



STATEMENT OF QUALIFICATIONS

For

SYNERGISTIC ENVIRONMENTAL SYSTEMS, INC.

A Complete Environmental Services Company

10236 Highway 181 South
San Antonio, Texas
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SECTION 1: Overview

Introduction

Synergistic Environmental Systems, Inc. (SES) is a complete environmental services company that specializes in environmental maintenance and construction projects, industrial facility site management and remediation, and the management of hazardous and non-hazardous solid wastes for industry, governmental entities, and individuals throughout South Texas. SES transfers its planning, engineering, and management skills into customized and dedicated service on both large and small environmental projects for a variety of clients.

SES has been providing consulting and environmental management services to private sector and governmental entities since 1986, gradually expanding their service matrix throughout this period and incorporating as a Chapter C Corporation in 1996. Today, the company offers turnkey environmental services including sampling and analysis, material management, shipping and transportation, engineered systems, training, and marketing of environmental equipment, products, and supplies.

Mission Statement

SES has a strong commitment to client service. This service is always focused on meeting the needs of our clients, both collectively and individually. The four-fold mission of SES is to:

- Assist municipalities, companies, and individuals in making the world a better and safer place for all of God's creatures.
- Bring the best environmental technologies, equipment, supplies, and services to the marketplace with a sense of urgency and a superior standard of excellence.
- Facilitate a synergistic interaction of all entities that have the responsibility for preservation or enhancement of our ecological assets and resources.
- Provide a place of business that honors and dignifies all who come through its doors.

Location

SES currently operates from a single office and warehouse complex on the southeast side of San Antonio, Texas. Certain laboratory services, recycling services, equipment fabrication, warehousing, and engineering services are conducted at and from the facility located at 10236 Highway 181 South in San Antonio. SES is located just a few hundred feet away from Interstate Highway 37 and less than one mile from Loop 410 which circles the city of San Antonio. This convenient location allows SES to respond to the environmental needs of almost any client in the San Antonio area within 30 minutes.



This includes the major military bases like Kelly AFB, Brooks AFB, and Lackland AFB, all of which can be accessed within 15 minutes for environmental response activities.

Reputation

SES has established an outstanding reputation within the industry and has developed a mutually respectful working relationship with the regulatory community. SES's goal is to provide exceptional services resulting from the philosophies of Total Quality Management and Creative Problem Solving. The company stresses its ability to solve client environmental issues in a cost effective fashion using internal, subcontracted, and externally contracted resources. Through SES's use of their relationships with major environmental service companies, the firm is able to secure favorable pricing and offer clients competitive and first class environmental management services.

SES is what every client wants and needs: a responsive service organization which can contract, remove, transport, process, and recycle the client's waste materials in a manner which lowers liability and keeps costs at a reasonable range. A firm which can plan, manage, engineer, and design solutions to address any size environmental problem for a client before they get out of control; and a firm which takes their environmental solutions to both homes and industries. This capability to provide turnkey environmental services, including the required administrative support, along with focus on improving total quality management keeps SES aligned with the client's primary goals of providing their customers with the highest quality products and services with the best value in their marketplace, while maintaining an environmentally responsible organization.

Staff & Associates

The multidisciplinary approach developed by SES and used today to manage complex technical and environmental projects is a tribute to its powerful team resource of experienced leaders, who consistently produce innovative ideas throughout every facet of project development. This insight has enabled SES to have the ability to achieve technically sound and cost-effective solutions for a variety of problems, develop skilled managers, practice strong environmental ethics, and provide rigid quality assurance.

SES currently has several full- time employees, who are considered to be "direct service provider employees" as owners, senior managers, hazardous materials handlers and technical personnel. All of the technical, field management and supervisory personnel have many years experience in contracting and environmental remediation operations, with an average of over 10 years experience for the key personnel.

