any such addenda may result in disqualification of that response.
4. Bid Reservations: LFUCG reserves the right to reject any or all bid responses, to award in whole or part, and to waive minor immaterial defects in proposals. LFUCG may consider any alternative proposal that meets its basic needs.
5. Liability: LFUCG is not responsible for any cost incurred by bidder in the preparation of its response.
6. Changes/Alterations: Bidder may change or withdraw a proposal at any time prior to the opening; however, no oral modifications will be allowed. Only letters, or other formal written requests for modifications or corrections of a previously submitted proposal which is addressed in the same manner as the bid response, and received by LFUCG prior to the scheduled closing time for receipt of bids, will be accepted. The bid response when opened, will then be corrected in accordance with such written request(s), provided that the written request is contained in a sealed envelope which is plainly marked "modifications of bid response".
7. Clarification of Submittal: LFUCG reserves the right to obtain clarification of any point in a bid or to obtain additional information from any bidder.
8. Bribery Clause: By his/her signature on its response, bidder certifies that no employee of his/hers, any affiliate or subcontractor, has bribed or attempted to bribe an officer or employee of the LFUCG.
9. Additional Information: While not necessary, the bidder may include any product brochures, software documentation, sample reports, or other documentation that may assist LFUCG in better understanding and evaluating the bid response. Additional documentation shall not serve as a substitute for other documentation which is required by the LFUCG to be submitted with the bid response.
10. Ambiguity, Conflict or other Errors: If a bidder discovers any ambiguity, conflict, discrepancy, omission or other error in the bid request of LFUCG, it shall immediately notify LFUCG of such error in writing and request modification or clarification of the document if allowable by the LFUCG.
11. Agreement to Bid Terms: In submitting its bid response, the bidder agrees that it has carefully examined the specifications and all provisions relating to LFUCG's bid request, including but not limited to the bid contract. By submission of its bid response, bidder states that it understands the meaning, intent and requirements of LFUCG's bid request and agrees to the same. The successful bidder shall warrant that it is familiar with and understands all provisions herein and shall warrant that it can comply with them. No additional compensation to bidder shall be authorized for services, expenses, or goods reasonably covered under these provisions that the bidder omits from its bid response.
12. Cancellation: LFUCG may unilaterally terminate the bid contract with the selected bidder(s) at any time, with or without cause, by providing at least thirty (30) days advance written notice unless a different advance written notice

period is negotiated prior to contract approval. Payment for services or goods received prior to termination shall be made by the LFUCG provided these goods or services were provided in a manner acceptable to the LFUCG. Payment for those goods and services shall not be unreasonably withheld.

