# TOWN OF WAYLAND, MASSACHUSETTS CONSERVATION & ACCESS ROAD IMPROVEMENTS WAYLAND TRANSFER STATION CONTRACT 19-2001

#### ADDENDUM NO. 2

\* \* \* \* \*

To be considered as part of the contract drawings and specifications for the Conservation & Access Road Improvements Wayland Transfer Station Project.

## **GENERAL**

#### SECTION 00100 – ADVERTISEMENT FOR BIDS

1. REPLACE the first paragraph of Section 00410 with the following:

The Town of Wayland shall receive General Bids at the Town of Wayland Facilities Department, 2<sup>nd</sup> Floor, Wayland Town Building, 41 Cochituate Road, Wayland, MA 01778 for the Conservation and Access Road Improvements Wayland Transfer Station Project, Contract No. 19-2001, until 2:00 PM prevailing time, Tuesday, August 14, 2018, at which time bids will be opened and publicly read aloud. Bids submitted after this time will not be accepted. There will be no pre-bid conference conducted for this project.

## **SPECIFICATIONS**

#### **SECTION 00410 – FORM OF GENERAL BID**

2. REPLACE Section 00410 with the attached Section 00410.

## **QUESTIONS AND ANSWERS**

- 1. QUESTION: "Item 12d is for Pulverization of 6,360 sy. Item 12e is for 1,030 ton of Type 2 Binder (2 ½" thick) and 12f is for 620 ton of Type 2 Top (1 ½" thick). The quantities to not match the 6,360 sy of pulverization. Please provide clarification."
  - ANSWER: These quantities will not be revised. Bidders shall provide a bid for the quantities listed.
- 2. QUESTION: "There is a note in the specifications section 02745 subsection 1.03 paragraph B that states "Areas shall be paved with temporary trench binder course pavement 1½ inches thick......" Are we to assume that payment for temporary trench paying comes from payment item 12e (Type 2 Binder Course)? Installation

of Roadway Binder Course and Installation of Temporary Trench Paving are 2 completely different procedures and should not be paid for as the same payment item."

ANSWER: The bid form has been revised to include a pay item for temporary trench paving (attached to this addendum).

3. QUESTION: "What are the proposed invert elevations for the proposed slip-lining?"

ANSWER: Invert elevations shall be whatever elevation is practicable to achieve in order to accomplish the required slip lining process.

4. QUESTION: "Specification section 02432, part 3.03, paragraph A instructs the contractor to remove all debris and obstructions that will prevent installation of the polyethylene pipe. How are we to quantify how much cleaning of the existing CMP is to be done to correctly install the polyethylene pipe?"

ANSWER: Bidders are encouraged to visit the site to inspect the culverts and make their own determination as to the scope of this work.

#### END OF ADDENDUM NO. 2

TOWN OF WAYLAND, MASSACHUSETTS

WESTON & SAMPSON ENGINEERS, INC. PEABODY, MASSACHUSETTS

# SECTION 00410 FORM OF GENERAL BID

Proposal of	(hereinafter called "Bidder")*
( <u></u> ) a corpo	ration, organized and existing under the laws of the State of
(_) a partne	ership
(_) a joint v	venture
(_) a limite	d liability company
(_) an indiv	ridual doing business as
*Insert corporation, pa	rtnership, joint venture, LLC or individual as applicable.
To the	(hereinafter called "Owner").
Gentlemen:	

The undersigned Bidder, in compliance with your invitation for bids for construction of the Conservation and Access Road Improvements Wayland Transfer Station, having examined the plans and specifications with related documents and the site of the proposed work, and being familiar with all of the conditions surrounding the construction of the proposed project including the availability of materials and labor, hereby proposes to furnish all superintendence, labor, services, materials, equipment, plant, machinery, apparatus, appliances, tools, supplies, bailing, shoring, removal, and all other things necessary to construct the project in accordance with the contract documents, as prepared by Weston & Sampson Engineers, Inc., within the time set forth below, and at the prices stated below. These prices are to cover all expenses incurred in performing the work required under the contract documents, of which this bid is a part.

