

STATEMENT OF QUALIFICATIONS

for

**PROFESSIONAL ENGINEERING SERVICES
CENTRAL AVENUE STREET IMPROVEMENTS**

HORTON, KANSAS

FEBRUARY 2007

SCHWAB-EATON, P.A.
CIVIL ENGINEERS LAND SURVEYORS
AND LANDSCAPE ARCHITECTS

Schwab-Eaton, P.A.

CIVIL ENGINEERS • LAND SURVEYORS • LANDSCAPE ARCHITECTS



February 23, 2007

City of Horton
ATTN: Mr. Levi Henry
205 East Eighth Street
P.O. Box 30
Horton, KS 66439-0030



Re: Request for Qualifications – CDBG
Project No. 07-PF-401

Dear Mr. Henry:

Thank you for meeting with me to discuss the City's CDBG grant. I took some time to drive the project and get acquainted with the area. It was beneficial for me to be able to gain an understanding of not only the engineering issues regarding this project, but some of the background information as well.

We are very interested in assisting the City with the execution of this project. We understand the importance of your schedule and the plan to have the City do a portion of the work. We are committed to working with you to gain the best solutions for your project.

If selected, our specific strategy for this project will be as follows: We will

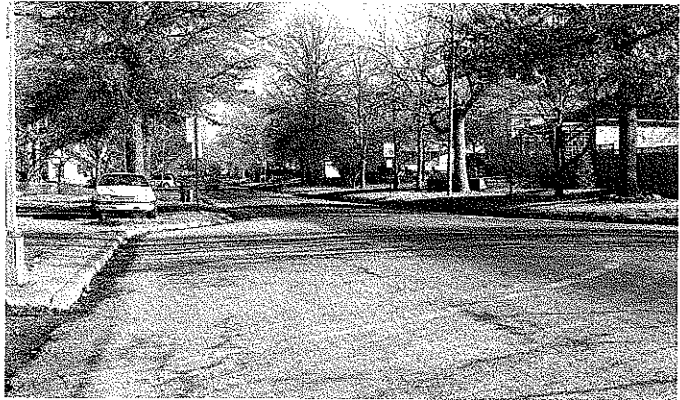
- ✓ meet with the City Commission and interested citizens to listen to the needs and expectations,
- ✓ complete a preliminary design and review with City staff,
- ✓ provide alternate pavement sections to gain flexibility during bidding and construction (pavements to be considered will be concrete or asphalt with concrete curb and gutter),
- ✓ examine drainage concerns and design storm sewer improvements,
- ✓ work with the successful contractor and City staff to provide a quality product for Horton.

In your Request for Qualifications you asked for five specific items relative to experience and expertise. We have addressed each item below in a manner corresponding to your document. Supplementing this is our understanding of the project issues and a description of our project approach.

- (a) **Specialized Experience** – Schwab-Eaton, P.A. was founded in 1957 as a civil engineering firm. Throughout our history we have completed numerous projects similar to this one for communities across the state. Our staff is composed of licensed engineers, surveyors and landscape architects along with a support group of certified inspectors and drafters.

We have been involved in approximately 50 Community Development Block Grant (CDBG) funded projects and are familiar with the requirements of the Kansas Department of Commerce and Housing. Past experience on similar projects has also allowed us to build relationships with people at the Kansas Department of Health and Environment and the Kansas Department of Transportation.

- (b) **Capacity and Capability** – With a staff of over 50 knowledgeable people and technical resources to support them, capacity and capability is not an issue for this project. We have streamlined our survey-to-base map process through the use of coordinated survey and design/drafting equipment.



If selected, we will commit the resources necessary to meet your schedule. We've been around for 50 years and understand that satisfied customers are essential in maintaining a long-term viable company.

- (c) **Performance Record** – The best indication of our past performance can be found from previous and present clients. We encourage you to contact our references and learn what they know – we care about them, not just their projects. Providing quality service is always our goal. In order to achieve this, we believe communication is the key. We listen to our clients and address what is important to them.

