



Leader Communications Incorporated

LCI

LIST OF SERVICES

LCI offers a full range of ATCALS installation and maintenance services. Our goal is to become your one-stop source for all of your ATCALS work. Our services include:

- ATCALS Relocations
- Cable Audits
- Cable Management
- Console Upgrades
- Drawing Packages
- Equipment Installation
- Parts Replacement and Repair
- Preventive Maintenance
- Program Management
- Quality Assurance
- Rack/Panel Pre-fabrication Ability
- RF Cable Testing and Sweeps
- Site Surveys
- Technical Analysis
- Warehouse Space
- Wiring/Cable Engineering and Inspection
- Wiring Installations

LCI complies with the cabling requirements identified in the ANSI and Telecommunications Industry Association (TIA) ANSI/TIA 568-C Standard, and we observe all safety requirements identified in Occupational Safety and Health Administration (OSHA) 29 CFR 1910 and 1926.

AIR TRAFFIC CONTROL AND LANDING SYSTEMS (ATCALS) INSTALLATION

LCI is an award-winning ISO 9001:2015, 27001:2013, & 20000-1:2011, CMMI Level 3 Rated, certified Service-Disabled, Veteran-Owned Small Business (SDVOSB), committed to providing the highest level of professional services at reasonable prices. It is our mission to provide each customer with the best quality telecommunication infrastructure, information technology, engineering support, and management services.

Our Strengths

- High quality installation
- Convenience and ease of doing business
- Customized installation (exact fit for customer needs)
- Engineering plans, blueprints, floorplans, etc.
- Meet or beat scheduled deadlines
- Installation meets or exceeds NEC, EIA/TIA or Government standards
- Skilled installers and state-of-the-art equipment
- Always cleanup after work, keeping the job site clean

LCI provides a variety of ATCALS and telecommunications services, including installation and relocation of Radar Approach Control (RAPCON) systems; Air Traffic Control Tower (ATCT) systems; and repair, alignment, and restoration of communications systems. LCI also has extensive experience in the inspection, design, and installation of grounding, bonding, and shielding IAW Air Force and FAA standards for communications electronic systems, subsystems, and facilities.

We have successfully completed many installations of ATCALS and related equipment. The following is a partial list of the equipment that we have installed. We note that each installation has unique features and challenges. LCI has the skills and experience to understand each new requirement, obtain the needed equipment, and perform the installation expertly and successfully:

- Airfield Automation System (AFAS)
- AN/GPN-20 and AN/GPN-30
- Charles Industries Channel Bank FO Transport System
- Digital Audio Legal Recording (DALR); Digital Voice Recording System (DVRS)
- Digital Airfield Surveillance Radar – Operational Maintenance Terminal and Site Interface Unit
- Enhanced Terminal Voice Switches (ETVS)
- Flight Data Input Output (FDIO) – Monitor, Printer, Keyboard
- General Dynamics CM-350 Ground to Air Radio
- Instrument Landing System (ILS), Tactical Air Navigation (TACAN) and VHF Omni Directional Radio Range (VOR)
- Standard Terminal Automation Replacement System (STARS)





Field Engineering Solutions

LCI offers qualified engineering staff to develop engineering solutions throughout the US and overseas. We will ensure that the equipment and requirements for your job are reflected in the planning documents. Our engineers have a thorough knowledge of BICSI, American National Standards Institute (ANSI), EIA/TIA, NEC, and US Government standards. Let us develop engineering solutions that fit your organizational needs. Further, LCI will document recommended solutions and alternatives in our field engineering analysis, including:

- Verification of power
- Grounding and lightning protection
- Fiber, data, & voice transmission and terminations requirements
- All required equipment and materials for installation

Site Surveys

LCI performs comprehensive site surveys, using predefined checklists tailored to the site and the scope of work required, and we deliver descriptive reports with detailed information on costs and effort required. Our survey activities and reports include clearly defined and documented power designs including assignments for equipment frames/ cabinets; detailed floor plans; site specific information for provisioning circuits; interlay cabling details necessary for network connectivity; list of materials; fire stop and plenum cabling system verification; racking and stacking requirements; and performance results of in-process and post installation tests. After completion of the site survey, we will create a detailed Engineering Package that will include a total solution to meet or surpass all of your needs.

Detailed Engineering Packages

LCI provides detailed Engineering Packages that include:

- Cable management plan
- Cable routing drawings
- Cost estimates
- Drawings
- Engineering and design
- Installation Plan/Notes
- List of materials
- Permitting
- Proposal/Schedule
- Rack profile drawings
- Site-specific scope of work
- Testing plan

LCI can provide a wide range of support services to implement the detailed engineering plan, including project management; scheduling of equipment shipments to sites; technical direction; prioritization of tasks; coordination of assignments with Government agencies, other contractors, developers; and other external functions that are needed for project success.

For more information on LCI ATCALs Services, contact:

David Jones

Infrastructure Manager

David.Jones@lcbest.com or

ATCALs@lcbest.com

Leader Communications, Inc.

6421 S. Air Depot Blvd., Ste A

Oklahoma City, OK 73135

Phone: 405.622.2200

Fax: 405.622.2208

**A total solution
for your
ATCALs
installation and
maintenance needs is
only a phone call away.**

(405) 622-2200



www.lcbest.com
Best Product, Best People, Best Price™

