

## SERVICE DETAILS



We are and trusted in providing outside planting, civil works for all the physical cabling and supporting infrastructure including conduit and poles for telecom networks.

We are also into the business of providing managed services to ensure the reliability of operation of the telecom networks from the control room, to the quality RF signal.

We hold the capacity to provide our reputable service of telecom equipment installation including installation and integration for telecom hardware or software for instance for base station, the Microwave, power equipment and the BSC as well as the maintenance of such thereof.

## SERVICES

- a) **Site Acquisition and planning** – Infinite Computers are experienced in acquiring sites in city, urban and rural environments and have expertise in statutory and planning approvals, including all NEMA requirements (i.e. E.I.A), Town authority physical planning requirement and any other statutory undertaking.
- b) **Site Design** - Analysis of site survey information and ensuring that site construction drawings are in line with work delivered.
- c) **Civil Engineering and Site Construction** - Infinite Computers having originally been created to bridge the gap between the telecommunications and construction industry has strong a civil engineering expertise in the design and implementation of cell site layout, site foundation, soil analysis for tower structures, fencing erection /install of Towers for GSM turnkey projects, maintenance and provision of supply chain solution for GSM sites. We have also been responsible for the civil construction of major RF masts and master switching centers for the leading GSM networks in East Africa. We have participated in turnkey project for numerous clients where we have yielded a great turn of experience both in implementation and project handling. We partnered with Huawei to deliver over 20KM of fiber for MTN within Kampala and Wakiso district.
- d) **Project Management and Provision** - Throughout all the project life cycle we have management; we have used project managers with cross functional experience in cellular site construction, this has formed the cornerstone of our effective cell site construction deliveries ensuring that all site components are deployed on time and with conformance to what is required.

- e) **Community Liaison** - We have extensive experience in liaising with local communities, where site constructions are ongoing and ensuring that community expectations and needs are effectively managed in order to ensure smooth delivery of site build out project.
- f) **Supply Chain Management & Logistics** - Infinite Computers over its years of multiple cell site construction has developed processes to deliver end-to-end in country supply chain logistics from ware house to construction/ installation site, that ensure the correct allocation of components to site in order to guarantee client delivery timescales.
- g) **Tower Erection** - Infinite Computers provides tower erection and RF rigging services, using its localized teams in order to ensure rapid response time in the deployment labor during site build.
- h) **Power and Electrical** - At Infinite Computers we understand the importance of sites having uninterrupted 24X7 power supply and have extensive experience in ensuring that once the clients power requirements are defined, that both main and backup power supply are delivered. We have capabilities for the provisioning of lightening protection and earthing services.
- i) **BSS** - Our qualified technical staff and subcontractors carry out Network design, Project Management, Installation, Commissioning, Integration, Optimization and maintenance of all major suppliers' Base Stations, Base Station Controllers and Transcoders. Antenna optimization forms part of the Integration, Swapping and Optimization process, all in the shortest lead/work time possible.
- j) **Transmission:** Fully resourced and trained teams of Engineers Install and Commission all major suppliers' Radio and Optical transmission equipment, providing documented frequency and tributary management records as part of the acceptance procedures. Transmission planning, including compression, timeslot grooming and cross connection for expanding networks is offered as part of a full range of transmission services.
- k) **Maintenance:** As part of our effort to ensure reliability we offer maintenance based on our philosophy of "Design for Support, Design the Support & Support the Design", this is evidenced by our reputable Logistic Support & Resources (Maintenance, Spare Parts, Training, etc.) to help tone down an operators' largest expense over the useful life of their networks.

## HOW WE DO IT

- We offer optimized full turnkey rollout and maintenance solutions, ensuring high standards by a process of continuous improvement and in incidences where we are handling it on a partial contract we ensure fully support to the other party to ensure successful completion of the project.
- Our strategy is to ensure that high quality, cost-competitive services are provided from the best possible mix of onshore and offshore locations. This enables our clients to respond quickly to changing market dynamics.
- Our loyal and motivated staff and supplier /subcontractor base operate according to internationally accepted industry practices in every field we operate in, ensuring the delivery of safe and functional solutions that are fit for purpose.
- Though we are based in Uganda, we have successfully taken advantage of our liaison offices throughout East Africa, southern Sudan and parts of West Africa to undertake projects in those areas and thus we are capable of providing turnkey services beyond the boarder.

- Our highly trained resources deliver solutions at every phase of the life cycle of a cellular site construction rollout; and this has kept us as one of the major BTS equipment vendors - Within Ten years of our telecommunication infrastructure business,
- We have developed a vast network of local and international suppliers and competences providing us with the strength and means to become a total life cycle telecommunication infrastructure service provider – From, RF Planning, Technical Upgrades, Site Acquisition, Project front end loading, Infrastructure Construction, Equipment Integration, implementation and management of data communications network for radio transmission networks, the installation, configuration and maintenance of Ericsson HC and traffic node radio, Infrastructure Maintenance and end of life dismantling.
- Therefore, we intend to leverage on this experience and competency to provide a world class service with the spirit.