



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

Paul R. LePage  
GOVERNOR

David Bernhardt  
COMMISSIONER

September 11, 2018  
Subject: Lunt Road Bridge Replacement  
& Lambert Street Bridge Rehabilitation  
State WINS: 021723.00 & 022600.00  
Location: **Falmouth**  
**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 "September 12, 2018" (from Amendment No. 1), to read "**September 19, 2018**". Make this change in pen and ink.

**REMOVE** pages 17-27, Proposal Schedule of Items, 11 pages, dated 8/6/2018, and **REPLACE** with the attached, revised Proposal Schedule of Items, 11 pages, dated 9/5/2018.

**REMOVE** pages 74-77, SPECIAL PROVISION – SECTION 107 – TIME - (Contract Time) – (Work Times) – (Supplemental Liquidated Damages), 4 pages, dated August 1, 2018, and **REPLACE** with the attached, revised SPECIAL PROVISION – SECTION 107 – TIME - (Contract Time) – (Work Times) – (Supplemental Liquidated Damages), 4 pages, dated September 6, 2018.

In the Plan Set:

On SHEET NUMBER 2 OF 46, ESTIMATED QUANTITIES, Item No. 503.17, Mechanical/Welded Splice, **CHANGE** the quantity from "1037" EA to read "**1045**". Make this change in pen and ink.

On SHEET NUMBER 2 OF 46, ESTIMATED QUANTITIES, Item No. 505.08, Shear Connectors, **CHANGE** the reference quantity from "(3150)" to read "**(3855)**". Make this change in pen and ink.

**REMOVE** Lunt Road Bridge SHEET NUMBER 45 OF 46, TEMPORARY SIGNAL PLAN, and **REPLACE** with the attached, revised Lunt Road Bridge SHEET NUMBER 45 OF 46, TEMPORARY SIGNAL PLAN.



PRINTED ON RECYCLED PAPER

The following questions have been received:

**Question:** Can you provide the lap splice lengths required for the mechanical couplers for bar sizes #5, #6, #8, & #10?

**Response:** Item No. 503.17, Mechanical/Welded Splice, is specified to facilitate staged construction; lap splices of transverse reinforcing bars either between construction stages or within construction stages will be allowed with the approval of the Resident. The required lap splice lengths are as follows:

#5 Superstructure bars: 2'-6"

#5 Pier bars: 3'-3"

#6 bars: 3'-10"

#8 bars: 5'-1"

#10 bars: 6'-5"

**Question:** Can you review the Bid Item #503.17 quantity? My estimate differs from the amount listed.

**Response:** Please see the attached, revised Proposal Schedule of Items.

**Question:** Due to the very aggressive schedule and the minimal number of hours available to impact the both the Interstate and Lunt Road, we request that the bid opening be postponed and that a precast concrete option be designed for both substructure and superstructure.

**Response:** Please see the attached, revised SPECIAL PROVISION – SECTION 107 – TIME - (Contract Time) – (Work Times) – (Supplemental Liquidated Damages). Precast concrete options will not be provided.

**Question:** Will work on Sundays be allowed?

**Response:** No, work on Sundays will not be allowed.

**Question:** Are there any supplemental Liquidated Damages if the contractor exceeds the 80 hours of I-295 lane closures at times other than 5:00 AM to 6:00?

**Response:** Yes, please see the attached, revised SPECIAL PROVISION – SECTION 107 – TIME - (Contract Time) – (Work Times) – (Supplemental Liquidated Damages).

**Question:** Are there any supplemental Liquidated Damages for exceeding the 84 hours of single lane closure on I-295?

**Response:** Yes, please see the attached, revised SPECIAL PROVISION – SECTION 107 – TIME - (Contract Time) – (Work Times) – (Supplemental Liquidated Damages).

**Question:** Please increase the number of hours relative to the full and partial closure of I-295.

**Response:** Please see the attached, revised SPECIAL PROVISION – SECTION 107 – TIME - (Contract Time) – (Work Times) – (Supplemental Liquidated Damages). The number of I-295 full closure hours is not increased.

**Question:** Please increase the number of hours when Lunt Road can be closed.

**Response:** Please see the attached, revised SPECIAL PROVISION – SECTION 107 – TIME - (Contract Time) – (Work Times) – (Supplemental Liquidated Damages).

**Question:** The Superstructure plan on sheet 40 shows the bridge-rail posts at 4'-5" away from the concrete transition barrier. MaineDOT Standard Details for 3-line and 4-line bridge rail (507/02) shows the first post at 1'-6" away from the concrete transition barrier. What detail should be used for this project?

