



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

Paul R. LePage  
GOVERNOR

David Bernhardt  
COMMISSIONER

August 17, 2018  
Subject: Wharf Infill & Building  
Removal  
State WIN: 021942.06  
Location: **Portland**  
**Amendment No. 4**

Dear Sir/Ms.:

Please make the following changes to the Bid Documents:

In the Bid Book:

**REMOVE** Proposal Schedule of Items (from Amendment No. 3), 7 pages, dated 8/8/2018, and **REPLACE** with the attached, revised Proposal Schedule of Items (from Amendment No. 3), 8 pages, dated 8/17/2018.

**REMOVE** page 80, SPECIAL PROVISIONS – SECTION 502 – STRUCTURAL CONCRETE – (QC/QA Acceptance Methods), 1 page, dated May 18, 2018, and **REPLACE** with the attached, revised SPECIAL PROVISIONS – SECTION 502 – STRUCTURAL CONCRETE – (QC/QA Acceptance Methods), 1 page, dated August 17, 2018.

In SPECIAL SPECIFICATIONS – SECTION 634 – HIGHWAY LIGHTING, Section 634.01 Description (from Amendment No. 3), **REMOVE** Note 14, which begins “Relocation of the existing fire alarm...”, and **REPLACE** with “14. Provide new wiring connections for the six existing smoke detectors, the two existing manual pull stations, and the two existing notification appliances in the RUBB Building to the relocated fire alarm control panel.” Make this change in pen and ink.

In SPECIAL SPECIFICATIONS – SECTION 634 – HIGHWAY LIGHTING, Section 634.086 Fire Alarm System Modifications (from Amendment No. 3), **REMOVE** Note a., which begins “Provide a vented cabinet and heater...”, and **REPLACE** with “a. Provide a vented cabinet and heater with thermostat in the RUBB Building for the relocated fire alarm control panel. The cabinet shall be 36 inches High by 24 inches Wide by 10 inches Deep (nominal dimensions). Install the relocated fire alarm control panel where space permits. Coordinate the location of the relocated panel with the resident clerk prior to installation. Provide a 120V, 20A circuit for the heater from an existing spare 20A/1P circuit breaker in an adjacent electrical panel in the RUBB Building.” Make this change in pen and ink.

In SPECIAL SPECIFICATIONS – SECTION 634 – HIGHWAY LIGHTING, Section 634.086 Fire Alarm System Modifications (from Amendment No. 3), **REMOVE** Note c., which begins



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“Provide the replacement of existing...”, and **REPLACE** with “c. Provide new wiring connections for the six existing smoke detectors, the two existing manual pull stations, and the two existing notification appliances in the RUBB Building to the relocated fire alarm control panel.” Make this change in pen and ink.

**REMOVE** SPECIAL PROVISION - SECTION 832 - CONTRACTOR ALLOWANCES – (Allowances), 1 page, dated May 18, 2018 (from Amendment No. 1), and **REPLACE** with the attached, revised SPECIAL PROVISION - SECTION 832 - CONTRACTOR ALLOWANCES – (Allowances), 1 page, dated August 16, 2018.

The following questions have been received:

**Question:** What are the dimensions of enclosure needed to house the existing Fire Alarm Panel?

**Response:** Please see above changes to SPECIAL SPECIFICATIONS – SECTION 634 – HIGHWAY LIGHTING.

**Question:** What are the quantities and part numbers of the addressable fire alarm devices for the RUBB building?

**Response:** Please see above changes to SPECIAL SPECIFICATIONS – SECTION 634 – HIGHWAY LIGHTING.

**Question:** Where is the new location of the Fire Alarm panel in RUBB building?

**Response:** Please see above changes to SPECIAL SPECIFICATIONS – SECTION 634 – HIGHWAY LIGHTING.

**Question:** Where are the locations of existing loading slab and chassis yard devices, will conduit require re-work?

**Response:** Fire alarm pull stations west of the bridge toward the loading slab are located at: bridge pier; the security shack at the chassis yard sliding gate; and at the corner of the loading slab at the Beach Street intersection.

