

December 21, 2012
Subject: **Rangeley Branch Rail Restoration**
State WIN: 017936.00
Amendment No. 4

Dear Sir/Ms:

Make the following change(s) to the Bid Documents:

ADDITIONS:

In the Bid Documents, **ADD** SP 648, Ballast, attached hereto. Make this change in pen and ink.

CHANGES:

Change Addendum #2: Notice To Contractors, paragraph 1, first sentence, beginning with "Sealed bids addressed....." delete December 19, 2012, and January 3, 2013, and replace with **January 16, 2013**. Make this change in pen and ink.

In the Bid Documents (pages 11 thru 16), **REMOVE** the "SCHEDULE OF BID PRICES" six pages dated November 20, 2012 and **REPLACE** with the attached new "SCHEDULE OF BID PRICES" six pages dated December 19, 2012. Make this change in pen and ink.

In the Bid Documents, Section 647, Railroad Track Construction (pages 81 thru 93), **REMOVE** the word "ballast" from all descriptions of the materials furnished by the Railroad. Ballast is now a Contractor-supplied pay item, in accordance with the changes and responses identified in this Amendment. Make this change in pen and ink.

In Addendum #2 on Page 2, **REPLACE** the response to the question concerning the concrete pipe tie quantity with the following: "The Concrete Pipe Tie quantity has been revised to reflect that the 96-inch pipe and the 24-inch pipe will be supplied in 8-ft sections, and that only two ties per joint are now required for the 24-inch diameter pipe; therefore, the quantity shown in the revised SCHEDULE OF BID PRICES is as follows:

- 96-inch dia. pipe (9 pcs): 8 joints x 3 ties/joint = 24 ties
- 24-inch dia. pipe (6 pcs): 5 joints x 2 ties/joints = 10 ties

In Addendum #3 on Page 1, **REPLACE** the response to the first question concerning bidder qualifications with the following: "Either an earthwork contractor or a railroad contractor could submit a bid as the prime contractor. Per the MaineDOT Standard Specifications, "The Contractor shall perform at least 30% of the value of the Work with its own Work force, excluding any percentage performed by Disadvantaged Business Enterprises in satisfaction of specific Contract goals (if any)." If an earthwork contractor were to bid as the prime contractor, they will need to be prequalified by the MaineDOT prior to construction award. If a rail

contractor were to bid as the prime contractor, they must show successful involvement in a project with a budget of at least \$1 million within the past 8 years.” Make this change in pen and ink.

QUESTIONS:

The following questions have been received:

Question: The RCP is being delivered in 8-foot lengths. Can the pipe tie quantity be adjusted accordingly? Since the installation and material costs will be greatly different for each size, can you split the item into two bid items?

Response: Pay Item 504.069, Concrete Pipe Ties, will be eliminated and replaced with Pay Item 504.0691, Concrete Pipe Ties for 24-Inch RCP and Pay Item 504.0692, Concrete Pipe Ties for 96-Inch RCP. The new quantities will reflect 8-foot pipe lengths for both the 24-inch and 96-inch RCP pipes. Refer to the CHANGES to the Bid Documents noted above for the new quantities shown in the “SCHEDULE OF BID PRICES”.

Question: I would like that the 24-inch RCP is small enough in diameter to do to the MaineDOT Standard Detail of 2 each per joint. Will this be acceptable?

Response: Pay Item 504.069 Concrete Pipe Ties will be eliminated and replaced with the Pay Item 504.0691, Concrete Pipe Ties for 24-Inch RCP. The new quantity will reflect two concrete pipe ties per joint for the 24-inch diameter pipe. Refer to the changes to the Bid Documents noted above for the new quantity shown in the “SCHEDULE OF BID PRICES”.

Question: Based upon my take off, the total clearing is far greater than the 2 acres estimated. The 2 acres appear to be accurate for the work described within the detailed design area. The limited design area is approximately 4,250 ft. If the clearing width was 10 ft either side of the track (Inslope area only) then this alone would be more than 2 acres. Can this be checked?

Response: The quantity for Item 201.11 Clearing has been revised to include areas within both the limited and detailed design sections. Refer to the changes to the Bid Documents noted above for the new “SCHEDULE OF BID PRICES”.

Question: Addendum #2 clarified the clearing limits in the limited design section to be in accordance with Note #2 on Sheet #5. Can you clarify what are the construction slope lines? Are these the toe of the Inslope and/or the back side of any ditch?

Response: Note #2 on Sheet #5 is a standard DOT note. The construction slope lines are defined as either the fill or cut lines as shown on the plans and per the legend on Sheet #13.

Question: The RCP Section on Sheet #10 and the related notes on Sheet #9 indicate that the RCP needs to be filled with 3 ft of borrow and stone. Neither Sections 603 or 610

identifies this work as a pay item or as an incidental. Is pipe filling required and if so, how will it be paid?

