

# **INTRODUCTION**

Enterprise Engineering LLC is a leading provider of out-sourced services to the Telecommunications industry. Located in the Northeast corridor, we are headquartered in Fort Lee, NJ just outside of New York City. Enterprise Engineering Services (EES) is dedicated to providing Turn-key Engineering support including the finest in Radio Frequency (RF) Engineering, Network Design, IT services, and Project Management to the wireless and wireline industry.

Since its inception in 2003, the company has provided a wide range of services to wireless service providers, equipment vendors / manufacturers, municipalities and emergency services throughout the United States and abroad.

Our mission is to provide innovative solutions that will exceed our client's expectations and maximize their return on investment (ROI).

Our staff consists of highly skilled and self-motivated professionals in the field of Engineering and Management. Our Engineering staff with its proven years of experience in the Telecom and IT industry has provided support to many of our clients in the Design, Implementation and Optimization of their wireless and broadcasting networks.

Our telecom group specializes in wireless and wireline network design including but not limited to:

- RF Design and Network Planning
- Infrastructure and Network Buildout Services
- System Optimization and Maintenance
- Site Acquisition and Construction Services
- Zoning and Regulatory Services

WE OFFER INNOVATIVE AND ECONOMICAL DESIGN SERVICES, MAINTAINING STATE-OF-THE-ART DESIGN TECHNOLOGY.



### RF ENGINEERING AND NETWORK SERVICES

Our Engineering staff is comprised of experienced professionals in the following wireless technologies: GSM / GPRS / EDGE / UMTS, 3G, CDMA IS95, 3G-1XEVDO, OFDM, 4G, LTE, Wi-Fi and WIMAX and many more. Our engineers will design and optimize your network using the most innovative and of course, proven techniques. Our full range of services includes:

# DEVELOPING VISIBILITY TO GENERATE NEW BUSINESS LEADS.

### **Network Design**

Baseline RF design for new sites (Macro, Micro and Pico cells, Overlays); Frequency and PN planning; Spectrum Management; Link budget analysis; Traffic analysis and reporting



# Network Implementation

Defining Search Area/Ring; Site Survey, candidate Evaluation and Analysis; CW testing; Antenna selection; Microwave point to point study; F&E and construction Walk; Site compliance analysis; Site Parameter setting; Antenna sweeps; Site Turn-up Analysis; Providing expert testimony at municipal zoning hearings; EMF Compliance.



# RF ENGINEERING AND NETWORK SERVICES



### **Site Optimization**

Perform parameter optimization; Post turn-up drives; Site modifications; Identify and mitigate internal and external interferences; Address capacity issues and carrier adds/removals; Site expansions and modifications; Antenna swapouts and coverage containment.

### **Network Initiatives & Special projects**

Special event planning and deployment; Emergency deployment and contingency solution: COW (Cell on Wheel) deployment; Microwave link and Backhaul solution; CW testing; Competitive Benchmarking; Network surveying and reporting; Data post-processing and analysis; In-building deployment; DAS (Distributed Antenna System) deployment. EME testing and reporting; Propagation model Evaluation and analysis. In-building systems implementation, performance monitoring and optimization.





# SITE ACQUISITION & CONSTRUCTION SERVICES



# PROVIDE PROFESSIONAL QUALITY SERVICES ON TIME AND ON BUDGET.

Through its highly trained and experienced staff, EES provides site acquisition services to wireless service providers and to network infrastructure builders.

In addition, through our highly experienced and recognized partners we provide construction services and management to all wireless carriers. EES provides a full range of construction and site acquisition services including but not limited to:

### Construction

- Site survey and preparation
- Foundation planning and construction
- Tower erection and assembly
- Material procurement

- Electrical wiring
- Shelter construction
- Antenna install and Cabling
- Grounding, isolation and sweeps

### **Site Acquisition**

- Site searching and canvassing
- Lease negotiations and amendment
- Environmental studies
- Balloon test and photo simulation
- Zoning analysis and representation
- Legal review and federal filling
- Construction feasibility and analysis
- Site close-out packages

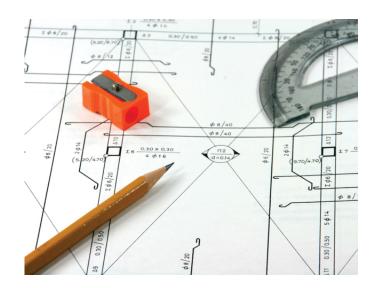




# PROJECT MANAGEMENT & SPECIAL SERVICES

# LEVERAGING FROM A SINGLE POOL OF EXPERTISE INTO MULTIPLE REVENUE GENERATION OPPORTUNITIES.





Through its highly qualified and motivated staff, EES provides, project management services to its clients as well as supporting them in formulating sound business strategies. Our project managers assure that all project goals are met while budgets, quality of services and timelines aren't compromised. Services include but are not limited to:

- Budget allocation
- Staffing
- Technology strategy
- Vendor management
- Program management
- Procurement
- Quality Assurance
- Scope management



# **CONTACT**

# EXCELLENCE IN FULFILLING THE PROMISE...COMPLETELY CONFIDENTIAL, RELIABLE, WITH TRUSTWORTHY EXPERTISE AND INFORMATION



Enterprise Engineering LLC PO Box 655 Lodi, NJ. 07644

201-723-2782 (tel) 201-584-0252 (fax)

info@eeswireless.com

www.eeswireless.com

WE ARE THE SOLUTIONS EXPERTS!

