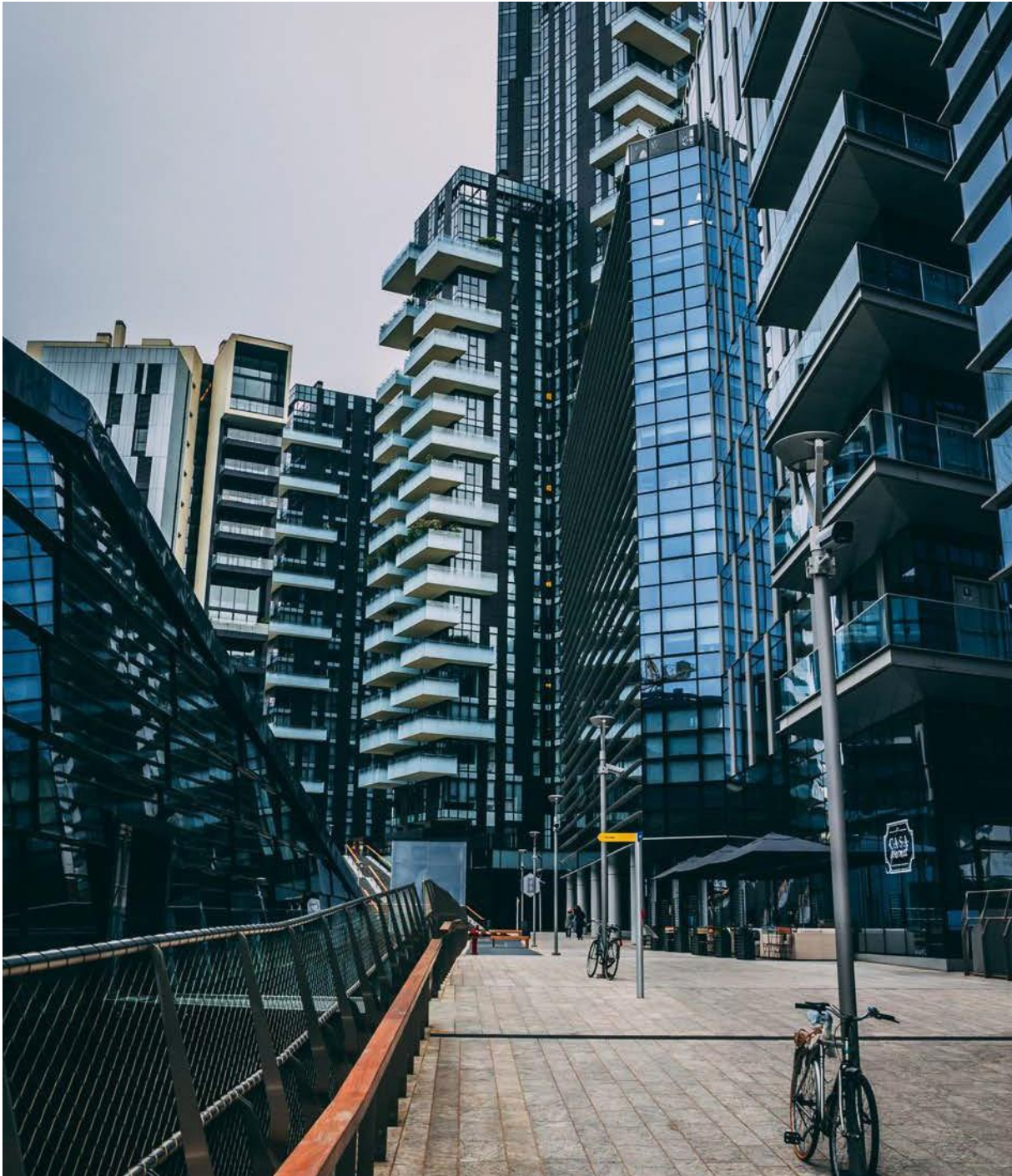


# S.L. KING TECHNOLOGIES, INC.

## Qualifications



# COMPANY OVERVIEW

Founded in 2009, S.L. King Technologies, Inc. (SLKT) has been recognized as a premier provider of professional public and private organization consulting services. We are a certified Disadvantage Business Enterprise (DBE) and Women Business Enterprise (WBE) in many States, and we take pride in our reputation for delivering high quality technical consulting services on time and within budget. We believe in truly adding value to our clients and contributing our technical expertise to allow our clients to consistently exceed their customer's expectations.