SES provides safety and on- the-job training for its personnel. All personnel involved in waste management operations are provided the required OSHA training in hazardous waste and emergency response. All personnel receive the annual update training mandated by OSHA. SES is very proud of its safety record over the past 14 years, because of the fact that it has never experienced a lost time accident. It is the desire of the company to make safety one of its primary concerns as they develop customized work plans for doing each of the jobs for which they have been contracted.

The SES team consists of the following individuals:

Gerard Alvin Sikkema – President and owner of Synergistic Environmental Systems, Inc.

As the founder and owner of SES, Mr. Sikkema has headed SES since 1986. He has a degree in Medical Technology with a Bachelor of Science from Calvin College in Grand Rapids Michigan. He has been active as an officer and director since its inception. Mr. Sikkema has over 20 years of diverse business experience in Industrial and Medical Sales, Marketing, Business Development, and Administration. Mr. Sikkema specializes in projects which are designed to provide customized assistance to clients which have special needs in the environmental area. These include: Environmental Site Assessments, Project Management for Waste Management jobs with large volumes and varieties of chemicals, Air Control Permits, Water and Soil Remediation jobs, Waste Treatment Systems Design, wastewater processing jobs, and specialized environmental construction such as Underground Storage Tank Removal, Secondary Containment Systems, and Fume and Dust Removal Systems. Mr. Sikkema also has extensive experience in Confined Space cleaning jobs. Prior to founding SES, Gerard was in Industrial and Medical sales with Curtin Matheson Scientific Inc.

Giles Baab – Synergistic Environmental Systems, Inc. – Environmental Service Technician and Inventory Control Specialist

Mr. Baab has a degree in Chemistry that he obtained from Texas A & M University in 1984. He received a Masters Degree in Environmental Studies in 1987 from the University of Texas in San Antonio. He has worked previously for El Dorado Chemical Co. and the San Antonio Water Systems (SAWS). “He has abundant experience in field sampling and analytical procedures, along with a great feel of the regulatory side of things because of his work with SAWS. He is also an excellent technical report writer and documentation expert. He also holds a Wastewater Treatment License and currently oversees project which involve oversight of wastewater treatment at small package plants.

Vince Quintanilla – Synergistic Environmental Systems, Inc. – Technician and Inventory Control Specialists –

Mr. Quintanilla is a retired military man who upon getting out of the service decided to go into the environmental service industry and after enrolling himself in college he trained at Palo Alto College as an Environmental Technician. He also holds several Certificates from this school covering various aspects of the Technicians job. He also has taken several specialized OSHA safety courses as well as the OSHA HazMat Course and the required refreshers. Vince currently operates a wastewater treatment system for SES on location at one of the areas largest suppliers of architectural grade metal roofing. In addition Mr. Quintanilla is high proficient in repairing failed equipment and general equipment QC and Maintenance. Mr. Quintanilla also is proficient in preparation, operation, and maintenance of our Onsite Virgin Carbon Turnkey Service System.

Roel Martinez – Synergistic Environmental Systems, Inc. – Technician

Mr. Martinez is an expert in and responsible for our container management division. Mr. Martinez has taken the OSHA HazMat Course and currently holds a Hazmat Certificate. Mr. Martinez also has many years of construction experience, and has provided services for concrete construction companies, plumbing companies, and general construction companies. Mr. Martinez assists SES and its Clients in site work where these proficiencies are needed. Mr. Martinez is also responsible for local delivery and pick up of products and equipment on an as

needed basis. Mr. Martinez also has extensive experience in Confined Space Container cleaning jobs.

Mr. Vincent Quintanilla Jr. – Synergistic Environmental Systems, Inc. – Technician

Mr. Quintanilla is an expert in managing SES site generated waste water and is vital in our container management division. He has taken the OSHA HazMat Course and currently holds a Hazmat Certificate. Mr. Quintanilla is proficient in phase separation technologies, sludge drying and stabilization, and Container Cleaning methods and residuals management protocols. Mr. Quintanilla also has extensive experience in Confined Space Container cleaning jobs.

