Hoyle, Tanner Project No. 905108 March 3, 2020

ADDENDUM NO. 2

CITY OF PORTSMOUTH, NH

PROPOSED BRIDGE REPAIRS MARKET STREET OVER TIDAL BASIN (NHDOT BRIDGE NOS. 240/106 & 241/106), KEARSARGE WAY OVER PAN AM RAILWAYS (NHDOT BRIDGE NO. 240/132), & RECREATION TRAIL OVER MARKET STREET (NHDOT BRIDGE NO. 220/143)

This Addendum forms part of the Contract Documents and modifies the original Drawings and Specifications dated February 2020. This Addendum consists of 35 pages of modifications to the contract documents consisting of pages ADDM-1 through ADDM-8 and a revised Section 00410 Bid Form consisting of 27 sheets.

Bidders shall acknowledge receipt of this addendum by writing the words "Addendum No. 2" on the line provided for such on page 00300-1 of the Bid Form. Failure to do so may disqualify the bidder and their bid.

GENERAL CLARIFICATIONS

- Bid Alternate 3 has been added to the contract and includes the complete removal of the Recreation Trail Bridge. The City will evaluate the bids based on the Base Bid [Market Street over Tidal Basin (Schedule A) and Kearsarge Way over Pan Am Railways (Schedule B)]; Base Bid plus Bid Alternate 1; Base Bid plus Bid Alternate 1 plus Bid Alternate 2, or; Base Bid plus Bid Alternate 3. The Award of the Bid will be based upon whichever combination of Base Bid plus Alternates is in the best interest of the City; this may result in none of the Bid Alternates being awarded.
- 2. The Bid Opening date has been extended one week to Tuesday, March 24, 2020 at 2:00 p.m.
- 3. A bid item for the maintenance of traffic is added to Bid Alternate 1; a special provision for this item will be issued via forthcoming Addendum 3. Traffic control for Bid Alternate 2 will be incidental to Item 556.101; the special provision for this item will be revised and issued via forthcoming Addendum No. 3.
- 4. Addendum No. 3 will be issued by close of business on Friday, March 6, 2020, which will include a Section 502 Special Provision that includes details of the work for Bid Alternate 3, Removal of the Recreation Trail Bridge. Addendum No. 3 will also include a revised Section 550 Special Provision that includes revisions to the work specified for the Temporary Support Systems, and a Section 619 Special Provision that includes traffic control requirements at the Recreation Trail Bridge.
- 5. A fourth addendum, if necessary, will be issued by close of business on Friday, March 13,

2020. Questions from prospective bidders shall be submitted in writing by close of business on Wednesday, March 11, 2020 in order to be responded to in the final Addendum.

SPECIFICATIONS

1. Section 00111 Advertisement for Bids:

Revise the first paragraph to read:

The City of Portsmouth is seeking bids for the construction of the Proposed Bridge Repairs, Market Street over Tidal Basin NHDOT Bridge Nos. 240/106 & 241/106, Kearsarge Way over Pan Am Railways NHDOT Bridge No. 240/132, & Recreation Trail over Market Street, NHDOT Bridge No. 220/143. Bid proposals plainly marked, "Bridge Repairs Market Street, Kearsarge Way Bid #27-20" on the outside of the mailing envelope as well as the sealed bid envelope, addressed to the Finance/Purchasing Department, City Hall, 1 Junkins Avenue, Portsmouth, New Hampshire, 03801, will be accepted until Tuesday, March 24, 2020 at 2:00 p.m. at which time all bids will be publicly opened and read aloud.

2. Section 00200 Instructions to Bidders:

Revise Article 19.04.B to read:

- B. In comparison of bids, alternates may be considered at the discretion of the City.
- 3. Section 00410 Bid Form:

The bid form shall be replaced in its entirety with the bid form included with this Addendum.

4. Special Provision, Section 502 – Removal of Existing Bridge Structure

Bid Alternate 3 is added to the Bid Form via this Addendum and includes Bid Item 502.103 Removal of Existing Bridge Structure (applicable to the Recreation Trail Bridge); refer to the revised Bid Form included with this Addendum. A Special Provision for Section 502 (Removal of Existing Bridge Structure) detailing the specific requirements of the work to be performed under this bid item will be issued via forthcoming Addendum No. 3.

Work associated with Bid Item 502.103 will include removal of the existing Recreation Trail Bridge superstructure in its entirety and removal of the existing concrete abutments and piers to 1' below finished grade. The trail approach embankment shall be removed and graded to drain. The Contractor will be responsible for submitting a detailed traffic control plan in accordance with the Special Provision and a demolition plan.

5. Special Provision, Section 550 – Structural Steel

The Bid Item covered by the Special Provision for Section 550 (Structural Steel) for Item

550.191 Temporary Support System has been revised to Item 550.191 Temporary Support System (Less than 10'), and a new item has been added, Item 550.192 Temporary Support System (Greater than 10'). The units for these items are per each. Refer to the revised Bid Form included with this Addendum. Revised Section 550 Special Provision detailing the specific requirements of the work to be performed under these bid items will be issued via forthcoming Addendum No. 3.

6. Special Provision, Section 556 – Painting Existing Structural Steel

The Bid Item covered by the Special Provision for Section 556 (Painting Existing Structural Steel) for Item 556.101 is revised such that vehicular traffic control required for the work is incidental to the item. A revised Special Provision for Section 556 (Painting Existing Structural Steel) will be issued via forthcoming Addendum No. 3. See response to Question #3 in this Addendum for maintenance of traffic requirements.

