



Paul R. LePage
GOVERNOR

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

David Bernhardt
COMMISSIONER

January 14, 2013
Subject: **Auburn**
Federal Project No: AC-BR-1928(400)X
State WIN: 019284.00
Amendment No. 3

Dear Sir/Ms:

Make the following changes to the Bid Documents:

In the Bid Book (pages 17 thru 25) **REMOVE** the "SCHEDULE OF ITEMS" 9 pages dated 121206 and **REPLACE** with the attached new "SCHEDULE OF ITEMS" 9 pages dated 1130114.

In the Bid Book (pages 49 and 50) "SPECIAL PROVISIONS, SECTION 104, Utilities", make the following **CHANGES** in pen and ink;

1. Under "AERIAL" (page 47), "Proposed Pole Locations" **CHANGE** station "108+30 +/-" to read "108+84 ±".
2. Under "RAILROAD" (page 50) **CHANGE** the first sentence to read as follows; "St. Lawrence & Atlantic Railroad is going to have a flagger for any work between station 105+00 to 107+50".

In the Bid Book (pages 71 and 72) **REMOVE** "SPECIAL PROVISION, SECTION 107, (Incentive/Disincentive, Supplemental Liquidated Damages, Contract Time)" 2 pages dated November 19, 2012 and **REPLACE** with the attached new "SPECIAL PROVISION, SECTION 107, (Incentive/Disincentive, Supplemental Liquidated Damages, Contract Time)" 2 pages dated January 11, 2013.

In the Bid Book (page 158) "SPECIAL PROVISION, SECTION 530, GLASS FIBER REINFORCED POLYMER" (page 5 of 5) make the following **CHANGES** in pen and ink;

1. Under "530.09 Method of Measurement", **DELETE** the words "linear feet reinforcement authorized" and **REPLACE** with "lump sum";
2. Make the following changes under "Payment will be made under:"

Change item 530.30 to read as follows;

"530.32 Glass Fiber Reinforced Polymer, Lump Sum"
Fabricated and Delivered;

Change item 530.31 to read as follows;

"530.33 Glass Fiber Reinforced Polymer, Lump Sum"
Placing



PRINTED ON RECYCLED PAPER

In the Bid Book (page 241) "SECTION 15189 PRE-INSULATED PIPE (Water & Sewer)", "PART 2 – PRODUCTS" under "C. Outer Jacket" **DELETE** items "2." and "3." And **REPLACE** with the following one item in pen and ink;

"2. Jacket outer diameter shall be sized to match the outside diameter of the pre-insulated HDPE and pre-insulated DI pipes."

In the Bid Book (page 244) "SPECIAL PROVISION SECTION 845 - STRUCTURAL STEEL UTILITY SUPPORT", "Installation", make the following **CHANGES** in pen and ink to "B. Spacing:"

1. **CHANGE** "1." To read as follows;

"1. Install hanger with roller support assemblies at Cross frame Types MR1 and MR2, as shown in the plans."

2. **CHANGE** "2." To read as follows;

"2. Maximum spacing of hangers and supports: 20'-0"

In the Plans, Sheet Number 2 of 42, "ESTIMATED QUANTITIES AND NOTES" make the following **CHANGES** in pen and ink TO the "ESTIMATED QUANTITIES";

1. Item 530.30 **CHANGE** to read as follows;

"530.32 GLASS FIBER REINFORCED POLYMER, FABRICATED AND DELIVERED – QUANTITY 1 – UNIT LS"

2. Item 530.31 **CHANGE** to read as follows;

"530.33 GLASS FIBER REINFORCED POLYMER, PLACING – QUANTITY 1 – UNIT LS"

3. Item 652.38 FLANGERS, **CHANGE** the ITEM DESCRIPTION from "FLANGERS" to read "**FLAGGERS**" and the QUANTITY from "300" HR to read "**600**" HR.

In the Plans, Sheet Number 37 of 42, "GFRP REINFORCING BAR SCHEDULE" **CHANGE** all instances of Type "S" bars to read Type "SL". Make this change in pen and ink.

The following questions have been received:

Question: Page 198 of the special provisions, is any additional bonding required to do the work for Auburn Water and Sewer?

Response: No additional bonding will be required beyond what is needed to construct the work for MaineDOT.