One philosophy we maintain at Schwab-Eaton is to not only providing quality service, but to do so at a value to the customer. Our administrative staff is minimal and our owners are devoted primarily to projects. These factors, along with our efficiency,

results in a low overhead rate. This equates to a better value for our clients. We also pride ourselves in staying true to our fee. If selected, we will price our fee on a detailed scope of services. You simply won't get a surprise bill for additional work.

- (d) Proximity and Familiarity – Schwab-Eaton has offices in three locations; Manhattan, Wichita, and Beloit. This project will be completed in Manhattan. We currently have had recent projects with Marshall County Rural Water District No. 3 as well as the cities of Frankfort, Wamego, and Sabetha.
- (e) References – A separate section is included with references from previous projects.

We have also included the following information to better acquaint you with our company:

- ✓ References
- ✓ Resumes of Key Personnel
- ✓ Representative Project List
- ✓ Project Profile
- ✓ Company Brochure
- ✓ Engineer Qualifications



Thank you for the opportunity to respond to your needs. At Schwab-Eaton we feel it is important to work *with* our clients, not just for them. We are very interested in working with your community and we believe we have the team in place to meet your expectations. If you would like to further discuss our qualifications we would be glad to meet with you.

Sincerely,

Schwab-Eaton, P.A.

Gregory E. Fief, P.E.

PROJECT ISSUES

Every project has its own set of challenges. The following is our understanding of some of the critical components that need to be addressed in order for this to be a successful project:



- ✓ **Schedule** – Timing is always an influence on projects. Completing the work within a set schedule contributes a great deal to the success of a project. We will work with you to make sure the process moves along quickly and efficiently.
- ✓ **Landscape** – The Central Avenue corridor is loaded with mature trees. We will work to minimize impact to the existing landscape.

- ✓ **Drainage** – Drainage always impacts projects of this nature. We will study and design drainage facilities to accommodate stormwater runoff.



- ✓ **Budget** – A limited dollar amount will be allocated to this project. It will be our primary focus to stretch these dollars to provide the highest quality product from the money that's available.
- ✓ **Pavement Alternatives** – This is an issue we know how to handle. Your desire to improve the roadways can be achieved with proper design. We will offer alternate pavement sections to provide you with choices.
- ✓ **Neighborhood Issues** – We know how concerned citizens can impact a project. It will be our goal to design a project with positive impacts on the community. If selected, we would welcome a pre-design meeting with the local residents in order to fully grasp their concerns.
- ✓ **Construction Access** – Traffic in, and through, the project site needs to be coordinated. We will examine the issue and develop an access control and phasing plan that will meet the needs of those affected.

PROJECT APPROACH

Our approach to this project is similar to what we would do for all our clients. The main objective is to "plan the work, then work the plan." You can expect Schwab-Eaton to:

- ✓ listen to you and gain an understanding of what issues are most important to you.
- ✓ develop a scope of services which addresses your needs and concerns.
- ✓ develop a timeline for the project to track milestones.
- ✓ involve you during design. We need, and expect your input.



- ✓ assist with bidding and construction related activities.
- ✓ provide you with quality service.

REFERENCES

Since 1957, Schwab-Eaton has provided to federal, state, and local governments, as well as to private clients, successfully completed civil engineering projects, including municipal utilities, urban streets and rural roadways, urban and rural water systems, sanitary sewer districts, drainage, and wastewater treatment facilities, as well as a full range of engineering and construction support services, including contract administration, soils and materials testing and construction inspection services. With a dedication to excellence in engineering, Schwab-Eaton is able to provide a team of fully capable, qualified engineers and technicians.