7. Special Provision, Section 619 – Maintenance of Traffic

A Special Provision for Section 619 (Maintenance of Traffic) is added to the Bid Form via this Addendum and includes Bid Item 619.1 under Bid Alternate 1; refer to the revised Bid Form included with this Addendum. A Special Provision for Section 619 (Maintenance of Traffic) detailing specific pedestrian accommodation requirements and vehicular traffic control requirements at the Recreation Trail under this bid item will be issued via forthcoming Addendum No. 3; see responses to Question #2 and Question #3 included in this Addendum.

PLANS

1. Sheet Number 31, Project Notes and Summary of Quantities

Remove Item 550.191 Temporary Girder Support System at 1 U.

Add Item 550.191 Temporary Girder Support System (Less than 10') – 2 EA

Add Item 550.192 Temporary Girder Support System (Greater than 10') – 7 EA

Add Item 619.1 Maintenance of Traffic – 1 U

Add Bid Alternate 3 – Item 502.101 Removal of Existing Bridge Structure – 1 U

RESPONSES TO QUESTIONS

- 1. The following questions have been received to-date regarding the Recreation Trail over Market Street, which have been repeated below with responses in *italics*. Responses are applicable to Bid Alternates 1 and 2 unless specifically noted otherwise.
 - Question #1: If the City determines that Bid Alternate 1 and/or Bid Alternate 2 will not be pursued, can this work be removed from the contract via an Addendum?

Bid Alternate 1 and Bid Alternate 2 will remain in the contract and Bid Alternate 3 for the removal of the Recreation Trail Bridge has been added.

Question #2: What are the pedestrian accommodation requirements?

The Recreation Trail bridge may be closed to pedestrian traffic, but pedestrian connectivity from Granite Street to Portsmouth Boulevard must be maintained at all times during construction. The Contractor shall develop and implement a pedestrian traffic control plan, which may include detouring pedestrians west to the Woodbury Avenue crosswalk, and shall include pedestrian detour signage as necessary. The Contractor shall submit a Contractor detailed pedestrian accommodation plan to the City and Engineer for review and approval. This response is also applicable to Bid Alternate 3.

Question #3: What are the Market Street traffic control requirements?

Vehicular traffic on Market Street may be reduced to a single lane of one-way traffic in the eastbound direction and a single lane of one-way traffic in the westbound direction between the hours of 9:00 am and 3:00 pm, Monday through Friday. Market Street shall remain open to two lanes of one-way traffic in each direction during the following times:

- Monday through Friday between the hours of 6:00 am and 9:00 am
- Monday through Friday between the hours of 3:00 pm and 7:00 pm

Market Street shall be returned to the normal traffic pattern at the conclusion of each workday; long-term lane closures shall not be used. The Contractor shall submit a temporary traffic control plan to the City and Engineer for review and approval. This response is also applicable to Bid Alternate 3.

Question #4: What are the right-of-way limits?

The right-of-way limits shown on contract drawing sheet 32 has been taken from the City's GIS website: <u>https://www.cityofportsmouth.com/public-works/engineering-gis/mapgeo.</u>

Question #5: Will the Contractor have access to the bridge from the Osprey Landing side?

DPW is working on this question. Previous Addendum noted that a response for this question will be provided in the forthcoming Addendum No. 2.

Question #6: Will the vegetation on the Osprey Landing side, to be removed by the City, be removed prior to Contractor mobilizing? What will be the removal limits? Could the Contract indicate that the clearing will achieve a minimum horizontal clearance from the bridge to the nearest limb/tree?

The City will remove the vegetation on the Osprey Landing side prior to the Contractor taking site. Vegetation will be removed in its entirety.

Question #7: Will the chain-link fence at the toe of the approach trail slope, near the softball field, be required to be repaired or replaced?

The chain-link fence at the toe of the approach trail slope, near the softball field, shall not be repaired nor replaced, but shall be maintained if Bid Alternate 1 is awarded.

The chain-link fence at the toe of the approach trail slope, near the softball field, shall be removed if Bid Alternate 3 is awarded.

Question #8: Will an invasive species control and management plan be required?

An invasive species control and management plan will be required, and an item has been included in the contract (Item 697.11). The intent of this item is to remove invasive plants where encountered during construction, and to prevent further spreading of the invasive plants through excavated materials, or off-site transportation of the invasive material. The Contractor shall coordinate with the City Arborist and include as part of the invasive species control and management plan how invasive species will be handled during the project. This response is also applicable to Bid Alternate 3.

Question #9: Will the City allow the use of steel posts with a steel plate to retain soil and repair the erosion at the southwestern bridge approach? Widening of the approach pavement is necessary per the approach rail installation detail, and placement of embankment material as noted on the plans will require removal and reinstallation of the chain link fence at the toe of slope.

Yes, the City will allow the use of steel posts with a steel plate in lieu of regrading the embankment.

Question #10: Can the hand method be used for paving the approach trail, or is machine method required?

The approach trail pavement shall be placed in accordance with NHDOT Standard Specification Section 3.1. The bituminous pavement shall be spread uniformly in two courses as specified in Section 3.1.2. Each course shall be rolled with a roller weighing between 500 lb and 2,000 lb. The use of a paver to place the material is not required.

Question #11: The plans indicate that paving of the approach sidewalk must meet ADA requirements. What level of trail reconstruction or regrading is anticipated to be necessary to meet ADA requirements?

The existing trail was originally designed and constructed to meet ADA requirements, but the pavement has heaved and settled since the time of installation and there are now isolated trail locations that are not ADA compliant. The intent of the project is to complete minor regrading as may be necessary to reestablish ADA compliant slopes and landings.

Question #12: Which of the 18 expansion joint glands are to be replaced? The contract quantity for this work is only 9.

The contract quantity was assumed to establish the item in the contract. The Contractor and Engineer shall walk the site together and jointly agree on the expansion joint glands to be replaced.

Question #13: Is the intent to remove the gates from the approach spans?