Question: Will Sundays count towards the specified durations for the incentive or disincentive?

Response: Yes, Sundays will count toward the specified durations.

Question: Why are precast deck panels not allowed?

Response: GFRP rebar is specified for both layers of reinforcement as part of the FHWA Highways for Life grant.

Question: GFRP reinforcing bars are measured by the linear foot. Can this be changed to account for different bar sizes?

Response: To account for possible alternative GFRP designs, the method of measurement for pay items 530.32 and 530.33 will be changed to Lump Sum; see amendment.

Question: Can the bid opening be extended one week?

Response: Yes, the bid opening was changed in the previous bid amendment.

Question: Will lane closures be allowed?

Response: Short term lane closures will be considered during off peak hours, see bid amendment and new Special Provision Section 107 (Incentive/Disincentive, supplemental liqu...)

Question: Is night time work allowed?

Response: Night work will not be allowed, see bid amendment and new Special Provision Section 107 (Incentive/Disincentive, supplemental liqu...)

Question: Can the Contractor obtain additional right-of-way on the Ramona Smith Property? Will the Department obtain the ROW?

Response: The Contractor may utilize the ROW provided as shown on the Right Of Way Map. The Contractor may use the land out to the limits, "EXISTING CONST. LIMIT LINE" and "TEMP. CONST. LIMITS". The Department deems the project constructible using the available ROW provided and will not acquire additional ROW for the Contractor. The Contractor may for his convenience negotiate with the property owner for additional rights.

Question: Can the overhead service lines to the Smith house be relocated?

Response: The connection to the building will not be relocated; CMP will reasonably accommodate the Contractor's operation and will install a new service pole to relocate overhead lines further away from the bridge.

Question: Is pile driving for the new abutment H piles considered in-water-work?

Response: No, this work is not considered in-water work.

Question: Is the utility work included as basis of award?

Response: Yes, utility items 827.362, 830.10, 830.13, 845.10 are all included as basis of award.

Question: Does the utility specification have information about bypassing?

Response: Auburn Water and Sewer intends to keep the water and sewer line active during bridge construction. Note, Auburn Water and Sewer will need access to their pump station during construction.

Comment: Auburn Water and Sewer may approach the contractor to remove the downstream trolley bridge.

Response: The Department has made a commitment to not impact the trolley bridge during construction. Removal of the trolley bridge would have to occur after the MaineDOT project is complete.

Question: Will the surface pavement be placed when there is traffic on the bridge?

Response: During the prebid meeting the Department stated the Contractor had to open the bridge to traffic onto base pavement and surface pavement may be placed after the bridge was open to traffic. The Department has changed its position and has modified Special Provision Section 107 (Incentive/Disincentive); see the bid amendment. The Contractor is required to open the bridge to traffic with all roadway paving complete.

Question: Has the utilities given the Department estimated durations for how it will take them to perform the approach work?

Response: Yes, the durations are provided in Special Provision Section 104 Utilities.

Question: Does the city have a noise ordinance?

Response: Yes, the city has local ordinances that need to be complied with. The Contractors allowed work hours have been defined in the new Special Provision Section 107 (Incentive/Disincentive, supplemental liqu...), please see the bid amendment.

Question: Can school bus routes be affected in the Fall of 2013?

Response: The road closure may extend into the Fall and affect bus routes for the 2013/2014 school year. The Contractor shall provide the City with an updated construction schedule throughout the project.

Consider these changes and information prior to submitting your bid on **January 23,** 2013.

Sincerely,



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

MAINE DEPARTMENT OF TRANSPORTATION

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SCHEDULE OF ITEMS

DATE: 130114

REVISED:

CONTRACT ID: 019284.00

PROJECT(S): AC-BR-1928(400)X

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS

SECTION 0001 PROJECT ITEMS

0010	201.23 REMOVING SINGLE TREE TOP ONLY	EA	2.000			
0020	201.24 REMOVING STUMP	EA	2.000			
0030	202.10 REMOVING EXISTING SUPERSTRUCTURE (PROPERTY OF CONTRACTOR)	LUMP	LUMP			
0040	202.121 REMOVING EXISTING CONCRETE	LUMP	LUMP			
0050	202.15 REMOVING MANHOLE OR CATCH BASIN	EA	1.000			
0060	203.20 COMMON EXCAVATION	CY	920.000			
0070	203.25 GRANULAR BORROW	CY	660.000			
0080	203.61 CONSTRUCT TEMPORARY ACCESS ROAD AND REMOVAL	LUMP	LUMP			
0090	206.082 STRUCTURAL EARTH EXCAVATION - MAJOR STRUCTURES	CY	1300.000			
0100	304.09 AGGREGATE BASE COURSE - CRUSHED	CY	650.000			

