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Austin, Texas 78759

TBPE 2946

Williamson County Road and Bridge Division
21RFSQ14 RFQ Design Engineering Services for Small Drainage & Small Roadway
Projects
Road and Drainage Improvements
Statement of Qualifications

Gray Engineering, Inc.
8834 N. Capital of Texas Highway, Suite 140
Austin, Texas 78759
TBPE Firm # 2946

October 2021



Williamson County Road and Bridge Division
21RFSQ14 – Design Engineering Services for Small Drainage and Small Roadway Projects
Road and Drainage Improvements
Statement of Qualifications – Transmittal Letter

Section 1

Gray Engineering, Inc. (GEI) is happy to provide this Statement of Qualifications (SOQ) to Williamson County (County) for providing engineering services for Small Drainage and Small Roadway Projects (Project).

GEI is a small-size, full-service civil engineering and construction services firm serving the greater Central Texas region. With the energy and expertise required of today's business environment, GEI is guided by a steady hand that comes from over four decades of personal Central Texas relationships and experience.

Since 1989, GEI's friendly and determined team of professional engineers and representatives has delivered high-quality, creative, and timely solutions to our clients' most important engineering design concerns.

GEI's agile team has a proven history of delivering on-time and cost-effective engineering solutions for infrastructure, roadway, and storm drainage improvements, positively impacting countless Central Texans.

The firm is 100% locally owned and operated with its office located at 8834 North Capital of Texas Highway, Suite 140, Austin, Texas 78759. The firm's main phone is (512) 452-0371 and website is www.grayengineeringinc.com. The corporate email address is info@grayengineeringinc.com, while David Gray's email is dwg@grayengineeringinc.com. The firm's Texas Board of Professional Engineers (TBPE) is No. 2946.

This SOQ is divided into Sections 1-9 with Appendices A-C, as outlined in the criteria for SOQs on this Project.

This SOQ and supporting documents are being offered to the County for use in evaluating GEI's experience and expertise to assist the County with the engineering services required on this Project.

Sincerely,

GRAY ENGINEERING, INC

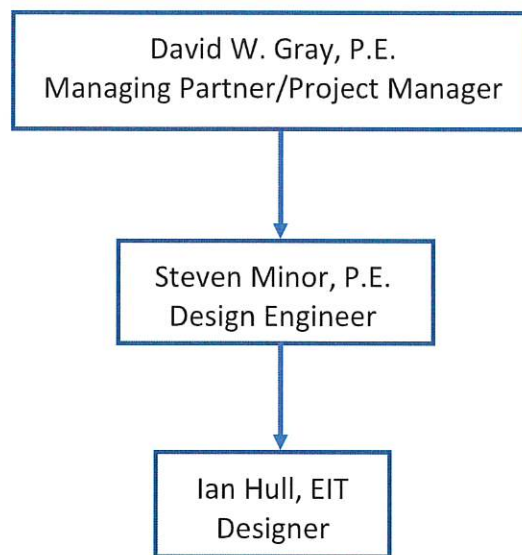
David W. Gray, P.E.
President

DWG:ad

Williamson County Road and Bridge Division
21RFSQ14 – Design Engineering Services for Small Drainage and Small Roadway Projects
Road and Drainage Improvements
Statement of Qualifications – Organizational Chart

Section 2

The organizational chart presented below is for the Williamson County 21RFSQ14 RFQ for Design Engineering Services for Small Drainage and Small Roadway Projects alone. All GEI staff listed on the organizational chart below office 100% of their time at the firm's office located at 8834 North Capital of Texas Highway, Suite 140, Austin, Texas 78759. Resumes of all GEI staff listed on the organizational chart below are attached in Appendix A to this SOQ.



Williamson County Road and Bridge Division
21RFSQ14 – Design Engineering Services for Small Drainage and Small Roadway Projects
Road and Drainage Improvements
Statement of Qualifications – Project Manager’s Experience/Qualifications

Section 3

David W. Gray, P.E., Managing Partner/Project Manager

David Gray graduated UT Austin in 1976 with a degree in Bachelor of Science in Civil Engineering and has been in active practice in civil engineering in the Central Texas Area full-time since then. David was a partner with Haynie, Kallman, & Gray from 1978 to 1989, and then Gray Engineering, Inc. since 1989 to the present.