Yes, the intent is to remove the gates from the approach spans and replace with the approach ramp fence system. A new post shall be installed at all existing gate stop locations, and new horizontal members added as needed.

Question #14: Is only the chain-link fence on the main span being replaced, or is the chain-link fence on the approach bridge spans also being replaced?

The chain-link fence on both the main span and approach ramp bridge spans are to be replaced.

Question #15: Is the intent to paint the entire rail system black, even components that are to remain and are currently galvanized?

Yes, the entire rail system, including existing galvanized components to remain, shall be painted black.

Question #16: For the limited deck repair work, would the City allow partial depth concrete repair with conventional concrete in lieu of elastomeric concrete? If partial depth repair is cannot be used, would or the City consider alternate material to elastomeric concrete?

For the purposes of the bid, prospective bidders should assume that only elastomeric concrete will be allowed. The City will consider alternative repair strategies during construction.

Question #17: What are the requirements and limits of the structural steel painting?

All exposed surfaces of the structural steel shall be painted, including the inside face of the steel girders. The stay-in-place metal forms are not required to be painted.

Field painting shall be in accordance with NHDOT Standard Specification Sections 3.1.1 and 550.3.17. NHDOT Standard Specification Section 3.17.2 states that all unpainted or damaged surfaces including all areas showing any evidence of the presence of rust shall be blast cleaned as specified in SSPC-SP 10, Near-White Blast Cleaning, unless other effective means are permitted. The blast cleaned surface shall be painted the same day it is blast cleaned.

All structural steel to be painted requires a maintenance overcoat system. The required paint system shall include areas that have been prepared to a SSPC-SP 10 condition to receive a spot primer application of the intermediate coat (acting as a primer at 2-4 mils DFT) and all surfaces to be painted receive one full application of each of the intermediate and finish coats of paint.

Question #18: Can the Temporary Girder Support System (Item 550.191) be revised to be paid as per each instead of one unit? If so, it is suggested the City consider adding two temporary shoring items, one for short shoring systems and one for tall shoring systems.

Item 550.191 Temporary Girder Support System has been revised to Item 550.191 Temporary Girder Support System (Less than 10'), and a new item has been added – Item 550.192 Temporary Girder Support System (Greater than 10'). Both items will have a unit of per each.

Question #19: What is the treatment of cracks at anchor bolt locations where there is no spalled, or potentially spalled, concrete?

Cracks in the substructure, at locations of sound concrete, shall be routed and sealed with non-shrink grout and shall be paid under Item 521.23. Non-shrink grout shall be an approved grout listed under Section 528A of the NHDOT Qualified Products List.

Question #20: On contract drawing sheet 32, there is a note on the approach section of the north side near Abutment A1 that states "remove existing handrail posts....and fill with grout", what posts go back in this area?

The ramp handrail with guard steel shall be installed at this location via coring and grouting the posts into the existing concrete wingwalls, similar to the approach section on the south side near Abutment A2.

Question #21: On contract drawing sheet 33, the "Proposed Approach Ramp Typical Section" calls for resetting the existing handrail. The existing handrail supports are welded to the posts and will likely become damaged when removing them from the posts. Is the intent to reset the handrails?

The intent is to provide a handrail that meets ADA requirements. The Contractor may choose to reset the existing handrail if it can remain in good condition after removal. Alternatively, the Contractor may choose to replace the handrail in its entirety. All costs for resetting or replacing the handrail to meet ADA requirements shall be included in Item 607.922 Modifications to the Approach Span Fence.

Question #22: On contract drawing sheet 34, the "Typical Anchor Bolt Repair Detail" indicates Item 512.01 is to be used but should this be Item 512.02 as the repair will extend behind the rebar and anchor bolts?

The existing concrete abutments and piers are unreinforced; therefore, Item 512.01 is used. Concrete removal limits are not required to extend behind existing anchor bolts, except as necessary to remove deteriorated concrete.

SECTION 00410 BID FORM (EJCDC Form C-410, Modified)

PROJECT IDENTIFICATION:	<u>Proposed Bridge Repairs, Market Street over Tidal Basin</u> <u>NHDOT Bridge Nos. 240/106 & 241/106, Kearsarge Way over</u> <u>Pan Am Railways NHDOT Bridge No. 240/132, & Recreation</u> <u>Trail over Market Street, NHDOT Bridge No. 220/143</u>				
CONTRACT IDENTIFICATION AND NUM	BER:	Proposed Bridge Repairs, Market Street over Tidal Basin NHDOT Bridge Nos. 240/106 & 241/106, Kearsarge Way over Pan Am Railways NHDOT Bridge No. 240/132, & Recreation Trail over Market Street, NHDOT Bridge No. 220/143 Hoyle, Tanner Project No. 905108 Client Project No. N/A			
ARTICLE 1 – BID RECIPIENT	-NT				

ARTICLE 1 – BID RECIPIENT

1.01	This Bid is submitted to:	City of Portsmouth, Public Works Department
		680 Peverly Hill Road
		Portsmouth, NH 03801
1.02	Bid Delivery &	City of Portsmouth – Finance/Purchasing Department
	Opening Location:	City Hall, 1 Junkins Avenue
		Portsmouth, NH 03801

1.03 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with Owner in the form included in the Bidding Documents to perform all Work as specified or indicated in the Bidding Documents for the prices and within the times indicated in this Bid and in accordance with the other terms and conditions of the Bidding Documents.

ARTICLE 2 – BIDDER'S ACKNOWLEDGEMENTS

2.01 Bidder accepts all of the terms and conditions of the Instructions to Bidders, including without limitation those dealing with the disposition of Bid security. This Bid will remain subject to acceptance for 60 days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of Owner.

