BOOT (ROUND 1) APPLICATION TEMPLATE – WIRED INFRASTRUCTURE

If you include wired infrastructure as part of your proposed project plan, you are required to fill out this form. The asterisk denotes a required field for this form.

*APPLICANT NAME (DBA): _____

*PROJECT NAME:_____

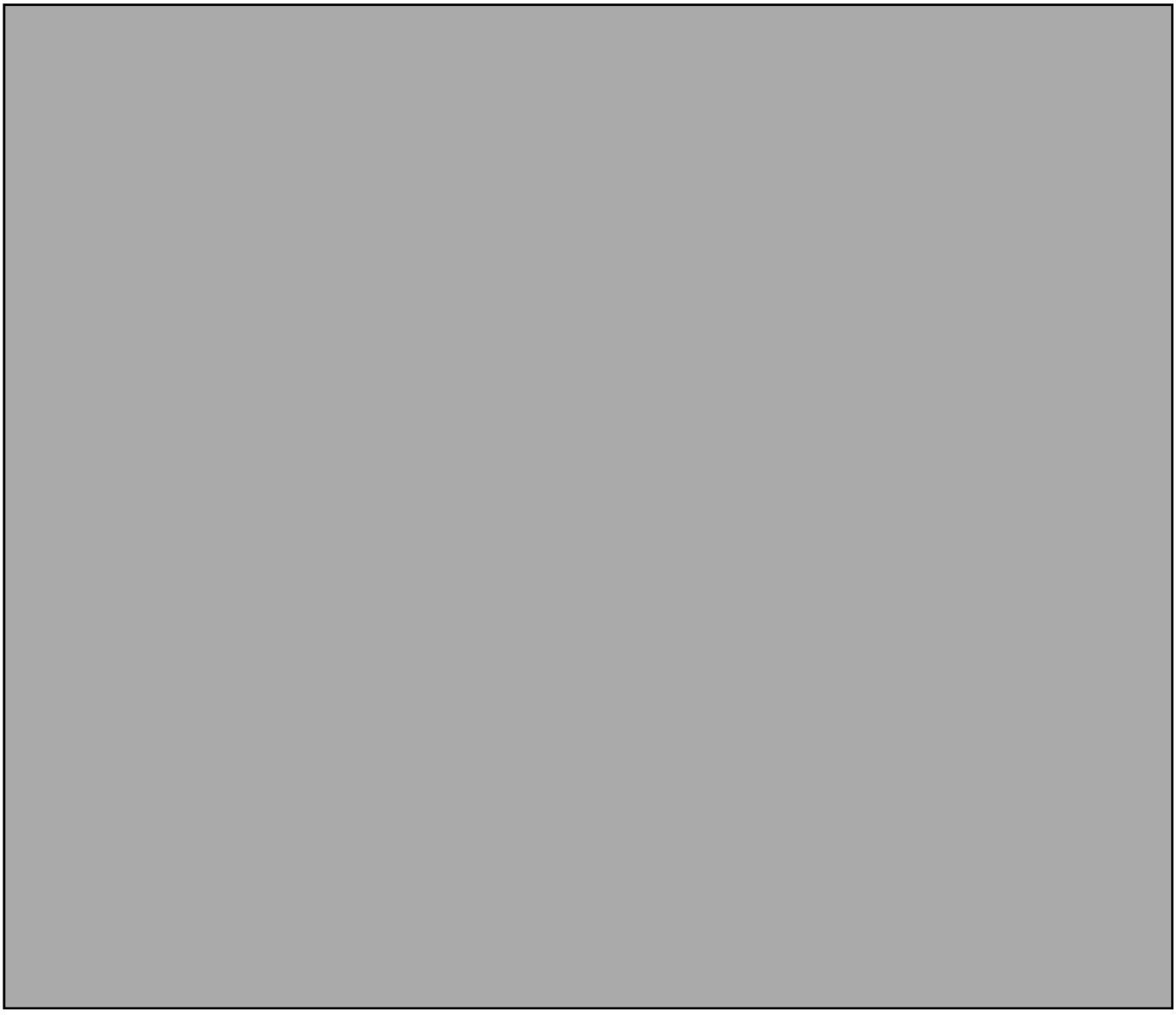
*DATE (MM/DD/YYYY): _____

1) **Description of design and deployment, including backhaul plan (Narrative 2250-character limit);**
    a) Describe the wired infrastructure used (copper, fiber, coaxial cable, etc.)
    b) Describe technology used (DOCSIS, GPON, DSL etc.)

2) E**xplanation of existing networks and equipment to be used (Narrative 2250-character limit);**
    a) What is the connectivity to the Internet for the proposed network (speed, number of ISPs connected to etc.)?
    b) What is the monthly cost of this connection?
    c) Are other middle mile networks being leveraged to complete the build out? If so,
        i) Are these networks in place today?
        ii) What are the monthly costs?
        iii) Is this an IRU, a lease or a service?
        iv) What is the duration of the agreement?