David has been involved as the lead design engineer on numerous roadway and drainage projects in and around Central Texas, including Williamson County, during a 44-year period. In this role, David has been involved in the preliminary and final design of the roadway plan and profiles, storm drainage improvements including roadside ditches, curb and gutter sections, and related storm water detention/water quality improvements. David’s responsibilities have also included managing the production of these design plan sets including managing the engineers, EITs and drafting staff who worked on these projects.

Some examples of these include:

1. Block House Drive
2. Creek Run Blvd. (Block House)
3. Great Oaks Drive
4. O’Connor Drive (Brushy Creek)
5. Elroy Road
6. Parmer Lane (Alignment & ROW Acquisition)
7. US 183-A (Alignment & ROW Acquisition)
8. Vista Heights Blvd.

Williamson County Road and Bridge Division
21RFSQ14 – Design Engineering Services for Small Drainage and Small Roadway Projects
Road and Drainage Improvements
Statement of Qualifications – Roadway Seal Coat and Overlay

Section 4

Steven Minor, P.E., Design Engineer

Steven Minor, P.E. graduated from UT Tyler in 2014 with a degree in Bachelor of Science in Civil Engineering. He was active as an Engineer in Training (E.I.T.) in Civil Engineering until, taking and passing the PE in 2019. He now works at Gray Engineering, Inc. as a project manager. He has worked for Brushy Creek Engineering, and Gray Engineering, Inc. from 2015-2016, and 2016-Present, respectively. Steven has been involved in management and design in numerous projects in Central Texas, including Williamson County. In these projects and many others, Steven has been involved in design and drafting plans including seal coat and overlay, and coordination with city/county reviewers, surveyors, contractors, and others.

Some examples of these projects include:

1. Various roadway maintenance projects within WCID19 MUD
2. Design and cost analysis of maintenance within the City of Mart roadway systems

Ian Hull, E.I.T., Designer

Ian Hull graduated from UT Austin in 2016 with a degree in Bachelor of Science in Civil Engineering. He has been active as an Engineer in Training (E.I.T.) in Civil Engineering since then. He was employed as an E.I.T. at LandTech Consultants from 2016-2017, then at Gray Engineering from 2017 to present. Ian has been involved as an E.I.T. designer in numerous roadway projects in Central Texas, including Williamson County. In these projects and many others, Ian has been involved in design and drafting plans including seal coat and overlay, and coordination with city/county reviewers, surveyors, contractors, and others.

Some examples of these projects include:

1. North Pea Ridge Road, Road Widening & Reconstruction (Temple, TX)
2. FM 973 Road Widening and Resurfacing (Austin, TX)

Williamson County Road and Bridge Division
21RFSQ14 – Design Engineering Services for Small Drainage and Small Roadway Projects
Road and Drainage Improvements
Statement of Qualifications – Roadway Planning/Design

Section 5

Steven Minor, P.E., Design Engineer

Steven Minor, P.E. graduated from UT Tyler in 2014 with a degree in Bachelor of Science in Civil Engineering. He was active as an Engineer in Training (E.I.T.) in Civil Engineering until, taking and passing the PE in 2019. He now works at Gray Engineering, Inc. as a project manager. He has worked for Brushy Creek Engineering, and Gray Engineering, Inc. from 2015-2016, and 2016-Present, respectively. Steven has been involved in management and design in numerous roadway planning and design projects in Central Texas, including Williamson County. In these projects and many others, Steven has been involved in design, drafting, and revising plans, and coordination with city/county reviewers, surveyors, contractors, and others.

Some examples of these projects include:

1. US 183, Deceleration Lane (Liberty Hill, TX)
2. NE Inner Loop, Road Widening and Left Turn Lane (Georgetown, TX)
3. County Road 282 Roadway Improvement Project (Williamson County, TX)
4. Road Planning and Design within Multiple Subdivisions
 - a. Stillwater Phases 1-3 (Georgetown, TX)
 - b. Liberty Hill 90 (Liberty Hill, TX)
 - c. Commons at Rowe Lane 4B-6B (Pflugerville, TX)
 - d. Glen Ellyn (Round Rock, TX)

Ian Hull, E.I.T., Designer

Ian Hull, E.I.T. graduated from UT Austin in 2016 with a degree in Bachelor of Science in Civil Engineering. He has been active as an Engineer in Training (E.I.T.) in civil engineering since then. He was employed as an E.I.T. at LandTech Consultants from 2016-2017, then at Gray Engineering, Inc. from 2017 to present. Ian has been involved as an E.I.T. designer in numerous roadway planning and design projects in Central Texas, including Williamson County. In these projects, and many others, Ian has been involved in design, drafting and revising plans, and coordination with city/county reviewers, surveyors, contractors, and others.

