



NEW JERSEY WATER SUPPLY AUTHORITY

P.O. BOX 5196 · CLINTON, N.J. 08809 · (908) 638-6121 · (908) 638-5241 (FAX)

April 2, 2026

--Via Email--

RE: WSA-Q26031 Prospect Street HDD Project Review Services
Cablevision Lightpath, LLC – Underground Fiber Optic Cable Placement
NJWSA Review of Proposed Horizontal Directional Drilling (HDD) under the
Delaware & Raritan Canal in the City of Trenton, Mercer County, 08618

Applicant/Owner

Nicole Bingham
Cablevision
Lightpath, LLC
3638 E Southern Ave, Ste. 4
Phoenix, AZ 85040
(480) 673-9174

Applicant's Engineer

Peter Ludas, P.E.
Network Building +
Consulting, LLC
6095 Marshalee Dr., Ste. 300
Elkridge, MD 21075
(410) 712-7092

Applicant's Contractor

TBD

To Whom It May Concern:

New Jersey Water Supply Authority (Authority) staff is hereby requesting Statements of Qualifications and Fee Proposals from professional engineering consultants with expertise in Horizontal Directional Drilling (HDD) design and construction techniques. The selected Consultant will provide oversight of design and construction for the subject project as it relates to protecting the Authority's interest in the Delaware & Raritan Canal (Canal) as a water supply facility. In general, this will include reviewing information provided by the project applicant and the applicant's engineer and/or contractor, identifying any potential impacts to the Canal on behalf of the Authority, and providing recommendations accordingly.

Cablevision Lightpath, LLC (applicant) is proposing to install new fiber optic cable from their existing infrastructure in Morrisville, PA, to a new point of connection at Brunswick Circle in Lawrence Township, NJ. The applicant's proposal includes a crossing beneath the Canal via HDD, adjacent to Prospect Street Bridge in Trenton, NJ. This section of interest spans 363 linear feet between two splice vaults proposed to be located along Prospect Street within the city right-of-way. The design plans indicate a 6-inch-diameter directional bore is envisioned to allow a set of two 2-inch conduits plus two "Futurepath" 7-way conduits to be pulled between the vaults; The bore would maintain a minimum vertical clearance of 10 feet beneath the Canal bottom.

The Authority is requesting a proposal from your firm to provide the services described herein. The expected deliverables for this project are reports in letter form. The owner/applicant and their design engineer are listed at the top of this letter so your firm may identify any conflicts of interest requiring recusal. Upon receipt of confirmation that no conflict exists (an email response to this letter is sufficient), the currently available materials listed in Section 3.0 below will be sent electronically for reference in generating a proposal.

1.0 - Background

The Canal is a manmade waterway originally built in the 1830s via excavation and creation of an adjacent embankment. The prism of the waterway is clay-lined, and in some reaches, the banks are armored with historic stone. The Canal historically served as a barge transportation network but was later obtained by the State and retrofitted into a water supply transmission system, which is the purpose it serves today. It is noted that in this particular location, there is not a well-defined Canal embankment because a large distance separates the Canal from the Delaware River. Further, there are no water supply or flood control structures (e.g. locks, spillways, culverts) within the immediate work vicinity that would appear subject to potential impacts.

The Authority operates the Canal to provide water purveyors in central New Jersey with up to 100 million gallons per day of raw water diverted from the Delaware River to the Raritan basin. The purveyors treat the raw Canal water, which in turn provides a vital source of potable water supply to residents of central New Jersey. Any impacts to the Canal water supply transmission complex (transmission complex), including impacts to water quality and/or the ability to retain and convey water, are of concern to the Authority and its customers.

Given the Authority's responsibility for the transmission complex, we are given the opportunity to review projects with potential impacts thereto and to provide conditions of approval. These conditions are integrated into the Delaware & Raritan Canal Commission's (DRCC) regulatory review and made part of the resulting permit from their office. Authority staff will use the Consultant's findings and recommendations as the basis for project approval action and to stipulate any conditions deemed necessary or prudent.

In the case of this project, there is not much technical design documentation currently available for review (see Section 3.0 below). The current plans were used to obtain City of Trenton approvals and are schematic in nature; these are currently undergoing NJDEP review, and the applicant's engineer plans to revise them upon receipt of comments from NJDEP and the Consultant retained by the Authority under this solicitation. Given the limited design data, it is anticipated that a significant part of the Consultant's efforts will be to determine what additional information needs to be furnished (either during plan revision or by the eventual construction contractor, as appropriate) and reviewing the same to provide recommendations.