The Bidder hereby agrees that if selected as the Contractor it will commence work under this contract on or before a date to be fixed in the written "Notice to Proceed" given by the Owner to the Contractor. Work under bid items no. 1-6, 7a-7d, 10a, and 15a-15c shall be Substantially \*Quantity assumed for comparison of bids.

<sup>\*\*</sup>The unit prices in Items 5a(1), 6a(1), 6b(1), 6c(1) and 7d(1) are the minimum allowed for each item. The bidder may add to each minimum in Items 5a(2), 6a(2), 6b(2), 6c(2) and 7d(2).

Complete by November 15, 2018, subject to the specific conditions of the Wetlands Protection permits. Final paving associated with the Work shall occur after March 15, 2019, final planting shall occur after April 1, 2019 and Substantial Completion of the remainder of Work shall occur by June 1, 2019. The Bidder further agrees to pay as liquidated damages the sum of \$1,000 for each consecutive calendar day thereafter during which the work has not been fully completed, as provided in the "Liquidated Damages" provisions of Section 00800 SUPPLEMENTARY CONDITIONS.

Bidder acknowledges receipt of the following addenda:

No.	Dated:
No.	Dated:
No.	Dated:
No.	Dated:

The Bidder agrees to perform the work described in the specifications and shown on the plans for the following lump sum or unit prices:

Item No.	Estimated Quantity*	Brief Description Unit or Lump Sum Price Bid in Both Words and Figures	Total in Figures
1		Water Mains and Fittings:	
1a	2,930 l.f.	8-inch ductile iron pipe and fittings, per linear foot	\$
		(dollars)	<u> </u>
		and	
		(cents)	_
		(\$	<u> </u>

<sup>\*</sup>Quantity assumed for comparison of bids.

<sup>\*\*</sup>The unit prices in Items 5a(1), 6a(1), 6b(1), 6c(1) and 7d(1) are the minimum allowed for each item. The bidder may add to each minimum in Items 5a(2), 6a(2), 6b(2), 6c(2) and 7d(2).

Item No.	Estimated Quantity*	Brief Description Unit or Lump Sum Price Bid in Both Words and Figures	Total in Figures
1b	120 l.f.	6-inch ductile iron pipe and fittings, per linear foot	\$
		(dollars)	_
		and (cents)	_
		(\$	_
1c	700 lb.	Additional fittings, per pound	\$
		(dollars)	_
		and	
		(cents)	_
		(\$	_
2		Pipe Insulation:	
2a	100 l.f.	Pipe insulation, per linear foot	\$
		(dollars)	_
		and (cents)	_
		_(\$	_
3		Hydrants and Valves:	
3a	4 hydrants	New hydrant, per hydrant	\$
		(dollars)	_
		and	
		(cents)	_
		(\$	_

<sup>\*</sup>Quantity assumed for comparison of bids. \*\*The unit prices in Items 5a(1), 6a(1), 6b(1), 6c(1) and 7d(1) are the minimum allowed for each item. The bidder may add to each minimum in Items 5a(2), 6a(2), 6b(2), 6c(2) and 7d(2).

Item No.	Estimated Quantity*	Brief Description Unit or Lump Sum Price Bid in Both Words and Figures	Total in Figures
3b	1 hydrant	Remove existing hydrants, per hydrant	\$
		(dollars)	_
		and (cents)	<del>_</del>
		(\$ )	
3c	5 Each	8-inch gate valves, per valve	\$
		(dollars)	_
		and	_
		(cents)	
		(\$	_
3d	5 Each	6-inch gate valves, per valve	\$
		(dollars)	_
		and (cents)	_
		(\$ )	
4		Service Connections:	_
4a	1 unit	2-inch corporation stops, per unit	\$
		(dollars)	_
		and	_
		(cents)	
		(\$	_
4b	1 unit	2-inch curb stops, per unit	\$
		(dollars)	_
		and	_
		(cents)	
		(Ψ	_

<sup>\*</sup>Quantity assumed for comparison of bids. \*\*The unit prices in Items 5a(1), 6a(1), 6b(1), 6c(1) and 7d(1) are the minimum allowed for each item. The bidder may add to each minimum in Items 5a(2), 6a(2), 6b(2), 6c(2) and 7d(2).