Some examples of these projects include:

1. North Pea Ridge Road, Road Widening & Reconstruction (Temple, TX)
2. FM 973, Road Widening and Resurfacing (Austin, TX)
3. US 183, Deceleration Lane (Liberty Hill, TX)
4. NE Inner Loop, Road Widening and Left Turn Lane (Georgetown, TX)
5. County Road 282 Roadway Improvement Project (Williamson County, TX)
6. Road Planning and Design within Multiple Subdivisions
 - a. Stillwater Phases 1-3 (Georgetown, TX)
 - b. Highland Meadows Phase 2E (Georgetown, TX)
 - c. Liberty Hill 90 (Liberty Hill, TX)

Williamson County Road and Bridge Division
21RFSQ14 – Design Engineering Services for Small Drainage and Small Roadway Projects
Road and Drainage Improvements
Statement of Qualifications – Environmental and Roadway Permitting

Section 6

Steven Minor, P.E., Design Engineer

Steven Minor, P.E. graduated from UT Tyler in 2014 with a degree in Bachelor of Science in Civil Engineering. He was active as an Engineer in Training (E.I.T.) in Civil Engineering until, taking and passing the PE in 2019. He now works at Gray Engineering, Inc. as a project manager. He has worked for Brushy Creek Engineering, and Gray Engineering, Inc. from 2015-2016, and 2016-Present, respectively. As a project manager, many projects Steven has worked on involved environmental clearances such as water quality treatment, habitat protection of protected species, pest management, and regulatory boundary changes. Steven has used engineering judgement and standard requirements to identify environmental requirements of projects. When design aspects required environmental reporting, Steven helped coordinate with professional subconsultants to ensure the environmental guidelines for each municipality were adhered to.

Some examples of projects Steven has worked on that involved environmental and roadway planning and coordination with Central Texas entities include:

1. Liberty Hill 90 Deceleration Lane, TxDOT ROW US-183
2. 300,000 Gallon Storage Tank BCCP, IPM, and Rain Garden Plans
3. Scofield Farms, Sand Filtration Water Quality Pond
4. Lakeside MUD No. 3 PWSID and CCN Modification and Creation
5. SW3P for various Maintenance projects within numerous MUDs

Ian Hull, E.I.T., Designer

Ian Hull graduated from UT Austin in 2016 with a degree in Bachelor of Science in Civil Engineering. He has been active as an Engineer in Training (E.I.T.) in Civil Engineering since then. He passed the PE in 2020, and plans to apply for a PE license in 2021. He was employed as an E.I.T. at LandTech Consultants from 2016-2017, then at Gray Engineering from 2017 to present. As an E.I.T designer, many projects Ian has worked on involved environmental clearances such as water quality treatment, habitat protection of protected species, pest management, and regulatory boundary changes. When design aspects required environmental reporting, Ian helped coordinate with professional subconsultants to ensure the environmental guidelines for each municipality were adhered to.

Some examples of projects Ian has worked on that involved environmental and roadway planning and coordination with Central Texas entities include:

1. Liberty Hill 90 Deceleration Lane, TxDOT ROW US-183
2. FM 973 Highway Improvement Project, TxDOT Plans including EPIC and SW3P
3. 300,000 Gallon Storage Tank BCCP, IPM, and Rain Garden Plans
4. Lakeside MUD No. 3 PWSID and CCN Modification and Creation
5. SW3P for various Maintenance projects within numerous MUDs

Williamson County Road and Bridge Division
21RFSQ14 – Design Engineering Services for Small Drainage and Small Roadway Projects
Road and Drainage Improvements
Statement of Qualifications – Roadway Drainage Planning/Design