Following are some of the clients for whom we have provided similar design engineering services. As we feel our past and current clients are the best index available for assessment of our professional abilities, we invite you to contact the following:

Mr. Doug Allen, City Administrator
805 Main
P.O. Box 187
Sabetha, KS 66534
(785) 284-2158

Mr. Rob Ott, Public Works Director
1101 Poyntz Avenue
Manhattan, KS 66502
(785) 587-2489

Ms. Diane Haverkamp, Clerk
RR1, Box C78
Corning, KS 66417
(785) 296-7855

Mr. John Carder, City Administrator
115 E. Smith
P.O. Box 100
Hesston, KS 67062
(620) 327-4412

Mr. Ned Gatewood
KSU Dept. of Facilities & Planning
109 Dykstra Hall
Manhattan, KS 66506
(785) 532-6377

Ms. Judy Swaggerty, Clerk
121 N. Nelson
P.O. Box 415
Bennington, KS 67422
(785) 488-3767

GREGORY E. FIEF, P.E., Project Engineer

EDUCATION:

Bachelor of Science in Civil Engineering, 1986
Kansas State University

LICENSURE:

Professional Engineer: Kansas and Iowa

PROFESSIONAL ASSOCIATIONS:

American Society of Civil Engineers
American Public Works Association

BACKGROUND:

Mr. Fief joined Schwab-Eaton in 1997 and has served as designer and project manager for municipal and commercial clients. Typical projects for him include roadway (urban and rural), water, wastewater and site development projects. Mr. Fief was part of the design team for the Colbert Hills/Grand Mere development in Manhattan. His responsibilities include roadway and storm sewer design, wastewater collection system studies and design and water system improvements. Prior to joining Schwab-Eaton, Mr. Fief had similar responsibilities at Shive-Hattery, Inc. in Iowa City, Iowa. He also served as City Engineer for two communities in east central Iowa. In this capacity, he assisted with the development of capital improvement programs, infrastructure planning, and public relations. Mr. Fief also was a design engineer at Wilson & Company in Wichita prior to his engagement at Shive-Hattery. In this position he was heavily involved in transportation facilities including urban and rural projects.

REPRESENTATIVE PROJECTS:

Denison Avenue Street Improvements (Manhattan, KS)
Tuttle Creek Access Road (Manhattan, KS)
Juniper Street Improvements (Wakefield, KS)
Sabetha Sanitary Sewer and Water Relocations (Sabetha, KS)
Levee Drive (Manhattan, KS)
Colbert Hills Golf Course (Manhattan, KS)
Grand Mere Development (Manhattan, KS)
KSU Grain Science Complex (Manhattan, KS)
Fairfield Inn (Manhattan, KS)
Candlewood Suites (Emporia, KS)
Seth Child Commons/Target Store (Manhattan, KS)
Windmill Run (St. George, KS)
Tuttle Creek Boulevard Water Transmission Main (Manhattan, KS)

BRADLEY J. FAGAN, P.E., Vice President, Principal

EDUCATION:

Bachelor of Science in Civil Engineering, 1984
Masters of Business Administration, 1993
Kansas State University

LICENSURE:

Professional Engineer: Kansas

PROFESSIONAL ASSOCIATIONS:

American Council of Engineering Companies - KS: Member 1993 - Present
Vice-President - Board of Directors 1999-2001

Kansas Society of Professional Engineers: Member 1994 - Present
Tri-Valley Chapter President 1996-2003

BACKGROUND:

Brad Fagan, Design Engineer and Vice President of Schwab-Eaton, P.A. joined the firm in 1984. Mr. Fagan has directed the Transportation and Structures Staff of Schwab-Eaton since 1997. Since the beginning of his employment at Schwab-Eaton, he has focused primarily on city, county and Kansas Department of Transportation road and bridge projects. These projects have primarily included road reconstruction, asphalt overlays, and bridge replacements. Design considerations for these projects have included public information meetings, environmental and historical concerns, utility coordination, construction phasing issues, right-of-way interests, drainage concerns and traffic studies. Mr. Fagan has also had considerable experience in the field performing and directing construction inspection duties. His experiences in working with various levels of governmental agencies, combined with field construction and office design experiences, along with educational backgrounds in engineering and business administration, provide for a well-rounded approach to each and every project.

