

# 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 - Captains Road, Captains Drive, Bonnano Road, Coburn Road, Pacheco Drive, Witch Hazel Rd, Doiron Road, Harris Road. 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. **SWPPP Report:** There is an item for SWPP Monitoring but no SWPPP. Will a SWPP be required?

**Yes a SWPPP report has been added to the attached Bid forms.**

3. **Quantity Sheets:** Is an itemized Quantity Sheet for each sheet available?

**Yes, refer to Appendix B in the Specification book.**

4. **Drain Pipe:** There is new 12" HDPE and 12" RCP shown on the plans. There is no item for either.

**The attached Bid forms have been revised to show missing pipe items.**

5. **Contract Award:** What is basis of the award?

**The Town intends on awarding all work so, the bids should be structured accordingly. The Town reserves the right to award the project on any combination of base and bid alternates.**

6. **Maximum Disturbance Area:** How much road can be opened at once?

**The amount of roadway allowed open will be a function of contractor performance, manpower, and schedule. The Town typically works with contractors to sequence work such that multiple roads can be paved at one time. If the Contractor is demonstrating minimal work effort with minimal manpower then as little as one road at a time will be allowed.**

7. **Vegetation Removal:** How will removal of vegetation along the shoulders on Coburn Street be paid?

**Brush removal is measured as common excavation by the cubic yard chipped. Quantities have been reviewed and are accurate.**

8. **Water for Construction:** Are there available sources of water?

**Water is supplied by the Town at the public works garage (21 Cross Street) or at the water treatment plant (160 N. Policy Street). Pulling water from adjacent surface waters is not permitted.**

9. **Asphalt Cement Adjustment:** Is asphalt adjustment based on the 2010 or 2016 NHDOT spec.?

**Asphalt adjustment is based principally from the 2010 NHDOT specification. Review the supplemental specification for how asphalt adjustment is considered and calculated.**

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

## Bid Schedule

**2018 Roadway Improvement Project - Neighborhood Roads**  
**Salem, New Hampshire**

| ITEM                        | DESCRIPTION  | EST. QTY. | UNIT | UNIT PRICE |  | Figures | (Figures) |  |
|-----------------------------|--|-----------|------|------------|--|---------|-----------|--|
|                             |  |           |      | Words      |  |         |           |  |
| <b>BASE BID - SECTION 1</b> |  |           |      |            |  |         |           |  |
| 201.02                      | Grubbing   | 2507      | SY   |            |  |         |           |  |
| 202.21                      | Remove Small Tree (5"-23")                             | 43        | EA   |            |  |         |           |  |
| 201.22                      | Remove Large Tree (over 24")                           | 8         | EA   |            |  |         |           |  |
| 201.321                     | Tree Trimming and Pruning                              | 1         | LS   |            |  |         |           |  |
| 201.4                       | Removal of Stumps                                      | 50        | EA   |            |  |         |           |  |
| 201.882                     | Invasive Species Removal (Type II)                     | 50        | SY   |            |  |         |           |  |
| 203.1                       | Common Excavation for Driveways                        | 320       | CY   |            |  |         |           |  |
| 203.11                      | Common Excavation                                      | 2708      | CY   |            |  |         |           |  |
| 203.2                       | Common Rock Excavation                                 | 1125      | CY   |            |  |         |           |  |
| 203.6                       | Embankment in Place                                    | 755       | CY   |            |  |         |           |  |
| 206.19                      | Exploratory Excavation (test pits)                     | 20        | CY   |            |  |         |           |  |
| 206.2                       | Rock Structure Excavation                              | 200       | CY   |            |  |         |           |  |
| 214                         | Fine Grading   | 1         | UNIT |            |  |         |           |  |
| 304.4                       | Crushed Stone Fine                                     | 1022      | CY   |            |  |         |           |  |
| 304.5                       | Crushed Stone Coarse                                   | 322       | CY   |            |  |         |           |  |
| 306.108                     | Reclaimed Stabilized Base In-Place (8" Deep)           | 4952      | SY   |            |  |         |           |  |
| 306.208                     | Reclaim, Remove and Rehandle Recl Stab Base (8" Deep)  | 3002      | SY   |            |  |         |           |  |
| 306.36                      | 1.5" Stone for Reclaimed stabilized base (as directed) | 450       | TONS |            |  |         |           |  |
| 403.11                      | 3/4" Permanent Binder or Base Pavement                 | 1883      | TONS |            |  |         |           |  |
| 403.11                      | 1/2" HBP Wearing Course                                | 1099      | TONS |            |  |         |           |  |
| 403.12                      | HBP Hand Method  | 230       | TONS |            |  |         |           |  |