13. Assignment of Contract: The selected bidder(s) shall not assign or subcontract any portion of the bid contract with LFUCG without the express written consent of LFUCG. Any purported assignment or subcontract in violation hereof shall be void. It is expressly acknowledged that LFUCG shall never be required or obligated to consent to any request for assignment or subcontract; and further that such refusal to consent can be for any or no reason, fully within the sole discretion of LFUCG.
14. No Waiver: No failure or delay by LFUCG in exercising any right, remedy, power or privilege hereunder, nor any single or partial exercise thereof, nor the exercise of any other right, remedy, power or privilege shall operate as a waiver hereof or thereof. No failure or delay by LFUCG in exercising any right, remedy, power or privilege under or in respect of this bid proposal or bid contract shall affect the rights, remedies, powers or privileges of LFUCG hereunder or shall operate as a waiver thereof.
15. Authority to do Business: Each bidder must be authorized to do business under the laws of the Commonwealth of Kentucky and must be in good standing and have full legal capacity to provide the goods or services specified in the bid proposal. Each bidder must have all necessary right and lawful authority to submit the bid response and enter into the bid contract for the full term hereof including any necessary corporate or other action authorizing the bidder to submit the bid response and enter into this bid contract. If requested, the bidder will provide LFUCG with a copy of a corporate resolution authorizing this action and/or a letter from an attorney confirming that the proposer is authorized to do business in the Commonwealth of Kentucky. All bid responses must be signed by a duly authorized officer, agent or employee of the bidder.
16. Governing Law: This bid request and bid contract shall be governed by and construed in accordance with the laws of the Commonwealth of Kentucky. In the event of any proceedings regarding this matter, the bidder agrees that the venue shall be the Fayette County Circuit Court or the U.S. District Court for the Eastern District of Kentucky, Lexington Division and that the bidder expressly consents to personal jurisdiction and venue in such Court for the limited and sole purpose of proceedings relating to these matters or any rights or obligations arising thereunder.
17. Ability to Meet Obligations: Bidder affirmatively states that there are no actions, suits or proceedings of any kind pending against bidder or, to the knowledge of the bidder, threatened against the bidder before or by any court, governmental body or agency or other tribunal or authority which would, if adversely determined, have a materially adverse effect on the authority or ability of bidder to perform its obligations under this bid response or bid contract, or which question the legality, validity or enforceability hereof or thereof.
18. Price Discrepancy: When applicable, in case of price discrepancy, unit bid price written in words will prevail followed by unit price written in numbers then total amount bid per line item.
19. Bidder understands and agrees that its employees, agents, or subcontractors are not employees of LFUCG for any purpose whatsoever. Bidder is an independent contractor at all times related to the bid response or bid contract.
20. Contractor [or Vendor or Vendor's Employees] will not appropriate or make use of the Lexington-Fayette Urban County Government (LFUCG) name or any of its trade or service marks or property (including but not limited to any logo or seal), in any promotion, endorsement, advertisement, testimonial or similar use without the prior written consent of the government. If such consent is granted LFUCG reserves the unilateral right, in its sole discretion, to immediately terminate and revoke such use for any reason whatsoever. Contractor agrees that it shall cease and desist from any unauthorized use immediately upon being notified by LFUCG.
21. If any term or provision of this bid contract shall be found to be illegal or unenforceable, the remainder of the contract shall remain in full force and such term or provision shall be deemed stricken.



Signature

09/26/2022

Date



**LFUCG MWDBE PARTICIPATION FORM**

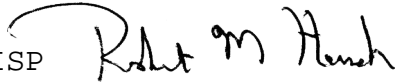
**Bid/RFP/Quote Reference #** 117-2022

The MWDBE and/or veteran subcontractors listed have agreed to participate on this Bid/RFP/Quote. If any substitution is made or the total value of the work is changed prior to or after the job is in progress, it is understood that those substitutions must be submitted to Central Purchasing for approval immediately. **Failure to submit a completed form may cause rejection of the bid.**

MWDBE Company, Name, Address, Phone, Email	MBE WBE or DBE	Work to be Performed	Total Dollar Value of the Work	% Value of Total Contract
1.				
2.				
3.		<p>GRW has personnel and resources to complete most projects. If needed, GRW can contract to qualified MWDBE. GRW has the ability to control personnel schedules to complete your project in a timely manner.</p>		
4.				

The undersigned company representative submits the above list of MWDBE firms to be used in accomplishing the work contained in this Bid/RFP/Quote. Any misrepresentation may result in the termination of the contract and/or be subject to applicable Federal and State laws concerning false statements and false claims.

GRW Aerial Surveys, Inc.  
**Company**  
09/26/2022  
**Date**

Rob Hensch, GISP   
**Company Representative**  
Sr. Vice-President  
**Title**



**LFUCG MWDBE PARTICIPATION FORM**

**Bid/RFP/Quote Reference #** 117-2022

The MWDBE and/or veteran subcontractors listed have agreed to participate on this Bid/RFP/Quote. If any substitution is made or the total value of the work is changed prior to or after the job is in progress, it is understood that those substitutions must be submitted to Central Purchasing for approval immediately. **Failure to submit a completed form may cause rejection of the bid.**

MWDBE Company, Name, Address, Phone, Email	MBE WBE or DBE	Work to be Performed	Total Dollar Value of the Work	% Value of Total Contract
1.				
2.		GRW has personnel and resources to complete most projects. If needed, GRW can contract to qualified MWDBE.		
3.		GRW has the ability to control personnel schedules to complete your project in a timely manner.		
4.				