Item No.	Estimated Quantity*	Brief Description Unit or Lump Sum Price Bid in Both Words and Figures	Total in Figures
4c	50 l.f.	1½-inch and 2-inch copper piping, per linear foot	\$
		(dollars)	_
		and	<u> </u>
		(cents) _(\$	
		(\$ )	_
5		Rock Excavation and Disposal:	
5a(1)	200 cu. yd.	Rock excavation and disposal, per cubic yard (minimum)**	\$ 12,000
		Sixty	
		(dollars)	
		and zero (cents)	<u> </u>
		(\$ 60.00 )	
5a(2)	200 cu. yd.	Rock excavation and disposal, per cubic yard (additional)**	\$ 
		(dollars)	<u> </u>
		and	
		(cents)	_
		(\$	<u> </u>
6		Water Main Trench Earthwork:	
6a(1)	200 cu. yd.	Unsuitable material above normal grade, per cubic yard (minimum)** eight	\$ 1,600
		(dollars)	
		and zero (cents)	<u> </u>
		(\$ 8.00 )	<u> </u>

<sup>\*</sup>Quantity assumed for comparison of bids. \*\*The unit prices in Items 5a(1), 6a(1), 6b(1), 6c(1) and 7d(1) are the minimum allowed for each item. The bidder may add to each minimum in Items 5a(2), 6a(2), 6b(2), 6c(2) and 7d(2).

Item No.	Estimated Quantity*	Brief Description Unit or Lump Sum Price Bid in Both Words and Figures	Total in Figures
6a(2)	200 cu. yd.	Unsuitable material above normal grade, per cubic yard (additional)**	\$
		(dollars)	_
		and	
		(cents)	_
		(\$	_
6b(1)	100 cu. yd.	Unsuitable material below normal grade, per cubic yard (minimum)** eight	\$ 800
		(dollars)	_
		and zero	_
		(cents)	
		(\$ 8.00 )	_
6b(2)	100 cu. yd.	Unsuitable material below normal grade, per cubic yard (additional)**	\$
		(dollars)	_
		and	
		(cents)	_
		(\$	_
6c(1)	100 cu. yd.	Additional earthwork below normal grade, per cubic yard (minimum)**  Eight  (dollars)	\$ 800
		and zero	
		(cents)	_
		(\$ 8.00 )	
			_

<sup>\*</sup>Quantity assumed for comparison of bids. \*\*The unit prices in Items 5a(1), 6a(1), 6b(1), 6c(1) and 7d(1) are the minimum allowed for each item. The bidder may add to each minimum in Items 5a(2), 6a(2), 6b(2), 6c(2) and 7d(2).

Item No.	Estimated Quantity*	Brief Description Unit or Lump Sum Price Bid in Both Words and Figures	Total in Figures
6c(2)	100 cu. yd.	Additional earthwork below normal grade, per cubic yard (additional)**	\$
		(dollars)	_
		and	
		(cents)	_
		_(\$	_
6d	100 cu. yd.	Additional crushed stone, per cubic yard	\$
		(dollars)	_
		and	
		(cents)	=
		_(\$ )	_
6e	100 cu. yd.	Test pits, per cubic yard	\$
		(dollars)	_
		and	
		(cents)	_
		_(\$	_
7		<b>Environmental Improvement No.1:</b>	
7a	18,000 cu. yd.	Wetland/Roadway Area Excavation (cut), per cubic yard	\$
		(dellara)	_
		(dollars)	
		and (cents)	_
		(\$ )	
		(Ψ	_

<sup>\*</sup>Quantity assumed for comparison of bids. \*\*The unit prices in Items 5a(1), 6a(1), 6b(1), 6c(1) and 7d(1) are the minimum allowed for each item. The bidder may add to each minimum in Items 5a(2), 6a(2), 6b(2), 6c(2) and 7d(2).