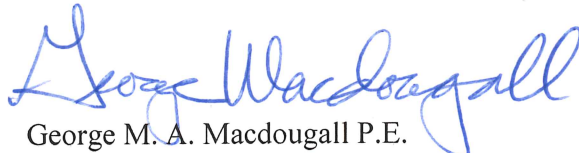
**Response:** Please see the Lunt Road Bridge, revised Sheet 40, Superstructure Plan, issued in Amendment No. 1 on August 28, 2018.

**Question:** I submitted substantive questions by RFI on 8/24/18 and 8/27/18. To date these questions have not been answered. I request that the bid opening again be postponed until these questions are answered and enough time is provided after the answering to analyze and make appropriate changes to our bid.

**Response:** See above responses and changes.

Consider these changes and information prior to submitting your bid on **September 19, 2018**.

Sincerely,



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

Maine Department of Transportation

Proposal Schedule of Items

Proposal ID: 021723.00

Project(s): 021723.00, 022600.00

SECTION: 1 Project Items

Alt Set ID: Alt Mbr ID:

Contractor: \_\_\_\_\_

| Proposal Line Number | Item ID Description  | Approximate Quantity and Units | Unit Price |              | Bid Amount |           |
|----------------------|--|--------------------------------|------------|--------------|------------|-----------|
|                      |  |                                | Dollars    | Cents        | Dollars    | Cents     |
| 0010                 | 202.13<br>REMOVING EXISTING RAILINGS<br>(RETAINED BY DEPARTMENT) | 500.000<br>LF                  | _____      | <br>_____    | _____      | <br>_____ |
| 0020                 | 202.15<br>REMOVING MANHOLE OR CATCH<br>BASIN                     | 1.000<br>EA                    | _____      | <br>_____    | _____      | <br>_____ |
| 0030                 | 202.19<br>REMOVING EXISTING BRIDGE                               | LUMP SUM                       |            | <br>LUMP SUM | _____      | <br>_____ |
| 0040                 | 202.202<br>REMOVING PAVEMENT SURFACE                             | 1,340.000<br>SY                | _____      | <br>_____    | _____      | <br>_____ |
| 0050                 | 203.20<br>COMMON EXCAVATION                                      | 1,114.000<br>CY                | _____      | <br>_____    | _____      | <br>_____ |
| 0060                 | 203.2318<br>DISPOSAL OF SPECIAL WASTE                            | 400.000<br>T                   | _____      | <br>_____    | _____      | <br>_____ |
| 0070                 | 203.24<br>COMMON BORROW  | 430.000<br>CY                  | _____      | <br>_____    | _____      | <br>_____ |
| 0080                 | 203.25<br>GRANULAR BORROW  | 600.000<br>CY                  | _____      | <br>_____    | _____      | <br>_____ |
| 0090                 | 206.082<br>STRUCTURAL EARTH EXCAVATION -<br>MAJOR STRUCTURES     | 790.000<br>CY                  | _____      | <br>_____    | _____      | <br>_____ |
| 0100                 | 206.092<br>STRUCTURAL ROCK EXCAVATION -<br>MAJOR STRUCTURES      | 20.000<br>CY                   | _____      | <br>_____    | _____      | <br>_____ |
| 0110                 | 304.10<br>AGGREGATE SUBBASE COURSE -<br>GRAVEL                   | 754.000<br>CY                  | _____      | <br>_____    | _____      | <br>_____ |
| 0120                 | 403.208<br>HOT MIX ASPHALT 12.5 MM HMA<br>SURFACE                | 235.000<br>T                   | _____      | <br>_____    | _____      | <br>_____ |

Maine Department of Transportation

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|----------------------|---|--------------------------------|------------|--------------|------------|-----------|
|                      |   |                                | Dollars    | Cents        | Dollars    | Cents     |
| 0130                 | 403.209<br>HOT MIX ASPHALT 9.5 MM<br>(SIDEWALKS, DRIVES, INCIDENTALS) | 41.000<br>T                    | _____      | <br>_____    | _____      | <br>_____ |
| 0140                 | 403.211<br>HOT MIX ASPHALT (SHIMMING)                                 | 13.000<br>T                    | _____      | <br>_____    | _____      | <br>_____ |
| 0150                 | 403.213<br>HOT MIX ASPHALT 12.5 MM BASE                               | 171.000<br>T                   | _____      | <br>_____    | _____      | <br>_____ |
| 0160                 | 409.15<br>BITUMINOUS TACK COAT - APPLIED                              | 110.000<br>G                   | _____      | <br>_____    | _____      | <br>_____ |
| 0170                 | 501.231<br>DYNAMIC LOADING TEST                                       | 1.000<br>EA                    | _____      | <br>_____    | _____      | <br>_____ |
| 0180                 | 501.50<br>STEEL H-BEAM PILES 89 LBS/FT,<br>DELIVERED                  | 330.000<br>LF                  | _____      | <br>_____    | _____      | <br>_____ |
| 0190                 | 501.501<br>STEEL H-BEAM PILES 89 LBS/FT, IN<br>PLACE                  | 205.000<br>LF                  | _____      | <br>_____    | _____      | <br>_____ |
| 0200                 | 501.502<br>ROCK SOCKETED H-PILES                                      | 125.000<br>LF                  | _____      | <br>_____    | _____      | <br>_____ |
| 0210                 | 501.804<br>DRILLING EQUIPMENT MOBILIZATION                            | LUMP SUM                       |            | <br>LUMP SUM | _____      | <br>_____ |
| 0220                 | 501.90<br>PILE TIPS   | 5.000<br>EA                    | _____      | <br>_____    | _____      | <br>_____ |
| 0230                 | 501.91<br>PILE SPLICES  | 5.000<br>EA                    | _____      | <br>_____    | _____      | <br>_____ |
| 0240                 | 501.92<br>PILE DRIVING EQUIPMENT<br>MOBILIZATION                      | LUMP SUM                       |            | <br>LUMP SUM | _____      | <br>_____ |