The undersigned company representative submits the above list of MWDBE firms to be used in accomplishing the work contained in this Bid/RFP/Quote. Any misrepresentation may result in the termination of the contract and/or be subject to applicable Federal and State laws concerning false statements and false claims.

GRW Aerial Surveys, Inc.

Company

09/26/2022

Date

Rob Hench, GISP

Company Representative

Sr. Vice-President

Title



# LEXINGTON

## MWDBE QUOTE SUMMARY FORM

Bid/RFP/Quote Reference # 117-2022

The undersigned acknowledges that the minority and/or veteran subcontractors listed on this form did submit a quote to participate on this project. Failure to submit this form may cause rejection of the bid.

<b>Company Name</b> GRW Aerial Surveys, Inc	<b>Contact Person</b> Rob Hench
<b>Address/Phone/Email</b> 801 Corporate Drive, Lexington KY 40503 859-223-3999/859-519-4507	<b>Bid Package / Bid Date</b>  Survey Services

MWDBE Company Address	Contact Person	Contact Information (work phone, Email, cell)	Date Contacted	Services to be performed	Method of Communication (email, phone meeting, ad, event etc)	Total dollars \$\$ Do Not Leave Blank (Attach Documentation)	MBE * AA HA AS NA Female	Veteran
		GRW has personnel and resources to complete most projects. If needed, GRW can contract to qualified MWDBE.						
		GRW has the ability to control personnel schedules to complete your project in a timely manner.						

(MBE designation / AA=African American / HA= Hispanic American/AS = Asian American/Pacific Islander/ NA= Native American)

The undersigned acknowledges that all information is accurate. Any misrepresentation may result in termination of the contract and/or be subject to applicable Federal and State laws concerning false statements and claims.

GRW Aerial Surveys, Inc.

Company

09/26/2022

Date

Rob Hench, GISP

Company Representative

Sr. Vice-President

Title

**LFUCG STATEMENT OF GOOD FAITH EFFORTS**

**Bid/RFP/Quote #** 117-2022

By the signature below of an authorized company representative, we certify that we have utilized the following Good Faith Efforts to obtain the maximum participation by MWDBE and Veteran-Owned business enterprises on the project and can supply the appropriate documentation.

\_\_\_\_\_ Advertised opportunities to participate in the contract in at least two (2) publications of general circulation media; trade and professional association publications; small and minority business or trade publications; and publications or trades targeting minority, women and disadvantaged businesses not less than fifteen (15) days prior to the deadline for submission of bids to allow MWDBE firms and Veteran-Owned businesses to participate.

\_\_\_\_\_ Included documentation of advertising in the above publications with the bidders good faith efforts package

\_\_\_\_\_ Attended LFUCG Central Purchasing Economic Inclusion Outreach event

\_\_\_\_\_ Attended pre-bid meetings that were scheduled by LFUCG to inform MWDBEs and/or Veteran-Owned Businesses of subcontracting opportunities

\_\_\_\_\_ Sponsored Economic Inclusion event to provide networking opportunities for prime contractors and MWDBE firms and Veteran-Owned businesses

\_\_\_\_\_ Requested a list of MWDBE and/or Veteran subcontractors or suppliers from LFUCG and showed evidence of contacting the companies on the list(s).

\_\_\_\_\_ Contacted organizations that work with MWDBE companies for assistance in finding certified MWBDE firms and Veteran-Owned businesses to work on this project. Those contacted and their responses should be a part of the bidder's good faith efforts documentation.

\_\_\_\_\_ Sent written notices, by certified mail, email or facsimile, to qualified, certified MWDBEs soliciting their participation in the contract not less than seven (7) days prior to the deadline for submission of bids to allow them to participate effectively.

\_\_\_\_\_ Followed up initial solicitations by contacting MWDBEs and Veteran-Owned businesses to determine their level of interest.

\_\_\_\_\_ Provided the interested MWBDE firm and/or Veteran-Owned business with adequate and timely information about the plans, specifications, and requirements of the contract.

