

Education

August 1984 -South Dakota State University, Brookings, South Dakota

May 1987- Bachelor of Science in Electrical Engineering.

January 1985 - Present, Board of Professional Engineers (Michigan, Georgia, North Carolina, New Jersey, South Carolina, Illinois, Alabama, Texas & Florida) **Professional Engineers' License.**

April 2004 – Present, Association of Energy Engineers, Atlanta, Georgia **Certified Power Quality Professional.**

February 2008 – Present, US Army Corps of Engineers **Construction Quality Management for Contractors**

Relevant Professional Development Courses

Jan 2008 -OSHA – 10-hour **Construction Safety Class.** Certificate awarded.

April 2005 - Association of Energy Engineers – Fundamentals of power quality. Certificate awarded.

2000 -2007Illumination Engineering Society - Aviation lighting committee conference discussions with peers on different day to day issues related to airfield lighting systems. Certificate awarded.

June 2000 - Airfield Lighting Maintenance seminar: Hands on method of maintaining airfield lighting systems. Certificate awarded.

June 1998 - Crouse-Hinds Airport lighting system seminar: attended and participated in multiple sessions geared at improving methods of designing, installing and maintaining airfield lighting systems. Certificate awarded.

PRESIDENT

CHIEF EXECUTIVE OFFICER

Mr. Yuh, the President, is responsible for the day to day operations of the corporation; he has administrative oversight of three corporate divisions (Facilities, Engineering and Construction).

Principal in charge of staffing and production in the engineering division. Responsible to coordinate quality control activities within the Engineering Division with the Corporate Quality Control Officer. Hands-on review of all projects in the corporation. Responsible for forecasting division budget, staff assignment needs as well as preparing proposal to respond to request for Proposals as needed.

Mr. Yuh also acts as **Construction Quality Control Director** for various projects designed under his responsible charge.

During his tenure at KEY, Mr. Yuh has been Project Manager and **Construction Quality Control Manager** for such projects as: Firestation 24 demolition and reconstruction at H-JAIA (\$6M) 360days contract during which KEY was a Joint venture partner General Contractor for the project. Old Mercury Air Cargo Demolition at H-JAIA (\$357k) 90 days contract; DOA Concessions office remodel 06 at H-JAIA (\$450k) 90 days contract.

Mr. Yuh is the **Project Manager** for the Rehabilitation of at 1.8Km Runway at Escravos in Nigeria. Project construction cost is estimated at \$5M.

Mr. Yuh is the **Project Manager and Lead Design Engineer** for the modifications to the South Airfield Lighting Vault associated with the extension to the **Taxiway SC-SJ at H-JAIA**; the roadway lighting for the new **Maynard-Holbrook Jackson International Terminal at H-JAIA** as well as the current upgrades to the TSA devices at H-JAIA.

Mr. Yuh was the **Project Manager and Facilities Manager** for the maintenance contract of two sanitary lift stations associated with the new runway 10-28 at H-JAIA(\$300k) 2 years contract.

Mr. Yuh was the **Project Manager/Construction Manager** for the recently completed Old Mercury Air Cargo Demolition project at H-JAIA, as well as for the DOA Concessions Office Remodel 06 at H-JAIA.

Mr. Yuh was the **Design Manager** for the MEP for This is It BBQ restaurant located on Camp Creek Market Place in East Point, GA.

Prior to co-founding KEY Engineering Group, Inc. Mr. Yuh Worked in various capacities with other consulting companies. He served as **Project Manager** for various major projects as highlighted under Note Worthy Projects while at Hartsfield-Jackson Atlanta international Airport.

As Lead Electrical Design Engineer of a joint venture operation at Hartsfield Atlanta International Airport; he designed the reconstruction of



a 9000ft Runway which was rebuilt in a record 33days, he designed the upgrade to several Taxiway (centerline lights, edge lights and signage as required) as well as the upgrade of the electrical and the security systems at various facilities within Hartsfield-Jackson Atlanta International Airport, see below.

As a Senior Electrical Facilities Engineer responsible to the Director of Engineering at H-JAIA for making system's review and recommendation to the airport authorities on how to best limit their risk for downtime. Responsible for the development of regularly scheduled maintenance and computerized monitoring of the electrical and security system on a continuous basis; responsible for the generation and up-keep of as-built drawings, responsible for all miscellaneous electrical systems upgrades and studies as listed below.

HARTSFIELD ATLANTA INTERNATIONAL AIRPORT, Atlanta, Georgia

Design and construction supervision of the lighting improvement to the west curb of the Ground transportation area completed in 2004; Design and construction supervision of the reconstruction of the existing 9,000' x 150' Runway 9R-27L completed in October 1999, 2days ahead of the 35days schedule. This was a 24hrs 7days a week project that broke a world record for the fastest reconstruction of a 9000' runway; A new concrete pavement was laid along with all new conduits and lighting system. The Scan system was updated as well as the SMGCS route;

Design and construction supervision of the new Taxiway "R" & "N12" Extension that serve the 9,000' x 150' Runway 9R-27L completed in September of 1999 This project was completed in conjunction of the above runway; it served as a temporary runway during the rebuilt of the runway and was converted back to a taxiway after the completion of eth new runway;

Design and construction supervision of the rehabilitation of the existing Taxiway "A" & "B" that serve the 9,000' x 150' Runway 8L-26R construction completed in April 1999;

Design and construction supervision of the second phase of the dispatch center which consist of the addition of over 200 CCTV cameras to an existing monitoring system, upgraded the monitoring capability for digital recording of all CCTV cameras at HAIA;

Design of the electrical systems requirements related to the Site prep work associated with Runway 5 construction, including all 2 deep drainage pump station one triplex and a duplex, both with standby diesel generator;

Design and construction supervision of the upgrades to the illumination levels at both the south and north parking structures and well as all the new closed circuit TV security systems, and a customer/emergency service call box system to same parking decks;

Design and construction supervision of the upgrades to the maintenance facilities Buildings 1, 2 and 3, and of the new police k-9 facility;
Design and construction supervision of the extension and improvements to the Firehouse #40 Design



DETROIT METROPOLITAN AIRPORT, Romulus, Michigan

Key member (CADD coordinator and design engineer) of a team that provided a schematic design for the upgrade of the existing facilities at the Metro-Detroit Airport with the design of an estimated \$1.2 billion expansion covering 4 million sq. ft. of airport terminal and facilities and two new runways. Proposed electrical service to redundant double-ended feed at 250 MVA and 13.2 kV.

MIDDLE TENNESSEE STATE UNIVERSITY, Murfreesborough, Tennessee

Re-designed the existing Overhead Electrical distribution system on the campus for conversion to all underground system. The campus is spread over 600 acres and has well over 30 residential classrooms and office buildings, with a student population of 15,000. Project budget of \$1.5 million.