Item No.	Estimated Quantity*	Brief Description Unit or Lump Sum Price Bid in Both Words and Figures	Total in Figures
7b	2,200 cu. yd.	Wetland/Roadway Area, Embankment (fill), per cubic yard	\$
		(dollars)	_
		and	
		(cents)	_
		(\$	_
7c	5,100 cu. yd.	Wetland/Roadway Area, Management and Transport of Excess Material, per cubic yard	\$
		(dollars)	_
		and	
		(cents)	_
		(\$	_
7d(1)	5,100 cu. yd.	Wetland/Roadway Area Excess Material Disposal Fees, per cubic yard	\$28,050
		Five (dollars)	_
		and Fifty (cents)	_
		(\$ 5.50 )	_
7d(2)	5,100 cu. yd.	Wetland/Roadway Area Excess Material Disposal Fees (Additional), per cubic yard	\$
		(dollars)	_
		and	
		(cents)	_
		(\$	_

<sup>\*</sup>Quantity assumed for comparison of bids. \*\*The unit prices in Items 5a(1), 6a(1), 6b(1), 6c(1) and 7d(1) are the minimum allowed for each item. The bidder may add to each minimum in Items 5a(2), 6a(2), 6b(2), 6c(2) and 7d(2).

Item No.	Estimated Quantity*	Brief Description Unit or Lump Sum Price Bid in Both Words and Figures	Total in Figures
7e	Lump sum	Wetland/Embankment Area Loaming, Seeding and Planting, Lump Sum	\$
		(dollars)	-
		and	-
		(cents)	
8		Environmental Improvement No.2:	-
8a	Lump Sum	Bioretention Areas at Roadway, Lump Sum	\$
		(dollars) and (cents)	-
		(\$	-
9		<b>Environmental Improvement No.3:</b>	
9a	Lump Sum	Amphibian Crossings, Lump Sum	\$
		(dollars)	-
		(cents)	<del>-</del>
		(\$	-
10		<b>Environmental Improvement No.4:</b>	
10a	10,700 cu. yd.	Sandy Hill Fill and Grading, per cu. yd.	\$
		(dollars) and	-
		(cents)	
		(\$	-

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<sup>\*</sup>Quantity assumed for comparison of bids. \*\*The unit prices in Items 5a(1), 6a(1), 6b(1), 6c(1) and 7d(1) are the minimum allowed for each item. The bidder may add to each minimum in Items 5a(2), 6a(2), 6b(2), 6c(2) and 7d(2).

Item No.	Estimated Quantity*	Brief Description Unit or Lump Sum Price Bid in Both Words and Figures	Total in Figures
10b	Lump Sum	Sandy Hill Loaming and Seeding, Lump Sum	\$
		(dollars)	_
		and (cents)	_
		(\$ )	
10c	Lump Sum	Sandy Hill Parking Area, Lump Sum	
		(dollars)	<u> </u>
		and	_
		(cents)	
		(\$	_
11		<b>Environmental Improvement No.5:</b>	
11a	Lump Sum	Grassed Swales, Lump Sum	\$
		(dollars)	_
		and	_
		(cents)	
		(\$	_
12		Pavement:	
12a	920 ton	Type 1: Subbase, per ton	\$
		(dollars)	_
		and	_
		(cents)	
		_(\$	_
12b	300 ton	Type 1: Binder Course, per ton	\$
		(dollars)	_
		and	_
		(cents)	
		(\$	_

<sup>\*</sup>Quantity assumed for comparison of bids. \*\*The unit prices in Items 5a(1), 6a(1), 6b(1), 6c(1) and 7d(1) are the minimum allowed for each item. The bidder may add to each minimum in Items 5a(2), 6a(2), 6b(2), 6c(2) and 7d(2).

Item No.	Estimated Quantity*	Brief Description Unit or Lump Sum Price Bid in Both Words and Figures	Total in Figures
12c	180 ton	Type 1: Top Course, per ton	\$
		(dollars)	-
		and	-
		(cents)	
		(\$	<u>-</u>
12c	3,050 l.f.	Type 2: Temporary Trench Pavement, per liner foot	\$
		(dollars)	-
		and	
		(cents)	-
		(\$	
12d	6,360 sq. yd.	Type 2: Pulverization, per square yard	\$
		(dollars)	-
		and	
		(cents)	<del>-</del>
		_(\$	_
12e	1,030 ton	Type 2: Binder Course, per ton	\$
		(dollars)	_
		and	
		(cents)	-
		(\$	
12f	620 ton	Type 2: Top Course, per ton	\$
		(dollars)	-
		and	
		(cents)	-
		(\$	
			=

<sup>\*</sup>Quantity assumed for comparison of bids. \*\*The unit prices in Items 5a(1), 6a(1), 6b(1), 6c(1) and 7d(1) are the minimum allowed for each item. The bidder may add to each minimum in Items 5a(2), 6a(2), 6b(2), 6c(2) and 7d(2).