**Question:** Spec 202.03 paragraph 2 states the contractor has the option of dry cutting concrete slabs over tidal waters. However, on September 23, 2017, Osha updated Regulation 1926.1153 for responsible crystalline silica dust. These new standards require the use of concrete cutting saws equipped with integral water delivery systems that continuously feed water to the blade. Operating tools which do not minimize dust emissions is a clear violation of this standard. A saw cut joint is clearly required to join your new to existing. Please remove dry cutting and breaking from your list of available options.

**Response:** The Contractor shall follow the requirements of OSHA Regulation 1926.1153. Concrete cutting activities will require an integrated water delivery system that continuously feeds water to the blade. Along with this operation, the Contractor shall employ a wet-vac system to

collect the concrete slurry. Additionally, the regulation allows for concrete hoe-ramming (breaking) and concrete removal when the activity is performed using heavy equipment from an enclosed cab, which does not require water feed unless other employees are working alongside (see 1926.1153.c.1, Table 1, Row xvii). The Contractor's Demolition Plan shall clearly identify the proposed methods of concrete cutting and removal and demonstrate compliance with OSHA 1926.1153.

**Question:** Special Provision Section 832 states the method of measurement will be lump sum and the basis of payment will be at the lump sum values shown with the specification. Does that mean that these are fixed price bid items, not reimbursable items that will be paid on the basis of Actual Cost in accordance with force account set forth in section 109.7.5? If this is the case, what triggers payment of these bid items, and how and when will they get paid?

**Response:** See attached, revised SPECIAL PROVISION - SECTION 832 - CONTRACTOR ALLOWANCES – (Allowances) dated August 16, 2018.

**Question:** This project has over 1100 CY of Class A and LP concrete combined. Special Provision 502 QC/QA calls for all Method C testing (All penalty). To achieve the highest quality of concrete on this project for the Class A and LP, and share the risk with value added to the project, would the Department consider changing the Methods on this project to Method A or B, or a combination of both?

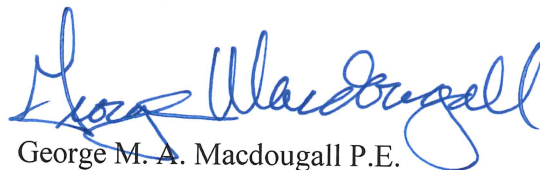
**Response:** See changes to the attached, revised SPECIAL PROVISIONS – SECTION 502 – STRUCTURAL CONCRETE – (QC/QA Acceptance Methods).

**Question:** Regards pre-stressed deck planks: Will 3/8 inch strand with equivalent area of pre-stressed strand be allowed in lieu of 1/2 inch strand? Concrete dimensions unchanged.

**Response:** Yes. Strand may be 3/8-inch diameter provided that an equivalent area is used which results in the same capacity as if the strand were 1/2-inch diameter.

Consider these changes and information prior to submitting your bid on **August 22, 2018**.

Sincerely,



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

8/17/2018

Maine Department of Transportation

Proposal Schedule of Items

Page 1 of 8

Proposal ID: 021942.06

Project(s): 021942.06

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	202.01 REMOVING STRUCTURES AND OBSTRUCTIONS - Concrete Curb & Bollards	LUMP SUM	LUMP	SUM	_____	_____
0020	202.01 REMOVING STRUCTURES AND OBSTRUCTIONS - Wharf Area, Ramp #3	LUMP SUM	LUMP	SUM	_____	_____
0030	202.08 REMOVING BUILDING NO.: - #1 Maintenance Building	LUMP SUM	LUMP	SUM	_____	_____
0040	202.14 REMOVING EXISTING RAILINGS (PROPERTY OF CONTRACTOR)	30.000 LF	_____	_____	_____	_____
0050	202.15 REMOVING MANHOLE OR CATCH BASIN	1.000 EA	_____	_____	_____	_____
0060	202.203 PAVEMENT BUTT JOINTS	49.000 SY	_____	_____	_____	_____
0070	202.4011 REMOVING EMBEDDED TIMBER PILE	20.000 EA	_____	_____	_____	_____
0080	203.20 COMMON EXCAVATION	800.000 CY	_____	_____	_____	_____
0090	203.2312 HEALTH AND SAFETY PLAN	LUMP SUM	LUMP	SUM	_____	_____
0100	304.104 AGGREGATE SUBBASE COURSE (PLAN QUANTITY)	290.000 CY	_____	_____	_____	_____
0110	304.14 AGGREGATE BASE COURSE - TYPE A	180.000 CY	_____	_____	_____	_____