REPRESENTATIVE PROJECTS:

KDOT – K-27-US-24 Business intersection in Goodland, KS and 6 miles of K-27 extending to the north of reconstruction and rehabilitation of the highway. Included realignment of the highway and lane additions and reconfiguration of the K-27-US-24 intersection.

Riley County –College Ave. from N. of Kimball Ave. to Marlatt Ave. - Reconstruction of 0.6 mi. of road in Riley County. The project included a concrete slab bridge, rural and urban roadway sections, concrete and asphalt surfacing and a section of transition from three-lanes to two-lanes.

City of Waterville – On K-9, from the west city limits to the east city limits. Included grading, curb and gutter, and concrete pavement for 916.441 km.

IAN REEKIE, P.E., Design Engineer

EDUCATION:

Bachelor of Science in Civil Engineering, 1997
Kansas State University

LICENSURE:

Professional Engineer: Kansas

BACKGROUND:

Mr. Reekie joined Schwab-Eaton in 2005. He has served as a Design Engineer on numerous transportation projects including highway and bridge construction projects, street expansion projects, and various municipal projects throughout his career. He has also performed stormwater analysis for several developments in the Manhattan area since joining Schwab-Eaton. Prior to joining Schwab-Eaton, Mr. Reekie worked for Finney & Turnipseed, Tr. & C.E., L.L.P. in Topeka, KS for eight years. There he designed road and bridge projects for the State of Kansas, the City of Topeka, and various counties. He also performed bi-annual bridge inspections for Butler, Shawnee, and Douglas counties. Mr. Reekie has experience in all phases of project development, from the initial topographic survey and design, through plan and contract document preparation, to performing construction inspection and addressing concerns of the public. His experience at all phases of a project gives Mr. Reekie a broad perspective when addressing design considerations.

REPRESENTATIVE PROJECTS:

City of Topeka – Porubsky Drive from Russ Ave. to Morse St. – Construction of new street to bypass railroad. Included grading, alignment, curb and gutter, concrete pavement and traffic control.

KDOT – 57-64K-6262-01 Widening of K-177 north of Council Grove for turn lanes into industrial park. Included grading, traffic control, asphalt pavement and striping for 0.6 mi.

KDOT – 67U-1983-01 Reconstruction of Plummer Street from Main St. to Hwy. 39 in Chanute, Kansas. Included grading, and surfacing for 0.48 mi.

City of Manhattan – Denison Ave. from Anderson Ave. to Kimball Ave. – Reconstruction of road including numerous intersections, pedestrian traffic considerations, curb and gutter, pavement patching and concrete pavement replacement. This project was the 2006 ACPA Award winner in the category of Municipal Streets & Intersections (>20,000 s.y.)