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			DOLLARS	CTS	DOLLARS	CTS
0110	304.10 AGGREGATE SUBBASE COURSE - GRAVEL	CY 640.000				
0120	403.207 HOT MIX ASPHALT 19.0 MM HMA	T 350.000				
0130	403.208 HOT MIX ASPHALT 12.5 MM HMA SURFACE	T 200.000				
0140	403.213 HOT MIX ASPHALT 12.5 MM BASE	T 180.000				
0150	409.15 BITUMINOUS TACK COAT - APPLIED	G 11.000				
0160	501.231 DYNAMIC LOADING TEST	EA 2.000				
0170	501.48 STEEL H-BEAM PILES 74 LBS/FT, DELIVERED	LF 570.000				
0180	501.481 STEEL H-BEAM PILES 74 LBS/FT, IN PLACE	LF 570.000				
0190	501.90 PILE TIPS	EA 12.000				
0200	501.903 PILE TIPS - ROCK INJECTOR POINT	EA 12.000				
0210	501.92 PILE DRIVING EQUIPMENT MOBILIZATION	LUMP	LUMP			

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			DOLLARS	CTS	DOLLARS	CTS
0220	502.21 STRUCTURAL CONCRETE, ABUTMENTS AND RETAINING WALLS	CY 28.000				
0230	502.26 STRUCTURAL CONCRETE ROADWAY AND SIDEWALK SLABS ON STEEL BRIDGES	LUMP	LUMP			
0240	502.49 STRUCTURAL CONCRETE CURBS AND SIDEWALKS	LUMP	LUMP			
0250	504.702 STRUCTURAL STEEL FABRICATED AND DELIVERED, WELDED	LUMP	LUMP			
0260	504.71 STRUCTURAL STEEL ERECTION	LUMP	LUMP			
0270	505.08 SHEAR CONNECTORS	LUMP	LUMP			
0280	507.0834 WYOMING STEEL BRIDGE RAILING	LUMP	LUMP			
0290	508.13 SHEET WATERPROOFING MEMBRANE	LUMP	LUMP			
0300	512.081 FRENCH DRAINS	LUMP	LUMP			
0310	514.06 CURING BOX FOR CONCRETE CYLINDERS	EA 1.000				

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			DOLLARS	CTS	DOLLARS	CTS
0320	515.20 PROTECTIVE COATING FOR CONCRETE SURFACES	SY 960.000				
0330	518.60 REPAIR OF VERTICAL SURFACES < 7.9 IN.	SF 110.000				
0340	518.61 REPAIR OF VERTICAL SURFACES > 7.9 IN.	CY 1.000				
0350	520.232 EXPANSION DEVICE - ASPHALTIC PLUG JOINT	LF 68.000				
0360	523.52 BEARING INSTALLATION	EA 8.000				
0370	523.5401 LAMINATED ELASTOMERIC BEARINGS, FIXED	EA 4.000				
0380	523.5402 LAMINATED ELASTOMERIC BEARINGS, EXPANSION	EA 4.000				
0390	524.301 TEMPORARY STRUCTURAL SUPPORT	LUMP	LUMP			
0400	526.301 TEMPORARY CONCRETE BARRIER TYPE I	LUMP	LUMP			
0410	526.3401 PERMANENT CONCRETE TRANSITION BARRIER - MODIFIED	EA 4.000				
0420	530.32 GLASS FIBER REINFORCING POLYMER FABRICATED & DELIVERED	LUMP	LUMP			

