



LLOYD, SMITHA & ASSOCIATES, LLC

Engineering • Construction Management • Solutions

14027 Memorial Dr. Suite #253, Houston, TX 77079

Statement of Qualifications 2017

Firm Overview

LSA is a construction management and engineering firm with a mission to **Lead** on every project, **Serve** our clients, and be **Accountable** in every facet of our business. Provide exceptional client service by going beyond what is realistically expected. It is about surprising, and often, delighting customers, turning them into enthusiastic referral sources and lifelong clients.

History

LSA was founded in 2014 by Mr. Edwin A. Lloyd and Mr. Carl Smitha, with a simple mission to deliver exceptional client-service resulting in long-term client relationships. Ed and Carl's unique and diverse background creates a unique blend of experience and expertise, which produced a dynamic partnership that has created a strategic advantage for clients in the engineering and construction management industries.

Strategic Advantage Partnership

Mr. Edwin A. Lloyd, P.E., CCM and Mr. Carl W. Smitha, P.E., CCM diverse experience and unique expertise produces a dynamic partnership that creates a strategic advantage for clients in the engineering and construction management industries. This partnership value equips clients with unique team assets that maximize successful proposal selection, project execution, and client satisfaction. Unique assets include a vast network of key stakeholders in design, construction, operations and maintenance developed for over 45 combined years. This partnership provides an intimate knowledge of culture, system, expectations, requirements and criteria. We have the proven drive, experience and enthusiasm to complete tasks above and beyond requirements.

Principals

Edwin A. Lloyd, P.E., CCM - President



Edwin A. Lloyd, P.E., CCM is a co-founder of LSA. Ed brings over 20 years of experience in project management, construction engineering management, quality assurance and supervision of technical personnel. After a very successful career at Kellogg, Brown and Root, Inc., Ed became president of MDA Engineers, LLC in 2008. In 2014, Ed decided to begin LSA. Ed has held project management positions for transportation clients to program management for municipalities and has delivered exceptional projects for clients such as the CONCAP Government Ops, United States Naval and Air Force Base, Guam, U.S.A, Coastal Water Authority, Metropolitan Transit Authority, City of Houston, Harris County Toll Road Authority, & San Jacinto River Authority.

Carl W. Smitha, P.E., CCM - Vice President



Carl W. Smitha, P.E., CCM is also a co-founder of LSA. Carl brings over 30 years of construction management, engineering and site development experience with a focus on proactive leadership to facilitate the successful development and timely completion of projects. His expertise includes project management, construction management, client representative services, expert witness, developer services, and floodplain administration. Carl's unique combination of experience as **City Engineer** and **Assistant Director of the Facilities Construction Section, City of Houston**, allows for the efficient development, construction, and successful completion of projects.



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Services

Construction Management - Program Management:

- Program Coordination
- Project Management
- Quality Control, Quality Assurance
- Inspection
- Field Engineering
- Constructability Review
- Schedule Analysis
- Progress Meetings
- Change Order, Pay Estimate, and Submittals
- Cost Estimates
- Claim Avoidance, Analysis, and Resolution



Design:

- Agency Coordination
- Technical Support
- Quality Control Coordination
- Field Engineering
- Constructability Review
- Schedule Analysis
- Progress Meetings
- Submittal Review
- Cost Estimates
- Standards and Specifications Development



Solutions:

- Client Representative Services
- Permitting Solution
- Dispute Resolution
- Expert Witness



Certifications

Texas Board of Professional Engineers (TBPE) – Registration Number F-15640

City of Houston - Certified Disadvantage & Minority Business Enterprise (DBE & MBE)

Metropolitan Transit Authority (METRO) – Certified Small Business Enterprise (SBE)

Texas Department of Transportation (TXDOT) – 11.1.1 Certification in Roadway Construction Management and Inspection

Texas Department of Transportation (TXDOT) – Administrative Qualification (FAR 31)

Texas Historically Underutilized Business (HUB)



LSA's Key Projects

Building Improvements for Water Facilities at 4200 Leeland Annex & NEWPP Administration Building – City of Houston, Texas

\$4,894,300.00 – Estimated Completion November 2017

Construction Management & Inspection

This project consists of over 19,000 SF of remodeling at two Drinking Water Operation's buildings. The 4200 Leeland Annex Building improvements consist of select demolition of existing interior office and maintenance facility for new personnel offices, HVAC, roofing, plumbing, security equipment, communication system and a water quality testing laboratory. The NEWPP Administration Building improvements consist of select demolition, interior renovations, canopy, sidewalk and 8,100 LF of stainless steel sample piping.