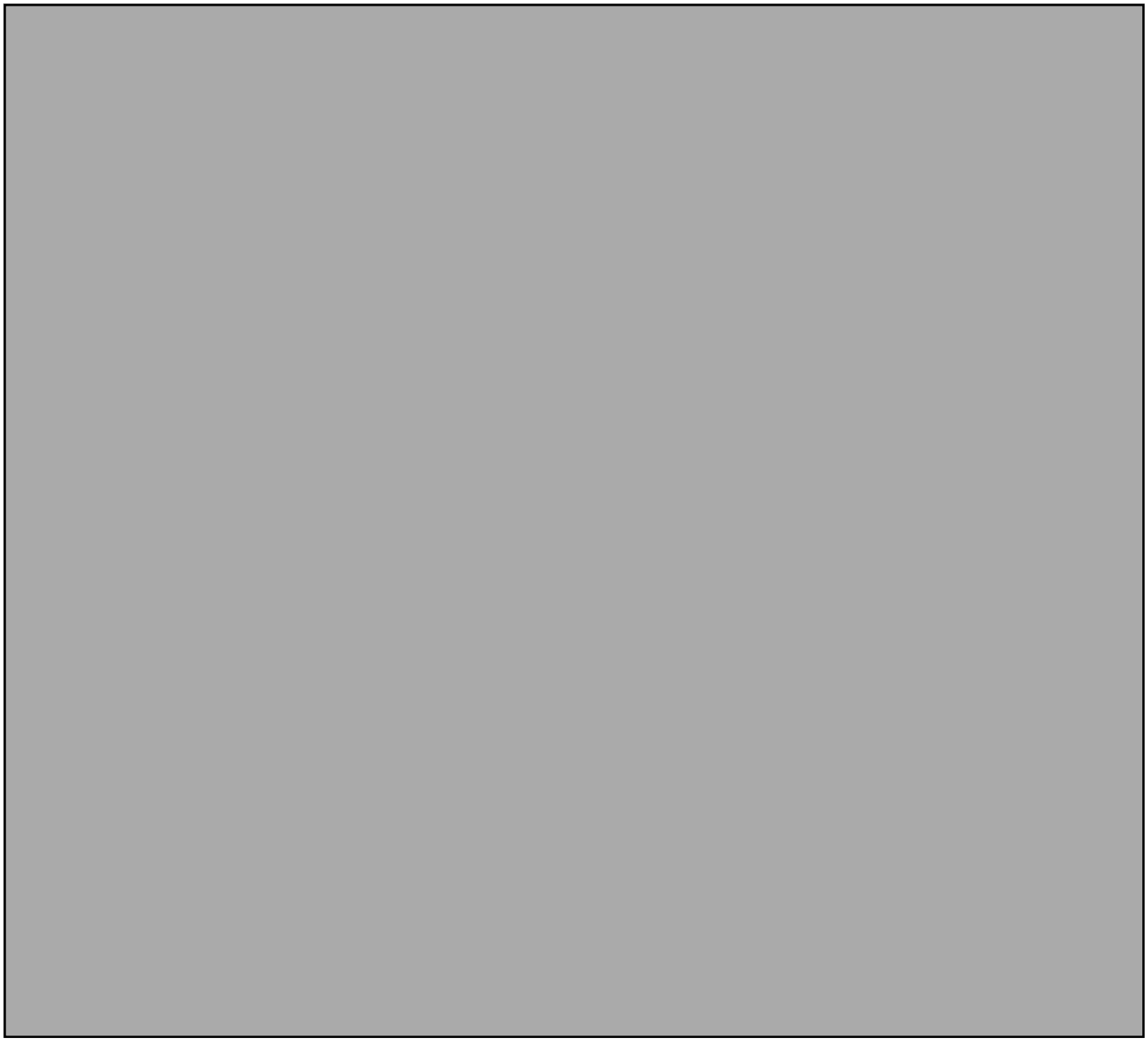
3) **Description of how assets owned by another entity will be used, if applicable (Narrative 2250-character limit);**
    a) What assets owned by others will be leveraged in the construction of the proposed network?
    b) If co-location, describe who owns the facility, the amount of space required for each site, the monthly cost and lease duration.
    c) If middle mile fiber, specify fiber strand length, who owns the fiber, is it leased or an IRU, length of the agreement and monthly cost of the agreement.
    d) If network electronics, who owns the assets, length of lease and monthly cost of lease.
    e) Specify who manages the equipment

4) **Total number of miles of infrastructure deployment, including number of miles accounted for by existing infrastructure (Narrative 900-character limit);**
    a) Total strand-miles of backbone new fiber installed (Buried vs. Aerial)
    b) Total strand-miles of backbone existing fiber leased (Buried vs. Aerial)
    c) Total strand-miles of backbone new twisted pair installed (Buried vs. Aerial)
    d) Total strand-miles of backbone existing twisted pair leased (Buried vs. Aerial)
    e) Total strand-miles of trunk and distribution new coaxial cable installed (Buried vs. Aerial)
    f) Total strand-miles of backhaul existing fiber leased (Buried vs. Aerial)



