

SALEM MUNICIPAL SERVICES

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2018 ROADWAY IMPROVEMENT PROJECT SALEM, NH

ADDENDUM No. 1

January 11, 2018

This Addendum forms part of the Bidding and Contract Documents and modifies the Drawings and Contract and Specifications for the 2018 Roadway Improvement Project – Garabedian Drive. The items set forth herein, whether of omission, addition, substitution or clarification, are all to be included in and shall form part of the proposed work and Bids submitted to the Town of Salem, New Hampshire. Inclusion of this Addendum shall be acknowledged by inserting its number in the space provided in the Bid Proposal form (Section 00301A). Failure to acknowledge any and all addenda in the above specified Bid Proposal form may be cause for rejection of the bid by the Owner on the grounds that it is not responsive.

ADDEDNDUM No. 1

Bidders are advised the following clarifications and changes are generated by questions at the pre-bid meeting on January 10, 2018 and are hereby incorporated into the CONTRACT DOCUMENTS AND SPECIFICATIONS:

1. **Insert** the attached Section 00301A (Bid) in the CONTRACT DOCUMENTS AND SPECIFICATIONS and **Discard** the original version of Section 00301A.

The revised document adds quantities not shown in the original document.

2. **Insert** the attached Supplemental Specification 603 – Culverts and Storm Drains in the CONTRACT DOCUMENTS AND SPECIFICATIONS and **Discard** the original version of the Section.

The revised document clarifies payment of video inspection by Day.

3. **Invasive Species Mitigation Plan:** Will an invasive plan be required to support invasive species removal (Item 201.882)?

No, a mitigation plan was not intended. Invasive species removal and disposal shall be conducted per the State guidelines.

4. **Jetting existing Lines:** There is an item for Video Inspection of Sewer and Drain Lines. If jetting of the lines is required because the camera cannot pass, how will the jetting be paid?

If jetting becomes necessary to support Video Inspection the Town will have its jet-vac truck on standby.

5. **Mailbox R&R:** There is no item for R & R Mailboxes. If necessary, how will this be paid?

There are no mailboxes to be reset.

6. **Line Striping:** The plans show a DYL and SWL for pavement markings on the roadway, but there is no item.

The attached bid section 00301A (Bid) has been updated to include 4" paint line.

7. **Drainage Pipe:** Sheet C2 shows to extend the existing culvert at STA 12+00 RT to 36'Rt. There is no pay item for any pipe on the bid from.

The plan shall be revised such that extension of the existing pipe does not occur. A headwall will be installed on the end of the existing pipe as indicated on the contract drawings. The Contractor shall match the existing invert.

8. **Exploratory Excavation:** Sheet D4, Construction Sequence Note 5 states conduct test pitting operations. There is no Exploratory Excavation item, will test pitting be required.

The Construction Sequence Notes are standard notes reflecting the order of events should they be present. Similar items in the spec book in various sections that identify 'boiler plate' language. Exploratory Excavation (test pits) are not included in the contract.

9. **Gravel Shoulder:** Roadway Detail shows a 2' gravel shoulder. There is no shoulder gravel item, how will this be paid.

For clarification, the Contractor is directed to utilize the windrow of reclaim from fine grade operations to create a 2-foot crushed gravel shoulder. Embankment In place (Item 203.6) quantities have been reviewed and revised to reflect this intent.

10. **Cul-de-Sac Removal:** How is removal of the cul-de-sac (STA 23+00 – 24+00) paid? Will this area be restored with loam and seed and payable under Turf Establishment?

The portion of the cul-de-sac outside of the existing road width will effectively be triple paid. It will be reclaimed. The reclaim will be recovered and it will be used as embankment in nearby shoulder widening. The area will be loamed and seed upon completion of excavation activities. Quantities have been back checked and are correct.

11. **Hydrant Relocation:** Will the hydrant at 22+90 RT be relocated?

Any water work will be added after the Work has been started. Scope and fee will be negotiated at that time. It is expected that 2 hydrants will be replaced.

12. Shoulder Grading: Sheet C2 has a note to grade shoulder @5%, retain stone walls, remove brush, retain trees between STA 6 + 50 – 16 + 00 LT & RT. How is this work getting paid?

The item is paid as common excavation. Quantity is shown on the note. Brush removal is paid as common excavation as defined in Supplemental Specification 201 – Clearing and Grubbing. Quantities have been back checked and are correct.

13. Pavement Section: What is the paving typical section?

Pavement section is shown on Sheet D1 of the design plans. Pavement thickness will be 5.5" (2" $\frac{1}{4}$ " base, 2" $\frac{3}{4}$ " binder, 1.5" $\frac{1}{2}$ " wearing.)

14. Bituminous Tack Coat: Will tack be required between all lifts?

Yes, tack is required between all lifts as shown on the typical detail on Sheet D1 of the design plans and identified in the specification.