Neighborhood Sewer System Improvements – Sunset Blvd., University Blvd, and Westheimer St. – City of Houston, Texas

\$5,099,225.00 – Completed August 2016

Construction Management & Inspection

Capital improvements project on Westheimer, Sunset, and University Boulevard. The work, adjacent to the Galleria and Rice Village areas, includes the removal and replacement sanitary sewers, pavement replacement, waterline adjustments and the coordination of construction activities within a mixed use development comprised of high rise hotel, retail, office, and high density residential.

Luce Bayou Interbasin Transfer Project (LBITP), Canal Segments 1 through 5 – Gunda Corporation

\$239,000,000 Est. Project Total – LSA Project Scope Completed August 2016

Design Quality Control Services

Quality Control Coordinator to manage the design comment resolution process, confirm uniformity between five canal segment designers and provide constructability review for the Luce Bayou Canal Segments 1 through 5 with a total length of approximately 16 miles.

24-Inch Waterline along West Bellfort from Buffalo Speedway to Stella Link – City of Houston, Texas

\$2,541,379.01 – Completed June 2016

Construction Management & Inspection

The work on this project is a combination of large and small diameter waterline construction, public utility adjustments and pavement restoration along West Bellfort from Buffalo Speedway to Stella Link. The work includes new construction of waterline, valves, connections and appurtenances, tunneling operations, removal and replacement of existing concrete pavement, storm sewer, cathodic protection, and irrigation sleeves.

Fonden Road Reconstruction from US59 to Westpark Tollway – CobbFendley, Inc.

\$19,298,194.74 – LSA Project Scope Completed February 2016

Project Construction Inspection

Drainage and mobility improvements along Fondren between Westpark Toll Road and US 59. The work on this project includes the removal and replacement of the existing 6 lane boulevard that includes construction of 72,170 SY of reinforced concrete paving, 7,772 LF of storm sewer drainage system, wastewater system, potable water system, installation of concrete pavers, traffic signalization, street lighting, tree protection, hardscape, brick wall, and traffic communications conduits.



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Southeast Water Purification Plant (SEWPP) Treatment Module 1 Improvements – CYMI, Inc.

\$14,318,147.00 – LSA Project Scope Completed June 2015

Construction Project Management Liaisons

The project consists of rehabilitation and improvements of Sedimentation Basins A & B, flocculators, transfer, backwash high service pumps and motors at Treatment Module 1; construction of new parts building and new thickened sludge pump station. The scope also includes replacement of sludge pumps, modification of sludge piping, replacement of filter valves, pipe coating and various improvements across the plant.

Eastside Drainage Project – City of Bunker Hill Village, Texas

\$1,700,150.25 - Completed November 2015

Construction Management, Client Representative Services, and Construction Inspection/Quality Control

The Eastside Drainage Project includes storm sewer improvements along the major drainage line (W146) on the City's eastside and approximately 46,600 CF of underground storm water detention within the street right of way. The project work also required traffic control, storm water pollution prevention, tree protection, removal, pruning and other related appurtenant work.

Hardy Yards Phase 1 Improvements – Jones and Carter, Inc.

\$1,986,000.00 - Completed November 2015

Professional Services, Construction Management Services

Hardy Yards is an approximately 50-acre former Union Pacific Rail Yard site adjacent to Houston's Central Business District located just two blocks north of I-10. A land plan has been established to redevelop the historic rail yard into a mixed-use urban, residential district with a pedestrian plaza and open/green space. The current development plan calls for an Intermodal Transit Facility; 3,000 residential units; 120,000 square feet of retail; and 500,000 square feet office space. Phase 1 of the redevelopment includes new storm sewer facilities, curb gutter, sidewalks, traffic signals, signs and striping, retaining walls, headwalls, drilled shafts, utility relocations and site work. This project also includes re-construction of existing roadways, including lime stabilized subgrade, concrete pavement, and Hot Mix Asphalt Concrete (HMAC) base and surface courses.