Our professional consulting firm has built a legacy of clients in both private and public sectors resulting in a significant amount of repeat business (90%) from our many satisfied customers. This has allowed S.L. King Technologies to expand its professional staff adding experienced professionals with even greater technical expertise. We now provide a wide range of professional consulting services to assist private and public organizations. We offer a wide array of transit technical subject experts with hands-on experience to improve our clients operations through increased efficiency and organizational proficiency using quantitative metrics to achieve organizational excellence.

S.L. King Technologies, Inc. is also leading in the emergence of newer technologies such as zero emission transportation technologies, Enterprise Asset Management systems, Program Management Oversight (PMO), quality assurance and inspection, training, and maintenance efficiencies. We remain actively involved with public transit support service and have expanded our professional consulting staff with senior consultants from transit agencies, manufacturers, and suppliers with an average of over twenty years of actual hands-on experience in transit industry operations. Our consulting staff not only has the experience to quickly analyze both organizational and project problems, but also provide sound mitigation strategies and technical support personnel to enact active strategic solutions. S.L. King Technologies, Inc. welcomes and embraces new technical challenges and opportunities to staff and support our customers short term or long range strategies. Our professional consultants and project managers include subject matter experts and support personnel who serve as planners, designers, vehicle and system inspectors, technicians, trainers for clients such as the Metropolitan Area Rapid Transit Authority (MARTA), Metropolitan Transportation Authority (MTA) and New Jersey Department of Transportation.

S.L. King Technologies, Inc. has also addressed emerging industry needs for Enterprise Asset Management developers and managers and are currently working with the Southern Company to develop and facilitate an asset management program for their assets. S.L. King Technologies, inc. has also expanded into the Zero Emission Vehicles support market providing installation support, commissioning, warranty administration and after sales service of level 3 charger maintenance.

At S.L. King Technologies, Inc. we stress the importance of customer care, client commitment and great service delivery. Thus, we continuously strive to maintain fundamental business values that ensure quality service, consistent performance, and client responsiveness in everything we do. We exist solely for the purpose of adding value to your operating and capital projects and programs by offering engineering, planning, and management services that are reliable, beneficial, and critically sensitive to your objectives.

# MARTA SOUTH YARD RECOMMISSIONING

ATLANTA | GEORGIA



The Metro Atlanta Rapid Transit Authority (MARTA) tasked S.L. King Technologies, Inc. through a subcontract with WSP Global, to evaluate and assess MARTA's South Yard Maintenance Facility and develop an operating plan to return the facility to a state of good repair sufficient to test and commission new and overhauled rail vehicles. This included identification of necessary equipment and facility repairs necessary to recommission the facility.

## Scope of Services

S.L. King was tasked by MARTA to inspect, review and assess its South Yard maintenance facility and surrounding rail yard to determine what repairs and modifications would be required to recommission the facility and yards to a State of Good Repair sufficient to perform warranty work and commission both overhauled rail vehicles and new rail vehicles to be delivered in the future.

S.L. King Technologies, Inc. inspected the facility and surrounding maintenance area to establish both the current condition of the facility and also identify and quantify what equipment and facility upgrades would be required to accomplish the anticipated repair and warranty work. S.L. King Technologies, Inc. inspected the facility and surrounding tracks for missing or damaged equipment. A material list was developed for missing equipment and necessary quantities of all equipment required to restart commissioning and testing of rail vehicles was provided to MARTA for action. S.L. King Technologies, Inc. was then tasked to develop procedures to transport new and overhauled vehicles within the MARTA system and transportation between contractors manufacturing facilities and MARTA. Included were several quality and safety procedures for operation of the facility, once commissioned.

## Reference:

Collie Greenwood, MARTA

Phone:(404) 848-3408

Email: cgreenwood@itsmarta.com

# NEW JERSEY TRANSIT OPERATIONAL ANALYSIS

TRENTON, NEW JERSEY



S.L. King Technologies, Inc. subcontracted to North Highland Company, LLC to provide technical and financial support for the New Jersey Department of Transportation analysis of the capabilities of New Jersey Transit in the management of operations and capital programs.