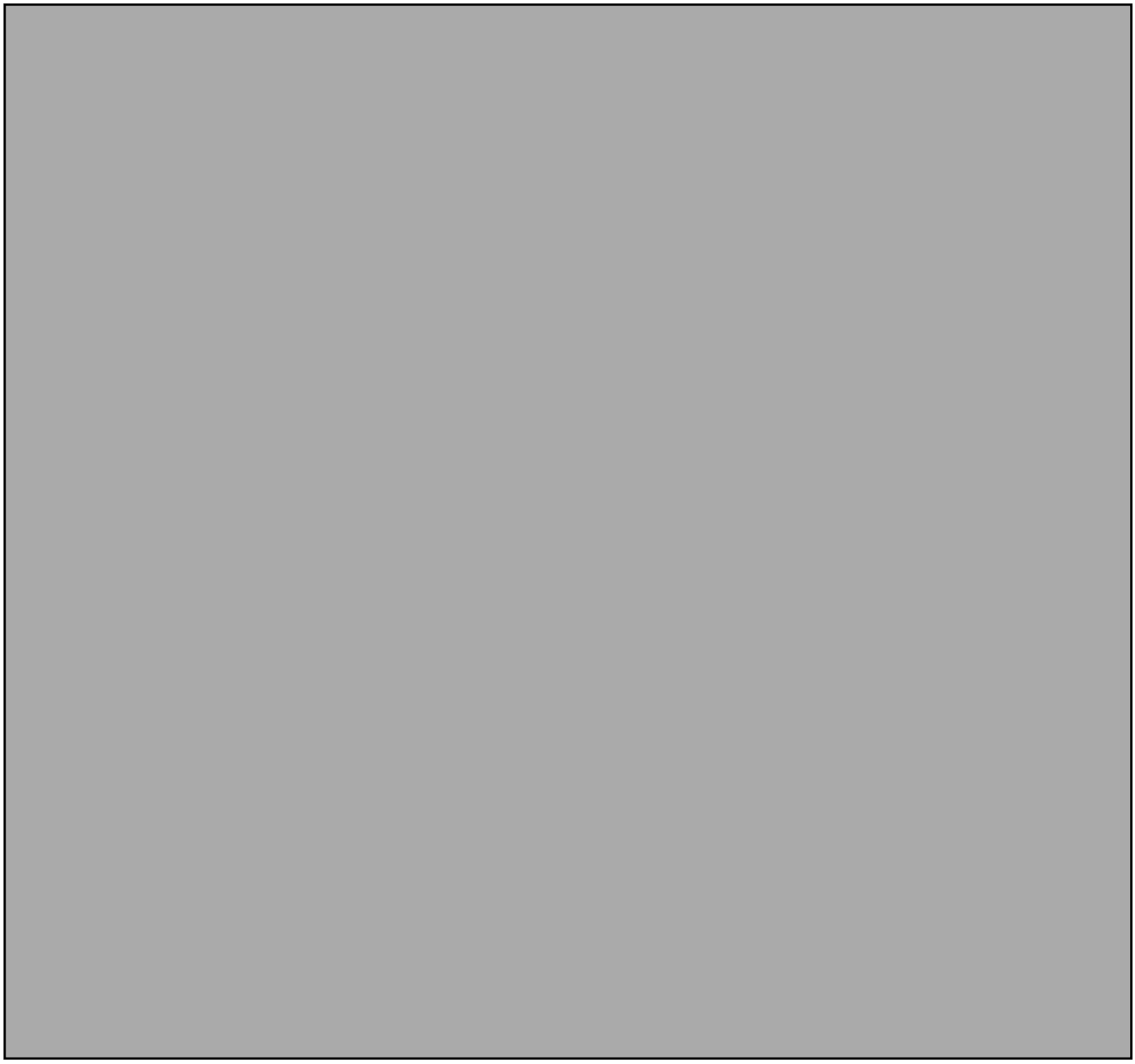
5) **Description and type of equipment used for residence or office deployment and capable speeds (Narrative 2250-character limit);**
    a) Specify home routers/modems to be used. (List all supported)
    b) How will customers acquire routers/modems?
    c) If routers/modems provided by firm,
        i) How will they be distributed?
        ii) Can they be accessed remotely for support?
        iii) Do they provide wi-fi access for the customer?
        iv) Do they provide ethernet ports for the customer?
        v) Are units available with external antenna as an option?

6) **Number of end users passed with network (Narrative 900-character limit);**
    a) Specify the maximum number of users the system can support based upon the proposed network footprint. If this footprint can be expanded, describe the process and cost.



7) **Describe the loading per wireless access node (AP, eNodeB, gNodeB) that would support the required throughput (Narrative 900-character limit);**

8) **Provide a detailed description of design work needed, including pole work, easements and property acquisition (Narrative 2250-character limit);**
    a) If contract is awarded, what additional design work needs to be completed?
    b) Would this work be completed in-house or contracted?
    c) What property purchase or lease agreements need to be completed?
    d) What additional easements and or rights-of-way still need to be acquired?



9) **As a second upload, provide a detailed diagram of the backbone infrastructure. The diagram should include:**

a) If copper gauge, number of pairs
b) If fiber, number of strands for trunk and branches
c) If coaxial cable, what type
d) Indicate what cable is buried and what is aerial.