Gabriel (Gabe) Morales- Synergistic Environmental Systems, Inc.– Technician

Mr. Morales is a versatile and experienced technician. He has obtained his welding certification at St. Philips College here in San Antonio and continues to increase his knowledge in the environmental field with SES on the job training programs. He is innovative in preparing equipment for onsite construction projects and can construct devices from metal and wood.

Alit Krohn – Synergistic Environmental Systems, Inc.- Intern

Miss Krohn is a senior at The University of Texas at Austin pursuing a bachelor's degree in Geosciences with a minor in Business. She has taken courses in Sustainability, Marketing, and Geology Field Methods. Alit is interested in the field of environmental consulting, and is planning on obtaining a masters degree in said field. She is observing, learning, and absorbing as much information and experience as possible to help further her future career.

Trina Kensinger - Synergistic Environmental Systems, Inc. – Office Manager

Ms. Kensinger is in charge of Administrative Services for SES. She has twenty plus years of office and computer experience, and is continuing her education at Palo Alto studying Education and Business. She is also in charge of file archiving and maintenance which is required of environmental service firms with environmental records. Trina has taken the OSHA HazMat Course and currently holds a Hazmat Certificate.

SES Associates - SES also works along side of a few select contractors and professional service providers who have proven their capabilities over the years. These include companies and persons specializing in certain ancillary fields which are closely related to our day- to-day operations. These support contractors usually specialize in certain areas which help SES be a full service company to its clients. These fields include: asbestos, facility services for HVAC, plumbing, and electrical work, underground and above ground storage tanks, air, fume, and dust systems, electronic calibration technicians and programmers, mechanical engineering, chemical engineering, and industrial hygiene.

SECTION 2: Services and Capabilities

SES is one of the few firms in the San Antonio area that can offer comprehensive environmental management, planning, design support, installation, training, and transportation services in a single one-source package. SES has categorized its operations into six divisions. The interrelationships between these divisions allow the company to offer turnkey services to a wide variety of clients. While the clients and competition can be distinctly different within each market segment, SES is in a unique position to serve the marketplace in every segment, and at the same time use what it has learned from one sector in each of the other sectors.

Technical Resources and Services Division

The in house laboratory services of SES presently include sampling, field analysis and screening, and some wet chemistry and simple bench scale testing in the laboratory. The laboratory building and furnishings at SES are new. Equipment and capabilities will be expanded to the extent market conditions dictate. Most SES laboratory services will be designed to help SES facilitate the application of new treatment technologies to the marketplace and to do in-house research and development. SES is fortunate to have several key staff members who have excellent technical backgrounds in fields pertinent to environmental health and safety.

- Sampling and Testing
- Material Characterization
- Registration of Waste Streams
- Field Sciences Support
- Flow Measurement Studies
- Flat Rate Sewer Studies
- Air Control Permitting
- Administrative Support – for Registrations, Permits
- Environmental Regulatory Compliance

Material Management and Services Division

As the flagship operation of the company, environmental services have been the mainstay from the beginning of the company's operation. This division provides services to the widest portion of the company's client base. SES is able to use the services provided by this division as a springboard into offering many other services and products offered by the other divisions to the same clients. These services include material handling services, cleaning services, and field construction services. The material handling area involves on site client services, hazardous / non-hazardous and solid waste management, and cleanup and remediation of contaminated sites. The cleaning service area is one that has both environmental and non-environmental applications. SES is unique in this service area because they can provide wastewater collection services followed by cleanup of the water for reuse or management as wastes.

- Material Handling Services including Segregation of Waste and /or Repackaging
- Cleaning Services including Container Cleaning
- Field Services and Construction
- Remediation and Clean up Services

Shipping and Transportation Services Division

This division is a small but important part of the company. SES transports non hazardous waste, and contracts for various pieces of specialized storage and transport equipment in addition to their own. This facilitates the ability to collect and transport wastes from client sites throughout South Texas to approved disposal sites. Most waste materials managed by SES never come to the Company's facility. However, the warehouse in San Antonio is registered as a transfer facility. When such wastes are brought to this facility, they remain at the facility for less than 10 days. Most wastes managed by SES are shipped on third party equipment. SES takes great pride in making sure the companies we use as transporters are properly licensed, insured, maintained, and permitted to handle our clients' wastes. It is also very important to maintain a positive image. Our trucks and the trucks used by our contractors are maintained in a clean and presentable condition at all times, or they are not allowed on site. SES can also supply good used clean and compatible containers for shipping