ARTICLE 3 – BIDDER'S REPRESENTATIONS

- 3.01 In submitting this Bid, Bidder represents that:
 - A. Bidder has examined and carefully studied the Bidding Documents, and any data and reference items identified in the Bidding Documents, and hereby acknowledges receipt of the following Addenda:

Addendum No.	Addendum Date

- B. Bidder has visited the Site, conducted a thorough, alert visual examination of the Site and adjacent areas, and become familiar with and satisfied itself as to the general, local, and Site conditions that may affect cost, progress, and performance of the Work.
- C. Bidder is familiar with and has satisfied itself as to all Laws and Regulations that may affect cost, progress, and performance of the Work.
- D. Bidder has carefully studied all: (1) reports of explorations and tests of subsurface conditions, if any, at or adjacent to the Site and all drawings of physical conditions relating to existing surface or subsurface structures, if any, at the Site that have been identified in the Supplementary Conditions, especially with respect to Technical Data in such reports and drawings, and (2) reports and drawings relating to Hazardous Environmental Conditions, if any, at or adjacent to the Site that have been identified in the Supplementary Conditions and drawings relating to Hazardous Environmental Conditions, if any, at or adjacent to the Site that have been identified in the Supplementary Conditions, especially with respect to Technical Data in such reports and drawings.
- E. Bidder has considered the information known to Bidder itself; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Bidding Documents; and any Site-related reports and drawings identified in the Bidding Documents, with respect to the effect of such information, observations, and documents on (1) the cost, progress, and performance of the Work; (2) the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder; and (3) Bidder's safety precautions and programs.
- F. Bidder agrees, based on the information and observations referred to in the preceding paragraph, that no further examinations, investigations, explorations, tests, studies, or data are necessary for the determination of this Bid for performance of the Work at the price bid and within the times required, and in accordance with the other terms and conditions of the Bidding Documents.
- G. Bidder is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Bidding Documents.
- H. Bidder has correlated the information known to Bidder, information and observations obtained from visits to the Site, reports and drawings identified in the Bidding Documents, and all additional examinations, investigations, explorations, tests, studies, and data with the Bidding Documents.
- I. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Bidding Documents, and confirms that the written resolution thereof by Engineer is acceptable to Bidder.

- J. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for the performance and furnishing of the Work.
- K. The submission of this Bid constitutes an incontrovertible representation by Bidder that Bidder has complied with every requirement of this Article, and that without exception the Bid and all prices in the Bid are premised upon performing and furnishing the Work required by the Bidding Documents.

ARTICLE 4 – BIDDER'S CERTIFICATION

- 4.01 Bidder certifies that:
 - A. This Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any collusive agreement or rules of any group, association, organization, or corporation;
 - B. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid;
 - C. Bidder has not solicited or induced any individual or entity to refrain from bidding; and
 - D. Bidder has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the Contract. For the purposes of this Paragraph 4.01.D:
 - 1. "corrupt practice" means the offering, giving, receiving, or soliciting of anything of value likely to influence the action of a public official in the bidding process;
 - 2. "fraudulent practice" means an intentional misrepresentation of facts made (a) to influence the bidding process to the detriment of Owner, (b) to establish bid prices at artificial non-competitive levels, or (c) to deprive Owner of the benefits of free and open competition;
 - 3. "collusive practice" means a scheme or arrangement between two or more Bidders, with or without the knowledge of Owner, a purpose of which is to establish bid prices at artificial, non-competitive levels; and
 - 4. "coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process or affect the e execution of the Contract.

ARTICLE 5 – BASIS OF BID

5.01 Bidder will complete the Work in accordance with the Contract Documents for the following prices:

ITEM NO.	ITEM DESCRIPTION AND UNIT PRICE BID WRITTEN IN WORDS	UNIT	ESTIMATED QUANTITY	<u>UNIT PRICE</u> DOLLARS CTS	<u>TOTAL PRICE</u> DOLLARS CTS
304.3	Crushed Gravel (F), for the unit price per cubic yard of:	СҮ	30		
	Dollars (words)				
	andCents.				
403.12	Hot Bituminous Pavement, Hand Method, for the unit price per ton of:	TON	15		
	Dollars (words)				
	andCents.				
502.101	Removal of Existing Bridge Structure, for the price per unit of:	U	1		
	Dollars (words)				
	andCents.				
504.1	Common Bridge Excavation (F), for the unit price per cubic yard of:	СҮ	40		
	Dollars (words)				
	andCents.				
520.0201	Concrete Class AA, Above Footings, for the unit price per cubic yard of:	СҮ	15		
	Dollars (words)				
	andCents.				
534.3	Water Repellent (Silane/ Siloxane), for the unit price per gallon of:	GAL	5		
	Dollars (words)				
	andCents.				

ITEM NO.	ITEM DESCRIPTION AND UNIT PRICE BID WRITTEN IN WORDS	UNIT	ESTIMATED QUANTITY	UNIT PRICE DOLLARS CTS	<u>TOTAL PRICE</u> DOLLARS CTS
538.2	Barrier Membrane, Peel and Stick - Vertical Surfaces (F), for the unit price per square yard of:	SY	30		
	Dollars (words)				
	andCents.				
544.301	Reinforcing Steel (Contractor Detailed), for the unit price per pound of:	LB	2,000		
	Dollars (words)				
	andCents.				
544.3011	Reinforcing Steel, Mechanical Connectors (Contractor Detailed), for the unit price per each of:	EA	30		
	Dollars (words)				
	andCents.				
560.14	Prefabricated Expansion Joint, for the unit price per linear foot of:	LF	118		
	Dollars (words)				
	andCents.				
562.1	Silicone Joint Sealant (F), for the unit price per linear foot of:	LF	4		
	Dollars (words)				
	andCents.				
565.919	Bridge Approach Rail, Thrie Beam Transition (Steel Posts) (Modified), for the price per unit of:	U	4		
	Dollars (words)				
	andCents.				