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|----------------------|---|--------------------------------|------------|-------|------------|-------|
|                      |   |                                | Dollars    | Cents | Dollars    | Cents |
| 0250                 | 502.219<br>STRUCTURAL CONCRETE,<br>ABUTMENTS AND RETAINING WALLS                | LUMP SUM                       | LUMP       | SUM   | _____      | _____ |
| 0260                 | 502.23<br>STRUCTURAL CONCRETE PIERS   | 34.000<br>CY                   | _____      | _____ | _____      | _____ |
| 0270                 | 502.239<br>STRUCTURAL CONCRETE PIERS  | LUMP SUM                       | LUMP       | SUM   | _____      | _____ |
| 0280                 | 502.26<br>STRUCTURAL CONCRETE ROADWAY<br>AND SIDEWALK SLABS ON STEEL<br>BRIDGES | LUMP SUM                       | LUMP       | SUM   | _____      | _____ |
| 0290                 | 502.291<br>SAW CUT GROOVING   | LUMP SUM                       | LUMP       | SUM   | _____      | _____ |
| 0300                 | 502.31<br>STRUCTURAL CONCRETE<br>APPROACH SLABS                                 | LUMP SUM                       | LUMP       | SUM   | _____      | _____ |
| 0310                 | 502.49<br>STRUCTURAL CONCRETE CURBS<br>AND SIDEWALKS                            | LUMP SUM                       | LUMP       | SUM   | _____      | _____ |
| 0320                 | 502.70<br>BRIDGE DRAINS   | 7.000<br>EA                    | _____      | _____ | _____      | _____ |
| 0330                 | 503.17<br>MECHANICAL WELDED SPLICE  | 1,045.000<br>EA                | _____      | _____ | _____      | _____ |
| 0340                 | 503.26<br>STAINLESS STEEL REINFORCEMENT<br>- FABRICATED & DELIVERED             | 151,500.000<br>LB              | _____      | _____ | _____      | _____ |
| 0350                 | 503.27<br>STAINLESS STEEL REINFORCEMENT<br>- PLACING                            | 151,500.000<br>LB              | _____      | _____ | _____      | _____ |

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|----------------------|--|--------------------------------|------------|-----------|------------|-----------|
|                      |  |                                | Dollars    | Cents     | Dollars    | Cents     |
| 0360                 | 504.514<br>BEARING STIFFENER CONNECTION PLATE                    | 24.000<br>EA                   | _____      | <br>_____ | _____      | <br>_____ |
| 0370                 | 504.514<br>BEARING STIFFENER FULL HEIGHT                         | 8.000<br>EA                    | _____      | <br>_____ | _____      | <br>_____ |
| 0380                 | 504.702<br>STRUCTURAL STEEL FABRICATED AND DELIVERED, WELDED     | LUMP SUM                       | LUMP       | <br>SUM   | _____      | <br>_____ |
| 0390                 | 504.71<br>STRUCTURAL STEEL ERECTION                              | LUMP SUM                       | LUMP       | <br>SUM   | _____      | <br>_____ |
| 0400                 | 505.08<br>SHEAR CONNECTORS                                       | LUMP SUM                       | LUMP       | <br>SUM   | _____      | <br>_____ |
| 0410                 | 506.144<br>FIELD PAINTING NEW AND EXISTING STRUCTURAL STEEL      | LUMP SUM                       | LUMP       | <br>SUM   | _____      | <br>_____ |
| 0420                 | 506.17<br>SURFACE PREPARATION OF EXISTING STRUCTURAL STEEL       | LUMP SUM                       | LUMP       | <br>SUM   | _____      | <br>_____ |
| 0430                 | 506.18<br>CONTAINMENT AND POLLUTION CONTROL                      | LUMP SUM                       | LUMP       | <br>SUM   | _____      | <br>_____ |
| 0440                 | 506.191<br>DISPOSAL OF SPECIAL WASTE OR HAZARDOUS WASTE MATERIAL | LUMP SUM                       | LUMP       | <br>SUM   | _____      | <br>_____ |
| 0450                 | 506.9104<br>THERMAL SPRAY COATING - SHOP APPLIED                 | LUMP SUM                       | LUMP       | <br>SUM   | _____      | <br>_____ |
| 0460                 | 507.0821<br>STEEL BRIDGE RAILING, 3 BAR                          | LUMP SUM                       | LUMP       | <br>SUM   | _____      | <br>_____ |