- Containerization, Labeling, Manifesting & Shipping
- Transportation

Designed Systems and Services Division

This group provides the management, planning, and engineering services that are frequently required, but which are outside the day- to-day capabilities of the clients' personnel. These service areas include industrial pollution control systems, facilities management, and on site sewer facilities. SES is capable of designing environmental and pollution control systems for many industrial, commercial, and residential applications. The company typically uses proven and cost effective technologies and equipment to solve both routine and unique problems being experienced by our clients. The knowledge of the available markets and equipment, the ability to design and size a system appropriately, and the ability to fabricate systems or components at our facility make SES one of the few environmental firms in San Antonio with such diverse capabilities. SES does not currently have a Professional Engineer on staff, but has a working relationship with engineers specializing in environmental services and who are proficient in the following areas:

- Industrial Pollution Control Systems
 - Containment Systems
 - Air Pollution Control Design, Installation and Permitting
 - Wastewater Treatment System Design and Installation
- Facilities Management – onsite services and Remediation
- Clean Break Certifications – Clean Closures for Liability reduction
- Hazardous Materials Facilities and Handling Equipment Design and Construction
- Storm water run off prevention and Storm Water Permits
- On Site Sewer Facilities (OSSF's)
- Remediation of Contaminated Areas

Wastewater Processing Services Division

SES offers wastewater-processing services to clients at either the client's location or at the SES processing facility in San Antonio. SES can accept Class II non hazardous waste water at our facility for reuse as is or processing.

Our current Processes include:

- Phase Separation
- Resin Bed Separation
- Activated Carbon Separation
- Neutralization
- Modified Clay Separation
- Ozonation
Processing by Electro
coagulation
- Filtration

Equipment, Products, and Supplies Division

This division today represents the most consistent daily operation of the company, and simultaneously represents one of the greatest growth opportunities. This division is involved in the management and recycling and sale of containers, personal protective equipment, environmental systems, and used industrial equipment.

- Containers – tanks, totes, drums, super sacks, and boxes
- Personal Protective Equipment/Supplies – gloves, goggles, and aprons
- Rental tanks – 500, 1000, 2000 gallon sizes
- Rental Activated Carbon Canisters – with turnkey exchange
- Wastewater Treatment Supplies
- Onsite System Operators
- Rental Lift Stations
- Solid Waste Management Supplies - absorbents, sludge stabilizers, oil absorbent , and sludge dryers
- Rental Modified Clay Processing Stations with turnkey exchange
- Rental Filter Press

SECTION 3: Current Projects

Current Project Detail List

Berridge Manufacturing

San Antonio, Texas

Mr. David Mueller

Daily Wastewater

Processing 2003 to Present

SES works on site daily to process production waters for discharge to the San Antonio Sewer.

Kaspar Wire Works

Mr. Harvey Neubauer

Shiner, Texas

SES is a Sales Rep Organization for Kaselco Electro coagulation Products

In addition SES supports Kaspar operations with assistance in Storm Water Monitoring, Semi annual Self Monitoring, Waste Management, and Air Control Permitting.

Jordan Plating and Jordan Propeller

Mr. Gary Jordan and Mr. Gilbert Perez

San Antonio, TX

SES supports Jordan Plating, and Jordan Propeller with assistance in Waste Management, Air Control Permitting, and Waste water Processing

San Antonio Aerospace

Mr. Brad Morton

San Antonio, TX

SES supports San Antonio Aerospace by supplying them with Containers for Shipment of Wastes, and the design and installation of a Customized Waste Water Processing System used in processing of wash water produced on site.

