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

Janet T. Mills
GOVERNOR

Bruce A. Van Note
COMMISSIONER

October 23, 2020
Subject: Veranda Street Bridge Replacement, CNRR Crossing Bridge Rehabilitation & Interstate 95 over Washington Avenue Bridge Rehabilitation
State WINs: 021745.00, 023545.00 & 023615.03
Location: **Portland**
Amendment No. 2

Dear Sir/Ms.:

Please make the following changes to the Bid Documents:

In the Bid Book:

CHANGE on page 14, NOTICE TO CONTRACTORS, the bid opening date in the first paragraph from "October 28, 2020" to read "**November 4, 2020**". Make this change in pen and ink.

CHANGE on page 102, SPECIAL PROVISION – SECTION 107 - WORK TIMES - SUPPLEMENTAL LIQUIDATED DAMAGES, "The Contractor shall notify the Department of the selected Interstate Closure Date on or before 5:00 p.m. of February 26, 2021." To read "**The Contractor shall notify the Department of the selected Interstate Closure Date on or before 5:00 p.m. of May 1, 2021.**" Make this change in pen and ink.

In the Plan Set:

WIN: 21745.00, on Sheet 163 Suggested Construction Phasing I under Closure Timeframe, please **CHANGE** 58.5 hours to read "**60 hours**". Make this change in pen and ink.

WIN: 21745.00, on Sheet 163 Suggested Construction Phasing I under note A6, **CHANGE** "The closure of Veranda Street within the defined project limits is permitted to last up to five calendar days....." to read "**The closure of Veranda Street within the defined project limits is permitted to last up to seven calendar days**.....". Make this change in pen and ink.

The following questions have been received:

Question: The North/South Approach has been designed in 1' and 2' layers with the majority of the layers being in 2' layers. Can the 2' layers be constructed using TWO **(2)** Geofoam Blocks that are 4' (w) x 8' (l) x 1' (h) and connected together with the Gripper Plates?

Response: The use of 1'(H) x 4'(W) x 8'(L) blocks are not permitted as a substitute for 2'(H) x 4'(W) x 8'(L) blocks for the purposes of fabricator or contractor convenience. The use of 1-foot thick blocks will only be allowed in locations where their use is required to efficiently achieve the required geometry, and they will not be allowed below the top layer.

Question: 627.744 is on the Schedule of Items (SOI) line 2600 with a QTY of 3,100lf. Veranda plan sheet 3 shows this item with QTY of 6,400lf. CNRR/Wash plan sheet 3 has this item with QTY 3,100lf. Is this item intended to be on Veranda St, CNRR/Wash or both? Please clarify location and QTY.

Response: The quantities associated with Item 627.744 6" White or Yellow Painted Pavement Marking Line, as defined in each plan set is correct. Please see the updated Schedule of Items dated 10/19/2020 for the corrected total quantity.

Question: Veranda St. plan sheet 2 shows item 626.48 60-inch diameter foundation with QTY of 15lf. This is not on the Special Provision SOI. Please clarify if this item is on the job and/or make correction.

Response: Item 626.48 60-Inch Diameter Founding is correct as shown on Sheet 2 Estimated Quantities of the Plans for WIN 21745.00. This item has been added to the Schedule of Items. Please see the updated Schedule of Items dated 10/19/2020.

Question: Veranda St. plan sheet 2 shows 604.18 Adjust Manhole to Grade with QTY 12ea. SOI shows QTY 23ea. Please confirm QTY.

Response: The quantity associated with Item 604.18 Adjust Manhole or Catch Basin to Grade is correct as shown on Sheet 2 Estimated Quantities of the Plans for WIN 21745.00. Please see the updated Schedule of Items dated 10/19/2020 for the corrected quantity.

Question: SOI shows line item 0510 as 520.232 Expansion Device – Asphaltic Plug Joint QTY of 102lf. Veranda plan sheet 2 shows item 519.60 Expansion Device… Please clarify bid item.

Response: Item 519.60 Expansion Device – Asphaltic Plug Joint is correct as shown on Sheet 2 Estimated Quantities of the Plans for WIN 21745.00. Please see the updated Schedule of Items dated 10/19/2020 with the corrected item number.

Question: SOI show items 503.26 and 503.27 both with QTY 232,000lb. Veranda plan sheet shows these QTYs as 231,000lb. Please clarify.

Response: The quantities associated with Items 503.26 Stainless Steel Reinforcement, Fabricated and Delivered & 503.27 Stainless Steel Reinforcement, Placing as defined on Sheet 2 Estimated Quantities of the Plans for WIN 21745.00 is correct. Please see the updated Schedule of Items dated 10/19/2020 with the corrected quantities.

Question: Will electronic drawing files be available for construction engineering after the project is awarded?

Response: Yes, they will be available after the project has been awarded.

Question: To hit the October 2021 closure date, there are many critical activities that are required in winter frozen ground conditions, including utility earthwork and relocation work. Based on notice and work window requirements for utilities this could drag out months. With these factors, we don't feel we can commit to the closure by the required February 26, 2021 date. We need more time to work through some of these critical activities ensuring the project is on track. There are many factors outside Contractor's control through the Winter months that will dictate the project's success. We suggest May 1, 2021 date to commit to closure.

Response: The Department will allow the change to May 1, 2021 for the date to commit choosing the date for the bridge slide and closure window. See above changes to SPECIAL PROVISION – SECTION 107 - WORK TIMES - SUPPLEMENTAL LIQUIDATED DAMAGES.