Response: Per Note 3 on Sheet #9, the embedded portion of the proposed culvert shall have be filled with a minimum of 12 inches of stream stone on 24 inches of common borrow as directed by the Resident. Also, Note 2 on Sheet #10 indicates that river stone (boulders) shall be placed randomly within the stream bed and on along the stream banks. The quantity for Item 610.212 Stream Stone accounts for placement of the stone in both the culvert and stream bed. The quantity for Pay Item 203.24, Common Borrow, accounts for placing common borrow in the culvert.

Question: The addendum response to a grading and earthwork question with regards to the limited track design section stated that the track earthwork was incidental to pay items 654.02 New Ditch and 654.03 Inslope Construction. The limited track design length is 4,350 TF. Since there is no design in this area, how much ditch and/or Inslope work will be completed in this area so that we can properly allocated the incidental grading dollar value to these items? Should there be no ditch or Inslope work then no payment would be received as compensation for the grading or if the entire length requires ditches and inslopes the owner could overpay for the incidental grading work. Can further clarification be provided? Potentially a separate pay item could be created that would allow each bidder to determine the quantity of grading, assess the risks and provide a unit price or lump sum value.

Response: Item 654.02 New Ditch Construction and Item 654.03 Inslope Construction have been estimated by unit of Linear Foot with the final determination as directed by the Resident. The contractor shall be compensated for the actual length of each pay item. As noted in the Specifications, Section 654.10 Basis of Payment, New Ditch Construction shall include "removal and proper disposal of brush, debris and excavated soil" and Inslope Construction shall include "placement of common borrow to line grade as shown on plans".

Question: Addendum #1 stated that "The intent is to either use excavated materials or find a location for the excess material onsite." Based upon the earthwork summary, there is approximately 8,000 CY of waste. If this material can stay onsite, the owner would see a substantial reduction in the common excavation unit price. Can we get a definitive answer on whether this material will be placed onsite, and if so, where?

Response: Two areas have been identified for the storage of excess material onsite: approximately from Sta. 164+00 to Sta. 169+00 RT and Sta. 170+00 to Sta. 172+00 LT. Additional area may be available adjacent to West Hardscrabble Road near Station 63+00 of the LARR. The Contractor shall coordinate storage of this material with the Resident.

Question: It was mentioned in the pre-bid that the Ballast may be added to the Contract. If the specification requires a specific hardness/wear value, it will require five working days to process and complete the LA Abrasion wear test on our aggregate. Knowing this, we would request a bid date extension should the ballast be added to the contract so we can confirm our aggregates are suitable prior to submitting our bid.

Can you clarify whether ballast will be added to the contract and if a bid date extension will be provided?

Response: Ballast has been added to the contract as Pay Item 648.312. The bid date has been extended to January 16, 2013.

Consider these changes and information prior to submitting your bid on Wednesday, January 16, 2013.

Sincerely,
Jennifer Williams, PE
Transportation Division / MPO Director

SPECIAL PROVISION
SECTION 648
BALLAST
(Ballast)

Description This work shall consist of furnishing, placing and shaping ballast to the lines and grades as shown on the plans.

MATERIALS

New ballast shall meet the requirements of AREMA Type 4A ballast.

CONSTRUCTION REQUIREMENTS

Method of Measurement Ballast shall be measured by the ton. Weigh slips shall be provided for each load delivered and incorporated into the project.

Basis of Payment Ballast shall be paid for by the ton in place and measured.

Payment will be made under:

<u>Pay Item</u>		<u>Pay Unit</u>
648.312	Ballast	Ton

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<u>Pay Item</u>	<u>Pay Unit</u>
648.312 Ballast	Ton

**SCHEDULE OF BID PRICES
 CONTRACT NO. WIN 17936.00
 Rangeley Branch Rail Restoration
 Poland and Auburn, Maine**

Item No	Item Description	Units	Approx. Quantities	Unit Prices in Numbers		Bid Amount in Numbers	
				Dollars	Cents	Dollars	Cents
201.11	CLEARING	Acre	4				
203.20	COMMON EXCAVATION	Cubic Yard	10,100				
203.21	ROCK EXCAVATION	Cubic Yard	50				
203.24	COMMON BORROW	Cubic Yard	50				
203.25	GRANULAR BORROW	Cubic Yard	3,950				
206.061	STRUCTURAL EARTH EXCAVATION - DRAINAGE MINOR STRUCTURES BELOW GRADE	Cubic Yard	50				
206.07	STRUCTURAL ROCK EXCAVATION - DRAINAGE & MINOR STRUCTURES	Cubic Yard	50				
209.291	PREFABRICATED VERTICAL DRAINS	Linear Foot	44,000				
504.0691	CONCRETE PIPE TIES FOR 24" RCP	Each	10				
504.0692	CONCRETE PIPE TIES FOR 96" RCP	Each	24				
603.1952	24" REINFORCED CONCRETE PIPE, CLASS V	Linear Foot	80				

CARRIED FORWARD:

Item No	Item Description	Units	Approx. Quantities	Unit Prices in Numbers		Bid Amount in Numbers	
				Dollars	Cents	Dollars	Cents
BROUGHT FORWARD:							
603.2892	96" REINFORCED CONCRETE PIPE, CLASS V	Linear Foot	72				
607.17	CHAIN LINK FENCE - 6 FT.	Linear Foot	300				
607.34	BRACING ASSEMBLY - CHAIN LINK FENCE	Each	6				
610.08	PLAIN RIPRAP	Cubic Yard	435				
610.21	RIVER STONES	Cubic Yard	3				
610.212	STREAM STONE	Cubic Yard	13				
613.319	EROSION CONTROL BLANKET	Square Yard	4,250				
613.40	TURF REINFORCEMENT MAT (TRM)	Square Yard	55				
615.07	LOAM	Cubic Yard	680				
618.1411	SEEDING METHOD NUMBER 3 - PLAN QUANTITY	Unit	105				
618.143	SPECIAL SEED MIX: WETLAND SEED MIX	Unit	5				
618.15	TEMPORARY SEEDING	Unit	28				

CARRIED FORWARD:

Item No	Item Description	Units	Approx. Quantities	Unit Prices in Numbers		Bid Amount in Numbers	
				Dollars	Cents	Dollars	Cents
BROUGHT FORWARD:							
619.1201	MULCH, PLAN QUANTITY	Unit	110				
619.1401	EROSION CONTROL MIX	Cubic Yard	50				
620.54	STABILIZATION/REINFORCEMENT GEOTEXTILE	Square Yard	900				
620.58	EROSION CONTROL GEOTEXTILE	Square Yard	865				
621.121	DECIDUOUS TREES, (5'-6') GROUP B	Each	35				
621.122	DECIDUOUS TREES, (5'-6') GROUP C	Each	22				
621.54	SMALL DECIDUOUS SHRUBS, (18"-24") GROUP A	Each	62				
621.541	DECIDUOUS SHRUBS, (18"-24") GROUP B	Each	26				
621.80	ESTABLISHMENT PERIOD - TWO YEAR	Lump Sum	1				
629.05	HAND LABOR, STRAIGHT TIME	Hour	75				
631.12	ALL-PURPOSE EXCAVATOR (INCLUDING OPERATOR)	Hour	60				
631.13	BULLDOZER (INCLUDING OPERATOR)	Hour	30				

CARRIED FORWARD:

Item No	Item Description	Units	Approx. Quantities	Unit Prices in Numbers		Bid Amount in Numbers	
				Dollars	Cents	Dollars	Cents
BROUGHT FORWARD:							
631.172	TRUCK-LARGE (INCLUDING OPERATOR)	Hour	60				
631.18	CHAIN SAW RENTAL(INCLUDING OPERATOR)	Hour	15				
631.20	STUMP CHIPPER RENTAL(INCLUDING OPERATOR)	Hour	15				
631.22	FRONT END LOADER (INCLUDING OPERATOR)	Hour	30				
631.32	CULVERT CLEANER (INCLUDING OPERATORS)	Hour	30				
639.19	FIELD OFFICE TYPE B	Each	1				
639.261	INSTRUMENTATION GEOTECHNICAL - SETTLEMENT PLATFORMS	Lump Sum	1				
647.01	NEW 115 RE TIMBER AND BALLASTED TRACK CONSTRUCTION	Track Feet	6,800				
647.02	NEW 100 ARA-A TIMBER AND BALLASTED TRACK CONSTRUCTION	Track Feet	320				
648.13	BOLTED INSULATED JOINTS	Each	2				
648.14	RAIL BONDING	Lump Sum	1				
648.312	BALLAST	Ton	5,100				

CARRIED FORWARD:

Item No	Item Description	Units	Approx. Quantities	Unit Prices in Numbers		Bid Amount in Numbers	
				Dollars	Cents	Dollars	Cents
BROUGHT FORWARD:							
648.313	SUBBALLAST	Ton	5,000				
648.411	SALVAGE RELAY CROSS TIES	Each	80				
648.53	REMOVE EXISTING TRACK - AT GRADE	Track Feet	260				
648.63	NEW BUMPING POST	Each	1				
648.73	REALIGN AND SURFACE EXISTING TRACK	Track Feet	600				
648.83	SURFACE EXISTING TRACK	Track Feet	350				
651.01	NEW 115 RE NUMBER 10 TURNOUT	Each	3				
652.33	DRUM	Each	30				
652.34	CONE	Each	30				
652.35	CONSTRUCTION SIGNS	Square Foot	100				
652.36	MAINTENANCE OF TRAFFIC CONTROL DEVICES	Day	240				
652.38	FLAGGERS (ROADWAY)	Hour	500				

CARRIED FORWARD:

Item No	Item Description	Units	Approx. Quantities	Unit Prices in Numbers		Bid Amount in Numbers	
				Dollars	Cents	Dollars	Cents
BROUGHT FORWARD:							
654.02	NEW DITCH CONSTRUCTION	Linear Foot	2,400				
654.03	INSLOPE CONSTRUCTION	Linear Foot	5,000				
656.75	TEMPORARY SOIL EROSION & WATER POLLUTION CONTROL	Lump Sum	1				
659.10	MOBILIZATION	Lump Sum	1				
TOTAL:							