\_\_\_\_\_ Selected portions of the work to be performed by MWDBE firms and/or Veteran-Owned businesses in order to increase the likelihood of meeting the contract goals. This includes, where appropriate, breaking out contract work items into economically feasible units to facilitate MWDBE and Veteran participation, even when the prime contractor may otherwise perform these work items with its own workforce

\_\_\_\_\_ Negotiated in good faith with interested MWDBE firms and Veteran-Owned businesses not rejecting them as unqualified without sound reasons based on a thorough investigation of their capabilities. Any rejection should be so noted in writing with a description as to why an agreement could not be reached.

\_\_\_\_\_ Included documentation of quotations received from interested MWDBE firms and Veteran-Owned businesses which were not used due to uncompetitive pricing or were rejected as unacceptable and/or copies of responses from firms indicating that they would not be submitting a bid.

\_\_\_\_\_ Bidder has to submit sound reasons why the quotations were considered unacceptable. The fact that the bidder has the ability and/or desire to perform the contract work with its own forces will not be considered a sound reason for rejecting a MWDBE and/or Veteran-Owned business's quote. Nothing in this provision shall be construed to require the bidder to accept unreasonable quotes in order to satisfy MWDBE and Veteran goals.

\_\_\_\_\_ Made an effort to offer assistance to or refer interested MWDBE firms and Veteran-Owned businesses to obtain the necessary equipment, supplies, materials, insurance and/or bonding to satisfy the work requirements of the bid proposal

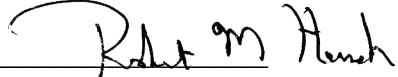
\_\_\_\_\_ Made efforts to expand the search for MWBE firms and Veteran-Owned businesses beyond the usual geographic boundaries.

\_\_\_\_\_ Other--any other evidence that the bidder submits which may show that the bidder has made reasonable good faith efforts to include MWDBE and **Veteran participation**.

**NOTE: Failure to submit any of the documentation requested in this section may be cause for rejection of bid. Bidders may include any other documentation deemed relevant to this requirement which is subject to approval by the MBE Liaison. Documentation of Good Faith Efforts must be submitted with the Bid, if the participation Goal is not met.**

The undersigned acknowledges that all information is accurate. Any misrepresentations may result in termination of the contract and/or be subject to applicable Federal and State laws concerning false statements and claims.

GRW Aerial Surveys, Inc.  
**Company**  
09/26/2022  
**Date**

Rob Hench, GISP   
**Company Representative**  
Sr. Vice-President  
**Title**

**AMENDMENT 1 —  
CERTIFICATION OF COMPLIANCE FOR AMERICAN RESCUE PLAN ACT EXPENDITURES**

The Lexington-Fayette Urban County Government (“LFUCG”) may classify the subject matter of this bid as an expenditure under the American Rescue Plan Act of 2021. Expenditures under the American Rescue Plan Act of 2021 require evidence of the contractor’s compliance with Federal law. Therefore, by the signature below of an authorized company representative, you certify that the information below is understood, agreed, and correct. Any misrepresentations may result in the termination of the contract and/or prosecution under applicable Federal and State laws concerning false statements and false claims.

**The bidder agrees and understands that in addition to all conditions stated within the attached bid documents, the following conditions will also apply to any Agreement entered between bidder and LFUCG, if LFUCG classifies the subject matter of this bid as an expenditure under the American Rescue Plan Act. The bidder further certifies that it can and will comply with these conditions, if this bid is accepted and an Agreement is executed:**

