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

ADDENDUM NO. 1

* * * * *

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

SPECIFICATIONS

SECTION 00410 - FORM OF GENERAL BID

1. REPLACE Section 00410 with the attached Section 00410.

SECTION 01270 – FORM OF GENERAL BID

1. ADD the following after the end of paragraph 1.26.B.:

1.27 CLEARING AND GRUBBING

A. Work under this item shall be measured per acre of land cleared and grubbed for all work associated with the removal of all trees, vegetation and stumps that are in conflict with the proposed work. Payment shall be per acre of land cleared under the item "Clearing and Grubbing."

QUESTIONS AND ANSWERS

1. QUESTION: "Is the parking area a gravel parking area per drawing C3.00 or a paved parking area per drawing C5.00?"

ANSWER: The parking area is a paved parking area per drawing C5.00. The words "Proposed Gravel Surface" should be deleted from sheet C3.00.

2. QUESTION: "Please clarify the locations for the straw wattles. The locations shown on drawing C2.00 are different from all of the smaller scale plans. If they are needed in all these locations, please add them to the smaller scale plans as it is hard to get an accurate takeoff on the large scale plan."

ANSWER: The locations shown on C2.00 shall be relied upon for purposes of determining approximate locations of straw wattles, and lengths are approximate. The contractor shall provide straw wattles in sufficient quantity to meet the requirements of the plans and of Section 01570.

3. QUESTION: "Does the "wetland planting table" on drawing C4.00 cover all of the plants on this project?"

ANSWER: No. This table covers only the plantings located within the area hatched on Sheet C4.00, and labeled "Proposed Planting Area (Shown Hatched)..."

4. QUESTION: "I visited the project site yesterday and noticed the area is wooded. Is the clearing and grubbing going to be done by others? If not, how does the contractor get paid for the clearing and grubbing?"

ANSWER: The contractor will be required to perform all clearing and grubbing associated with this work. See additional information in this addendum for clarification on this topic.

5. QUESTION: "The plans call for us to install 2" and 6" water service to the existing transfer station building. How do we terminate these services? Do we cap them just outside the building? If we need to bring them inside the building, please provide a detail for this work."

ANSWER: The contractor shall reconnect these services to existing services outside the building.

6. QUESTION: "Will bid item 1C be used to pay for the fittings, if required, to be installed for the water main that goes below the amphibian crossings and above the existing culverts?"

ANSWER: All fittings that the contractor deems necessary to install the water main to get around obstructions that are depicted on the plans shall be paid under item 1a. The bidders' attention is called to Section 01270, subsection 1.02(C) for further clarification regarding item 1c.

7. QUESTION: "Will HDPE pipe be allowed as an alternative to the specified 8" DI pipe?"

ANSWER: No. The town standard is Ductile Iron Pipe as specified.

8. QUESTION: "Under the measurement and payment section, page 01270-9, 1.20 D, states that "offsite hauling shall include trips between the project site and disposal site up to 5 miles distant." Does this mean the Town has a disposal site where we are supposed to take the excess material? If not can you please clarify this payment section in regards to the 5 miles?"

ANSWER: The town has an existing arrangement with a disposal facility within 5 miles of the project site.

9. QUESTION: "Under the measurement and payment section, page 01270-9, 1.20 E, says we are to carry the unit price established for the disposal of excess material described under 1.20 D. Why would there be a disposal fee if the Town owns the property that is 5 miles away? Please clarify this item?"

ANSWER: The town has an existing price agreement with the disposal facility mentioned in the previous response. The cost that the contractor is asked to carry will cover this disposal fee.

10. QUESTION: "There appears to be clearing and grubbing required on this project. The tree lines are not indicated on the plans. Can you please provide the limits of clearing and grubbing? Can you please provide a pay item for this work?"

ANSWER: The bid form has been revised to cover clearing and grubbing, paid by acre, for the estimated number of acres for this work to be performed. Bidders are encouraged to visit the site to become familiar with the limits and type of vegetation that will require clearing. 11. QUESTION: "Would you consider allowing crushed concrete as a structural fill. In case you have not worked with crushed concrete it is a clean bi product produced by Aggregate industries that meets the Mass Highway Structural Fill analysis."

ANSWER: Crushed concrete will be allowed as structural fill, provided that the contractor is able to submit documentation demonstrating that is has been approved for its intended use by MassDOT, or that it meets a specification for the intended use by MassDOT.

12. QUESTION: "What Benchmarks would you like us to reach prior to the November 15 Deadline? Weather permitting, will any work be allowed during the winter months?"

ANSWER: The following schedule and sequencing considerations shall supersede the Town will be flexible with the project schedule, but at minimum will require the completion of the following work prior to November 15:

- a. Environmental Improvement No. 1, except final loaming, seeding and planting (Bid Items no. 7a-7d)
- b. Sandy Hill Fill and Grading (Bid Item no. 10a)
- c. Culvert Slip-Lining (Bid Items no. 15a-15c)
- d. Construction of water mains and trench pavement patching within paved areas.

If weather permits, the contractor may be allowed to continue work beyond November 15, but only with prior approval from the town. The contractor shall stabilize disturbed areas on the site with temporary erosion and sediment controls for the winter to accomplish the objectives described in Section 01570, including slope matting/protection as detailed on the plans. All erosion and sediment control measures required to accomplish the objectives described in 01570 shall be paid on a lump sum basis under the item "Erosion and Sediment Controls." Final planting shall occur after April 1, 2019. Substantial completion shall occur on or before June 1, 2019.

13. QUESTION: "Our estimator is on vacation, what is the deadline for questions in case he has any?"

ANSWER: We cannot guarantee that we will have sufficient time to address any questions received after 9am on Tuesday, August 6, 2018.