## Scope of Services

S.L. King was assigned several tasks for the review of existing capital programs with a focus on funding sources and allocation of responsibility, operating budgets, staff organization and selection process. Also included were review of cross-harbor agreements with AMTRAK, Port Authority Transit Hudson, Southeastern Pennsylvania Transit Authority, New York Bus and PATCO. The analysis also focused on the identification of additional funding sources and New Jersey Transits' use of all available State and Federal funding sources. S.L. King Technologies, Inc. was also asked to review each contributing organization and provide a summary of the effectiveness and efficiency of each function.

S.L. King Technologies, Inc. report was then consolidated into the final report submitted to the New Jersey Department of Transportation along with recommendations and suggestions for actionable modification of New Jersey Transit's operations and capital programs approach to funding and organization management.

## Reference:

Chris McCarthy  
VP North Highland Company, LLC  
Phone:(202) 256-4795  
Email: [chris.mccarthy@northhighland.com](mailto:chris.mccarthy@northhighland.com)

# MARTA SYSTEMS ENGINEERING SERVICES CONSULTANTS

ATLANTA | GEORGIA

S.L. King Technologies, Inc. (SLKT) under a sub-contract for WSP was sub-contracted to provide on-demand technical services to the Metropolitan Atlanta Rapid Transit Authority in support specific operational tasks related to rail vehicle operational and capital program projects.

## Scope of Services

SLKT provided program management oversight for the overhaul of the MARTA CQ311 vehicles by Kinkisharyo USA. The scope of this support involved specification development and review of proposals from responsible contractors and comments related to compliance with the requirements of the RFP.

Review of contractor proposals included the review of the contractors Safety and Quality Assurance Plans, Review of manufacturing procedures and review of warranty and commissioning plans for MARTA's South Yard Maintenance Facility.

## Reference:

Collie Greenwood, MARTA

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Email: cgreenwood@itsmarta.com



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# MARTA COMMUNICATIONS AND SYSTEMS ENGINEERING

ATLANTA | GEORGIA

S.L. King Technologies, Inc. was subcontracted by WSP Global to provide seconded technical personnel to assist MARTA in development and documentation of MARTA's new Integrated Operations Center (IOC) and maintenance of the Security and Emergency Management center communications system.

## Scope of Services

SLK was tasked with providing design technical support in defining specific communications equipment and develop specifications to procure and efficiently operate the visual interface of equipment. This included installation of remote monitoring of systems and system services relating to Integration of the APCC UPS subsystems into current TCSU and MARTA enterprise environments. This also included operational and technical support for TCSU video wall systems and subsystems.



## Reference:

Collie Greenwood, MARTA

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# MARTA ASSET ASSESSMENT PROGRAM

ATLANTA | GEORGIA

S.L. King Technologies, Inc., under a subcontract with WSP Global, provided technical resources to assess and assign a State of Good Repair value on all FTA funded equipment at MARTA stations and maintenance facilities in compliance with FTA MAP21 assessment criteria.

## Scope of Services

S.L. King Technologies, Inc. was assigned responsibility for physical assessment of all MARTA Federally funded assets including mechanical equipment, electrical assets, electrical equipment and wiring. This included fire monitoring equipment, HVAC and emergency communications equipment. S.L. King was also responsible for review and assessment of the civil condition of the station and maintenance facilities including structures, walkways, signage, and parking garages. Condition of assessments were accumulated, and a formal report was provided to WSP for completion of the asset assessment report to MARTA. MARTA subsequently received FTA compliance certification.

Based upon the successful completion of the station and facility assessment, S.L. King Technologies, Inc. was tasked with an emergency assessment of all Traction Power Substation (TPSS) equipment for operational and safety issues. This assessment resulted in identification of several critical safety issues which were promptly addressed by MARTA.

## Reference:

Collie Greenwood, MARTA

Phone:(404) 848-3408

Email: [cgreenwood@itsmarta.com](mailto:cgreenwood@itsmarta.com)



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# RAIL VEHICLE CONSULTING SERVICES

ATLANTA | GEORGIA

S.L. King Technologies, Inc., under a subcontract with Hatch/LTK Engineering has provided both technical services and seconded personnel to support MARTA operations and capital programs for over 12 years.