Section 7

Steven Minor, P.E., Design Engineer

Steven Minor, P.E. graduated from UT Tyler in 2014 with a degree in Bachelor of Science in Civil Engineering. He was active as an Engineer in Training (E.I.T.) in Civil Engineering until, taking and passing the PE in 2019. He now works at Gray Engineering, Inc. as a project manager. He has worked for Brushy Creek Engineering, and Gray Engineering, Inc. from 2015-2016, and 2016-Present, respectively. Steven has been involved in management and design in numerous roadway drainage planning and design projects in Central Texas, including Williamson County. In these projects and many others, Steven has been involved in design, drainage analysis, drafting, and revising plans, and coordination with city/county reviewers, surveyors, contractors, and others.

Some examples of these projects include:

1. US 183, Deceleration Lane (Liberty Hill, TX)
2. Drainage Improvements to Various County Roads (Williamson County, TX)
3. County Road 282 Roadway Improvement Project (Williamson County, TX)
4. Road Drainage Planning and Design within Multiple Subdivisions
 - a. Stillwater Phases 1-3 (Georgetown, TX)
 - b. Liberty Hill 90 (Liberty Hill, TX)
 - c. Commons at Rowe Lane 4B-6B (Pflugerville, TX)
 - d. Glen Ellyn (Round Rock, TX)
 - e. Shadow Canyon Phases 2-6 (Georgetown, TX)
 - f. Gardens at Mayfield Subdivision (Round Rock, TX)

Ian Hull, E.I.T., Designer

Ian Hull graduated from UT Austin in 2016 with a degree in Bachelor of Science in Civil Engineering. He has been active as an Engineer in Training (E.I.T.) in Civil Engineering since then. He was employed as an E.I.T. at LandTech Consultants from 2016-2017, then at Gray Engineering from 2017 to present. Ian has been involved as an E.I.T. designer in numerous roadway drainage planning and design projects in Central Texas, including Williamson County. In these projects and many others, Ian has been involved in design, drainage analysis, drafting and revising plans, and coordination with city/county reviewers, surveyors, contractors, and others.

Some examples of these projects include:

1. North Pea Ridge Road, Road Widening & Reconstruction (Temple, TX)
2. FM 973 Road Widening and Resurfacing (Austin, TX)
3. US 183 Deceleration Lane (Liberty Hill, TX)
4. County Road 282 Roadway Improvement Project (Williamson County, TX)
5. Drainage Improvements to Various County Roads (Williamson County, TX)
6. Road Drainage Planning and Design within Multiple Subdivisions
 - a. Stillwater Phases 1-3 (Georgetown, TX)
 - b. Liberty Hill 90 (Liberty Hill, TX)

Williamson County Road and Bridge Division
21RFSQ14 – Design Engineering Services for Small Drainage and Small Roadway Projects
Road and Drainage Improvements
Statement of Qualifications

Section 8

Upon receiving notification from Williamson County for a proposed Small Drainage/Roadway Project, GEI will coordinate with the County to define a scope and required information to begin the project. GEI will report back to the County with a proposed budget, scope, and schedule for the work to be provided. Once the work is agreed upon between GEI and Williamson County and a work authorization is finalized, GEI will proceed with an evaluation of the existing conditions via a site visit and provided data. GEI will use the existing information to the extent possible to efficiently design to the scope defined in the specific project. Proposed drainage infrastructure and road repairs will be proposed based on Williamson County regulations. GEI will suggest design stage meetings to keep the County input on design decisions. The project will be reviewed for QA/QC internally to GEI and then provided for Williamson County for review and comment. GEI can concurrently provide environmental review coordination with any required jurisdictions. As it is required within the scope, GEI can provide construction phase services, cost estimates, contract review, bidding phase services, and/or construction observation. Once the project is complete, GEI can sign concurrence letters on the project and close construction for acceptance.

