*In order for us to help you with an Optigo Connect design, please answer the following questions to the best of your ability.*

1. **What type of building is it (e.g. high-rise, data center, shopping mall, campus, etc.)?**

High-rise

1. **Please provide a general description of the site (# of buildings, risers, floors).**

High-rise with 30 floors.

One tower, with two future towers.

1. **Are there any space capacity requirements?**

No

1. **Is this a brand new building or a retrofit?**

New

1. **Is there any existing cabling? If yes, please describe.**

No existing cabling. Fiber backbone is preferred.

1. **How many locations will require switches (if known)?**

3–4 controllers on every floor.

1. **What kind of uptime requirements do you have?** 99% 99.9% 99.99%

Unknown.

* 1. **If unknown, are there redundancy requirements?**

No.

1. **Where will the switches be mounted? Are there any environmental factors (e.g. temperature requirements, mounting considerations)?**

There will be a panel on each floor with the building automation devices.

1. **Is there a control room?**

Yes.

1. **How many devices will be connected to the network? Do you know the number of ports needed at different locations? It is helpful to provide the types of devices that will be connected to the switches.**

3–4 controllers on every floor.

1. **Is PoE required? If so, at which locations?**

No PoE required.

1. **Are there potential future expansions that should be kept in mind during this design?**

Yes, two new towers being added in the future.

*Please provide any diagrams, architecture drawings, maps, site photos and other similar information if available.*