ITEM NO.	ITEM DESCRIPTION AND UNIT PRICE BID WRITTEN IN WORDS	UNIT	ESTIMATED QUANTITY	<u>UNIT PRICE</u> DOLLARS CTS	<u>TOTAL PRICE</u> DOLLARS CTS
606.18001	31" W-Beam Guardrail with 8" Offset Block (Steel Post), for the unit price per linear foot of:	LF	50		
	Dollars (words)				
	andCents.				
606.417	Portable Concrete Barrier for Traffic Control, for the unit price per linear foot of:	LF	530		
	Dollars (words)				
	and <u>Cents</u> .				
606.41741	Portable Concrete Barrier for Traffic Control (Bridge), for the unit price per linear foot of:	LF	120		
	Dollars				
	(words)				
	and <u>Cents</u> .				
606.9522	Temp. Impact Attenuation Device (Non- Redirective) Test Level 2, for the price per unit of:	U	2		
	Dollars				
	(words)				
	andCents.				
608.2401	4" Concrete Sidewalk, for the unit price per square yard of:	SY	5		
	Dollars				
	(words)				
	andCents.				
618.7	Flaggers, for the unit price per hour of: Dollars	HR	160		
	(words)				
	andCents.				

ITEM NO.	ITEM DESCRIPTION AND UNIT PRICE BID WRITTEN IN WORDS	UNIT	ESTIMATED QUANTITY	<u>UNIT PRICE</u> DOLLARS CTS	<u>TOTAL PRICE</u> DOLLARS CTS
619.1	Maintenance of Traffic, for the price per unit of:	U	1		
	DollarsDollars				
	andCents.				
619.25	Portable Changeable Message Sign, for the price per unit of:	U	2		
	Dollars (words)				
	andCents.				
628.22	Sawed Bituminous Pavement (Bridge), for the unit price per linear foot of:	LF	180		
	Dollars (words)				
	andCents.				
632.1104	Preformed Retroreflective Tape, Type I (Removable) 4" Line, for the unit price per linear foot of:	LF	3,050		
	Dollars (words)				
	andCents.				
632.911	Obliterate Pave. Marking Line, 12" Wide & Under, for the unit price per linear foot of:	LF	2,150		
	Dollars				
	(words)				
	andCents.				
646.41	Turf Establishment With Mulch, Tackifiers and Humus, for the unit price per square yard of:	SY	35		
	Dollars (words)				
	andCents.				

ITEM NO.	ITEM DESCRIPTION AND UNIT PRICE BID WRITTEN IN WORDS	UNIT	ESTIMATED QUANTITY	<u>UNIT PRICE</u> DOLLARS CTS	<u>TOTAL PRICE</u> DOLLARS CTS
670.104	Temporary Portable Lighting, for the price per unit of:	U	4		
	Dollars (words)				
	andCents.				
692	Mobilization, for the price per unit of:	U	1		
	Dollars (words)				
	andCents.				
1002.1	Repairs or Replacements as Needed - Bridge Structures, for the unit price per allowance of:	\$	25,000	\$1.00	\$25,000.00
	One Dollar (words)				
	and <u>No</u> Cents.				
1008.251	Temporary Pedestrian Accomodations, for the unit price per allowance of:	\$	5,000	\$1.00	\$5,000.00
	One Dollar (words)				
	and <u>No</u> Cents.				

TOTAL CONTRACT PRICE BID SCHEDULE A:

		Dollars
	(words)	
and		Cents.
(\$)
	(numbers)	

ITEM NO.	ITEM DESCRIPTION AND UNIT PRICE BID WRITTEN IN WORDS	UNIT	ESTIMATED QUANTITY	<u>UNIT PRICE</u> DOLLARS CTS	<u>TOTAL PRICE</u> DOLLARS CTS
206.19	Common Structure Excavation Exploratory, for the unit price per cubic yard of:	CY	5		
	Dollars (words)				
	andCents.				
304.3	Crushed Gravel (F), for the unit price per cubic yard of:	СҮ	22		
	Dollars (words)				
	andCents.				
403.11	Hot Bituminous Pavement, Machine Method, for the unit price per ton of:	TON	115		
	Dollars (words)				
	andCents.				
403.12	Hot Bituminous Pavement, Hand Method, for the unit price per ton of: Dollars Dollars	TON	5		
	and Cents.				
403.6	Pavement Joint Adhesive, for the unit price per linear foot of:	LF	710		
	Dollars (words)				
	andCents.				
403.61	Pavement Joint Adhesive (Bridge Base), for the unit price per linear foot of:	LF	495		
	Dollars (words)				
	andCents.				

ITEM NO.	ITEM DESCRIPTION AND UNIT PRICE BID WRITTEN IN WORDS	UNIT	ESTIMATED QUANTITY	<u>UNIT PRICE</u> DOLLARS CTS	<u>TOTAL PRICE</u> DOLLARS CTS
403.911	Hot Bituminous Bridge Pavement, 1" Base Course, for the unit price per ton of: Dollars	TON	31		
	(words)				
	andCents.				
410.22	Asphalt Emulsion for Tack Coat, for the unit price per gallon of:	GAL	70		
	Dollars (words)				
	andCents.				
417.	Cold Planing Bituminous Surfaces, for the unit price per square yard of:	SY	740		
	Dollars (words)				
	andCents.				
502.102	Removal of Existing Bridge Structure, for the price per unit of:	U	1		
	Dollars (words)				
	andCents.				
504.1	Common Bridge Excavation (F), for the unit price per cubic yard of:	CY	35		
	Dollars (words)				
	andCents.				
511.00	Concrete Bridge Deck Pavement Removal (F), for the unit price per square yard of:	SY	529		
	Dollars (words)				
	andCents.				