## Scope of Services

S.L. King has provided its technical personnel to support MARTA's capital program management, vehicle commissioning and maintenance of vehicles through MARTA's LCARE program.

During this period, S.L. King Technologies, Inc. has provided oversight in the acquisition of new and remanufactured rail vehicles. Specific tasks included specification development and evaluation, contractor qualification evaluation, and project management.

SLKT also provided commissioning service and warranty administration for the refurbishment of the MARTA CQ311 rail vehicles. These vehicles were refurbished by KinkiSharyo.

SLKT participated by providing a cost benefit analysis of remanufactured vehicles versus the cost of acquisition of new rail vehicles prior to the overhaul and upgrading of the CQ310 fleet. Based upon this analysis, a strategic decision was made to re-manufacture the existing fleet. SLKT then provided technical assistance throughout the actual overhaul of the vehicle. Additional services included commissioning of the overhauled vehicles, warranty oversight and warranty administration.

Reference:  
Collie Greenwood

MARTA  
Phone:(404) 848-3408  
Email: [cgreenwood@itsmarta.com](mailto:cgreenwood@itsmarta.com)



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# SIDNEY SPARKS

## SENIOR TRANSIT ASSOCIATE



### Executive Summary

Mr. Sparks has over thirty-five years' experience as a transit manager and senior executive in the transit industry. His experience extends from project management, project oversight, manufacturing of vehicles and analysis of business operations. He has had responsibility for rail and bus maintenance facilities and rail vehicle development. He has led quality assurance and material support functions. He has structured and reorganized both organizations and failed transit projects to regain and maintain initial strategic objectives.

### Education

MBA - General Electric Company  
Financial Management Program

BBA Accounting and Finance - Georgia  
State University

Post Graduate Studies, Law and  
Finance, SUNY Albany

### Professional Affiliations

- American Public Transportation Association (APTA) - Basics of Vehicle Overhaul Projects.
- Problematic Issues Encountered in Vehicle Overhauls



### Relevant Transit Experience

#### S.L. King Technologies, Inc., Atlanta, GA

Senior Transit Associate 2016 - Present

Mr. Sparks has led the transit segment of the company and participated in expanding the company's footprint in the transit industry. His financial experience and comprehensive manufacturing, maintenance and operations experience supported a New Jersey Department of Transportation assignment assessing the operational viability of New Jersey Transit operations and Capital Projects. He has led project teams in State of Good Repair assessments of all MARTA stations and maintenance facilities in compliance with MAP21 Guidelines. He also manages all seconded consultants.

#### Virginkar and Associates, Inc. Fullerton, CA

Senior Transit Consultant 2011 - 2016

Mr. Sparks was responsible for transit projects and development of new transit projects. During this period, he provided guidance to several transit agencies on fleet overhauls and condition assessments and capabilities strategies for existing and new maintenance facilities.

#### Southern California Regional Rail Authority (Metrolink), Los Angeles, CA

Rail Vehicle Capital Program Administrator 2009 - 2011

Responsible for resolution of problematic engineering issues and placement of new bi-level fleet into revenue service.

#### Siemens Transportation Systems, Sacramento, CA

Director of Programs and Director of Manufacturing 2002 - 2005

Responsible for program management of Light Rail Programs and then led manufacture of prototype S70 light rail vehicle for Houston.

#### Safetran Systems, Inc. Louisville, KY

Senior Program Manager 1999 - 2002

Responsible for re-signaling the Staten Island Railroad and recovery and re-signaling of the No. 1-9 NYCT rail line under the World Trade Center during reconstruction of World Trade Center.

#### Lea+Elliott, Inc. Chantilly, VA

New York City Manager & MTA Independent Engineering  
Consultant 1995 - 1999

Responsible to MTA Board for Program Management Oversight of all MTA agency vehicle and signal programs

#### Morrison Knudsen, Inc. Hornell, NY

Program Manager, Facility Manager, Manufacturing Manager,  
Contract Administrator 1987 - 1995

#### General Electric Company, Schenectady, NY

Division Financial Analyst & Manager 1974 - 1987