****END OF ADDENDA NO. 1****

Bid Schedule

2018 Roadway Improvement Project - Garabedian Drive
Salem, New Hampshire

ITEM	DESCRIPTION	EST. QTY.	UNIT	UNIT PRICE		Figures	(Figures)	
				Words				
BASE BID - SECTION 1								
201.02	Grubbing	120	SY					
202.21	Remove Small Tree (5"-23")	6	EA					
201.4	Removal of Stumps	6	EA					
201.882	Invasive Species Removal (Type II)	200	SY					
203.1	Common Excavation for Driveways	300	CY					
203.11	Common Excavation (F)	487	CY					
203.6	Embankment in Place	375	CY					
214	Fine Grading	1	UNIT					
304.4	Crushed Stone Fine	200	CY					
306.11	Reclaimed Stabilized Base In-Place (10" Deep)	12146	SY					
403.11	3/4" Permanent Binder or Base Pavement	2425	TONS					
403.11	1/2" HBP Wearing Course	910	TONS					
403.12	HBP Hand Method	250	TONS					
417	Cold Planing (at intersections)	50	SY					
585.3	Class C Stone Fill	10	CY					
603.0001	Video Inspection of Sewer and Drain Lines	2	DAY					
604.0007	Polyethylene Liner	17	EA					
604.4	Reconstructing/Remodel Catch Basins	6	EA					
604.45	Adjust Catch Basin Grates & Frames	4	EA					
604.5	Adjust Manhole (Drain or Sewer)	9	EA					
604.6	New Frame & Cover (Drain or Sewer)	4	EA					

ITEM	DESCRIPTION	EST. QTY.	UNIT	UNIT PRICE		Figures	EXTENDED TOTAL (Figures)
				Words			
604.72	New Frame & Grate, Type B	11	EA				
611.90001	Adjust valve boxes	9	EA				
611.90002	New Valve Boxes	5	EA				
615.032	Traffic Sign, Type C w/Break away post	20	SF				
618	Uniformed Police for Traffic Control	ALLOWANCE		Fifteen Thousand Dollars and zero cents		\$15,000.00	\$15,000.00
619.1	Maintenance of Traffic	1	LS				
628.2	Sawed Bituminous Pavement	500	LF				
632.0104	4" Paint Line	10000	LF				
632.3118	Retroreflective Thermoplastic Pavment (18" Stop)	30	LF				
645.441	Sediment Filter Logs	15	EA				
645.531	Silt Fence	150	LF				
645.533	Inlet Filter Baskets	17	EA				
646.512	Turf Establishment w/ Mulch, Tackifiers, & Loam	7945	SY				
692	Mobilization	1	LS				
900	Precast headwall (12"-18")	2	EA				
912	Landscape (remove and reset)	1	LS				
1010.2	Asphalt Cement Adjustment	ALLOWANCE		Five Thousand Dollars and zero cents		\$5,000.00	\$5,000.00
TOTAL AMOUNT (BASE BID SECTION 1)							

Key to Units: LF = Linear Feet; VF = Vertical Feet; SY = Square Yards; CY = Cubic Yards; LS = Lump Sum; EA = Each

SUPPLEMENTAL SPECIFICATION

AMENDMENT TO SECTION 603 – CULVERTS AND STORM DRAINS

Add section 603.2.13

2.13 Field cores into existing drain structures shall include necessary neoprene boot and hardware to install.

Add section 603.3.1.3.1

3.1.3.1 Refer to design drawings for installation. Where a conflict exists between Figure 1 and the design drawings the design drawings shall govern.

Add section 603.3.1.3.2

3.1.3.2 Delete subsidiary depth references from Figure 1.

Add section 603.3.11

3.11 Field cores into existing structures will be neatly cut with a circular hole saw. Use of a pipe saw, sledge hammer, jack hammer or other tools which cut a crude irregular shaped hole will not be allowed. Field cores shall be large enough to receive the new pipe and neoprene boot.

Replace Section 4.3 with the following:

4.3 Video inspection will be measured by the day to the nearest $\frac{1}{2}$ day based on an 8 hour work day commencing from the actual start time on-site.

Add section 603.4.4

4.4 Field cores into existing structures shall not be measured for payment except where specifically provided for in the bid. Where cores are authorized for payment they shall be measured by the number of cores completed.

Amend section 603.5.1 by **replacing** “specified in 206.4.1” in the first sentence with “required to complete the installation as indicated on the plans”

Eliminate section 5.1.2

Replace Section 5.1.3 with the following:

5.1.3 Granular backfill, when specified or ordered, will be subsidiary.

Delete section 603.5.3 and **replace** with:

5.3 "Where deficient work has been determined through video inspection, the Contractor shall absorb all costs associated with video inspection. Where work has been determined to be acceptable costs for video shall be paid at the Contract unit price per day and will include all required labor, equipment and materials.

Add section 603.5.3.1

5.3.1 Where an item does not exist for video inspection payment shall be in accordance with Section 109 based on Subcontractor invoicing or Contract labor hours and equipment rates.

Add section 603.5.3.2

5.3.2 No additional compensation shall be provided for video inspection where a pipe is currently in service.

Amend section 603.5.8.1 by **adding** "No additional compensation shall be provided where additional suitable material is located within the project work area." after the last sentence.

Add section 603.5.9

5.9 Where specifically provided for in the Contract, field cores into existing structures of the size required for the pipe installed will be paid for at the Contract unit price for each field core, complete and in place inclusive of neoprene boot and all necessary hardware.