| ITEM      | DESCRIPTION                                       | EST. QTY. | UNIT | UNIT PRICE                          |  | Figures      | (Figures)    |
|-----------|---|-----------|------|-------------------------------------|--|--------------|--------------|
|           |   |           |      | Words                               |  |              |              |
| 417       | Cold Planing                                      | 1520      | SY   |                                     |  |              |              |
| 508       | Structural Fill                                   | 500       | CY   |                                     |  |              |              |
| 572.1     | R&R Stone Wall                                    | 275       | LF   |                                     |  |              |              |
| 585.3     | Class C Stone Fill                                | 35        | CY   |                                     |  |              |              |
| 602.00412 | 12" RCP Drain Pipe                                | 105       | LF   |                                     |  |              |              |
| 603.83212 | 12" HDPE Drain Pipe                               | 655       | LF   |                                     |  |              |              |
| 603.9     | Field Core  | 1         | EA   |                                     |  |              |              |
| 604.0007  | Polyethylene Liner                                | 18        | EA   |                                     |  |              |              |
| 604.12    | Catch Basin                                       | 10        | EA   |                                     |  |              |              |
| 604.121   | Infiltration Catch Basin                          | 3         | EA   |                                     |  |              |              |
| 604.222   | Drop Inlet (2-foot diameter)                      | 3         | EA   |                                     |  |              |              |
| 604.32    | Drain Manhole                                     | 2         | EA   |                                     |  |              |              |
| 604.34    | Drain Structure, Change in Type                   | 1         | EA   |                                     |  |              |              |
| 604.4     | Reconstructing/Remodel Catch Basins               | 3         | EA   |                                     |  |              |              |
| 604.45    | Adjust Catch Basin Grates & Frames                | 3         | EA   |                                     |  |              |              |
| 604.72    | New Frame & Grate, Type B                         | 2         | EA   |                                     |  |              |              |
| 605.506   | 6" HDPE Underdrain (Unspecified)                  | 800       | LF   |                                     |  |              |              |
| 605.512   | 12" HDPE Underdrain                               | 10        | LF   |                                     |  |              |              |
| 609.813   | Bituminous Curb                                   | 1100      | LF   |                                     |  |              |              |
| 611.90001 | Adjust valve boxes                                | 3         | EA   |                                     |  |              |              |
| 615.032   | Traffic Sign, Type C w/Break away post            | 75        | SF   |                                     |  |              |              |
| 618       | Uniformed Police for Traffic Control              | ALLOWANCE |      | Fifty Thousand Dollars and no cents |  | \$ 50,000.00 | \$ 50,000.00 |
| 619.1     | Maintenance of Traffic                            | 1         | LS   |                                     |  |              |              |
| 622.55    | Reset Monuments                                   | 14        | EA   |                                     |  |              |              |
| 628.2     | Sawed Bituminous Pavement                         | 1250      | LF   |                                     |  |              |              |
| 632.3118  | Retroreflective Thermoplastic Pavement (18" Stop) | 180       | LF   |                                     |  |              |              |

