

**ADDENDUM NO. 1**

July 10, 2013

Pepperrell Cove Town Landing Boating Infrastructure Grant; Town of Kittery, Maine

WIN #018391.14; BDC No. 12040

From: Baker Design Consultants  
7 Spruce Road  
Freeport, ME 04032

To: Prospective Bidders

This Addendum forms part of the Contract Documents, modifies the original Bidding Documents dated June 2013 as noted below.

**Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.**

This Addendum consists of Three (3) pages and the following Attachments and Sketches.

- A. SK-1 – Addendum No. 1 Utilities Plan
- B. SK-2 – Addendum No. 1 Utilities Schedule
- C. Special Provision Section 403 Hot Mix Asphalt

**A. CHANGES TO BIDDING DOCUMENTS**

**1. SECTION 2-A. NOTICE TO CONTRACTORS**

- a. **Confirm** date bids must be received by 1 PM Tuesday; July 16, 2013. Although the correct date was provided in the Project Manual, Newspaper Advertisements incorrectly referred to Wednesday; July 16, 2013.

**2. SECTION 2-C1. BID BOND**

- a. **Revise** last paragraph on Page 4 of 4 as follows:

*“If Contractor is Partnership, all Partners should execute Bond. The person executing this Bond shall provide a Power of Attorney document, ~~together with a statement that it still is in full force and effect.~~ Bond must be counter-signed by a Resident Maine Agent.”*

**3. APPENDIX A -ADDITIONS TO THE MAINE DEPARTMENT OF TRANSPORTATION STANDARDS**

- a. **Add** attached SPECIAL PROVISION SECTION 403 HOT MIX ASPHALT.

## CHANGES TO SPECIFICATIONS

### 1. SECTION 01025 MEASUREMENT AND PAYMENT

- a. Subsection 1.03 SCHEDULE OF BID ITEMS; B. Alternate Bid Items. **Change** Bid Item descriptions as follows to be consistent with the attached *SK-1 – Addendum No. 1 Utilities Plan* and *SK-2 – Addendum No. 1 Utility Schedule*.

2. *Bid Item No. 13 – Underground Service; Belamy Street Pole to Harbor Master Building (not including water supply).*

a. *All work associated with the placement of a new 400 AMP electrical service and phone service to the Harbor Master Building from the new Belamy Street Pole ~~to be installed by others~~. The work includes trenching, pavement patching, placement of conductors, cable, conduit and all incidental materials and equipment. A new meter box, disconnect switch and **new exterior existing Panel upgrade** to accommodate the new 400 Amp service upgrade is part of the work. Maintenance of traffic during installation will be considered part of the work.*

b. *Method of Measurement: Lump Sum.*

c. *Basis of Payment: The accepted Underground Service; Belamy Street Pole to Harbor Master Building (not including water supply) will be paid for at the Lump Sum Bid for Item No. 13 upon completion.*

3. *Bid Item No. 14 – Seasonal Water Service To Harbormaster Building.*

a. *All work associated with the placement of a new seasonal water service to connect **to the existing seasonal water service to the Harbor Master Building. Refer to SK-2 Utility Schedule Addendum No.1.** The work includes trenching, pavement patching, pipe and all incidental materials and equipment in accordance with the plans. Maintenance of traffic during installation and coordination of installation with the Kittery Water District will be considered part of the work. Includes Shutoff and meter connection at Harbor Master Building. The Owner will pay for the Kittery Water District to install the initial water service extension across Pepperrell Road.*

b. *Method of Measurement: Lump Sum.*

c. *Basis of Payment: The accepted Seasonal Water Service to Harbormaster Building will be paid for at the Lump Sum Bid for Item No. 14 upon completion.*

4. *Bid Item No. 15 – Fire Service, Hydrant, ~~Seasonal Year-Round~~ Water Service to Harbormaster Building.*

a. *All work associated with the placement of a new year-round fire service, site hydrant and water service extension **to the existing seasonal water service as shown on SK-1 Site Plan Addendum No.1** to the Harbor Master Building in accordance with the plans. The work includes trenching, pavement patching, pipe and all incidental materials and equipment. Maintenance of traffic during installation and coordination of installation with the Kittery Water District will be considered part of the work. The Owner will pay for the Kittery Water District to install the initial fire service extension across Pepperrell Road.*

b. *Method of Measurement: Lump Sum.*

c. *Basis of Payment: The accepted Fire Service, Hydrant, ~~Seasonal Year-Round~~ Water Service to Harbormaster Building will be paid for at the Lump Sum Bid for Item No. 15 upon completion.*

B. CHANGES TO DRAWINGS

1. SHEET G-2- NOTES and SCHEDULES.

- a. **Change** Timber schedule to match Specification requirements for *No.1* timber grading at exposed locations and *No. 2 or Better* at locations that are not exposed. **Eliminate** reference to Diagonal Bracing at the Take-off pier. Revised Table provided below. **Add** 4 x 6 Spanner Board reference for New Floats.