ITEM NO.	ITEM DESCRIPTION AND UNIT PRICE BID WRITTEN IN WORDS	UNIT	ESTIMATED QUANTITY	<u>UNIT PRICE</u> DOLLARS CTS	<u>TOTAL PRICE</u> DOLLARS CTS
511.02	Preparation for Partial Depth Concrete Bridge Deck Repairs, for the unit price per square yard of:	SY	185		
	Dollars (words)				
	andCents.				
511.03	Preparation for Full Depth Concrete Bridge Deck Repairs, for the unit price per square yard of:	SY	25		
	Dollars (words)				
	andCents.				
512.02	Preparation for Concrete Repairs, Class II, for the unit price per square yard of:	SY	15		
	Dollars (words)				
	andCents.				
520.01	Concrete Class AA, for the unit price per cubic yard of:	CY	20		
	Dollars				
	(words)				
	andCents.				
520.0201	Concrete Class AA, Above Footings, for the unit price per cubic yard of:	CY	30		
	Dollars (words)				
	andCents.				
534.3	Water Repellent (Silane/ Siloxane), for the unit price per gallon of:	GAL	35		
	Dollars (words)				
	andCents.				

ITEM NO.	ITEM DESCRIPTION AND UNIT PRICE BID WRITTEN IN WORDS	UNIT	ESTIMATED QUANTITY	<u>UNIT PRICE</u> DOLLARS CTS	<u>TOTAL PRICE</u> DOLLARS CTS
538.5	Barrier Membrane, Heat Welded (F), for the unit price per square yard of: Dollars 	SY	546		
E 41 E	andCents. Pvc Waterstops, NH Type 5 (F), for the	LF	41		
541.5	unit price per linear foot of: Dollars (words) andCents.	LF	41		
544.31	Reinforcing Steel, Epoxy Coated (Contractor Detailed), for the unit price per pound of:	LB	3,500		
	Dollars (words)				
	andCents.				
544.311	Reinforcing Steel, Epoxy Coated Mechanical Connectors (Contractor Detailed), for the unit price per each of: Dollars (words)	EA	70		
	andCents.				
561.10	Prefabricated Strip Seal Expansion Joint (F), for the unit price per linear foot of: Dollars (words)	LF	41		
	andCents.				
562.1	Silicone Joint Sealant (F), for the unit price per linear foot of:	LF	20		
	(words)				
	andCents.				

ITEM NO.	ITEM DESCRIPTION AND UNIT PRICE BID WRITTEN IN WORDS	UNIT	ESTIMATED QUANTITY	<u>UNIT PRICE</u> DOLLARS CTS	<u>TOTAL PRICE</u> DOLLARS CTS
606.417	Portable Concrete Barrier for Traffic Control, for the unit price per linear foot of:	LF	170		
	Dollars (words)				
	andCents.				
606.41741	Portable Concrete Barrier for Traffic Control (Bridge), for the unit price per linear foot of:	LF	200		
	Dollars (words)				
	andCents.				
606.9522	Temp. Impact Attenuation Device (Non- Redirective) Test Level 2, for the price per unit of:	U	2		
	Dollars (words)				
	andCents.				
608.12	2" Bituminous Sidewalk (F), for the unit price per square yard of:	SY	3		
	Dollars (words)				
	andCents.				
616.171	Portable Traffic Signals (PTS) System, for the price per unit of:	U	1		
	Dollars (words)				
	andCents.				
618.7	Flaggers, for the unit price per hour of:	HR	200		
	Dollars (words)				
	andCents.				

ITEM NO.	ITEM DESCRIPTION AND UNIT PRICE BID WRITTEN IN WORDS	UNIT	ESTIMATED QUANTITY	<u>UNIT PRICE</u> DOLLARS CTS	<u>TOTAL PRICE</u> DOLLARS CTS
619.1	Maintenance of Traffic, for the price per unit of:	U	1		
	Dollars				
	(words)				
	andCents.				
619.25	Portable Changeable Message Sign, for the price per unit of:	U	2		
	Dollars (words)				
	andCents.				
624.1	Railroad Protection - Flagging Service, for the unit price per allowance of:	\$	30,000	\$1.00	\$30,000.00
	<u>One</u> Dollar (words)				
	and <u>No</u> Cents.				
628.2	Sawed Bituminous Pavement, for the unit price per linear foot of:	LF	120		
	Dollars (words)				
	andCents.				
632.0104	Retroreflective Paint Pave. Marking, 4" Line, for the unit price per linear foot of:	LF	3,000		
	Dollars				
	(words)				
	andCents.				
632.0118	Retroreflective Paint Pave. Marking, 18" Line, for the unit price per linear foot of:	LF	15		
	Dollars (words)				
	and <u>Cents</u> .				

ITEM NO.	ITEM DESCRIPTION AND UNIT PRICE BID WRITTEN IN WORDS	UNIT	ESTIMATED QUANTITY	<u>UNIT PRICE</u> DOLLARS CTS	<u>TOTAL PRICE</u> DOLLARS CTS
632.1124	Preformed Retroreflective Tape, Type I (Removable 24" Line), for the unit price per linear foot of:	LF	50		
	Dollars (words)				
	andCents.				
632.1104	Preformed Retroreflective Tape, Type I (Removable) 4" Line, for the unit price per linear foot of:	LF	910		
	Dollars (words)				
	andCents.				
632.911	Obliterate Pave. Marking Line, 12" Wide & Under, for the unit price per linear foot of:	LF	1,500		
	Dollars (words)				
	andCents.				
645.512	Compost Sock for Perimeter Berm, for the unit price per linear foot of:	LF	50		
	Dollars (words)				
	andCents.				
645.531	Silt Fence, for the unit price per linear foot of:	LF	50		
	Dollars (words)				
	andCents.				
646.41	Turf Establishment with Mulch, Tackifiers and Humus, for the unit price per square yard of:	SY	100		
	Dollars (words)				
	andCents.				