| ITEM                                     | DESCRIPTION                                      | EST. QTY. | UNIT | UNIT PRICE                            |  | Figures     | (Figures)   |
|--|--|-----------|------|---------------------------------------|--|-------------|-------------|
|  |  |           |      | Words                                 |  |             |             |
| 645.441                                  | Sediment Filter Logs                             | 45        | EA   |                                       |  |             |             |
| 645.51                                   | Hay Bales  | 70        | EA   |                                       |  |             |             |
| 645.531                                  | Silt Fence                                       | 400       | LF   |                                       |  |             |             |
| 645.533                                  | Inlet Filter Baskets                             | 17        | EA   |                                       |  |             |             |
| 645.7                                    | Storm Water Polution Prevention Plan (SWPPP)     | 1         | UNIT |                                       |  |             |             |
| 645.71                                   | Monitoring SWPPP and Erosion & Sediment Controls | 150       | HR   |                                       |  |             |             |
| 646.512                                  | Turf Establishment w/ Mulch, Tackifiers, & Loam  | 11395     | SY   |                                       |  |             |             |
| 670.0662                                 | Relocate mailbox                                 | 37        | EA   |                                       |  |             |             |
| 692                                      | Mobilization                                     | 1         | LS   |                                       |  |             |             |
| 900                                      | Precast headwall (12"-18")                       | 5         | EA   |                                       |  |             |             |
| 912                                      | Landscape (remove and reset)                     | 1         | LS   |                                       |  |             |             |
| 1010.2                                   | Asphalt Cement Adjustment                        | ALLOWANCE |      | Fifteen Thousand Dollars and no cents |  | \$15,000.00 | \$15,000.00 |
| <b>TOTAL AMOUNT (BASE BID SECTION 1)</b> |  |           |      |                                       |  |             |             |

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

| ITEM   | DESCRIPTION                                       | EST. QTY. | UNIT | UNIT PRICE                        |  | Figures      | (Figures)    |  |
|--|---|-----------|------|-----------------------------------|--|--------------|--------------|--|
|  |   |           |      | Words                             |  |              |              |  |
| <b>BID ALTERNATE 1 - DOIRON ROAD AND HARRIS ROAD</b> |   |           |      |                                   |  |              |              |  |
| 201.22   | Remove Large Tree (over 24")                      | 1         | EA   |                                   |  |              |              |  |
| 201.4  | Removal of Stumps                                 | 2         | EA   |                                   |  |              |              |  |
| 203.1  | Common Excavation for Driveways                   | 25        | CY   |                                   |  |              |              |  |
| 203.11   | Common Excavation (F)                             | 177       | CY   |                                   |  |              |              |  |
| 203.2  | Common Rock Excavation                            | 50        | CY   |                                   |  |              |              |  |
| 214  | Fine Grading                                      | 1         | UNIT |                                   |  |              |              |  |
| 304.4  | Crushed Stone Fine                                | 25        | CY   |                                   |  |              |              |  |
| 306.108  | Reclaimed Stabilized Base In-Place (8" Deep)      | 1132      | SY   |                                   |  |              |              |  |
| 403.11   | 3/4" Permanent Binder or Base Pavement            | 183       | TONS |                                   |  |              |              |  |
| 403.11   | 1/2" HBP Wearing Course                           | 110       | TONS |                                   |  |              |              |  |
| 403.12   | HBP Hand Method                                   | 30        | TONS |                                   |  |              |              |  |
| 417  | Cold Planing (at intersections)                   | 100       | SY   |                                   |  |              |              |  |
| 572.1  | R&R Stone Wall                                    | 30        | LF   |                                   |  |              |              |  |
| 604.45   | Adjust Catch Basin Grates & Frames                | 1         | EA   |                                   |  |              |              |  |
| 604.5  | Adjust Manhole (Drain or Sewer)                   | 1         | EA   |                                   |  |              |              |  |
| 615.032  | Traffic Sign, Type C w/Break away post            | 20        | SF   |                                   |  |              |              |  |
| 618  | Uniformed Police for Traffic Control              | ALLOWANCE |      | Ten Thousand Dollars and no cents |  | \$ 10,000.00 | \$ 10,000.00 |  |
| 628.2  | Sawed Bituminous Pavement                         | 350       | LF   |                                   |  |              |              |  |
| 632.3118   | Retroreflective Thermoplastic Pavement (18" Stop) | 50        | LF   |                                   |  |              |              |  |
| 645.533  | Inlet Filter Baskets                              | 1         | EA   |                                   |  |              |              |  |
| 645.71   | Monitoring SWPPP and Erosion & Sediment Controls  | 10        | HR   |                                   |  |              |              |  |
| 646.512  | Turf Establishment w/ Mulch, Tackifiers, & Loam   | 1382      | SY   |                                   |  |              |              |  |
| 670.0662   | Relocate mailbox                                  | 6         | EA   |                                   |  |              |              |  |
| <b>TOTAL AMOUNT (BID ALTERNATE 1)</b>                |   |           |      |                                   |  |              |              |  |

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