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| Proposal Line Number | Item ID Description  | Approximate Quantity and Units | Unit Price |       | Bid Amount |       |
|----------------------|--|--------------------------------|------------|-------|------------|-------|
|                      |  |                                | Dollars    | Cents | Dollars    | Cents |
| 0470                 | 507.0831<br>STEEL BRIDGE RAILING, 4 BAR                                      | LUMP SUM                       | LUMP       | SUM   | _____      | _____ |
| 0480                 | 508.14<br>HIGH PERFORMANCE WATERPROOFING MEMBRANE                            | LUMP SUM                       | LUMP       | SUM   | _____      | _____ |
| 0490                 | 511.07<br>COFFERDAM: PIER 1  | LUMP SUM                       | LUMP       | SUM   | _____      | _____ |
| 0500                 | 511.07<br>COFFERDAM: PIER 2  | LUMP SUM                       | LUMP       | SUM   | _____      | _____ |
| 0510                 | 513.22<br>CRUSHED STONE SLOPE PROTECTION                                     | 520.000<br>SY                  | _____      | _____ | _____      | _____ |
| 0520                 | 514.06<br>CURING BOX FOR CONCRETE CYLINDERS                                  | 1.000<br>EA                    | _____      | _____ | _____      | _____ |
| 0530                 | 515.21<br>PROTECTIVE COATING FOR CONCRETE SURFACES                           | LUMP SUM                       | LUMP       | SUM   | _____      | _____ |
| 0540                 | 518.50<br>REPAIR OF UPWARD FACING SURFACES - TO REINFORCING STEEL < 8 IN.    | 330.000<br>SF                  | _____      | _____ | _____      | _____ |
| 0550                 | 518.51<br>REPAIR OF UPWARD FACING SURFACES - BELOW REINFORCING STEEL < 8 IN. | 140.000<br>SF                  | _____      | _____ | _____      | _____ |
| 0560                 | 518.52<br>REPAIR OF UPWARD FACING SURFACES >= 8 IN.                          | 1.000<br>CY                    | _____      | _____ | _____      | _____ |
| 0570                 | 518.60<br>REPAIR OF VERTICAL SURFACES < 8 IN.                                | 20.000<br>SF                   | _____      | _____ | _____      | _____ |

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| Proposal Line Number | Item ID Description                                  | Approximate Quantity and Units | Unit Price |              | Bid Amount |           |
|----------------------|--|--------------------------------|------------|--------------|------------|-----------|
|                      |  |                                | Dollars    | Cents        | Dollars    | Cents     |
| 0580                 | 520.232<br>EXPANSION DEVICE - ASPHALTIC PLUG JOINT   | 68.000<br>LF                   | _____      | <br>_____    | _____      | <br>_____ |
| 0590                 | 520.244<br>BRIDGE JOINT MODIFICATION TYPE 4          | 4.000<br>EA                    | _____      | <br>_____    | _____      | <br>_____ |
| 0600                 | 523.52<br>BEARING INSTALLATION                       | 5.000<br>EA                    | _____      | <br>_____    | _____      | <br>_____ |
| 0610                 | 523.5401<br>LAMINATED ELASTOMERIC BEARINGS, FIXED    | 5.000<br>EA                    | _____      | <br>_____    | _____      | <br>_____ |
| 0620                 | 524.301<br>TEMPORARY STRUCTURAL SUPPORT              | LUMP SUM                       |            | <br>LUMP SUM | _____      | <br>_____ |
| 0630                 | 524.301<br>TEMPORARY STRUCTURAL SUPPORT Approaches   | LUMP SUM                       |            | <br>LUMP SUM | _____      | <br>_____ |
| 0640                 | 524.301<br>TEMPORARY STRUCTURAL SUPPORT Pier         | LUMP SUM                       |            | <br>LUMP SUM | _____      | <br>_____ |
| 0650                 | 524.40<br>PROTECTIVE SHIELD Shield over I-295        | LUMP SUM                       |            | <br>LUMP SUM | _____      | <br>_____ |
| 0660                 | 526.301<br>TEMPORARY CONCRETE BARRIER TYPE I         | LUMP SUM                       |            | <br>LUMP SUM | _____      | <br>_____ |
| 0670                 | 526.305<br>TEMPORARY CONCRETE BARRIER, BRACED TYPE 1 | LUMP SUM                       |            | <br>LUMP SUM | _____      | <br>_____ |
| 0680                 | 526.34<br>PERMANENT CONCRETE TRANSITION BARRIER      | 4.000<br>EA                    | _____      | <br>_____    | _____      | <br>_____ |