2. SHEET C-2- SITE PLAN.

- a. **Substitute** Pier Head Utility Plan and Utility Schedule modifications per attached *SK-1 – Addendum No. 1 Utilities Plan* and *SK-2 – Addendum No. 1 Utility Schedule*. Revision summary follows:
  - Bid Item 13- Underground Utilities; Route **extended** by 10-ft to new Panel and Meter mounted **added** to the exterior of the Harbor Master Building.
  - Bid Item 14- Seasonal Water; Route **reduced** by 40-ft to tie into existing bulkhead mounted waterline Sta. 2+90.
  - Bid Item 15- Fire Hydrant **relocated**; Fire service route **reduced** by 70-ft. Year-round Water Service **changed** to seasonal connection from fire service at 3+90.
  - Bid Item 16-Surface Mounted services to Pepperrell Pier and Frisbee Pier from new Panel **changed** to 75-ft and 170-ft respectively.

3. SHEET C-5- CIVIL DETAILS.

- a. UTILITY TRENCH DETAIL- **Change** note to “*Seasonal Waterline (see Utility Schedule Sheet C-2 for Bid Item)*” from “*Seasonal Water (Base Bid)*”.

4. SHEET S-1- PIER PLAN AND ELEVATION

- a. **Change** STEEL GUIDE PILE SCHEDULE to include a Rock Socket for Pile P-9. Revised Schedule is provided below.

STEEL GUIDE PILES (Addendum No. 1 Revision) (Bid Item No. 8- Steel Piles, Bid Item No. 9- Rock Sockets)													
Elevations based on NGVD 29 Datum													
Pile	Pile Section Size					Cutoff Elev	Rock Socket Depth	Mudline Elev	Overburden	Ledge Elev	Pile Tip Elevation	Pile Length (min) FT	
	Size	OD in	ID in	t in	A in <sup>2</sup>								
P 4	12	12.75	11.75	0.5	19.24	18.0	NA	-9.5	>21.5	unknown	-39.5	60.0	
P 5	12	12.75	11.75	0.5	19.24	18.0	NA	-9.5	>21.5	unknown	-39.5	60.0	
P 9	12	12.75	11.75	0.5	19.24	18.0	6	-10.6	>23.0	unknown	-40.6	60.0	
P 10	12	12.75	11.75	0.5	19.24	18.0	6	-12.8	-9.0	-21.8	-27.8	45.8	
P 11	12	12.75	11.75	0.5	19.24	18.0	6	-12.8	-7.7	-20.5	-26.5	44.5	
Total Pile Length											270.3		
No of Piles											5		
Avg Pile Length FT											54.1		

END OF ADDENDUM

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## UTILITY SCHEDULE (Addendum No. 1)