University Hospital

Mr. Art Dominguez

Plant Services

San Antonio, TX

SES assists the hospital in the management of wastes from plant services by providing consulting services, signage, waste tracking, recycling, and containers for day to day usage.

SECTION 4: Client Services

Historical Project Experiences

GKDA – EG&G

Wastewater Management and Technical Services – System Design and Installation

Condensate Recovery System – Kelly Air Force Compressor Station

Privatization EG&G – 143 Billy Mitchell, Bldg 43, Suite 6

San Antonio, TX 78226-1816

(210) 925-5548

Mr. Chuck Shaw

Summer and fall, 1999

Cumulative approx. \$ 125,000

Brief Description of Work: This job included the turnkey evaluation of need, system design, fabrication, and installation of a system to capture all oily condensates produced by this station, (up to 4000 gallons per day), clean the water and remove the oily components with the resultant oils to be captured for recycling and preparation of the water for 100 % reuse in the cooling tower makeup which provides cooling water to this compressor station. This system was innovative and has worked well since installation. This system was designed and built in house using local contractors for welding and concrete construction.

Gilliam & Associates Property Management Services

ESI Facility Cleanup

10205 Oasis Street, Suite 200

San Antonio, TX 78216-4031

(210) 979-7055

Mr. Robert Gilliam

November, 1997 - January, 1998

\$ 60,000

Brief Description of Work: This job included the management of over 200 unlabeled drums and several tanks of unknown chemical wastes generated by plating operations at the site. All materials were properly characterized, profiled, and shipped off site for disposal. Site was left clean and ready for reuse. All sumps were pumped, pressure washed, and clean closed. All chemicals, liquids, solids, and sludges were properly handled for disposal to approved facilities, transported with registered and insured transporters, and trailed using hazardous waste manifests. The site was thoroughly cleaned and made ready for reuse. All equipment was decontaminated.

Atascosa Mining Company

Environmental Remediation and Clean Closure

P.O. Box 850

Jourdanton, TX 78026

(830) 784-3411

Mr. Gary Guy
June 24, 1997 - June 30, 1997
\$ 61,181.00

Brief Description of Work: This project involved an 8 bay area formerly used for large mining equipment maintenance and repair. SES had to clean the floor areas (approx. 100'x200'), floor drains, parts washers, surface drive areas, and associated sumps. SES also cleaned floors and sumps of all visible staining and residue, remove all solid and liquid wastes from all holding units including handling materials in appropriate containers for proper disposal. Approximately 1000 gals/day of solid and liquid wastes were disposed of during a five-day period. All aspects of environmental clean up and closeout were completed before the hard closeout date associated with the facility transfer from the incumbent mining company to the new mining company.

Pratt & Whitney San Antonio, Inc.

Hazardous and Solid Waste Management Program Services

309 Avionic Circle, Suite 1, Building 310
Kelly AFB, TX 78026-1812
(210) 362-2920
Mr. J. Mark Wilkes
August, 1995 - 2000
Ongoing Services Contract – Approx. \$ 50,000/yr.

Brief Description of Work: Scope of project was to clean and remove debris and residues accumulated in each floor drain and sump. Scope of work also included construction and installation of concrete plugs for Building 310 at Kelly AFB. All labor, equipment, and materials were supplied by SES, including closure report. All floor drains were cleaned and closed per SA-ALC/EMC specifications on time and on budget. Discovery of mercury in one of the floor drains triggered an emergency mercury vapor audit and subsequent clean up and disposal of wastes. All efforts were coordinated with GKDC, EG&G, and Kelly AFB Bio Engineering for proper containerizing, labeling, packaging, and disposal of hazardous waste

City of Hondo, TX

Underground Storage Tank Cleanout

Hondo, Texas
August 30, 1992 – September 2, 1992
\$ 8,500.00

Brief Description of Work: Removed covers, degassed tank, pumped out liquids, pressure washed and collected wastewater, characterized, profiled, and manifested waste. Underground storage tank was cleaned out in 3 working days and put back in service. 2000 gallons of waste was properly disposed of off site to an approved facility.

