



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION
AUGUSTA, MAINE 04333-0016

Janet T. Mills
GOVERNOR

Bruce A. Van Note
COMMISSIONER

April 28, 2022
Subject: Riverwalk Phase 3
State WIN: 024773.00
Location: Brewer
Amendment No. 2

Dear Sir/Ms.:

Please make the following changes to the Bid Documents:

In the Plan Set:

On SHEET NUMBER 6, ELECTRICAL SITE PLAN, **CHANGE** the note which begins "Provide (1) 1" conduit with pull strings only for wifi/security wiring..." to read, "**Provide (1) 1-inch conduit with pull strings and wiring to support complete installation of the Wi-Fi and Security Systems**". Make this change in pen and ink.

The following questions have been received:

Question: Presumably, the intent is for security cameras to be mounted on light poles. Please designate camera locations (by light pole) for the required underground infrastructure to be properly estimated (camera power, fiber, and ethernet cable and conduit lengths, for the security cameras and waypoint infrastructure)?

Response: The intent is for the security cameras to be mounted on the light poles. A total of 10 cameras have been procured by the City of Brewer and shall be installed on every 2-3 poles (exact locations to be field verified based on camera sight distances and angles). We anticipate cabling to be run pole to pole. A total of 3 waypoint boxes will be installed, one at the start of the project, one midway through the project and one at the end of the project (Approx. Pole). Final locations to be confirmed with the field Resident.

Question: What is the scope of the MDOT contractors work of the contract associated with this Bid item? If any of the scope of work associated with the security camera system is to be performed by the MDOT contractor, such scope is undefined or statements conflicting. Further, without camera locations and waypoint locations, there is presently no way for the MDOT contractor to prepare an estimate for the underground infrastructure required for whatever scope of work which the City of Brewer intends to perform outside the scope of the MDOT contract.

Response: The MaineDOT Contractor shall be responsible to furnish and install a completed Wi-Fi system and Security System Infrastructure. The City of Brewer will have their Contractor install (10) cameras on the proposed light pole locations.

Question: Please confirm that the City of Brewer has NOT contracted separately with the HCP for the Wi-Fi system associated with the Phase 3 project, and accordingly that all of this Wi-Fi work, and underground infrastructure work, and provision of Wi-Fi service will be part of the scope of the MDOT contract?

Response: The City of Brewer has not contracted separately for the Wi-Fi service. As noted in Special Provision Section 910, the MaineDOT Contractor shall furnish and install a complete Wi-Fi system.

Question: If the City of Brewer is not procuring the Wi-Fi system directly on this project, is the MDOT contractor going to be required to contract with HCP, for both the Wi-Fi service, and the Wi-Fi infrastructure?

Response: The MaineDOT Contractor is required to furnish and install the Wi-Fi system. They may contract with HCP or an approved equal for this project. Contractor shall assume there will be some coordination time with their selected vendor, as required, for a complete installation.

Question: Will HCP's Wi-Fi infrastructure responsibilities be included in the security system infrastructure which the City of Brewer is procuring directly from their security camera system vendor?

Response: The MaineDOT Contractor is responsible to furnish and install the infrastructure required to support the Wi-Fi system and security system for a complete system. The City of Brewer has pre-purchased (10) cameras associated with the security system.

Question: Is it the intent of this project that the Wi-Fi subcontractor furnish and install a completely independent and duplicate conduit, fiber optic cable, conduit, pullboxes; separate and not shared by the City of Brewer's direct purchased security camera system vendor?

Response: The MaineDOT Contractor shall be responsible for the installation of the conduit, cables, pull boxes for both the Wi-Fi system and Security System. As denoted on the plans, the Wi-Fi and Security cables can be installed in the same conduit.

Question: Are (9) Transceivers really necessary for this project?

Response: Yes, nine (9) transceivers are required. This number has been established based on recommended 120-foot spacing consistent with other portions of the Brewer Riverwalk trails.

Question: Please designate revised transceiver, media converter, access point, and router locations for the required underground infrastructure, in order for the work to be estimated properly (materials and labor required for 120V camera power, fiber, and ethernet cable and conduit lengths)?

Response: There are no revisions to the transceiver, media converter, access points or router locations. These locations are specifically identified in Special Provision Section 910.

Question: Further, the locations defined by text description do not always coincide exactly with the location of the proposed light pole infrastructure. If Wi-Fi locations do not coincide with the proposed light pole locations, where is the Wi-Fi equipment to be mounted?

Response: The location of Wi-Fi infrastructure is as described in Special Provision Section 910. Pole locations are approximate to the project stationing and field verification of final locations will be made with the Resident on-site.

Question: At which end of the project sidewalk is the head end equipment (Router) to be located? The Router is defined at (either/or) 2 locations. Only one location is necessary. From which location will the Wi-Fi and security camera system be located (station 201+70, or station 208+90)? Will the 2 intended independent systems be located on opposite ends of the project?

Response: The Security System will be connecting from the Hardy Street side of the system, integrating to the existing panel location. Wi-Fi will connect from the South Main Street side of the system.

Question: Presumably, the intent is for Wi-Fi transceivers to be mounted on light poles. Please designate transceiver locations (by light pole) for the required underground infrastructure in order for the work to be estimated properly (120V wi-fi power, wi-fi fiber, and wi-fi ethernet cable and wi-fi conduit lengths, for the transceivers, waypoints, access points, media converters, and router infrastructure)?

Response: Please refer to Special Provision Section 910 for a detailed list of Wi-Fi Equipment and Pole references.

Question: *Subject: Electricians Rate*
Bid Item 634.162 - Park Lighting System,
& Bid Items 910.03 - Special Work; Security Camera System, and WiFi System

Addendum #1 includes a 'Federal Davis-Bacon' minimum wage rate for 'Highway' in Penobscot County, with electricians listed at \$ 32.61/hour including benefits (same rate as other recent Federal Davis-Bacon wage determinations which we have observed, and the same electrician rate applicable to the recent Phase 2 Brewer Riverwalk project in Brewer).

Addendum #1 also includes a 'Maine Department of Labor' minimum wage rate for 'Highway & Earth' in Penobscot County, with electricians listed at \$ 71.67/hour including benefits.

The Maine Department of Labor's wage determination of the minimum wage rate for electricians applicable to this project: *\$71.67/hour,....is 2.5X the average mean minimum wage rate for all of the trades listed for the entire project!....and 2.2X the Federal Davis-Bacon minimum wage rate listed for electricians...for the same project!!!...* (both rates are listed in the wage determination issued with Addendum #1). The MDOL rate for electricians is also *1.5X the next highest rate listed for any other trade* (rebar iron worker). Something seems amiss.

Two Questions:

1) Please verify that the 'Maine Department of Labor' minimum wage rate listed for electricians for this project is not a typographical error?

2) And, please verify that the higher of the 2 minimum wage rates listed for electricians, the MDOL rate, as included in Addendum #1, is applicable to this project?

Response: Yes, the hourly rate for an electrician – with wages and benefits – is \$71.67.
Yes, the higher of the 2 minimum wage rates listed, as included in Addendum #1, is applicable to this project.

Consider these changes and information prior to submitting your bid on May 4, 2022.

Sincerely,



George M. A. Macdougall P.E.
Contracts & Specifications Engineer