REPRESENTATIVE STREET PROJECTS

Manhattan, Kansas – Denison Avenue Street Improvements
Wakefield, Kansas – Juniper Street Improvements
KSU Grain Science Complex Site – Roadway and Parking Improvements
Wamego, Kansas – Maple, Locust and Oak Street Improvements
Bennington, Kansas – Northview Street Improvements
Florence, Kansas – Street and Drainage Improvements
Wamego, Kansas – 8th Street Improvements, Phase II
Manhattan, Kansas – Grand Mere Parkway/Colbert Hills Drive
Manhattan, Kansas – Levee Drive
Manhattan, Kansas – Eagles Landing, Unit 1, 2 & 3 Street Improvements
Manhattan, Kansas – Stone Valley Addition, Phase I Street Improvements
Manhattan, Kansas – Browning Project Street Improvements
Manhattan, Kansas – Pebblebrook Addition Street Improvements
Manhattan, Kansas – Bear Creek Addition Street Improvements
Manhattan, Kansas – KSU Research, Unit 1 Street Improvements
Manhattan, Kansas – Timber Creek II, Phase IV Street Improvements
Odgen, Kansas – Still’s Ranch Street Improvements
Manhattan, Kansas – Grand Mere, Units 1 & 2 Street Improvements
Manhattan, Kansas – Woodland Hills Addition, Unit 4 Street Improvements
Manhattan, Kansas – Candlewood Addition Street Improvements
Manhattan, Kansas – Northfield Addition, Unit 7 Street Improvements
Manhattan, Kansas – Hunter’s Crossing, Unit 3 Street Improvements
Manhattan, Kansas – Wydham Heights, Units 4 & 5 Street Improvements
Manhattan, Kansas – Forrest Creek Street Improvements
Manhattan, Kansas – Frey Addition Street Improvements
Manhattan, Kansas – Western Hills, Unit 10 Street Improvements
Manhattan, Kansas – Westbank Townhomes Street Improvements
Manhattan, Kansas – Miller Ranch Addition Street Improvements
Wamego, Kansas – Appleyard Road Improvements
Wamego, Kansas – Columbian Road Improvements
Manhattan, Kansas – McDowell Creek Road Improvements
Wamego, Kansas – Say Road Improvements
Manhattan, Kansas – Scenic Drive Improvements

Oak, Locust and Maple Streets

Wamego, Kansas

Owner:

City of Wamego
Attn: Mr. Bruce McCallum
428 Lincoln
PO Box 86
Wamego, KS 66547
Tel.: (785) 456-9119



Description:

Oak, Locust and Maple Streets are in established neighborhoods in the original townsite portion of Wamego. Pavements had served their useful life and needed to be reconstructed. The design challenge was to re-establish grades that would allow drainage since the topography is extremely gentle. Along with reconstructing the streets, intersections, sidewalks and driveway approaches were removed and replaced.



Concrete pavement was used on a crushed rock base with an alternate to include an additional block of street replacement. Minor utility relocations and adjustments were also made to accommodate construction and improve service.

Construction Cost:
\$370,000

Services Provided:
Civil Engineering

- Topographic Surveys
- Roadway Design
- Construction Documents
- Cost Estimates
- Construction Staking



8th Street Wamego, Kansas

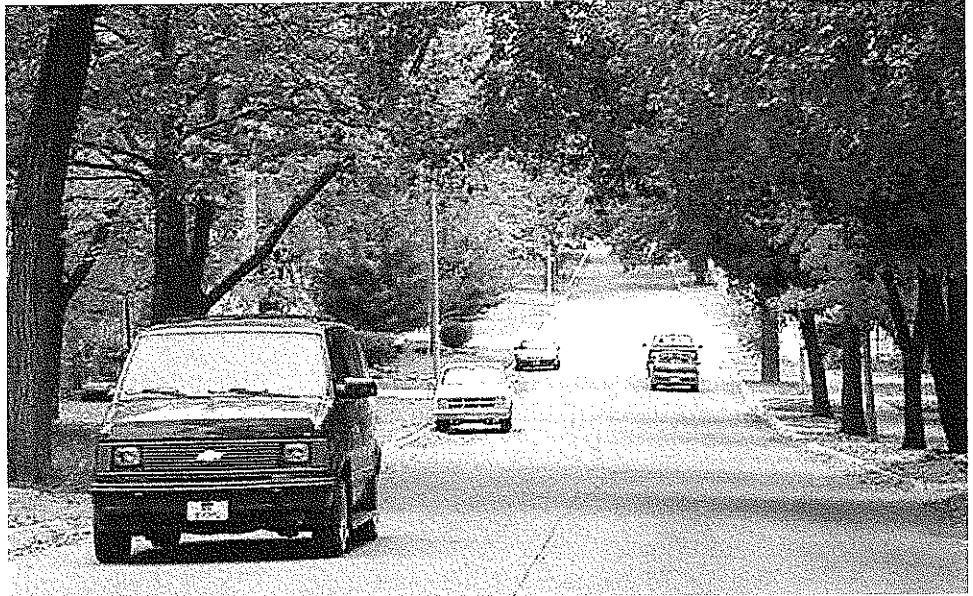
Owner:

City of Wamego
Attn: Mr. Bruce McCallum
428 Lincoln
PO Box 86
Wamego, KS 66547
Tel.: (785) 456-9119

Description:

Eighth Street in Wamego serves a significant amount of traffic along the northern part of the City. The High School is along the route as well as the Country Club.

Over decades of use, overlays had resulted in exaggerated cross slopes and the pavement had deteriorated beyond repair. This project involved reconstructing the roadway, intersections, storm sewers, sidewalks and driveway approaches.



Schwab-Eaton designed the improvements to blend into the surroundings. Utility considerations were also part of the project. The construction was split into two phases to allow for funding to occur over a two-year period.

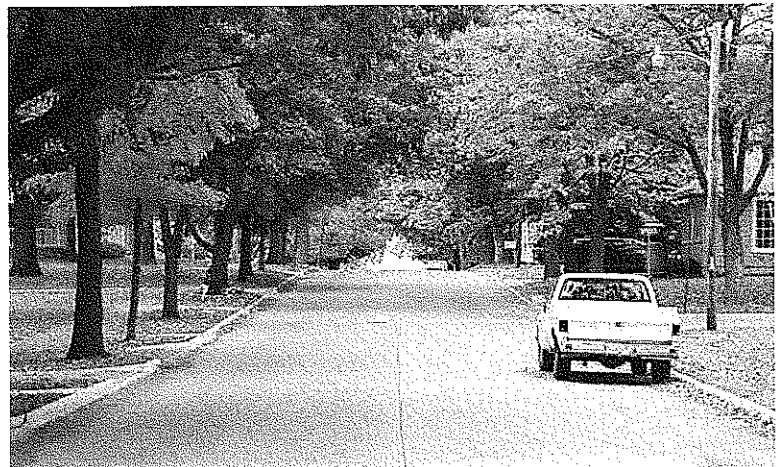
Construction Cost:

\$365,000

Services Provided:

Civil Engineering

- Topographic Surveys
- Roadway Design
- Construction Documents
- Cost Estimates



SCENIC DRIVE

Client: Riley County
Year Completed: 1991
Construction Cost: \$2,500,000

With escalating development on the west side of Manhattan, Riley County determined that a by-pass connecting Kimball Avenue to K-18 Highway was needed. This by-pass would reduce

traffic congestion on other major arterials in addition to providing a less restrictive route around Manhattan. Schwab-Eaton provided field surveys, design, plan preparation, specifications, right-of-way descriptions, and construction support services for this new 3-



mile roadway improvement project. Grading, drainage and surfacing plans were



prepared for a 2-lane, 24' bituminous surface roadway with 10' AS-1 shoulders including roadside ditching and various crossroad

drainage structures ranging in size from small crossroad pipes to a 45' -2 @ 60' - 45' Continuous RCHS Span Bridge. In order to meet the desired design speed of 50 mph, significant cuts and fills were required through the hilly terrain. In addition, guard fence was installed at various locations to enhance roadway safety.