Williamson County Road and Bridge Division
21RFSQ14 – Design Engineering Services for Small Drainage and Small Roadway Projects
Road and Drainage Improvements
Statement of Qualifications

Section 9

David W. Gray, P.E., Managing Partner/Project Manager

Current active projects including approximate hours devoted to each on a weekly basis, and estimated completion dates are as follows:

<u>Project</u>	<u>Weekly Hrs.</u>	<u>%</u>	<u>Completion Date</u>
Water Districts-Misc. Consultation	10	25%	On Going
Bond Issues-TCEQ Approvals	6	15%	On Going
WC CR 282-Design/Construction	5	12.5%	07/2022
Miscellaneous Projects-Management	3	7.5%	On Going
Bar V Ranch Development – Bell County	4	10%	On Going
El Paso County Drainage Expert Witness	2	5%	04/2022
Administration	2	5%	On Going
Proposed WC Small DRG/Road Projects	8	20%	Pending

Steven Minor, P.E., Design Engineer

Current active projects including approximate hours devoted to each on a weekly basis, and estimated completion dates are as follows:

<u>Project</u>	<u>Weekly Hrs.</u>	<u>%</u>	<u>Completion Date</u>
Riverview, Phases 3 & 4-CA	6	15%	11/2021
Scofield Farms-Design/Construction	4	10%	11/2021
WC CR 282-Design/Construction	5	12.5%	07/2022
Water Districts-Misc. Consultation	2	5%	On Going
Loop 360 WSC Tank – Construction	2	5%	12/2022
LH 90-Design/Construction	2	5%	11/2021
Miscellaneous Site Plans	5	12.5%	On Going
Bar V Ranch Development – Bell County	5	12.5%	On Going
Proposed WC Small DRG/Road Projects	9	22.5%	Pending

Ian Hull, E.I.T., Designer

Current active projects including approximate hours devoted to each on a weekly basis, and estimated completion dates are as follows:

<u>Project</u>	<u>Weekly Hrs.</u>	<u>%</u>	<u>Completion Date</u>
WC CR 282-Design	8	20%	07/2022
Water Districts-Misc. Design	4	10%	On Going
Miscellaneous Site Plans	5	12.5%	On Going
GOTA Warehouse Site Plan	10	25%	12/2021
Scofield Farms-Design/Construction	1	2.5%	11/2021
Proposed WC Small DRG/Road Projects	12	30%	Pending

ATTACHMENTS TO

Williamson County Road and Bridge Division

21RFSQ14 – Design Engineering Services for Small Drainage and Small

Roadway Projects

Road and Drainage Improvements

Statement of Qualifications

APPENDICES A & C

APPENDIX A

RESUMES

- **David W. Gray, P.E. – Managing Partner/Project Manager**
- **Steven Minor, P.E. – Design Engineer**
- **Ian Hull, EIT – Designer**

DAVID W. GRAY, P.E.

EXPERIENCE/EXPERTISE SUMMARY

David W. Gray is the President of Gray Engineering, Inc.

Mr. Gray has over 44 years of experience in engineering consulting, project management and expert witness work.

In 1976, Mr. Gray served as a designer for water and wastewater projects for Pittman Engineering, Inc. in Austin, Texas. He was responsible for evaluation, layout and design of water distribution and wastewater collection systems for a number of developments in and around the Central Texas area.

From 1977 through 1978, he worked as a staff engineer with the Texas Natural Resource Conservation Commission (now the Texas Commission on Environmental Quality – TCEQ) on water district-related issues throughout the State of Texas.

From 1979 through early 1989, Mr. Gray worked as a design engineer and project manager for Haynie & Kallman, Inc. and then additionally as a partner for Haynie, Kallman & Gray, Inc. In these positions, he was responsible for evaluating and overseeing the design including supervision of a large staff of professional engineers and designers for a number of utility and road systems in and around the Central Texas area. As a partner, Mr. Gray carried the additional responsibility of over-viewing the firm's overall focus on managing over a hundred professional and design technicians and serving as project manager on many of the firm's major projects.

Mr. Gray started David W. Gray Engineering Company, Inc. in April 1989. In this position, he leads the firm's focus on developing cost effective solutions to many different civil engineering situations for clients in and around the State of Texas. Engineering solutions include those associated with the design and installation of water, wastewater and storm drainage utilities and roadway improvements, engineering design and construction management of utility support facilities, including plants and pump stations, as well as the installation and rehabilitation of existing utility pipeline systems.