ITEM NO.	ITEM DESCRIPTION AND UNIT PRICE BID WRITTEN IN WORDS	UNIT	ESTIMATED QUANTITY	UNIT PRICE DOLLARS CTS	<u>TOTAL PRICE</u> DOLLARS CTS
670.104	Temporary Portable Lighting, for the price per unit of:	U	2		
	Dollars (words)				
	andCents.				
692.	Mobilization, for the price per unit of:	U	1		
	Dollars (words)				
	andCents.				
699.	Miscellaneous Temporary Erosion and Sediment Control, for the unit price per allowance of:	\$	3,000	\$1.00	\$3,000.00
	Dollar (words)				
	and <u>No</u> Cents.				
1002.1	Repairs or Replacements as Needed - Bridge Structures, for the unit price per allowance of:	\$	15,000	\$1.00	\$15,000.00
	Dollar (words)				
	and <u>No</u> Cents.				
1008.251	Temporary Pedestrian Accomodations, for the unit price per allowance of:	\$	5,000	\$1.00	\$5,000.00
	One Dollar (words)				
	and <u>No</u> Cents.				

TOTAL CONTRACT PRICE BID SCHEDULE B:

		Dollars
	(words)	
and		Cents.
(\$)
	(numbers)	

TOTAL CONTRACT PRICE BID SCHEDULE A AND B (BASE BID):

		Dollars
	(words)	
and		Cents.
(\$)
	(numbers)	

ITEM NO.	ITEM DESCRIPTION AND UNIT PRICE BID WRITTEN IN WORDS	UNIT	ESTIMATED QUANTITY	<u>UNIT PRICE</u> DOLLARS CTS	TOTAL PRICE DOLLARS CTS
201.1	Clearing and Grubbing (F), for the unit price per acre of:	А	0.4		
	Dollars				
	(words)				
	andCents.				
203.1	Common Excavation, for the unit price per cubic yard of:	CY	35		
	Dollars				
	(words)				
	and <u>Cents</u> .				
304.31	Crushed Gravel For Shimming, for the unit price per cubic yard of:	СҮ	20		
	Dollars (words)				
	andCents.				
512.01	Preparation For Concrete Repairs, Class I, for the unit price per square yard of:	SY	15		
	Dollars (words)				
	and <u>Cents</u> .				
520.0201	Concrete Class AA, Above Footings, for the unit price per cubic yard of:	СҮ	5		
	Dollars (words)				
	andCents.				
521.22	Rout and Seal Large Cracks, for the unit price per each of:	EA	10		
	Dollars (words)				
	andCents.				

ITEM NO.	ITEM DESCRIPTION AND UNIT PRICE BID WRITTEN IN WORDS	UNIT	ESTIMATED QUANTITY	<u>UNIT PRICE</u> DOLLARS CTS	TOTAL PRICE DOLLARS CTS
521.23	Rout and Seal Substructure Cracks, for the unit price per each of:	EA	10		
	Dollars				
	(words)				
	andCents.				
526.21	Rout and Seal Small Cracks, for the unit price per each of:	EA	30		
	Dollars				
	(words)				
	andCents.				
535.1	Concrete Staining and Sealing, for the unit price per square yard of:	SY	550		
	Dollars (words)				
	andCents.				
535.2	Anti-Graffiti Coating, for the unit price per square yard of:	SY	400		
	Dollars (words)				
	andCents.				
544.31	Reinforcing Steel, Epoxy Coated (Contractor Detailed), for the unit price per pound of:	LB	275		
	Dollars (words)				
	andCents.				
550.191	Temporary Girder Support System (Less than 10'), for the price per each of:	EA	2		
2	Dollars (words)				
	andCents.				

ITEM NO.	ITEM DESCRIPTION AND UNIT PRICE BID WRITTEN IN WORDS	UNIT	ESTIMATED QUANTITY	UNIT PRICE DOLLARS CTS	<u>TOTAL PRICE</u> DOLLARS CTS
550.192	Temporary Girder Support System (Greater than 10'), for the price per each of:	EA	7		
	Dollars (words) andCents.				
560.131	Prefabricated Compression Seal Expansion Joint - Rehabilitation, for the unit price per each of:	EA	9		
	Dollars (words)				
562.1	andCents. Silicone Joint Sealant (F), for the unit price per linear foot of:	LF	745		
	Dollars (words)				
	andCents.				
606.6211	Ramp Handrail, w/Guard Steel, for the unit price per linear foot of:	LF	440		
	Dollars (words)				
	andCents.				
607.921	Modifications to the Main Span Fence, for the unit price per linear foot of:	LF	128		
	Dollars (words)				
	and <u>Cents</u> .				
607.922	Modifications to the Approach Span Fence, for the unit price per linear foot of:	LF	320		
	Dollars (words)				
	andCents.				

ITEM NO.	ITEM DESCRIPTION AND UNIT PRICE BID WRITTEN IN WORDS	UNIT	ESTIMATED QUANTITY	<u>UNIT PRICE</u> DOLLARS CTS	<u>TOTAL PRICE</u> DOLLARS CTS
608.12	2" Bituminous Sidewalk (F), for the unit price per square yard of: Dollars	SY	275		
	(words) andCents.				
619.1	Maintenance of Traffic, for the price per unit of:	U	1		
2	Dollars (words)				
628.2	andCents. Sawed Bituminous Pavement, for the unit price per linear foot of:	LF	10		
	Dollars (words)				
	andCents.				
646.41	Turf Establishment with Mulch, Tackifiers and Humus, for the unit price per square yard of:	SY	1,800		
	Dollars (words)				
	andCents.				
692	Mobilization, for the price per unit of:	U	1		
	Dollars (words)				
	andCents.				
697.11	Invasive Species Control and Management Plan, for the price per unit of:	U	1		
	Dollars (words)				
	andCents.				