## Maine Department of Transportation

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

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0120	403.2071 19 MM POLYMER MODIFIED HOT MIX ASPHALT	129.000 T	_____	 _____	_____	 _____
0130	403.2081 12.5 MM POLYMER MODIFIED HOT MIX ASPHALT	65.000 T	_____	 _____	_____	 _____
0140	403.209 HOT MIX ASPHALT 9.5 MM (SIDEWALKS, DRIVES, INCIDENTALS)	29.000 T	_____	 _____	_____	 _____
0150	409.15 BITUMINOUS TACK COAT - APPLIED	24.000 G	_____	 _____	_____	 _____
0160	419.30 SAW CUTTING BITUMINOUS PAVEMENT	315.000 LF	_____	 _____	_____	 _____
0170	501.231 DYNAMIC LOADING TEST	4.000 EA	_____	 _____	_____	 _____
0180	501.24 STEEL PIPE PILES	7,450.000 LF	_____	 _____	_____	 _____
0190	501.241 STEEL PIPE PILES - IN-PLACE	6,950.000 LF	_____	 _____	_____	 _____
0200	501.90 PILE TIPS	68.000 EA	_____	 _____	_____	 _____
0210	501.91 PILE SPLICES	17.000 EA	_____	 _____	_____	 _____
0220	501.92 PILE DRIVING EQUIPMENT MOBILIZATION	LUMP SUM	_____	 LUMP SUM	_____	 _____
0230	502.235 STRUCTURAL CONCRETE, PIER PILE CAP & EDGE BEAM	290.000 CY	_____	 _____	_____	 _____

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			Dollars	Cents	Dollars	Cents
0240	502.411 STRUCTURAL CONCRETE, PIER DECK SLAB	310.000 CY	_____	 _____	_____	 _____
0250	502.451 STRUCTURAL CONCRETE DISTRIBUTION SLAB - Approach Slab	130.000 CY	_____	 _____	_____	 _____
0260	502.607 STRUCTURAL CONCRETE, STORAGE PAD	LUMP SUM		 LUMP SUM	_____	 _____
0270	503.14 EPOXY-COATED REINFORCING STEEL, FABRICATED AND DELIVERED	150,000.000 LB	_____	 _____	_____	 _____
0280	503.15 EPOXY-COATED REINFORCING STEEL, PLACING	150,000.000 LB	_____	 _____	_____	 _____
0290	506.9106 FUSION BONDED EPOXY COATING	LUMP SUM		 LUMP SUM	_____	 _____
0300	514.06 CURING BOX FOR CONCRETE CYLINDERS	1.000 EA	_____	 _____	_____	 _____
0310	515.201 PIGMENTED CONCRETE PROTECTIVE COATING - Curbs & Edge Beams	2,100.000 SY	_____	 _____	_____	 _____
0320	515.202 PROTECTIVE COATING FOR CONCRETE SURFACES - SILANE SEALER - Decks	7,350.000 SY	_____	 _____	_____	 _____
0330	518.50 REPAIR OF UPWARD FACING SURFACES - TO REINFORCING STEEL < 8 IN.	100.000 SF	_____	 _____	_____	 _____