EDUCATION/ REGISTRATION

B.S., Civil Engineering, University of Texas, Austin, Texas
Registered Professional Engineer, Texas
American Society of Civil Engineers
Austin Contracts & Engineers Association (Past President)

PIPELINE EXPERIENCE

Brushy Creek Municipal Utility District Williamson County, Texas

Overall Design & Project Manager for the planning, design and management for the utility and roadway improvements necessary to serve this 2,100-acre development located in southern Williamson County, Texas. Prepared overall master utility plan as well as implemented extensions to that plan to serve all areas of development within the project. Major roadway improvements included Great Oaks Drive from Sam Bass Road to RR 620 and O'Connor Drive from RR 620 to the western boundary of the Brushy Creek development.

**Block House Municipal Utility District
Williamson County, Texas**

Overall Design & Project Manager for the planning, design and management for the utility systems and major roadway improvements necessary to serve this 1,000-acre development located in southern Williamson County, Texas. Prepared overall master utility plan as well as implemented extensions to that plan to serve all areas of development within the project. The overall project also included the design and construction management for all utility and roadway infrastructure improvements, water booster pump stations and storage tank. Notable roadway improvements included Block House Drive and Creek Run Blvd. within the development.

**Parmer Lane and US 183-A Alignment and ROW Dedication
Williamson County, Texas**

Projects included assisting with the preliminary planning for the alignment of both major arterials as well as identifying various tracts of land and contacting those for ROW dedication for the roadway improvements.

**Elroy Road Improvements
Travis County, Texas**

Project included the design and construction management of road and drainage improvements for Elroy Road along and adjacent to the Moore's Crossing development in Southeast Travis County. The project was privately funded but taken over for operation and maintenance by Travis County upon completion.

**Municipal Utility Districts in General
State of Texas**

Provided district creation, formation and bond issuance assistance and overall project management for ongoing district utility activities relating to the extension of water and wastewater lines to serve developing areas within a number of municipal utility districts located in and around the State of Texas. These governmental entities provide retail water and wastewater service to customers within the boundaries of their districts and require not only the initial design and construction administration for the improvements but also ongoing consultation on utility problems as they occur over the life of the system.

Northwest "B" 3.0 Million Gallon Elevated Water Storage Reservoir

This elevated reservoir was constructed to serve the northwest area of Austin. The reservoir was a hydropillar design and at over 220 feet in height, was the world's tallest 3.0 million-gallon elevated reservoir at the time of construction. The \$2,200,000 reservoir was funded by a consortium of twenty (20) private developers in the area and turned over to the City of Austin for operation and maintenance upon completion. Mr. Gray was responsible for design and construction administration as well as supervising pro rata construction funding by the consortium.

Chisholm Trail IH-35 South Exit Ramp Relocation

This project involved the evaluation, design and construction supervision of the relocation of an exit ramp along IH-35 immediately south of the intersection with FM 3406 in Round Rock, Texas.

Williamson County Regional Trail

A new regional park was developed just north of FM 1431 off Sam Bass Road. As a part of this project, the firm prepared design plans and provided construction supervision of the regional trail system in and around the park and along Brushy Creek.

Steven Minor

8834 N. Capital of TX Hwy,
Suite 140
Austin, TX 78759
512-574-8340
sminor@grayengineeringinc.com

EDUCATION/CERTIFICATIONS

University of Texas at Tyler, Tyler, Texas, 2014
Bachelor of Civil Engineering, class of May 2014
GPA: 3.2/4.0
FE Passed Fall 2013
PE Passed Fall 2019

SELECTED COURSEWORK

Advanced Steel and Concrete Design	Hydrology
Transportation Engineering	Geology
Environmental Engineering Design	Mechanics of Materials
Geomatics	Fluid Mechanics
Engineering Graphics	

PROFICIENCIES

Storm & Sanitary Analysis	AutoDesk Civil3D	Microsoft Word/Excel
Project Management	CulvertMaster	HEC-HMS
HydroCAD	Lab Analysis	FlowMaster
Bluebeam REVU	HEC-RAS	AutoCAD

Additional skills: Excellent time management and organizational skills

EXPERIENCE

Gray Engineering, Inc., June 2016-Present

Project Manager

- Design a multitude of projects, both public and private, involving roads, utilities, drainage, and grading
- Review, approve, and file, testing reports, contractor pay estimates, submittals, and concurrence letters during project construction
- Manage multiple team members to ensure proper budgetary and scheduling concerns were met
- Designed and coordinated projects within both City and rural jurisdictions for County's, City's, and MUD's