1. Any Agreement executed as a result of acceptance of this bid may be governed in accordance with 2 CFR Part 200 and all other applicable Federal law and regulations and guidance issued by the U.S. Department of the Treasury.
2. Pursuant to 24 CFR 85.43, any Agreement executed as a result of acceptance of this bid can be terminated if the contractor fails to comply with any term of the award. This Agreement may be terminated for convenience in accordance with 24 CFR 85.44 upon written notice by LFUCG. Either party may terminate this Agreement with thirty (30) days written notice to the other party, in which case the Agreement shall terminate on the thirtieth day. In the event of termination, the contractor shall be entitled to that portion of total compensation due under this Agreement as the services rendered bears to the services required. Either party may terminate this Agreement for good cause shown with forty-five (45) days written notice, which shall explain the party’s cause for the termination. If the parties do not reach a settlement before the end of the 45 days, then the Agreement shall terminate on the forty-fifth day.
3. The contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, sexual orientation, gender identity, or national origin. The contractor will take affirmative action to ensure that applicants are employed and that employees are treated during employment without regard to their race, color, religion, sex, sexual orientation, gender identity, or national origin. Such action shall include, but not be limited to the following:
  - (1) Employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided setting forth the provisions of this nondiscrimination clause.
  - (2) The contractor will, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, or national origin.
  - (3) The contractor will not discharge or in any other manner discriminate against any employee or applicant for employment because such employee or applicant has inquired about, discussed, or disclosed the compensation of the employee or applicant or another employee or applicant. This provision shall not apply to instances in which an employee who has access to the compensation information of other employees or applicants as a part of such employee's essential job functions discloses the compensation of such other employees or applicants to individuals who do not otherwise have access to such information, unless such disclosure is in response to a formal complaint or charge, in furtherance of an investigation, proceeding, hearing, or action, including an investigation conducted by the employer, or is consistent with the contractor's legal duty to furnish information.



- (4) The contractor will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding a notice to be provided advising the said labor union or workers' representatives of the contractor's commitments under this section and shall post copies of the notice in conspicuous places available to employees and applicants for employment.
- (5) The contractor will comply with all provisions of Executive Order 11246 of September 24, 1965, and of the rules, regulations, and relevant orders of the Secretary of Labor.
- (6) The contractor will furnish all information and reports required by Executive Order 11246 of September 24, 1965, and by rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to his books, records, and accounts by the administering agency and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders.
- (7) In the event of the contractor's noncompliance with the nondiscrimination clauses of this contract or with any of the said rules, regulations, or orders, this contract may be canceled, terminated, or suspended in whole or in part, and the contractor may be declared ineligible for further government contracts or federally assisted construction contracts in accordance with procedures authorized in Executive Order 11246 of September 24, 1965, and such other sanctions may be imposed and remedies invoked as provided in Executive Order 11246 of September 24, 1965, or by rule, regulation, or order of the Secretary of Labor, or as otherwise provided by law.
- (8) The contractor will include the portion of the sentence immediately preceding paragraph (1) and the provisions of paragraphs (1) through (8) in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to section 204 of Executive Order 11246 of September 24, 1965, so that such provisions will be binding upon each subcontractor or vendor. The contractor will take such action with respect to any subcontract or purchase order as the administering agency may direct as a means of enforcing such provisions, including sanctions for noncompliance.

Provided, however, that in the event a contractor becomes involved in or is threatened with litigation with a subcontractor or vendor as a result of such direction by the administering agency, the contractor may request the United States to enter into such litigation to protect the interests of the United States.

4. If fulfillment of the contract requires the contractor to employ mechanic's or laborers, the contractor further agrees that it can and will comply with the following:

- (1) Overtime requirements: No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such a workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such a workweek.
- (2) Violation: liability for unpaid wages; liquidated damages. In the event of any violation of the clause set forth in paragraph (1) of this section, the contractor and any subcontractor responsible therefor shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory) for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph (1) of this section, in the sum of \$10 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph (1) of this section.
- (3) Withholding for unpaid wages and liquidated damages. LFUCG shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by the contractor or subcontractor under any such contract or any other federal contract with the same prime contractor, or any other federally-assisted contract

subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (2) of this section.

(4) Subcontracts. The contractor or subcontractor shall insert in any subcontracts the clauses set forth in paragraph (1) through (4) of this section and also a clause requiring the subcontractors to include these clauses in any lower-tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower-tier subcontractor with the clauses set forth in paragraphs (1) through (4) of this section.

5. The contractor shall comply with all applicable standards, orders, or regulations issued pursuant to the Clean Air Act, as amended, 42 U.S.C. § 7401 et seq.