Item No.	Estimated Quantity*	Brief Description Unit or Lump Sum Price Bid in Both Words and Figures	Total in Figures
13		Dust Control:	
14a	200 pound	Calcium chloride, per pound	\$
		(dollars)	_
		and	_
		(cents)	_
14		<b>Environmental Protection:</b>	
14a	Lump Sum	Erosion and Sediment Controls, Lump Sum	\$
		(dollars)	_
		and	
		(cents)	_
		(\$	_
15		Culvert Slip Lining:	
15a	Lump Sum	Culvert Slip Lining, Culvert #1, Lump Sum	\$
		(dollars)	_
		and zero	_
		(cents)	_
		(\$	_
15b	Lump Sum	Culvert Slip Lining, Culvert #2, Lump Sum	\$
		(dollars)	_
		and zero	
		(cents)	_
		(\$	_

<sup>\*</sup>Quantity assumed for comparison of bids. \*\*The unit prices in Items 5a(1), 6a(1), 6b(1), 6c(1) and 7d(1) are the minimum allowed for each item. The bidder may add to each minimum in Items 5a(2), 6a(2), 6b(2), 6c(2) and 7d(2).

Item No.	Estimated Quantity*	Brief Description Unit or Lump Sum Price Bid in Both Words and Figures		Fotal in Figures
15c	Lump Sum	Culvert Slip Lining, Culvert #3, Lump Sum		
		(dollars)		
		and zero		
		(cents)		
		(\$		
16		Gates:		
16a	Lump Sum	Steel Pipe Gate at Boston Post Road Entry	\$	
		(dollars)		
		and zero		
		(cents)		
		(\$		
16b	Lump Sum	Steel Pipe Gate at Transfer Station	\$	
		(dollars)		
		and zero		
		(cents)		
		_(\$		
17		Price Adjustments:		
17a	Allowance	Liquid Asphalt Price Adjustment Twelve Thousand		12,000
		(dollars)		
		and zero (cents)		
		(\$ 12,000 )		
		(0 12,000 )		
17b	Allowance	Diesel Fuel Price Adjustment Sixteen Thousand	\$	16,000
		(dollars)		
		and zero		
		(cents)		
		(\$ 16,000 )		

<sup>\*</sup>Quantity assumed for comparison of bids. \*\*The unit prices in Items 5a(1), 6a(1), 6b(1), 6c(1) and 7d(1) are the minimum allowed for each item. The bidder may add to each minimum in Items 5a(2), 6a(2), 6b(2), 6c(2) and 7d(2).

Item No.	Estimated Quantity*	Brief Description Unit or Lump Sum Price Bid in Both Words and Figures		Total in Figures
17c	Allowance	Gasoline Price Adjustment Fifteen Thousand		15,000
		(dollars)	_	
		and zero		
		(cents)		
		(\$ 15,000 )		
18		Clearing and Grubbing:		
18	4 Acres	Clearing and Grubbing, per acre	\$	
		(dollars)	_	
		and		
		(cents)		
		(\$		

<sup>\*</sup>Quantity assumed for comparison of bids. 
\*\*The unit prices in Items 5a(1), 6a(1), 6b(1), 6c(1) and 7d(1) are the minimum allowed for each item. The bidder may add to each minimum in Items 5a(2), 6a(2), 6b(2), 6c(2) and 7d(2).

#### TOTAL OF BID

				Dollars
and _		Cents (\$		)
	For alternate No	, which substitutes Item	for	
Add \$				; oi
Subtra	act \$			

The proposed contract price for all Items 1 through 18 inclusive is:

All entries shall be made clearly in ink or typewritten. Amounts are to be shown in both words and figures. In case of discrepancy between the prices written in words and those written in figures, the amount shown in words shall govern. In the event there is a discrepancy between the unit prices and the total sum of all of the items (the proposed contract price), the unit prices shall govern.

The above unit prices shall include all labor, materials, bailing, shoring, removal, overhead, profit, insurance, bond premiums, etc., to cover the finished work of the several kinds called for.