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Select LSA Principal's Project Summary

Client	Project Name	Construction Costs	Completion Date	Function
COH	Renovation of the 4200 Leeland Annex & Improvements at the NEWPP Building	\$4,894,300.00	Ongoing	Construction Management and Inspection
COH	24-Inch Waterline along West Bellfort from Buffalo Speedway to Stella Link	\$2,541,379.01	8/29/2016	Construction Management and Inspection
Gunda Corporation	Luce Bayou Interbasin Transfer Project	\$239,000,000e	8/1/2016	Design Quality Control and Constructability
COH	Neighborhood Sewer System Improvements – Sunset Blvd., University Blvd, & Westheimer St.	\$5,099,225.00	6/29/2016	Construction Management and Inspection
City of Bunker Hill Village	Wastewater Rehabilitation Project	\$310,300.00	Ongoing	CM/Client Representative
CobbFendley, Inc.	Fondren Road Reconstruction from US59 to Westpark Tollway	\$19,298,194.74	2/1/2016	Project Construction Inspection
CYMI	SEWPP Treatment Module 1 Improvements	\$14,318,147.00	6/30/15	CM/Client Representative
City of Bunker Hill Village	East Side Drainage Project	\$1,700,150.25	11/10/15	Construction Management and Inspection
Jones & Carter, Inc.	Hardy Yards Phase 1 Improvements	\$11,986,000.00	11/31/15	CM/Client Representative
COH PWE	METRO Solutions Phase 2 Light Rail Program	\$1,300,000,000.00	3/4/2014	COH/Metro Transit Coordinator
City of Bunker Hill Village	Strey Lane Drainage Improvement Project	\$6,057,632.00	7/10/2013	Construction Management and Inspection
City of Bunker Hill Village	Blalock Road West Ditch Maintenance Project	\$206,676.00	9/7/2013	Construction Management and Inspection
COH PWE	Sims Bayou North WWTP Improvements	\$9,776,088.00	6/11/2011	Construction Program Manager
COH PWE	Southeast Water Purification Plant 80 MGD Expansion Project	\$168,276,100.00	6/4/2011	Construction Program Manager
COH PWE	Water Main Replacement Sunnyside	\$1,186,590.25	5/31/2011	Construction Project Manager
COH PWE	Water Main Replacement East Haven/Park Place	\$1,364,741.70	5/31/2011	Construction Project Manager
COH PWE	Drainage Improvements at Grade Separations, Pkg III	\$3,050,000.00	10/14/2010	Construction Program Manager
COH PWE	Condition Assessment of Large Diameter Water Lines	\$4,182,778.00	9/18/2010	Construction Program Manager
COH PWE	72-inch Water Line Along Fuqua from east of Beamer to Stover	\$5,966,411.00	8/28/2010	Construction Program Manager
COH PWE	Panagard and Bissonnet #1 Lift Station Renewal & Replacement	\$2,777,850.00	8/19/2010	Construction Program Manager
COH PWE	Chocolate Bayou WWTP Improvements	\$4,724,055.00	8/13/2010	Construction Program Manager
COH PWE	69th St. WWTP Improvements (Package 2)	\$8,717,230.00	3/31/2010	Construction Program Manager
COH PWE	42-inch water line along Tidewater, South Post Oak, W. Orem, Croquet	\$8,920,488.00	3/18/2010	Construction Program Manager
COH PWE	6,200 LF of 42-inch water line along Allum, Player and Tidwell	\$4,285,135.00	11/9/2009	Construction Program Manager
COH PWE	East Water Purification Plant Expansion and Plant Improvements, 10594-4 (To 350 MGD)	\$22,777,000.00	6/24/2009	Construction Program Manager