



## Network Designer

**Function type:** Freelance - Vast

**Location:** Brussel

**Duration:**

**Reference:** 202008148

### Description:

#### Required Responsibilities

Main goal is to realize the study and the design of the Fiber-To-The-Home Network

This study is done based on the inventory databases of the existing network, in combination with other available information (street survey information, ongoing projects, ongoing synergy projects, Osiris, protected buildings) A part of this study is done by use of automatic design scripts (Comsof Plug-In on QGIS). The designer will challenge the results, make corrections and add additional information.

The result of this study is a plan (high level or detailed) describing the solution and takes into account; network optimisation, limiting network complexity, lowering investment and operating costs, and the ease of network construction.

A part of this design work will be performed by external partners. In that case the designer will be responsible to assure coaching of these partners and to control the respect of the design rules and the delivered design & data quality.

For some parts of the network, the designer will also translate the study into clear execution files (detailed design) and assure that as-built documentation is available and uploaded towards the inventory databases.

### Requirements:

#### Degree & Experience

- Bachelor or Master degree (IT, Surveying, geography or similar)
- Experience in the telecom world
- Previous experience in road works and/or utility works is beneficial

#### Technical skills

- Good knowledge of QGis or similar, AutoCad
- Good knowledge of MS Office
- Experience in the telecom world
- Good special awareness, easily recognizing patrons
- Ability to approach a technical issue with an analytical mind

#### Attitudes/Behavior

- Able to work independently and organize and prioritize your work
- Analytical insight
- Fluent and professional communication skills
- Flexible and stress resistant
- Able to stay positive and constructive under difficult circumstances

**Start:** 2020-08-31 22:00:00