ARCHITECT-ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (If any)

1

PART II - GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)

| | | | | |
|---|---------------------|------------------|--|-------------------------------|
| 2a. FIRM (OR BRANCH OFFICE) NAME Schwab-Eaton, P.A. | | | 3. YEAR ESTABLISHED 1957 | 4. DUNS NUMBER 05-544-8989 |
| 2b. STREET 1125 Garden Way | | | 5. OWNERSHIP | |
| 2c. CITY Manhattan | 2d. STATE Kansas | 2e. ZIP 66502 | a. TYPE Professional Association | |
| 6a. POINT OF CONTACT NAME AND TITLE Gregory E. Fief Project Manager | | | b. SMALL BUSINESS STATUS Yes | |
| 6b. TELEPHONE NUMBER 785-539-4687 | | | 6c. E-MAIL ADDRESS gfief@schwab-eaton.com | |
| 8a. FORMER FIRM NAME(S) (If any) | | | 8b. YR. ESTABLISHED | 8c. DUNS NUMBER |
| Schwab, Eaton & Associates (a partnership) | | | 1957 | |
| Schwab & Eaton, P.A. (a professional association) | | | 1966 | |
| Schwab-Eaton, Inc. | | | 1974 | |

9. EMPLOYEES BY DISCIPLINE

10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS

| a. Function Code | b. Discipline | c. No. of Employees | | a. Profile Code | b. Experience | c. Revenue Index number (see below) |
|------------------|-------------------------|---------------------|------------|-----------------|---|-------------------------------------|
| | | (1) FIRM | (2) BRANCH | | | |
| 02 | Administrative | 4 | | B02 | Bridges | 2 |
| 08 | CADD Technician | 4 | | A09 | Anti-Terrorism/Force Protection | 3 |
| 12 | Civil Engineer | 6 | | C16 | Construction Surveying | 3 |
| 15 | Construction Inspector | 6 | | C18 | Cost Estimating | 1 |
| 38 | Land Surveyor | 4 | | H07 | Highways; Streets; Parking Lots | 4 |
| 39 | Landscape Architect | 4 | | H12 | Hydraulics & Pneumatics | 1 |
| 60 | Transportation Engineer | 5 | | I06 | Irrigation; Drainage | 1 |
| | Design Technician | 2 | | L02 | Land Surveying | 3 |
| | Surveyors | 9 | | L03 | Landscape Architecture | 3 |
| | | | | P05 | Planning (Community, Regional, Area) | 3 |
| | | | | P07 | Planning (Site, Installation, Project) | 2 |
| | | | | R04 | Recreation Facilities (Parks, etc.) | 3 |
| | | | | S04 | Sewage Collection, Treatment, Disposal | 4 |
| | | | | S07 | Solid Wastes; Incineration; Landfill | 2 |
| | | | | S09 | Structural Design; Special Structures | 2 |
| | | | | S10 | Surveying, Platting, Mapping, Flood Pl. | 6 |
| | | | | S13 | Storm Water Handling & Facilities | 1 |
| | | | | T02 | Testing & Inspection Services | 4 |
| | | | | T03 | Traffic & Transportation Engineering | 1 |
| | | | | T04 | Topographic Surveying and Mapping | 3 |
| | Other Employees | 1 | | W02 | Water Resources; Hydrology | 1 |
| | Total | 45 | | W03 | Water Supply; Treatment/Distribution | 3 |

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS

(Insert revenue index number shown at right)

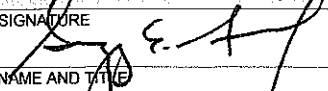
| | |
|---------------------|----------|
| a. Federal Work | 1 |
| b. Non-Federal Work | 6 |
| c. Total | 7 |

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

- | | |
|---|---|
| 1. Less than \$100,000 | 6. \$2 million to less than \$5 million |
| 2. \$100,000 to less than \$250,000 | 7. \$5 million to less than \$10 million |
| 3. \$250,000 to less than \$500,000 | 8. \$10 million to less than \$25 million |
| 4. \$500,000 to less than \$1 million | 9. \$25 million to less than \$50 million |
| 5. \$1 million to less than \$2 million | 10. \$50 million or greater |

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

| | |
|---|--------------------|
| a. SIGNATURE  | b. DATE 2/23/07 |
| c. NAME AND TITLE Gregory E. Fief, Project Manager | |