14. QUESTION: "Can we go with 27" HDPE sleeves?"

ANSWER: HDPE sleeves with a 27" I.D. will be accepted as a substitute for the HDPE sleeves currently indicated on the plans at culverts no. 1, 2 and 3.

END OF ADDENDUM NO. 1

TOWN OF WAYLAND, MASSACHUSETTS

WESTON & SAMPSON ENGINEERS, INC. PEABODY, MASSACHUSETTS

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SECTION 00410 FORM OF GENERAL BID

Proposal of	(hereinafter called "Bidder")*
()	a corporation, organized and existing under the laws of the State of
()	a partnership
()	a joint venture
()	a limited liability company
()	an individual doing business as
*Insert corpor	ation, partnership, 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.

**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)	_
		and	_
		(cents)	
		(\$)	_

*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
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)	
		(\$)	

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)	_
		(\$)	
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)	
		(\$)	_

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

Item No.	Estimated Quantity*	Brief Description Unit or Lump Sum Price Bid in Both Words and Figures	Tot	al 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)**	\$	800
		eight		
		(dollars)		
		and zero	_	
		(cents) (\$ 8.00)		
		(\$ 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)**	\$	800
		Eight (dollars)	_	
		and zero		
		(cents)	_	
		(\$ 8.00)		
			_	

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)	_
		(cents) (\$)	_
6d	100 cu. yd.	Additional crushed stone, per cubic yard	\$
		(dollars) and	_
		(cents) (\$)	_
6e	100 cu. yd.	Test pits, per cubic yard	\$
		(dollars)	_
		(cents) (\$)	_
7		Environmental Improvement No.1:	
7a	18,000 cu. yd.	Wetland/Roadway Area Excavation (cut), per cubic yard	\$
		(dollars)	_
		and	_
		(cents) (\$	
			_

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 Five	\$28,050
		(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)	_
		(\$)	-

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	\$
		(dollars)	_
		and	_
		(cents)	
		(\$)	-
8		Environmental Improvement No.2:	
8a	Lump Sum	Bioretention Areas at Roadway	\$
		(dollars)	-
		and	_
		(cents) (\$)	
9		Environmental Improvement No.3:	-
9a	Lump Sum	Amphibian Crossings	\$
		(dollars)	-
		and	_
		(cents)	
		(\$)	-
10		Environmental Improvement No.4:	
10a	10,700 cu. yd.	Sandy Hill Fill and Grading	\$
		(dollars)	-
		and (cents)	-
		(\$)	

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	\$
		(dollars)	
		and (cents)	
		(\$)	_
10c	Lump Sum	Sandy Hill Parking Area	\$
		(dollars) and	_
		(cents)	_
		(\$)	_
11		Environmental Improvement No.5:	
11a	Lump Sum	Grassed Swales	\$
		(dollars)	_
		and (cents)	_
		(\$)	_
12		Pavement:	
12a	920 ton	Type 1: Subbase	\$
		(dollars)	
		and (cents)	
)	
12b	300 ton	Type 1: Binder Course	\$
		(dollars)	
		and	
		(cents)	
		(\$)	

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	\$
		(dollars)	_
		(cents) (\$)	_
12d	6,360 sq. yd.	Type 2: Pulverization	\$
		(dollars)	_
		(\$)	_
12e	1,030 ton	Type 2: Binder Course	\$
		(dollars) and	_
		(\$)	_
12f	620 ton	Type 2: Top Course	\$
		(dollars) and	_
		(\$)	_
13		Dust Control:	_
14a	200 pound	Calcium chloride, per pound	\$
		(dollars)	_
		(\$)	_

Item No.	Estimated Quantity*	Brief Description Unit or Lump Sum Price Bid in Both Words and Figures	Total in Figures
14		Environmental Protection:	
14a	Lump Sum	Erosion and Sediment Controls	\$
		(dollars)	_
		(cents) (\$)	_
15		Culvert Slip Lining:	
15a	Lump Sum	Culvert Slip Lining, Culvert #1, Lump Sum	\$
		and zero	_
		(cents) (\$)	_
15b	Lump Sum	Culvert Slip Lining, Culvert #2, Lump Sum	\$
		(dollars)	_
		and zero (cents)	_
15c	Lump Sum	(\$) Culvert Slip Lining, Culvert #3, Lump Sum	\$
		(dollars)	_
		and zero (cents)	_
		(\$)	_

Item No.	Estimated Quantity*	Brief Description Unit or Lump Sum Price Bid in Both Words and Figures	e Total in Figures
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	\$ 12,000
		Twelve Thousand	
		(dollars)	
		and zero	
		(cents)	
		(\$ 12,000)	
17b	Allowance	Diesel Fuel Price Adjustment	\$ 16,000
		Sixteen Thousand	
		(dollars)	
		and zero	
		(cents)	
		(\$ 16,000)	
17c	Allowance	Gasoline Price Adjustment	\$ 15,000
		Fifteen Thousand	
		(dollars)	
		and zero	
		(cents)	
		(\$ 15,000)	

Addendum No. 1

18	4 Acres	Clearing and Grubbing, per acre	\$
		(dollars)	
		(uonais)	
		and	
		(cents)	
		_(\$)

TOTAL OF BID

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

			Dollars
and		Cents (\$).
	For alternate No.	, which substitutes Item for	,
Add \$; or
Subtr	act \$		

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.

The undersigned offers the following information as evidence of its qualifications to perform the work as bid upon according to all the requirements of the plans and specifications.

- 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 Project Name Date	Contract Amount Design Engineer	Reference Name	Telephone No.
a			
·			
b			
<u>.</u>			
c			
<u>·</u>			
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 approved by the United States of 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:

(Fax Number)

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