Question: When this project was initially out to bid, the Proposal Schedule of Items dated 4/27/2020 contained Pay Item 626.48 entitled 60 Inch Diameter Foundation. Regarding the 55' mast arm shown on Sheet 154 of 220 of the new set of drawings, the language in Note 1 has been modified to say, "The mast arm foundation shall be a 15-foot-long 60 inch diameter shaft". Pay Item 626.48 entitled 60 Inch Diameter Foundation has been deleted from the new Proposal Schedule of Items dated 10/5/20. Please advise as to how the 60" diameter foundation for the 55' mast arm will be paid for.

Response: Item 626.48 60-Inch Diameter Founding is correct as shown on Sheet 2 Estimated Quantities of the Plans for WIN 21745.00. This item has been added to the Schedule of Items. Please see the updated Schedule of Items dated 10/19/2020.

Question: Existing Elevations and elevations on existing bridge drawings appear to match. Please confirm if elevation references match. I.e. Elevation 23' on new bridge drawings = Elev. 23' on existing bridge drawings.

Response: There are no significant elevation changes expected to I-295. The proposed I-295 elevations do not vary much, if at all, from existing I-295 elevations. U.S. Route 1 (Veranda St.) does have elevation changes due to the areas of roadway.

Question: Special Provision Section 107 Time (Work Times) (Supplemental Liquidated Damages), Interstate Closure periods for Option 1 and Option 2 are shown as 60 hrs. Contract Plan Sheet 163 under the Closure Timeframe states, "total closure duration shall not exceed 58.5 hours." Please clarify.

Response: See above changes to Sheet Number 163 of the Plan Set.

Question: Special Provision Section 107 Time (Work Times) (Supplemental Liquidated Damages), states that the Contractor can close Veranda St. for 7 continuous Calendar Days related to the Interstate Closure. Contract Plan Sheet 163, Note A6 states, "The closure of Veranda Street within the defined project limits is permitted to last up to five calendar days..." Please clarify.

Response: Special Provision 107, Time (Work Times) (Supplemental Liquidated Damages) is correct stating that Veranda Street can be closed for 7 continuous calendar Days. See above changes to Sheet Number 163 of the Plan Set.

Question: Due to the complexity of the project we respectfully request a one week extension of the bid date.

Response: See above changes to Notice to Contractors. The bid opening has been delayed until November 4, 2020.

Question: SP501 Micropile - 501.02 Materials and Sheet 175 - The special provision requires the bearing plate to be galvanized. The detail on Sheet 175 shows the galvanized plate is welded to the uncoated steel casing. Welding galvanized material in a field conditions is hazardous due to the vapors released. Could the requirement for welding or the coating on the plate be removed?

Response: The load plates may be plain, ungalvanized, steel.

Question: General Note 24 states poles and work to accommodate time lapse cameras is incidental to related pay items. What pay items is this paid.

Response: General Note 42 referring to installation of poles and work to accommodate time lapse cameras shall be incidental to Pay Item 524.301, Bridge Movement System.

Question: Pole 23, 24, (stub @ 104+03), 25, 27 are to be moved/removed before construction. Power is to be installed in new duct bank under Veranda St. prior to bridge construction. Please confirm and/or clarify expectation for timing of power relocations.

Response: In accordance with Special Provision 104, the Contractor has the primary responsibility for coordinating their work with utilities after contract award. The Contractor shall communicate directly with the utilities regarding any utility work necessary to maintain the Contractor's schedule and prevent project construction delays.

Question: Pole 26 is to be relocated. Is it expected that Pole 26 will be relocated prior to construction and the new location will not conflict with the work area? Is it expected wires and/or lights will be mounted on this pole during construction?

Response: Pole 26 will be removed by the utility company when poles 23, 24, 25 & 27 are removed after the utilities have relocated to the underground duct bank. The proposed pole at 26 is a stub pole for power and communications to the proposed traffic signal that is separate from relocation of the adjacent poles.

Question: We cannot find that the type of stainless steel is specified for the S.S slide shoe plate. Please clarify.

Response: All elastomeric bearings shall conform to MaineDOT Standard Specification 523. Stainless steel shall conform to ASTM A 167, Type 308 or ASTM A 240, Type 304

Question: Are the pedestal pole foundations for the RRFB to be included under item 643.62 Rectangular Rapid Flashing Beacons?

Response: Pedestal pole foundations are paid for separately from Item 643.62 Rectangular Rapid Flashing Beacons. Foundations for Rectangular Rapid Flashing Beacons are paid for under Item 626.411 18 Inch Diameter Foundation. Please see Special Provision 643 Traffic Signals, Rectangular Rapid Flashing Beacons for more information.

Question: In reference to Special Provision Section 107 (On-Time Completion Bonus), Definitions, which states: "The bridge approaches will be considered Reopened to All Lanes of Traffic when the following items are complete, in place, inspected and accepted: all base pavement, temporary pavement ramps, temporary or permanent median barrier, line striping, and either permanent guardrail or temporary barrier on I-295. ", if permanent guardrail is installed during the closure period, how will surface paving be addressed at the new guardrail since surface paving is not placed until at least 5 months later? Will surface pavement end at the face of guardrail?

Response: At a minimum full depth pavement should extend to the face of the rail as shown in the plans. Surface pavement shall taper to within 6" of the post not just stop at the face of rail. Additionally, Guardrail shall be driven through at a minimum of 3" of HMA, so the intermediate base lifts would need to be adjusted accordingly. The surface pavement can be placed by either removing the rail during placement, or with a modification to the paver allows the end gate to fit under the rail, similar to that used for the pavement safety edge detail.

Consider these changes and information prior to submitting your bid on **November 4, 2020**.

Sincerely,

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