Maine Department of Transportation

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SECTION: 1 Project Items

Alt Set ID: Alt Mbr ID:

Contractor: \_\_\_\_\_

| Proposal Line Number | Item ID Description                                      | Approximate Quantity and Units | Unit Price |           | Bid Amount |           |
|----------------------|--|--------------------------------|------------|-----------|------------|-----------|
|                      |  |                                | Dollars    | Cents     | Dollars    | Cents     |
| 0690                 | 527.34<br>WORK ZONE CRASH CUSHIONS                       | 8.000<br>UN                    | _____      | <br>_____ | _____      | <br>_____ |
| 0700                 | 603.179<br>18 INCH CULVERT PIPE OPTION III               | 140.000<br>LF                  | _____      | <br>_____ | _____      | <br>_____ |
| 0710                 | 604.092<br>CATCH BASIN TYPE B1-C                         | 4.000<br>EA                    | _____      | <br>_____ | _____      | <br>_____ |
| 0720                 | 604.18<br>ADJUSTING MANHOLE OR CATCH BASIN TO GRADE      | 3.000<br>EA                    | _____      | <br>_____ | _____      | <br>_____ |
| 0730                 | 606.1301<br>31" W-BM GR, MID-WAY SPLICE-SGL FACED        | 325.000<br>LF                  | _____      | <br>_____ | _____      | <br>_____ |
| 0740                 | 606.1303<br>31" W-BM GR, MID-WAY SPLICE-15' RAD AND LESS | 20.000<br>LF                   | _____      | <br>_____ | _____      | <br>_____ |
| 0750                 | 606.1305<br>31" W-BM GR, MID-WAY SPLICE FLARED TERMINAL  | 2.000<br>EA                    | _____      | <br>_____ | _____      | <br>_____ |
| 0760                 | 606.1306<br>31" W-BM GR, MID-WAY SPLICE TANGENT TERMINAL | 1.000<br>EA                    | _____      | <br>_____ | _____      | <br>_____ |
| 0770                 | 606.1307<br>BRIDGE TRANSITION (ASYMMETRICAL) - TYPE 1    | 4.000<br>EA                    | _____      | <br>_____ | _____      | <br>_____ |
| 0780                 | 606.265<br>TERMINAL END - SINGLE RAIL - GALVANIZED STEEL | 3.000<br>EA                    | _____      | <br>_____ | _____      | <br>_____ |
| 0790                 | 606.353<br>REFLECTORIZED FLEXIBLE GUARDRAIL MARKER       | 7.000<br>EA                    | _____      | <br>_____ | _____      | <br>_____ |

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|----------------------|--|--------------------------------|------------|-----------|------------|-----------|
|                      |  |                                | Dollars    | Cents     | Dollars    | Cents     |
| 0800                 | 606.36<br>GUARDRAIL REMOVED AND RESET        | 180.000<br>LF                  | _____      | <br>_____ | _____      | <br>_____ |
| 0810                 | 607.183<br>CHAIN LINK SNOW FENCE 33 INCH     | LUMP SUM                       | LUMP SUM   |           | _____      | <br>_____ |
| 0820                 | 607.25<br>REMOVE AND RESET CHAIN LINK FENCE  | 155.000<br>LF                  | _____      | <br>_____ | _____      | <br>_____ |
| 0830                 | 608.08<br>REINFORCED CONCRETE SIDEWALK       | 3.000<br>SY                    | _____      | <br>_____ | _____      | <br>_____ |
| 0840                 | 608.26<br>CURB RAMP DETECTABLE WARNING FIELD | 15.000<br>SF                   | _____      | <br>_____ | _____      | <br>_____ |
| 0850                 | 609.238<br>TERMINAL CURB TYPE 1 - 8 FOOT     | 1.000<br>EA                    | _____      | <br>_____ | _____      | <br>_____ |
| 0860                 | 609.31<br>CURB TYPE 3                        | 455.000<br>LF                  | _____      | <br>_____ | _____      | <br>_____ |
| 0870                 | 610.16<br>HEAVY RIPRAP                       | 800.000<br>CY                  | _____      | <br>_____ | _____      | <br>_____ |
| 0880                 | 610.18<br>STONE DITCH PROTECTION             | 30.000<br>CY                   | _____      | <br>_____ | _____      | <br>_____ |
| 0890                 | 613.319<br>EROSION CONTROL BLANKET           | 1,550.000<br>SY                | _____      | <br>_____ | _____      | <br>_____ |
| 0900                 | 615.07<br>LOAM                               | 88.000<br>CY                   | _____      | <br>_____ | _____      | <br>_____ |
| 0910                 | 618.14<br>SEEDING METHOD NUMBER 2            | 15.000<br>UN                   | _____      | <br>_____ | _____      | <br>_____ |
| 0920                 | 619.12<br>MULCH                              | 15.000<br>UN                   | _____      | <br>_____ | _____      | <br>_____ |