## Maine Department of Transportation

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			Dollars	Cents	Dollars	Cents
0340	518.51 REPAIR OF UPWARD FACING SURFACES - BELOW REINFORCING STEEL < 8 IN.	20.000 SF	_____	 _____	_____	 _____
0350	518.60 REPAIR OF VERTICAL SURFACES < 8 IN.	20.000 SF	_____	 _____	_____	 _____
0360	520.22 EXPANSION DEVICE - COMPRESSION SEAL	1.000 EA	_____	 _____	_____	 _____
0370	535.631 PRESTRESSED STRUCTURAL CONCRETE DECK PLANKS	LUMP SUM		 LUMP SUM	_____	 _____
0380	604.158 UTILITY VAULT - 10' x 8' x 8'	1.000 EA	_____	 _____	_____	 _____
0390	607.1701 TEMPORARY CHAIN LINK FENCE - 6' MOVEABLE	400.000 LF	_____	 _____	_____	 _____
0400	627.903 PAVEMENT MARKINGS ON EXISTING CONCRETE PIER	LUMP SUM		 LUMP SUM	_____	 _____
0410	629.05 HAND LABOR, STRAIGHT TIME	60.000 HR	_____	 _____	_____	 _____
0420	631.12 ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)	20.000 HR	_____	 _____	_____	 _____
0430	631.13 BULLDOZER (INCLUDING OPERATOR)	20.000 HR	_____	 _____	_____	 _____
0440	631.172 TRUCK - LARGE (INCLUDING OPERATOR)	20.000 HR	_____	 _____	_____	 _____

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			Dollars	Cents	Dollars	Cents
0450	631.36 FOREPERSON	60.000 HR	_____	 _____	_____	 _____
0460	634.1811 1 1/2" LIQUID TIGHT METALLIC FLEXIBLE CONDUIT	50.000 LF	_____	 _____	_____	 _____
0470	634.188 4" ELECTRICAL METALLIC TUBING CONDUIT	25.000 LF	_____	 _____	_____	 _____
0480	634.194 1 1/2" PVC CONDUIT	100.000 LF	_____	 _____	_____	 _____
0490	634.1941 1" PVC CONDUIT	150.000 LF	_____	 _____	_____	 _____
0500	634.1943 4" SCHEDULE 80 PVC CONDUIT	1,575.000 LF	_____	 _____	_____	 _____
0510	634.1944 2" SCHEDULE 40 PVC CONDUIT	350.000 LF	_____	 _____	_____	 _____
0520	634.1949 2 1/2" SCHEDULE 40 PVC CONDUIT	350.000 LF	_____	 _____	_____	 _____
0530	634.195 4" PVC CONDUIT - Schedule 40	560.000 LF	_____	 _____	_____	 _____
0540	634.2072 INSTALL REEFER OUTLET PEDESTAL	1.000 EA	_____	 _____	_____	 _____
0550	634.2073 INSTALL HIGH-MAST LIGHTING POLE	1.000 EA	_____	 _____	_____	 _____
0560	634.230 12" X 12" X 6" INTERIOR PULL BOX	1.000 EA	_____	 _____	_____	 _____

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			Dollars	Cents	Dollars	Cents
0570	634.2311 STAINLESS STEEL EXTERIOR PULL BOX	1.000 EA	_____	 _____	_____	 _____
0580	634.312 # 2 AWG COPPER WIRING	525.000 LF	_____	 _____	_____	 _____
0590	634.313 # 4/0 AWG COPPER WIRING	1,050.000 LF	_____	 _____	_____	 _____
0600	634.314 #6 AWG COPPER WIRE	800.000 LF	_____	 _____	_____	 _____
0610	634.315 #8 AWG COPPER WIRE	400.000 LF	_____	 _____	_____	 _____
0620	634.3151 #1/0 AWG GND WIRE	1,100.000 LF	_____	 _____	_____	 _____
0630	634.317 500 MCM CU	3,300.000 LF	_____	 _____	_____	 _____
0640	634.318 250 MCM CU	575.000 LF	_____	 _____	_____	 _____
0650	634.73 REMOVE EXISTING LIGHT POLES	LUMP SUM		 LUMP SUM	_____	 _____
0660	634.74 INSTALL CRANE OUTLET STATION - #1 and #3	1.000 LS	_____	 _____	_____	 _____
0670	634.75 INSTALL COMMUNICATION AND SURVEILLANCE	LUMP SUM		 LUMP SUM	_____	 _____
0680	634.761 INSTALL FIRE ALARM SYSTEM	LUMP SUM		 LUMP SUM	_____	 _____