6. The contractor shall report each violation to LFUCG and understands and agrees that LFUCG will, in turn, report each violation as required to assure notification to the Treasury Department and the appropriate Environmental Protection Agency Regional Office.

7. The contractor shall include these requirements in numerical paragraphs 5 and 6 in each subcontract exceeding \$100,000 financed in whole or in part with American Rescue Plan Act funding.

8. The contractor shall comply with all applicable standards, orders, or regulations issued pursuant to the Federal Water Pollution Control Act, as amended, 33 U.S.C. 1251 et seq.

9. The contractor shall report each violation to LFUCG and understands and agrees that LFUCG will, in turn, report each violation as required to assure notification to the Treasury Department and the appropriate Environmental Protection Agency Regional Office.

10. The contractor shall include these requirements in numerical paragraphs 8 and 9 in each subcontract exceeding \$100,000 financed in whole or in part with American Rescue Plan Act funds.

11. The contractor shall comply with all applicable standards, orders, or regulations issued pursuant to the Federal Water Pollution Control Act, as amended, 33 U.S.C. 1251 et seq.

12. The contractor shall report each violation to LFUCG and understands and agrees that LFUCG will, in turn, report each violation as required to assure notification to the Treasury Department and the appropriate Environmental Protection Agency regional office.

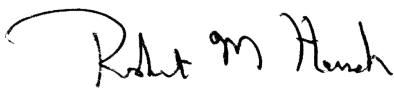
13. The contractor shall include these requirements in numerical paragraphs 11 and 12 in each subcontract exceeding \$100,000 financed in whole or in part with American Rescue Plan Act funds.

14. The contractor shall include this language in any subcontract it executes to fulfill the terms of this bid: “the subgrantee, contractor, subcontractor, successor, transferee, and assignee shall comply with Title VI of the Civil Rights Act of 1964, which prohibits recipients of federal financial assistance from excluding from a program or activity, denying benefits of, or otherwise discriminating against a person on the basis of race, color, or national origin (42 U.S.C. § 2000d et seq.), as implemented by the Department of the Treasury’s Title VI regulations, 31 CFR Part 22, which are herein incorporated by reference and made a part of this contract (or agreement). Title VI also includes protection to persons with ‘Limited English Proficiency’ in any program or activity receiving federal financial

assistance, 42 U.S.C. § 2000d et seq., as implemented by the Department of the Treasury's Title VI regulations, 31 CFR Part 22, and herein incorporated by reference and made a part of this contract or agreement.”

15. Contractors who apply or bid for an award of \$100,000 or more shall file the required certification that it will not and has not used federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency. Each tier certifies to the tier above that it will not and has not used federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any federal contract, grant, or any other award covered by 31 U.S.C. § 1352. Each tier shall also disclose any lobbying with non-federal funds that takes place in connection with obtaining any federal award. Such disclosures are forwarded from tier to tier, up to the recipient. The required certification is included here:

- a. The undersigned certifies, to the best of his or her knowledge and belief, that:
  - (1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
  - (2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, “Disclosure Form to Report Lobbying,” in accordance with its instructions.
  - (3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.
- b. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.



\_\_\_\_\_  
Signature

09/26/2022

\_\_\_\_\_  
Date



means to send and receive messages and emails, camera, vehicle, survey equipment, and any other equipment or office needs.

- In development of fee proposals, Survey Firms are advised that there will be no reimbursement for travel, subsistence, calls, or work outside of normal business hours. These costs should be considered in the fee proposal.
- DWQ will pay mileage at the current LFUCG mileage rate.
- DWQ will not pay subsistence (meals, lodging, or other expense).

**Bid For General Surveying Services**

<b>Year One</b>	<b>Hourly Rate</b>	<b>Hours</b>	<b>Weekly Total</b>
PLS	<u>\$125.00</u>	40	<u>\$5000.00</u>
Two-Man Survey Crew	<u>\$149.00</u>	40	<u>\$5960.00</u>
Total			<u>\$10,960.00</u>

**Additional Services**

CAD Technician	<u>\$84.00</u>	40	<u>\$3360.00</u>
Clerical	<u>\$60.00</u>	40	<u>\$2400.00</u>