The Bidder understands that all bids for this project are subject to the applicable bidding laws of the Commonwealth of Massachusetts, including General Laws Chapter 30, Section 39M, as amended.

The contract will be awarded to the lowest eligible and responsible bidder.

The Bidder understands that the Owner reserves the right to reject any or all bids and to waive any informalities in the bidding.

The Bidder agrees that this bid shall be good and may not be withdrawn for a period of 30 days, Saturdays, Sundays and legal holidays excluded, after the opening of bids.

Within 10 days of receipt of the written notice of acceptance of this bid, the Bidder will execute the formal agreement attached in Section 00520 AGREEMENT and provide the requisite payment and performance bonds and certificates of insurance.

Bid security is attached in the sum of five percent (5%) of the total bid in accordance with the conditions of Section 00200 INSTRUCTIONS TO BIDDERS. The bid security may become the property of the Owner in the event the contract and bond are not executed within the time set forth above.

The selected Contractor shall furnish a performance bond and a payment bond in an amount at least equal to one hundred percent (100%) of the contract prices in accordance with Section 00610 PERFORMANCE BOND, Section 00615 PAYMENT BOND, and as stipulated in Section 00700 GENERAL CONDITIONS of these specifications.

		ork as bid upon according to all the requirements of the plans and specifications.
1	1.	Have been in business under present name for years.
2		The names and addresses of all persons interested in the bid (if made by a partnership or corporation) as Principals, are as follows:

(Attach supplementary list if necessary)

3. The Bidder shall state below what work of a similar character to that included in the proposed contract it has done, and give references that will enable the Owner to judge its experience, skill and business standing (add supplementary page if necessary).

Completion Date	Project Name	Contract Amount	Design Engineer	Reference Name	Telephone No.
a					
1					
b					
_					
c					
d ·					
e					
f.					

Pursuant to M.G.L. CH. 62C, Sec 49A, the undersigned Bidder certifies under the penalties of perjury that he is in compliance with all laws of the Commonwealth relating to taxes, reporting of employees and contractors, and withholding and remitting child support.

The undersigned Bidder hereby certifies that (1) it is able to furnish labor that can work in harmony with all other elements of labor employed or to be employed in the work; (2) that all employees to be employed at the worksite will have successfully completed a course in construction safety and health approved by the United States Occupational Safety and Health Administration that is at least 10 hours in duration at the time the employee begins work and who shall furnish documentation of successful completion of said course with the first certified payroll report for each employee; and 3) that all employees to be employed in the work subject to this bid have successfully completed a course in construction safety and health approved by the United States Occupational Safety and Health Administration that is at least 10 hours in duration.

The undersigned Bidder hereby certifies, under pains and penalties of perjury, that the foregoing bid is based upon the payment to laborers to be employed on the project of wages in an amount no less than the applicable prevailing wage rates established for the project by the Massachusetts Department of Labor and Workforce Development. The undersigned bidder agrees to indemnify the awarding authority for, from and against any loss, expense, damages, actions or claims, including any expense incurred in connection with any delay or stoppage of the project work arising out of or as a result of (1) the failure of the said bid to be based upon the payment of the said applicable prevailing wage rates or (2) the failure of the bidder, if selected as the Contractor, to pay laborers employed on the project the said applicable prevailing wage rates.

The undersigned certifies under penalties of perjury that this bid is in all respects bona fide, fair and made without collusion or fraud with any other person. As used in this paragraph the word "person" shall mean any natural person, joint venture, partnership, corporation or other business or legal entity.

The undersigned further certifies under penalty of perjury that the said undersigned is not presently debarred from doing public construction work in the Commonwealth of Massachusetts under the provisions of Section Twenty-Nine F of Chapter Twenty-Nine, Section 25C (10) of Chapter 152 (workers' compensation) or any other applicable debarment provisions of any other Chapter of the General Laws or any rule or regulations promulgated thereunder.

Respectfully submitted:		
Date	By	
		(Signature)
		(Name - Typed or Printed)
(SEAL - if bid is by a corporation)		(Title)
, J 1 /		(Business Name)
		(Federal ID Number)
		(Business Address)
		(City and State)
		(Telephone Number)
		(Fax Number)

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