Service Location	Bid Item	+/- Plan Distance	Utility	Cable/Conduit/Pipe			Notes
				#	Size	Material	
OVERHEAD Service	By Others	90-ft	Installed outside contract. <b>By Central Maine Power, Fairpoint, Comcast</b>				Sta. 0+00 to 0+80+/-, CMP Transformer for 400 AMP Service to Landing Relocate existing Street Light.
UNDERGROUND Utilities New Pole to Hbrmaster Office	Bid Item 13	325-ft 335-ft	Phone	1	2	SCH 80 E Conduit. 2-250 Copper Conductors.	Sta. 0+38 to <b>4+15 NEW PANEL &amp; METER (Hbr Office)</b> Ledge removal required, Galvanized steel risers required where exposed.
			Data	1	2		
			Power	1	4		
			Power/Spare	1	4		
UNDERGROUND Seasonal Water Service OPTION	By Others	38-ft	Water Supply	2		Copper	<b>By KWD</b> Tap Pepperrell Road Main. Extend 10-ft into Bellamy Ln.
	Bid Item 14	335-ft 295-ft	Water Supply	2		HDPE (200 PSI)	Sta. 0+38 to Harbor Masters Office
UNDERGROUND Year-Round Water Service OPTION	By Others	38-ft	Fire Service (Year-Round)	6		Ductile Iron	<b>By KWD</b> Tap Pepperrell Road Main. Extend 10-ft into Bellamy Ln.
	Bid Item 15	370-ft 300-ft	Fire Service (Year-Round)	6		Ductile Iron	Sta. 0+38 to Hydrant at Sta. 4+05
			Seasonal Water Supply (Year-Round)	2		HDPE (200 PSI)	Tap 6-inch service at Sta. <del>3+50-2+90 +/-</del> to <del>Hbr Mstrs Office</del> existing bulkhead mounted service.
UNDERGROUND/SURFACE Mounted  Pepperrell Pier Services  Frisbee Pier Services	Bid Item 16	90-ft 75-ft	Phone	1	2	Galvanized Steel Conduit where exposed	Harbor Master Office to respective existing Pepperrell and Frisbee Pier boxes. Cap ends and install messenger lines if not used. Provide valves for winter draining and blowout of water system.
			Data	2	1		
			Power+Spare	Size & No. Reqd.			
			Lighting	Size & No. Reqd.			
			Pump Out	1	1	HDPE (200 PSI)	
			Water Supply	1		Galvanized Steel Conduit	
Pepperrell Pier TRANSIENT FLOAT UTILITIES	See Sheet S-2		Phone	2	1	Type G Marine Cable	Accommodate tidal movement at gangway cable tray transitions to new junction boxes. Provide chafing gear, strain relief and seasonal disconnects as required.
			Data	2	1		
			Power + Spare	Size Reqd.		Conduit Only	
			Pump Out	1	1	HDPE (200 PSI)	
Water Supply	3/4						
Pepperrell Pier LIGHTING	Bid Item 17	See LIGHTING FIXTURE AND POLES Schedule	Continuous UV protected conduit fastened to underside of pier from existing Pier Box. Galvanized steel where exposed. No connections below deck elevation.				

TITLE:  
**UTILITY SCHEDULE**

ADDENDUM NO. 1



**BAKER DESIGN CONSULTANTS**  
7 Spruce Road • Freeport • Maine • 04032 • 207-846-9724

DESIGNED BY: BJB

DRAWN BY: JJC

CHECKED BY: BJB

SCALE: AS SHOWN

PROJECT:

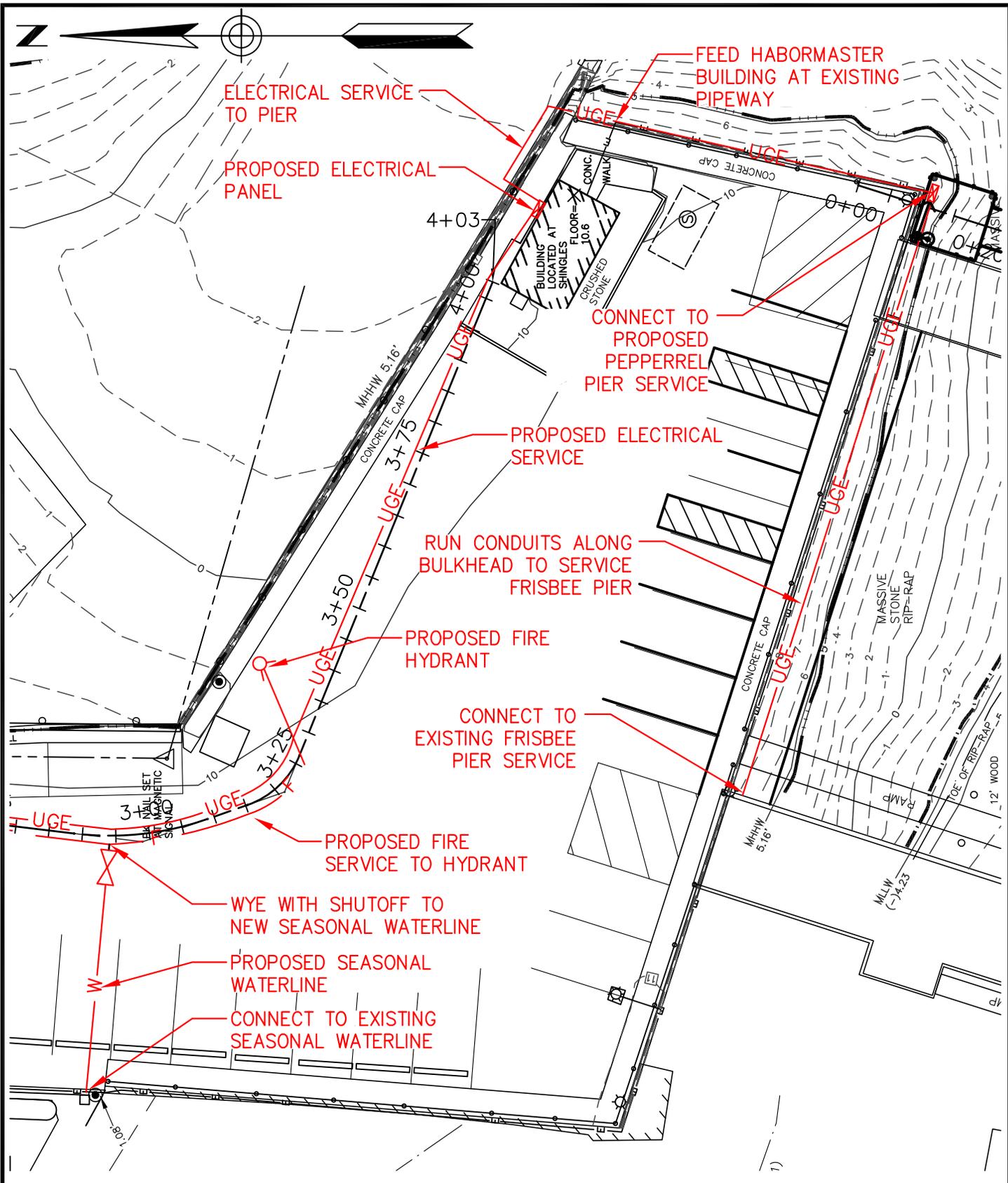
**Pepperrell Cove Town Landing  
Boating Infrastructure Grant**  
 TOWN OF KITTERY  
 KITTERY, MAINE