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|----------------------|---|--------------------------------|------------|-----------|------------|-----------|
|                      |   |                                | Dollars    | Cents     | Dollars    | Cents     |
| 0930                 | 619.14<br>EROSION CONTROL MIX   | 88.000<br>CY                   | _____      | <br>_____ | _____      | <br>_____ |
| 0940                 | 620.50<br>EROSION CONTROL FILTER LAYER                                    | 210.000<br>SY                  | _____      | <br>_____ | _____      | <br>_____ |
| 0950                 | 620.58<br>EROSION CONTROL GEOTEXTILE                                      | 580.000<br>SY                  | _____      | <br>_____ | _____      | <br>_____ |
| 0960                 | 620.66<br>DRAINAGE GEOCOMPOSITE   | 93.000<br>SY                   | _____      | <br>_____ | _____      | <br>_____ |
| 0970                 | 627.18<br>12 " SOLID WHITE PAVEMENT MARKING                               | 73.000<br>LF                   | _____      | <br>_____ | _____      | <br>_____ |
| 0980                 | 627.733<br>4" WHITE OR YELLOW PAINTED PAVEMENT MARKING LINE               | 3,125.000<br>LF                | _____      | <br>_____ | _____      | <br>_____ |
| 0990                 | 627.77<br>REMOVING PAVEMENT MARKINGS                                      | 195.000<br>SF                  | _____      | <br>_____ | _____      | <br>_____ |
| 1000                 | 627.78<br>TEMPORARY 4 INCH PAINTED PAVEMENT MARKING LINE, WHITE OR YELLOW | 900.000<br>LF                  | _____      | <br>_____ | _____      | <br>_____ |
| 1010                 | 629.05<br>HAND LABOR, STRAIGHT TIME                                       | 140.000<br>HR                  | _____      | <br>_____ | _____      | <br>_____ |
| 1020                 | 631.10<br>AIR COMPRESSOR (INCLUDING OPERATOR)                             | 10.000<br>HR                   | _____      | <br>_____ | _____      | <br>_____ |
| 1030                 | 631.11<br>AIR TOOL (INCLUDING OPERATOR)                                   | 10.000<br>HR                   | _____      | <br>_____ | _____      | <br>_____ |
| 1040                 | 631.12<br>ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)                      | 30.000<br>HR                   | _____      | <br>_____ | _____      | <br>_____ |

Maine Department of Transportation

Proposal Schedule of Items

Proposal ID: 021723.00

Project(s): 021723.00, 022600.00

SECTION: 1 Project Items

Alt Set ID: Alt Mbr ID:

Contractor: \_\_\_\_\_

| Proposal Line Number | Item ID Description   | Approximate Quantity and Units | Unit Price |              | Bid Amount |           |
|----------------------|---|--------------------------------|------------|--------------|------------|-----------|
|                      |   |                                | Dollars    | Cents        | Dollars    | Cents     |
| 1050                 | 631.172<br>TRUCK - LARGE (INCLUDING OPERATOR)                         | 30.000<br>HR                   | _____      | <br>_____    | _____      | <br>_____ |
| 1060                 | 639.18<br>FIELD OFFICE TYPE A   | 1.000<br>EA                    | _____      | <br>_____    | _____      | <br>_____ |
| 1070                 | 643.72<br>TEMPORARY TRAFFIC SIGNAL                                    | LUMP SUM                       |            | <br>LUMP SUM | _____      | <br>_____ |
| 1080                 | 643.72<br>TEMPORARY TRAFFIC SIGNAL Lunt Road                          | LUMP SUM                       |            | <br>LUMP SUM | _____      | <br>_____ |
| 1090                 | 643.80<br>TRAFFIC SIGNALS AT Bucknam Road, Legion Road, I-295 NB Ramp | LUMP SUM                       |            | <br>LUMP SUM | _____      | <br>_____ |
| 1100                 | 645.251<br>ROADSIDE GUIDE SIGNS, TYPE I                               | 5.000<br>SF                    | _____      | <br>_____    | _____      | <br>_____ |
| 1110                 | 652.30<br>FLASHING ARROW BOARD  | 4.000<br>EA                    | _____      | <br>_____    | _____      | <br>_____ |
| 1120                 | 652.312<br>TYPE III BARRICADE   | 18.000<br>EA                   | _____      | <br>_____    | _____      | <br>_____ |
| 1130                 | 652.33<br>DRUM  | 150.000<br>EA                  | _____      | <br>_____    | _____      | <br>_____ |
| 1140                 | 652.34<br>CONE  | 50.000<br>EA                   | _____      | <br>_____    | _____      | <br>_____ |
| 1150                 | 652.35<br>CONSTRUCTION SIGNS  | 1,900.000<br>SF                | _____      | <br>_____    | _____      | <br>_____ |
| 1160                 | 652.361<br>MAINTENANCE OF TRAFFIC CONTROL DEVICES                     | LUMP SUM                       |            | <br>LUMP SUM | _____      | <br>_____ |