Maine Department of Transportation

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

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0690	639.18 FIELD OFFICE TYPE A	1.000 EA	_____	 _____	_____	 _____
0700	655.501 CATHODIC PROTECTION BY SACRIFICIAL ANODE	34.000 EA	_____	 _____	_____	 _____
0710	656.75 TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL	LUMP SUM		LUMP SUM	_____	 _____
0720	659.10 MOBILIZATION	LUMP SUM		LUMP SUM	_____	 _____
0730	825.67 TERMINATE GAS LINE	LUMP SUM		LUMP SUM	_____	 _____
0740	825.68 WATER LINE MODIFICATIONS	LUMP SUM		LUMP SUM	_____	 _____
0750	825.69 SEWER LINE MODIFICATIONS	LUMP SUM		LUMP SUM	_____	 _____
0760	832.071 CONTRACTOR ALLOWANCE - CMP	LUMP SUM		LUMP SUM		 5,000.00
0770	832.071 CONTRACTOR ALLOWANCE - Fairpoint	LUMP SUM		LUMP SUM		 5,000.00
0780	832.071 CONTRACTOR ALLOWANCE - Portland Water District	LUMP SUM		LUMP SUM		 5,000.00
0790	832.071 CONTRACTOR ALLOWANCE - Unutil	LUMP SUM		LUMP SUM		 5,000.00
0800	832.071 CONTRACTOR ALLOWANCE - City Permits	LUMP SUM		LUMP SUM		 20,000.00

8/17/2018

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Proposal Schedule of Items

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

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0810	841.4713 STEEL BOLLARD, 12 INCH	15.000 EA	_____	_____	_____	_____
		<b>Section: 1</b>	<b>Total:</b>		_____	_____
			<b>Total Bid:</b>		_____	_____

SPECIAL PROVISIONS  
SECTION 502  
STRUCTURAL CONCRETE  
(QC/QA Acceptance Methods)

CLASS OF CONCRETE	ITEM NUMBER	DESCRIPTION	P	METHOD
LP	502.235	Structural Concrete – Pile Cap and Edge Beams	-	A
LP	502.411	Structural Concrete – Deck Slab	-	A
LP	502.451	Structural Concrete – Approach Slab	-	A
LP	502.605	Structural Concrete – Storage Pad	-	A
A	501.241	Steel Pipe Piles (16” Dia.) In-Place		C
A	634.75	Utility Pole Foundation	-	C
A	841.4713	Steel Bollard – 12 Inch	-	C

P values listed above reflect the price per cubic yard (yd<sup>3</sup>) for all pay adjustment purposes.

SPECIAL PROVISION  
SECTION 832  
CONTRACTOR ALLOWANCES  
(Allowances)

An allowance has been established for amount of money allocated to represent the cost of obtaining required permits from the City of Portland and impacted utilities. The allowance specified amount is for bidding purposes only and will be depicted as a unit price on the schedule of items and is not intended to represent actual payment(s) to be made to the contractor.

832.01 Contractor Allowances

The Contractor is required to secure all the necessary building permits for the project through the City of Portland and all the necessary and impacted utilities within the project site. Note that the Site Plan approval has already been received from the City of Portland.

832.02 Method of Measurement

The accepted quantity of Contractor Allowance(s) will be each measured for payment by the Lump Sum upon obtaining and submitting to the Department an approved applicable permit(s) and providing a receipted bill of payment for each applicable permit

832.071 Basis of Payment

The payment of the Permit(s) will be based upon the actual cost of the permits as documented by a paid receipted bill submitted to the Department. Upon submission and acceptance of the receipted bill to the Department, the Department will then authorize a Contract Modification to be created for the amount paid on the receipted bill.

All cost associated with coordinating, administering and obtaining permits, unless otherwise specified, shall be considered incidental to related contract items.

Contractor Allowances for the purpose of bidding shall be the lump sum values shown below:

<u>Pay Item</u>	<u>Pay Unit</u>		
832.071	Contractor Allowance for City Permits	Lump Sum	\$20,000
832.071	Contractor Allowance for CMP	Lump Sum	\$5,000
832.071	Contractor Allowance for Consolidated Communications	Lump Sum	\$5,000
832.071	Contractor Allowance for PWD	Lump Sum	\$5,000
832.071	Contractor Allowance for Unutil	Lump Sum	\$5,000

END OF SECTION