Brushy Creek Engineering, January 2015-June 2016

Project Manager/Graduate Engineer in Training

- Designed multiple sites, usually in a solo role for private entities
- Create engineering reports and letters to be provided to reviewing entities
- Generated plan sets using AutoCAD and Civil3D tools
- Coordinated applications and meetings with any and all reviewing jurisdictions

COMMUNITY AND PROFESSIONAL AFFILIATIONS

Urban Land Institute - Austin
Real Estate and Contractors Association – Austin
Austin Contractors and Engineers Association

EXPERIENCE

Gray Engineering Inc.; Austin, TX

Engineer In Training, Designer

- Worked on designing and creating construction plans for Roads, Utilities, Site Plans, and Subdivisions
- Performed drainage analysis, and designed drainage infrastructure such as stormsewer systems, channels, detention ponds, water quality ponds, and rain gardens
- Coordinated with City & County Reviewers, Surveyors, Engineers, and others to complete construction plans and get them approved
- Utilized software such as Culvertmaster, Flowmaster, Autodesk SSA, HEC-HMS, HEC-RAS, StormCAD, WaterCAD, and Excel for design calculations
- Utilized AutoCAD Civil3D for drafting and design purposes
- Prepared Quantity take offs and cost estimates

LandTech Consultants; Westport, CT

8/2016-5/2017

Associate Civil Engineer/Drafter (Engineer in Training)

- Drafted and revised surveys, site plans, construction details, cross sections, and profiles using AutoCAD
- Assisted in surveying, measured as-built dimensions, performed soil percolation tests, and soil analysis
- Assembled and delivered drainage reports, and land use applications for projects in several towns
- Performed drainage analysis, septic tank/leach field sizing, cut/fill, grading, and lot coverage calculations
- Researched and utilized data from GIS maps, FEMA flood maps, Web Soil Survey, and municipal records
- Created color renderings and markups of plans using Bluebeam Revu

The University of Texas at Austin; Austin, TX

6/2014-5/2016

Civil Engineering Student, Class Projects Included;

- Designed a detention pond and bridge to reduce flooding at a hazardous road crossing
- Designed a wastewater treatment plant that met TCEQ design criteria for current and future conditions
- Drafted plans in Civil3D including site Improvement, utility, tree protection, grading, and conceptual plans
- Drafted various devices and mechanical parts in 2D and 3D in AutoCAD and by hand

EDUCATION

Bachelor of Science in Civil Engineering

Graduated: 5/2016

- The University of Texas at Austin
- GPA: 3.71/4.00

Relevant Coursework: Hydrology, Hydraulics, Hydraulic Design, Transportation Engineering, Technical Drafting, Transportation Engineering, Environmental Engineering, Water & Wastewater Treatment Engineering, Structural Analysis, Geotechnical Engineering

SKILLS

Proficient in AutoCAD, Civil3D, SSA, Flowmaster, GPS-X, ArcGIS, HEC-HMS, HEC-RAS, CulvertMaster, StormCAD, HydroCAD, Bluebeam REVU, GoogleEarth, and Microsoft Office
Familiar with ANSYS Fluent, SAP2000, HTML, and the programming language C

CERTIFICATIONS

Engineer-In-Training (EIT) Certified

7/2016 - Present

APPENDIX C

CONFLICT OF INTEREST QUESTIONNAIRE

CONFLICT OF INTEREST QUESTIONNAIRE

FORM CIQ

For vendor doing business with local governmental entity

This questionnaire reflects changes made to the law by H.B. 23, 84th Leg., Regular Session.

This questionnaire is being filed in accordance with Chapter 176, Local Government Code, by a vendor who has a business relationship as defined by Section 176.001(1-a) with a local governmental entity and the vendor meets requirements under Section 176.006(a).

By law this questionnaire must be filed with the records administrator of the local governmental entity not later than the 7th business day after the date the vendor becomes aware of facts that require the statement to be filed. See Section 176.006(a-1), Local Government Code.

A vendor commits an offense if the vendor knowingly violates Section 176.006, Local Government Code. An offense under this section is a misdemeanor.

OFFICE USE ONLY

Date Received

1 Name of vendor who has a business relationship with local governmental entity.

GRAY ENGINEERING, INC.

