

## Poles Inventory RFP for Phase 1 - Q&A consolidation

- 1) You indicated that 35% of the poles in Phase 1 are not accessible from the road? Are these remaining 35% in driveways, fields, etc.? Are they accessible only by foot?

ANSWER: The estimated 35% of poles that are not accessible from the road are poles that are more than ~50 ft from the nearest road and include both poles that parallel the road but are set back into woods or fields as well as poles that do not follow a road right-of-way. It would be safest to assume that the majority of these poles would be accessible only by foot. We would encourage you to provide separate per-pole costs for roadside vs. non-roadside poles.

- 2) Do you require Lidar or 3d imagery of the poles along with GPS location?

ANSWER: No. We included that technology as an optional data collection methodology

- 3) Do you need heights of each attachment and if so, what tolerances do you require?

ANSWER: Yes we need the heights of each attachment measured to +/-1inch

- 4) Attribute RISERDEST (riser destination); can there be an UNKNOWN response.

ANSWER: Yes, although VENDOR must make reasonable efforts to associate risers with addresses

- 5) Will you be providing the Vendor with the criteria for each of the attachment clearances?

ANSWER: That information will be included in the Request for Bids for each individual phase.

- 6) Will you be providing a template and signed application for to the Vendor for each of the different pole owners?

ANSWER: As of February 11, 2021, we have not obtained application templates. We will reach out to pole owners and will provide templates as they are made available to us

- 7) In the third step of Phase 1, will the utility or pole owner be determining which poles to be replaced, moved, etc?

ANSWER: CVFiber expects that the Vendor will negotiate with the pole owner to determine which poles need to be replaced and for what reason during the rideout. Documentation of the reasoning behind these evaluations are to be provided to CVFiber.

- 8) Also, is the expectation that the Vendor will be merely compiling and delivering the data, or does CVFiber require the Vendor to assist the utility or pole owner in determining design and decisions regarding costs and timeframe?

ANSWER: The expectation is data compilation and delivery only. Design, cost estimation, and scheduling will be part of a separate RFP.

- 9) Can we get an example of the schema/shp/gdb files of the VT Utility Pole Data Standard with the correct values populated as well as the additional attributes (such as MRWKEST,ONOFFROAD,ETC) to serve as an outline for our own GIS teams?

ANSWER: We will provide an example file. The vendor is required to manage and collect the data using tools that can maintain the schema.

- 10) Do the images described in the additional attributes need to be geo-tagged or simply sorted by a common ID of poles or must they be part of the geodatabase?

ANSWER: Preferably as part of the geodatabase as they are stored in a related table within the geodatabase. This technique will not work with shapefiles. Because relationship classes are used to maintain that link, you must have an ArcGIS Standard or higher license to create the table and relationship. This technique allows more than photo to be attached to one feature as well as allowing access to the photo in multiple ways. Most field software is moving toward using attachments to collect and store photos. If not, field-based hyperlinks will work. Be sure to have enough fields for multiple photos.

- 11) Can we get examples of the pole attachment license applications to properly measure the level of effort for each owner?

ANSWER: See the answer to question 6

- 12) Is the high level process gather data geo-spatially, create/submit attachment applications, ride-out with utility co, report make ready requirements based on rideout as well as estimate costs/timing needed to perform the construction?

ANSWER: Estimating costs and timing of construction are not part of the Scope of Work; this will be done as part of the engineering and design. Estimation of makeready effort is a qualitative assessment of the degree of difficulty associated with each pole. The other items are included in this Scope of Work.

- 13) What does phase 2 and the rest of the phases look like in terms of timing and size?

ANSWER: Unfortunately we don't know at this time. The timing and size of subsequent phases of construction will be dependent on a number of factors including available funding.

- 14) What is the access vs non access ratio (phase 1 has 65% roadside for example) for the rest of the project?

ANSWER: The access vs. non-access ratio included in the RFP was a hypothetical ratio to ensure that we get comparable responses to this RFP. Actual access vs non-access ratios for specific projects may differ. When we put out requests for bids for subsequent phases we will provide GIS datafiles for the route and all available pole location information. Vendor will be responsible for evaluating the pole routes to evaluate the level of effort required to complete the work for that Phase.

- 15) At the bottom of page 10, the section on Pole Data Collection reads, "Selected Vendor must conduct a pole inventory for the defined Phase 1 service route. This includes GMP/WEC Pole digital data and collection of CCI pole information where these poles

may offer better or more efficient fiber runs to connect to all premises along a route. CVFiber has a GIS database of proposed locations and poles for the District." We are hoping for some clarification on what data on existing poles will be provided specifically, and in what format.

**ANSWER: The [Vermont Center for Geographic Information](#) has both GMP and WEC pole and distribution line shape files. Some of GMP poles include information on their shared CCI poles, but most are not available. These data sets contain many attributes. The date of the information may be questionable.**

16) For each piece of work, will the vendor be required to do all 3 services? In addition to a. Pole Data Collection, will b. Pole Attachment License Applications and c. Pole Survey with Utilities be part of each scope of work?

**ANSWER: Our intention is to select vendor(s) to perform all three services for a specific phase. Phases may be subdivided between vendors, but vendors will have a defined area of work that does not overlap with other vendors.**

17) On page 11, the section on Pole Attachment License Applications reads "The Vendor will be responsible for completing and submitting applications on behalf of CVFiber to pole owners (WEC, GMP, CCI, etc.) using the information from the inventory in a form and format approved by CVFiber in writing before submission." How many total entities/pole owners will we need to interact with to submit pole attachment license applications?

**ANSWER: Our anticipated Phase I route includes poles owned by 3 different entities. Information regarding the specific pole owners will be provided in the Request for Bids document for each phase. Note that the number of pole-owning entities may differ in subsequent phases of construction.**