Wilford Hall Medical Center

Clean Out API Separator

Lackland AFB, Texas
May 20, 1990 – May 22, 1990
\$ 6,800.00

Brief Description of Work: Cleaned out API separator tank, removed oil/water layer and sludge, characterized waste, obtained one time shipping number from TNRCC, profiled waste stream, provided transportation, manifests, and labels. Cleaned out separator with 3 men in 2 working days and disposed of 2000 gallons of waste.

Chromalloy Component Systems Inc.

Kelly Air Force Base Privatization

Building #324 – Kelly USA
San Antonio, Texas
December 1999 – 2008
50K per year

Brief Description of Work: Providing support services and equipment for day to day handling of Industrial Waste, and Processing Wastewater. This includes providing and maintaining Activated Carbon Systems for removal of organics from waste water, and other unique technologies for the processing of waste water such as ozone treatment for the removal of dye penetrants before onsite water reuse.

GKDA – EG&G – Boeing

Wastewater Management and Technical Services – System Design and Installation

Wash Rack Oil Water Separator System – Aircraft Wash Rack
Area EG&G – 143 Billy Mitchell, Bldg 43, Suite 6
San Antonio, TX 78226-1816
(210) 932-6702
Mr. Doug White
Summer and fall, 2001
Cumulative approx. \$ 35,000

Brief Description of Work: This job included the turnkey evaluation of need, system design, fabrication, and installation of a system to capture all oily wash residues produced by this station, (capable of processing up to 50 gallons per minute), clean the water and remove the oily components with the resultant oils to be captured for recycling and preparation of the water for 100 % discharge to the POTW. This system included a sump separator, a lift station, and an equilibration chamber. The system was innovative and has worked well since installation. This system was designed and built using local contractors for field installation and concrete construction. The System is maintained on a monthly basis by Synergistic Environmental Systems, Inc.

Services Offered

Although SES's business is concentrated among a variety of large firms, this is a function of a combination of the size of certain projects and satisfied customers providing repeat business. The company has expanded the base of clients it serves each year it has been in business. Based on its recycling technology, as well as existing orders and the changing mix of business, SES expects that it will continue to see more and more business from existing, as well as additional governmental and San Antonio based companies. Listed below are some of SES's largest clients.

Clients and Services Provided	Technical and Admin. Services	Material Handling	Transportation Shipping and	Engineered Services	Wastewater Processing	Equipment, Products and Supplies
Berridge Manufacturing	X	X	X	X	X	X
Bill Miller BBQ	X				X	X
Chromalloy Component Services	X	X	X		X	X
Circle Y Saddles	X	X	X	X		X
Jordan Plating and Propeller	X	X	X	X	X	X
Kaspar Wire Works	X	X	X	X		
L&M Steel	X					
San Antonio Aerospace		X		X		X
Southwest Signs	X	X	X			X
University Hospital	X	X	X		X	X
San Miguel Power						X
Standard Aero		X				

Reference Contact Information

Berridge Manufacturing
6515 Fratt Road
San Antonio, TX 78218
Contact: David Mueller
210-650-3050

Chromalloy Component Services
P.O. Box 240280
San Antonio, TX 78224
Contact: Mr. Roy Blize
210-331-2384

Jordan Propeller and Plating
103 E. Rhapsody
San Antonio, Texas 78216
210-344-3064
Mr. Gary Jordan

Kaspar Electroplating and Wire Works
P.O. Box 667
Shiner, Texas 77984
Contact: Mr. Douglas Kaspar or Mr. Harvey
Neubauer
361-594-3327

University Hospital
4502 Medical Drive
San Antonio, TX 78229
Contact: Art Dominguez
210-358-2434

The Nugget Company Inc.
139 Kemper
San Antonio, TX 78207
Contact: Doug Hurd
210-224-2361

SECTION 5: Permits, and Licenses

- EPA ID# TXD 988070074
- TNRCC Generator # 78144
- DOT Hazardous Materials Shipment Permit 091297851005F
- State of Texas Vendor ID # 1-7427677277000