Maine Department of Transportation

Proposal Schedule of Items

Proposal ID: 021723.00

Project(s): 021723.00, 022600.00

SECTION: 1 Project Items

Alt Set ID: Alt Mbr ID:

Contractor: \_\_\_\_\_

| Proposal Line Number | Item ID Description  | Approximate Quantity and Units | Unit Price        |              | Bid Amount |           |
|----------------------|--|--------------------------------|-------------------|--------------|------------|-----------|
|                      |  |                                | Dollars           | Cents        | Dollars    | Cents     |
| 1170                 | 652.38<br>FLAGGER  | 280.000<br>HR                  | _____             | <br>_____    | _____      | <br>_____ |
| 1180                 | 652.381<br>TRAFFIC OFFICER                                   | 328.000<br>HR                  | _____             | <br>_____    | _____      | <br>_____ |
| 1190                 | 652.41<br>PORTABLE CHANGEABLE MESSAGE SIGN                   | 11.000<br>EA                   | _____             | <br>_____    | _____      | <br>_____ |
| 1200                 | 656.75<br>TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL | LUMP SUM                       |                   | <br>LUMP SUM | _____      | <br>_____ |
| 1210                 | 659.10<br>MOBILIZATION                                       | LUMP SUM                       |                   | <br>LUMP SUM | _____      | <br>_____ |
| <b>Section: 1</b>    |  |                                | <b>Total:</b>     |              | _____      | <br>_____ |
|                      |  |                                | <b>Total Bid:</b> |              | _____      | <br>_____ |

**SPECIAL PROVISION**  
**SECTION 107**  
**TIME**  
(Work Times)  
(Supplemental Liquidated Damages)

The following requirements apply to all work in this Contract:

107.3.1 General Add the following to this section:

The Contractor shall be permitted limited single lane and full closures of I-295 to perform specific work activities that cannot be completed over live traffic. A minimum of four lanes on I-295 (two in each direction – NB/SB) shall remain open at all times, except as specified herein.

Portions of the interstate previously closed to traffic shall be cleaned of all demolition debris and all other construction materials prior to reopening that portion of the interstate, as approved by the Resident.

The Contractor shall provide weekly updates to the Resident Engineer so the Department, Town of Falmouth and City of Portland can update the public on construction activities. Payment shall be incidental to the Contract.

*Reduced Shoulders on I-295:*

The Contractor is permitted to install temporary concrete barrier within the shoulders on I-295 in order to create a protected work zone at the median pier (existing pier no. 2) and at the shoulder piers (existing piers no. 1 & 3). The Contractor shall maintain a minimum of two 2 foot shoulders and two 12 foot travel lanes throughout construction, except as modified herein.

*Single Lane Closures on I-295:*

Single lane closures on I-295 northbound and/or southbound are only allowed Sunday through Thursday, between 10:00 PM and 5:00 AM the next morning. A maximum of 240 hours of single lane closures on I-295 are allowed without penalty. Single lane closures on the I-295 Northbound and I-295 Southbound roadways can occur concurrently however each lane closure will count toward the 240 total hours. For example, a lane closure of each of I-295 Northbound and I-295 Southbound for one hour will count as 2 hours.

These night time, single lane closures may be utilized for the following example construction activities, or as approved by the Resident:

- setting up the median work zone,
- installation/removal of temporary shielding,
- deck demolition,
- deck form removal.

During single lane closures a minimum of two 2 foot shoulders and one 12 foot travel lane shall be maintained in both directions on I-295.

Supplemental liquidated damages will be assessed as outlined below.