2 ☐ Check this box if you are filing an update to a previously filed questionnaire. (The law requires that you file an updated completed questionnaire with the appropriate filing authority not later than the 7th business day after the date on which you became aware that the originally filed questionnaire was incomplete or inaccurate.)

3 Name of local government officer about whom the information is being disclosed.

NA

Name of Officer

4 Describe each employment or other business relationship with the local government officer, or a family member of the officer, as described by Section 176.003(a)(2)(A). Also describe any family relationship with the local government officer. Complete subparts A and B for each employment or business relationship described. Attach additional pages to this Form CIQ as necessary.

A. Is the local government officer or a family member of the officer receiving or likely to receive taxable income, other than investment income, from the vendor?

☐ Yes

☐ No

B. Is the vendor receiving or likely to receive taxable income, other than investment income, from or at the direction of the local government officer or a family member of the officer AND the taxable income is not received from the local governmental entity?

☐ Yes

☐ No

5 Describe each employment or business relationship that the vendor named in Section 1 maintains with a corporation or other business entity with respect to which the local government officer serves as an officer or director, or holds an ownership interest of one percent or more.

6 ☐ Check this box if the vendor has given the local government officer or a family member of the officer one or more gifts as described in Section 176.003(a)(2)(B), excluding gifts described in Section 176.003(a-1).

7

[Signature]
Signature of vendor doing business with the governmental entity

10/6/2021
Date

CONFLICT OF INTEREST QUESTIONNAIRE

For vendor doing business with local governmental entity

A complete copy of Chapter 176 of the Local Government Code may be found at <http://www.statutes.legis.state.tx.us/Docs/LG/htm/LG.176.htm>. For easy reference, below are some of the sections cited on this form.

Local Government Code § 176.001(1-a): "Business relationship" means a connection between two or more parties based on commercial activity of one of the parties. The term does not include a connection based on:

- (A) a transaction that is subject to rate or fee regulation by a federal, state, or local governmental entity or an agency of a federal, state, or local governmental entity;
- (B) a transaction conducted at a price and subject to terms available to the public; or
- (C) a purchase or lease of goods or services from a person that is chartered by a state or federal agency and that is subject to regular examination by, and reporting to, that agency.

Local Government Code § 176.003(a)(2)(A) and (B):

- (a) A local government officer shall file a conflicts disclosure statement with respect to a vendor if:

- (2) the vendor:

(A) has an employment or other business relationship with the local government officer or a family member of the officer that results in the officer or family member receiving taxable income, other than investment income, that exceeds \$2,500 during the 12-month period preceding the date that the officer becomes aware that

(i) a contract between the local governmental entity and vendor has been executed; or

(ii) the local governmental entity is considering entering into a contract with the vendor;

(B) has given to the local government officer or a family member of the officer one or more gifts that have an aggregate value of more than \$100 in the 12-month period preceding the date the officer becomes aware that:

(i) a contract between the local governmental entity and vendor has been executed; or

(ii) the local governmental entity is considering entering into a contract with the vendor.

Local Government Code § 176.006(a) and (a-1)

- (a) A vendor shall file a completed conflict of interest questionnaire if the vendor has a business relationship with a local governmental entity and:

(1) has an employment or other business relationship with a local government officer of that local governmental entity, or a family member of the officer, described by Section 176.003(a)(2)(A);

(2) has given a local government officer of that local governmental entity, or a family member of the officer, one or more gifts with the aggregate value specified by Section 176.003(a)(2)(B), excluding any gift described by Section 176.003(a-1); or

(3) has a family relationship with a local government officer of that local governmental entity.

- (a-1) The completed conflict of interest questionnaire must be filed with the appropriate records administrator not later than the seventh business day after the later of:

- (1) the date that the vendor:

(A) begins discussions or negotiations to enter into a contract with the local governmental entity; or

(B) submits to the local governmental entity an application, response to a request for proposals or bids, correspondence, or another writing related to a potential contract with the local governmental entity; or

- (2) the date the vendor becomes aware:

(A) of an employment or other business relationship with a local government officer, or a family member of the officer, described by Subsection (a);

(B) that the vendor has given one or more gifts described by Subsection (a); or

(C) of a family relationship with a local government officer.