2.0 - Scope of Work

The scope of work is anticipated to include the following activities:

- Phase I: Review of Information & Design
 - Perform a site visit to identify any apparent existing conditions beyond what is represented in design documents that could pose an issue
 - Review documents provided by the applicant/engineer (including those listed herein and any additional documents requested by the Authority). This includes providing comments on the current plans and reviewing any resultant revisions.
 - Once design documents are finalized, prepare a letter report of findings to identify potential impacts to the Canal and provide recommendations for future actions and/or project approval conditions. Among other recommendations, this should identify what additional data must be furnished for review under the Phase II tasks below.

- Phase II: Pre-Construction
 - Review information such as contractor’s means and methods for HDD, Drill Fluid Management and Contingency Release Plans, and/or other work plans and pertinent submittals to be identified by the Consultant per Phase I above.
 - Provide any comments/concerns prompted by the above in the context of protecting the Authority’s interests
 - Attend conference calls with the Authority, Applicant/Owner, and their Engineer and/or Contractors as needed for coordination and to satisfy any concerns
- Phase III: Construction
 - General consultation during the construction activities
 - Onsite inspection of the drilling operations when under the Canal infrastructure
 - Prepare a letter report of findings regarding construction activities to identify any potential impacts to the Canal and recommend corrective actions as applicable

3.0 - List of Available Reference Materials (to be provided electronically):

- Applicant’s submittal package for City of Trenton permits:
 - Plans (7 sheets) titled “Cablevision Lightpath LLC – Underground FOC Placement,” including markup for revised 10-foot clearance beneath Canal
 - Approvals from City of Trenton (email correspondence provided by applicant)
- Applicant’s submittal package for NJDEP permits:
 - Request for Use of NJDEP Property Application
 - Aerial images depicting project area
 - Google Earth (.kmz) file depicting project area
- NJDEP review is in process; Any resulting documents or comments will be provided when available
- Delaware & Raritan Canal Commission review is in process; Any resulting documents or comments will be provided when available
- Additional documents will be provided as they become available. Note that any additional design information requests from the Consultant (post-award) shall be made through the Authority to the applicant’s engineer. It should be noted that such additional information may not be available in all cases.

Insurance Requirements

Please see the attached Schedule A which details the insurance and indemnification requirements.

Fee Proposal

Please provide a proposal with qualifications, project understanding, fee, and anticipated schedule for review. The fee proposal shall include, at a minimum:

- A signed statement certifying there is no known conflict of interest that would preclude your firm from representing the Authority on this project (this is pre-requisite to obtaining the reference materials but should be reiterated in the formal proposal as well).
- A brief description demonstrating an understanding of the project, the intent of this solicitation, and the technical subject matter involved.
- A brief description of the proposed staff, their experience and technical competence that uniquely qualifies them for this project.
- A brief description of the firm's relevant credentials and technical expertise, including record of satisfactory performance on similar example projects.
- Anticipated schedule of design review activities
- Fee breakdown:
 - All costs should be quoted as reimbursable cost not-to-exceed
 - At minimum, include a separate total for each Phase (I-III), along with the estimated number of hours and different rates used to derive that total
 - Assume total reimbursable travel/misc. expenses allowance not to exceed \$1000
 - Assume 5 full days for onsite construction observation

Proposals will be evaluated to verify appropriate experience of the firm and proposed staff. The lowest qualified bidder will be selected for this project. Proposals are due by 10:00 AM on Thursday April 16, 2026, and should be submitted via email to me, with Julie Hajdusek (jhajdusek@njwsa.org) and Tim Thiessen (tthiessen@njwsa.org) copied.

The enclosed packet of forms and certifications, Schedule B, must be completed and returned with your proposal.

Please feel free to contact me at (908) 638-6121 ext.1254 or pharenberg@njwsa.org should you have any questions or concerns regarding this project.

Sincerely,

Paul Harenberg

Paul Harenberg
Senior Project Engineer

cc: Stephen Gates, Chief Engineer, NJWSA
Tim Thiessen, Project Engineer, NJWSA
Julie Hajdusek, Manager of Contracts & Risk Management, NJWSA