*Full Closures on I-295:*

Full closures on I-295 northbound (NB) and/or southbound (SB) are only permitted Monday through Friday, between 1:00 AM and 5:00 AM. These night time full closures on I-295 are permitted for construction activities that cannot be performed over live traffic on I-295. Examples of work activities for which full closures of I-295 NB and/or SB are permitted are as follows:

- installation/removal of temporary shielding,
- demolition of existing concrete deck and steel superstructure,
- erection of the proposed steel girders,
- and other construction activities as approved by the Resident.

A maximum of 80 hours of full closure on I-295 are allowed without penalty. The closure of the I-295 Northbound and I-295 Southbound roadways can occur concurrently however each closure will count toward the 80 total hours. For example, a closure of each of I-295 Northbound and I-295 Southbound for one hour will count as 2 hours.

In preparation for the full closure of I-295 NB/SB, the Contractor is permitted to utilize single lane closures in one or both directions on I-295 in order to stage equipment and/or materials in advance of the full closure. Use of these single lane closures to prepare for the full closure WILL count against the total single lane closure hours listed above.

A closure notification plan meeting the requirements of Standard Specification 104.4.10 must be included in the Traffic Control Plan. Closure periods shall be coordinated with other projects impacting traffic on I-295 such as the Bucknam Rd. crossing over I-295.

I-295 Single Lane and Full Closure Supplemental Liquidated Damages will be assessed as outlined below:

*Supplemental Liquidated Damages:*

Charges will be assessed for each lane of closure as follows:

|            |             |
|------------|-------------|
| \$500.00   | 5:00-5:15am |
| \$1,000.00 | 5:16-5:30am |
| \$2,000.00 | 5:31-5:45am |
| \$5,000.00 | 5:46-6:00am |

\*These charges will be accumulative in nature.

For example:

0-15 minutes = \$500.00

16-30 minutes \$500.00 + \$1,000.00 = \$1,500.00, and so on.

From 6 AM on, Supplemental Liquidated Damages will be assessed at \$10,000.00 per lane for each portion of a 15 minute time period.

I-295 Single Lane and Full Closures within the specified allowable time windows specified herein but in excess of the maximum number of total hours specified herein will be assessed Supplemental Liquidated Damages of \$500.00 per lane per hour.

*Partial Closure of the Lunt Road Bridge:*

The Contractor is permitted to partially close the Lunt Road bridge to construct the proposed bridge in stages. During the partial closure of the Lunt Road bridge, a minimum of one lane of alternating one-way traffic shall be maintained across the bridge. Alternating one-way traffic shall be controlled by temporary traffic signals in accordance with the Maintenance of Traffic plans. The partial closure of the Lunt Road bridge shall not begin until March 4, 2019.

Minimum lane widths on Lunt Road during staged construction of the bridge shall be as shown in the Contract Plans.

*Full Closure of the Lunt Road Bridge:*

The Contractor is permitted overnight full closures of the Lunt Road bridge without penalty for the following example construction activities, or as approved by the Resident:

- steel girder removal and erection,
- resetting and removal of temporary concrete barrier,
- and final surface paving.

Overnight closures of the Lunt Road bridge may only occur between 10:00 PM and 5:00 AM the following morning. A closure notification plan meeting the requirements of Standard Specification 104.4.10 shall be included in the Traffic Control Plan. The Contractor shall be assessed Supplemental Liquidated Damages at the rate of \$1,000 per hour, or any portion thereof, for complete closures of the Lunt Road bridge that remain in place outside the times listed above.

The Contractor shall plan the work such that the new bridge and approaches will be open to two-lanes of traffic on or before 11:59 PM on August 29, 2019. Open to traffic defined as:

- a. Bridge rail and transition barriers installed and accepted,
- b. The approaches having base pavement and either surface pavement or temporary pavement ramps at the bridge ends,
- c. Guardrail installed and accepted on both sides of the approach roadway,
- d. The temporary traffic signal deactivated.

The Contractor will be assessed supplemental liquidated damages at the rate of \$2,000.00 per Day for every Calendar Day the new bridge is not open to two lanes of traffic after August 29, 2019.

Assessment of supplemental liquidated damages will be in addition to liquidated damages specified in Section 107 of the Standard Specifications.

Falmouth  
Lunt Road Bridge  
WIN 21723.00  
September 6, 2018

The preceding supplemental liquidated damages shall be applied in addition to the traffic control plan violation penalties outlined in Standard Specification 652, Maintenance of Traffic, Section 652.8, Basis of Payment.

107.3.2 Night Work Add the following to this section:

Night work, including bridge and roadway closures, will only be permitted Sunday through Thursday. The Contractor shall not undertake Night Work on Friday and Saturday nights.