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			DOLLARS	CTS	DOLLARS	CTS
0430	530.33 GLASS FIBER REINFORCING POLYMER PLACING	LUMP	LUMP			
0440	534.76 PRECAST ABUTMENT	LUMP	LUMP			
0450	534.7601 PRECAST APPROACH SLAB	LUMP	LUMP			
0460	603.179 18 INCH CULVERT PIPE OPTION III	LF 30.000				
0470	603.199 24 INCH CULVERT PIPE OPTION III	LF 17.000				
0480	604.092 CATCH BASIN TYPE B1-C	EA 5.000				
0490	604.15 MANHOLE	EA 1.000				
0500	605.11 12 INCH UNDERDRAIN TYPE C	LF 200.000				
0510	605.15 24 INCH UNDERDRAIN TYPE C	LF 81.000				
0520	606.1721 BRIDGE TRANSITION - TYPE 1	EA 4.000				
0530	606.23 GUARDRAIL TYPE 3C - SINGLE RAIL	LF 300.000				

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			DOLLARS	CTS	DOLLARS	CTS
0540	606.231 GUARDRAIL TYPE 3C - 15 FOOT RADIUS AND LESS	19.000 LF				
0550	606.2602 TERMINAL END - TRAILING END	1.000 EA				
0560	606.353 REFLECTORIZED FLEXIBLE GUARDRAIL MARKER	8.000 EA				
0570	606.79 GUARDRAIL 350 FLARED TERMINAL	3.000 EA				
0580	609.31 CURB TYPE 3	240.000 LF				
0590	610.08 PLAIN RIPRAP	820.000 CY				
0600	613.319 EROSION CONTROL BLANKET	560.000 SY				
0610	615.07 LOAM	58.000 CY				
0620	618.1301 SEEDING METHOD NUMBER 1 - PLAN QUANTITY	2.500 UN				
0630	618.1401 SEEDING METHOD NUMBER 2 - PLAN QUANTITY	1.500 UN				
0640	618.1411 SEEDING METHOD NUMBER 3 - PLAN QUANTITY	3.000 UN				

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			DOLLARS	CTS	DOLLARS	CTS
0650	619.1201 MULCH - PLAN QUANTITY	UN 6.500				
0660	619.1401 EROSION CONTROL MIX	CY 51.000				
0670	620.58 EROSION CONTROL GEOTEXTILE	SY 760.000				
0680	621.246 LARGE DECIDUOUS TREES (3 FOOT - 4 FOOT) GROUP A	EA 15.000				
0690	621.248 LARGE DECIDUOUS TREES (5 FOOT - 6 FOOT) GROUP A	EA 10.000				
0700	621.255 LARGE DECIDUOUS TREES (8 FOOT - 10 FOOT) GROUP A	EA 3.000				
0710	621.54 DECIDUOUS SHRUBS (18 INCH - 24 INCH) GROUP A	EA 10.000				
0720	627.733 4" WHITE OR YELLOW PAINTED PAVEMENT MARKING LINE	LF 1950.000				
0730	627.75 WHITE OR YELLOW PAVEMENT & CURB MARKING	SF 8.500				
0740	629.05 HAND LABOR, STRAIGHT TIME	HR 20.000				
0750	631.12 ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)	HR 20.000				

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0760	631.171 TRUCK - SMALL (INCLUDING OPERATOR)	HR 20.000				
0770	631.172 TRUCK - LARGE (INCLUDING OPERATOR)	HR 20.000				
0780	631.22 FRONT END LOADER (INCLUDING OPERATOR)	HR 20.000				
0790	635.14 PREFABRICATED CONCRETE MODULAR GRAVITY WALL	SF 390.000				
0800	639.19 FIELD OFFICE TYPE B	EA 1.000				
0810	645.106 DEMOUNT REGULATORY, WARNING, CONFIRMATION AND ROUTE MARKER ASSEMBLY SIGN	EA 1.000				
0820	645.116 REINSTALL REGULATORY, WARNING, CONFIRMATION AND ROUTE MARKER ASSEMBLY SIGN	EA 1.000				
0830	652.312 TYPE III BARRICADE	EA 5.000				
0840	652.33 DRUM	EA 50.000				
0850	652.34 CONE	EA 50.000				