DATE  
JULY 2013

CONTRACT NO.  
12-40

SK-2

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<b>TITLE:</b> <b>SITE UTILITIES</b>  ADDENDUM NO. 1	<b>DESIGNED BY:</b> BJB	<b>PROJECT:</b> <b>Pepperrell Cove Town Landing Boating Infrastructure Grant</b> TOWN OF KITTERY KITTERY, MAINE	
	<b>DRAWN BY:</b> JJC	<b>CHECKED BY:</b> BJB	<b>DATE:</b> JULY 2013
 <b>BAKER DESIGN CONSULTANTS</b> 7 Spruce Road • Freeport • Maine • 04032 • 207-846-9724	<b>SCALE:</b> AS SHOWN	<b>CONTRACT NO.:</b> 12-40	<b>SK-1</b>

**SPECIAL PROVISION**  
**SECTION 403**  
**HOT MIX ASPHALT**

Desc. Of Course	Grad Design.	Item Number	Bit Cont. % of Mix	Total Thick	No. Of Layers	Comp. Notes
<b><u>4" HMA Overlay Areas</u></b>						
<b><u>Trenches</u></b>						
Wearing	12.5 mm	403.208	N/A	1 ½"	1	4,16,18
Base	19.0 mm	403.207	N/A	2 ½"	1	4,16,18

**COMPLEMENTARY NOTES**

4. The design traffic level for mix placed shall be 0.3 to <3 million ESALS. The design, verification, Quality Control, and Acceptance tests for this mix will be performed at **50 gyrations**.
16. Compaction of the new Hot Mix Asphalt Pavement will be obtained using a minimal roller train consisting of a **3-5 ton** vibratory roller. An approved release agent is required to ensure the mixture does not adhere to hand tools, rollers, pavers, and truck bodies. The use of petroleum based fuel oils, or asphalt stripping solvents will not be permitted.
18. The Agency administering the contract will provide a NETTCP certified inspector qualified to accept or reject any HMA based on a visual basis, either prior to its use, during placement, or in its final disposition. Mixtures exceeding the minimum 275 degree (F) lower limit or the 325 degree (F) upper limit will be rejected from the project. Informational mix samples may be obtained by the Agency at any time for verification of material properties. All HMA mixtures shall be sourced from one approved JMF, per type of mix. The Agency administering the contract shall submit a letter of acceptance at the completion of the contract certifying that all work and materials were inspected and found to be acceptable to the Agency.

**Tack Coat**

A tack coat of emulsified asphalt, RS-1, Item 409.15 shall be applied to any existing pavement at a rate of approximately 0.025 gal/yd<sup>2</sup>, and on milled pavement approximately 0.05 gal/yd<sup>2</sup> prior to placing a new course. A fog coat of emulsified asphalt shall be applied between shim /base courses and the surface course, at a rate not to exceed 0.025 gal/yd<sup>2</sup>. Cleaning objectionable material from the pavement and furnishing and applying Item 409.15 bituminous materials to joints and contact surfaces is incidental to the contract paving items.