ITEM NO.	ITEM DESCRIPTION AND UNIT PRICE BID WRITTEN IN WORDS	UNIT	ESTIMATED QUANTITY	<u>UNIT PRICE</u> DOLLARS CTS	<u>TOTAL PRICE</u> DOLLARS CTS
1002.1	Repairs or Replacements As Needed - Bridge Structures, for the unit price per allowance of: <u>One</u> Dollar (words)	\$	10,000	\$1.00	\$10,000.00
	and <u>No</u> Cents.				

TOTAL CONTRACT PRICE BID ALTERNATE 1:

		Dollars
	(words)	
and		Cents.
(\$)
	(numbers)	

ITEM NO.	ITEM DESCRIPTION AND UNIT PRICE BID WRITTEN IN WORDS	UNIT	ESTIMATED QUANTITY	<u>UNIT PRICE</u> DOLLARS CTS	<u>TOTAL PRICE</u> DOLLARS CTS
556.101	Painting Existing Structural Steel, for the unit price per unit of:	U	1.0		
	Dollars (words)				
	andCents.				

TOTAL CONTRACT PRICE BID ALTERNATE 2:

		Dollars
	(words)	
and		Cents.
(\$)
	(numbers)	

(numbers)



ITEM NO.	ITEM DESCRIPTION AND UNIT PRICE BID WRITTEN IN WORDS	UNIT	ESTIMATED QUANTITY	<u>UNIT PRICE</u> DOLLARS CTS	<u>TOTAL PRICE</u> DOLLARS CTS
502.103	Removal of Existing Bridge Structure, for the unit price per unit of:	U	1.0		
	Dollars (words)				
	andCents.				

TOTAL CONTRACT PRICE BID ALTERNATE 3:

		Dollars
	(words)	
and		Cents.
(\$)
	(numbers)	



Bids will be evaluated based on the Base Bid [Market Street over Tidal Basin NHDOT Bridge Nos. 240/106 & 241/106 (Schedule A) and Kearsarge Way over Pan Am Railways NHDOT Bridge No. 240/132 (Schedule B)]; Base Bid plus Bid Alternate 1; Base Bid plus Bid Alternate 1 plus Bid Alternate 2 or Base Bid plus Bid Alternate 3. The Award of the Bid will be based upon whichever is in the best interest of the City; this may result in none of the Bid Alternates being awarded.

Unit Prices have been computed in accordance with paragraph 13.03.B of the General Conditions.

Bidder acknowledges that estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all Unit Price Bid items will be based on actual quantities, determined as provided in the Contract Documents.

ARTICLE 6 – TIME OF COMPLETION

- 6.01 Bidder agrees that the Work will be substantially complete and will be completed and ready for final payment in accordance with Paragraph 15.06 of the General Conditions on or before the dates or within the number of calendar days indicated in the Agreement.
- 6.02 Bidder accepts the provisions of the Agreement as to liquidated damages.

ARTICLE 7 – ATTACHMENTS TO THIS BID

- 7.01 The following documents are submitted with and made a condition of this Bid:
 - A. Required Bid security;
 - B. Evidence of authority to do business in the state of the Project; or a written covenant to obtain such license within the time for acceptance of Bids;
 - C. Contractor's License No.: ______ or Evidence of Bidder's ability to obtain a State Contractor's License and a covenant by Bidder to obtain said license within the time for acceptance of Bids;

D. List of at least three relevant projects completed in the last three years if bidder is not on the NHDOT "Prequalified Contractor's List" with a classification of bridge and/or bridge rehabilitation but listed on the MaineDOT "Contractor Prequalification Status" list with a category of Bridge.

ARTICLE 8 – DEFINED TERMS

8.01 The terms used in this Bid with initial capital letters have the meanings stated in the Instructions to Bidders, the General Conditions, and the Supplementary Conditions.

ARTICLE 9 – BID SUBMITTAL

9.01 This Bid submitted by:

If Bidder is:

An Individual

	Name (typed or printed):			
	Ву:	(SEAL)		
	(Individual's signature)			
	Doing business as:			
<u>A Partne</u>	ership			
	Partnership Name:	(SEAL)		
	Ву:			
	By:(Signature of general partner attach evidence of authority to sign)			
	Name (typed or printed):			
<u>A Corpo</u>	pration			
	Corporation Name:	(SEAL)		
	State of Incorporation:			
	Type (General Business, Professional, Service, Limited Liability):	<u></u>		
	Ву:			
	(Signature attach evidence of authority to sign)			
	Name (typed or printed):			
	Title:			
	Attest		ORPOI	RATE SEAL)
	(Signature of Corporate Secretary)			
	Date of Qualification to do business in	is /		/
	State of Territory where project			
	Located.			

A Joint Venture

Name of Joint Venturer:
First Joint Venturer Name:(SEAL)
Bγ: (Signature of first joint venture partner attach evidence of authority to sign)
Name (typed or printed):
Title:
Second Joint Venturer Name:(SEAL)
By: (Signature of second joint venturer partner - attach evidence of authority to sign)
Name (typed or printed): Title:
(Each joint venturer must sign. The manner of signing for each individual, partnership, and corporation that is a party to the joint venture should be in the manner indicated above.)
Bidders Business address:
Phone No.: FAX No.:
SUBMITTED on, 20
State Contractor License No (If applicable)
END OF SECTION