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			DOLLARS	CTS	DOLLARS	CTS
0860	652.35 CONSTRUCTION SIGNS	SF 630.000				
0870	652.361 MAINTENANCE OF TRAFFIC CONTROL DEVICES	LUMP	LUMP			
0880	652.38 FLAGGER	HR 600.000				
0890	656.75 TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL	LUMP	LUMP			
0900	659.10 MOBILIZATION	LUMP	LUMP			
0910	827.362 GAS MAIN TRENCHING	LF 320.000				
0920	830.10 WATER MAIN BRIDGE CROSSING	LUMP	LUMP			
0930	830.13 SEWER MAIN BRIDGE CROSSING	LUMP	LUMP			
0940	845.10 STRUCTURAL STEEL UTILITY SUPPORT	LUMP	LUMP			
	SECTION 0001 TOTAL					
	TOTAL BID					

SPECIAL PROVISION
SECTION 107
(Incentive/Disincentive, Supplemental Liquidated Damages, Contract Time)

SUPPLEMENTAL DEFINITIONS

Phase #1 This phase of the project begins when two, 11 foot wide travel lanes are not open to traffic, excluding any allowed short term lane closures.

Phase #1 will be considered complete when: the existing bridge is removed as shown on the Plans; the new pile supported abutments and wingwalls are installed; the new bridge superstructure is moved into its final position resting solely on the new abutments; the bridge rail and transition barriers are installed; and the work site is clear and available for use by the utility companies, with access unimpeded by the Contractor or its subcontractors.

Phase #2 This phase of the project begins at the completion of Phase #1 as defined above with the road still closed to traffic, and continues until the third-party utility relocations are complete (including utility acceptance testing), and as determined by the Resident.

Phase #3 This phase of the project begins at the completion of Phase #2 and continues until the point at which two, 11 foot wide travel lanes are open to traffic with all Roadway pavement complete including base and surface pavement. The Resident shall be the sole authority in determining when Phase #3 is complete.

No-Excuse Award Bonus A financial incentive provision tied to accelerated completion of construction activities, construction phases or major milestones, within a pre-determined time period, where the Contractor assumes all risks for completion and waives any right to claim.

INCENTIVE/DISINCENTIVE FOR EARLY OR LATE COMPLETION

Work Time Periods. The duration of Phase #1 shall not exceed a total of twenty-five (25) Days. During Phase #1 the existing bridge may be reopened to two 11 foot wide lanes of traffic after the completion of certain construction activities. Once the existing bridge is removed, the roadway shall not be reopened to traffic until Phase #3 is complete.

Each Day or portion of a Day that two 11 foot wide travel lanes are not open to traffic, excluding any allowed short term lane closures, will be counted against the twenty-five (25) Day duration for Phase #1.

Phase #1 shall not begin prior to June 16, 2013 to limit the impact on school bus routes. The Contractor will be able to close the road prior to this date if the work is coordinated when school is not in session.

The duration of the Phase #3 portion of the Work shall not exceed four (4) consecutive Days.

Early Completion Incentives. The Contractor will be paid a \$7,500 incentive for each complete Day that Phase #1 is completed early. In addition, the Contractor will be paid a single No-Excuse Award Bonus of \$40,000 if Phase #2 and Phase #3 are completed within fifteen (15) consecutive Days or less.

Late Completion Disincentives. The Contractor will be assessed a \$7,500 disincentive for each Day or portion of a Day that Phase #1 is completed after the allowed twenty-five (25) Day duration. In addition, the Contractor will be assessed a \$7,500 disincentive for each Day or portion of a Day that Phase #3 is completed after the allowed four (4) Day duration. These disincentives will be deducted from any monies due or to become due to the Contractor.

Maximum Total Contract Incentives/Disincentive. The maximum combined monetary incentive, including any No-Excuse Award Bonus is capped at \$100,000 for this contract. There is no upper limit to the dollar amount of the disincentive assessments.

Sunday Work. Sunday work will be allowed between the start of Phase #1 and up to the completion of Phase #3.

Work Hours and Night work: The Contractor may work from 6:00 am to 7:00 pm daily. With permission from the City of Auburn and Resident, the Contractor may extend the work hours up until 30 minutes after sunset. Night work is not approved for this project.

Short Term Lane Closures: Short term lane closures will be considered for approval by the Resident for delivery of materials. No short term lane closures will be allowed from 7:00 am to 9:00 am and from 3:00 pm to 6:00 pm.