



**Addendum #1**

**Issued January 17, 2017**

**Requests for Bids**

**Roadway Improvement Project**

**Haverhill Road and Klein Drive Reconstruction**

**Salem, New Hampshire**

**Notice to Bidders:**

This addendum No. 1 changes, clarifies and becomes part of the bid documents issued and dated December 2016, for the Roadway Improvement Project – Haverhill Road and Klein Drive Reconstruction. Receipt of this addendum must be acknowledged in the Bid Form.

**Bid Clarifications**

1. Section 00020, Invitation to Bid, Bids will be received at the office of the Building Department, Town Hall, 33 Geremonty Drive, Salem, New Hampshire until 11:00 AM on January 25<sup>th</sup>, 2017, at which time said Bids will be publicly opened and read aloud in the Knightly meeting room on the lower level.
2. Under Base Bid, Section 00301A - Bid, the quantities associated with Item 201.21, Removal of Small Trees has been increased to 6 EA. An updated Bid Form, pages 00301A-4 to 00301A-13, has been provided in entirety on green color paper. Bidders shall replace the Bid Form, pages 00301A-4 to 00301A-13, with the one provided in Addendum #1.
3. Under Base Bid, Section 00301A - Bid, the quantities associated with Item 201.22, Removal of Large Trees has been increased to 7 EA. An updated Bid Form, pages 00301A-4 to 00301A-13, has been provided in entirety on green color paper. Bidders shall replace the Bid Form, pages 00301A-4 to 00301A-13, with the one provided in Addendum #1.
4. Under Base Bid, Item 572.1 – Reconstructing Stonewall One Stone Wide has been added to the project bid items with a quantity of 450 LF. An updated Bid Form, pages 00301A-4 to 00301A-13, has been provided in entirety on green color paper. Bidders shall replace the Bid Form, pages 00301A-4 to 00301A-13, with the one provided in Addendum #1.
5. Under Base Bid, Section 00301A - Bid, the quantities associated with Item 572.2, Reconstructing Stone Wall Multiple Stones Wide has been decreased to 450 LF. An updated Bid Form, pages 00301A-4 to 00301A-13, has been provided in entirety on green color paper. Bidders shall replace the Bid Form, pages 00301A-4 to 00301A-13, with the one provided in Addendum #1.

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Roadway Improvement Project  
Haverhill Road and Klein Drive Reconstruction  
Salem, New Hampshire

6. Pre Bid Meeting Notes along with the sign in sheet from the Thursday, January 5, 2016 pre bid meeting are provided in Addendum #1 (attached).
7. The following clarifies the requirements relative to Item 201.02 Grubbing (F) and Item 201.23 Removal of Stumps: "All stumps within the "Prop Limit of Slope Work (Typ)", the dashed line indicated on the project drawings, shall be removed and compensation for the work is included under the price for Item 201.02 Grubbing (F). Item 201.23 Removal of Stumps is intended only for those stumps which are outside the "Prop Limit of Slope Work (Typ)", and which are directed to be removed by the Engineer, will be paid on a per each basis under Item 201.23 Removal of Stumps as directed by the Engineer.

**ROADWAY IMPROVEMENTS PROJECT  
HAVERHILL ROAD AND KLEIN DRIVE  
SALEM, NEW HAMPSHIRE**

**BID FORM - UNIT PRICE SCHEDULE - BASE BID - SECTION 1**

ITEM NO.	ITEM DESCRIPTION AND UNIT PRICE BID WRITTEN IN WORDS	UNIT	ESTIMATED QUANTITY	UNIT PRICE	TOTAL PRICE
201.01	Clearing and Grubbing, for the unit price per square yard of: _____ (words) and _____ Cents.	Dollars SY	100		
201.02	Grubbing (F), for the unit price per acre of: _____ (words) and _____ Cents.	Dollars Acre	0.11		
201.21	Removal of Small Trees, for the unit price per each of: _____ (words) and _____ Cents.	Dollars EA	6		
201.22	Removal of Large Trees, for the unit price per each of: _____ (words) and _____ Cents.	Dollars EA	7		
201.23	Removal of Stumps, for the unit price per each of: _____ (words) and _____ Cents.	Dollars EA	45		
201.321	Tree Pruning and Trimming, for the lump sum price of: _____ (words) and _____ Cents.	Dollars LS	1		
201.882	Invasive Species Control Type II, for the unit price per square yard of: _____ (words) and _____ Cents.	Dollars SY	150		
202.41	Removal of Existing Pipe 0-24", for the unit price per linear foot of: _____ (words) and _____ Cents.	Dollars LF	20		
202.5	Removal of Catch Basins, Drop Inlets and Manholes, for the unit price each: _____ (words) and _____ Cents.	Dollars EA	6		

HAVERHILL ROAD AND KLEIN DRIVE  
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BID FORM - UNIT PRICE SCHEDULE - BASE BID - SECTION 1

ITEM NO.	ITEM DESCRIPTION AND UNIT PRICE BID WRITTEN IN WORDS	UNIT	ESTIMATED QUANTITY	UNIT PRICE	TOTAL PRICE
202.8	Removal of Fence, for the unit price per linear foot of: _____ (words) and _____ Cents.	LF	100		
203.1	Common Excavation, for the unit price per cubic yard of: _____ (words) and _____ Cents.	CY	8,900		
203.2	Rock Excavation, for the unit price per cubic yard of: _____ (words) and _____ Cents.	CY	1,500		
203.4	Muck Excavation, for the unit price per cubic yard of: _____ (words) and _____ Cents.	CY	200		
203.55552	Guardrail EAGRT Platform Alternate, TL 2, for the unit price each: _____ (words) and _____ Cents.	Unit	4		
203.6	Embankment-In-Place (F), for the unit price per cubic yard of: _____ (words) and _____ Cents.	CY	500		
206.19	Common Structure Excavation Exploratory, for the unit price per cubic yard of: _____ (words) and _____ Cents.	CY	300		
206.2	Rock Structure Excavation, for the unit price per cubic yard of: _____ (words) and _____ Cents.	CY	600		
209.4	Granular Backfill (Gravel), for the unit price per cubic yard of: _____ (words) and _____ Cents.	CY	200		

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ITEM NO.	ITEM DESCRIPTION AND UNIT PRICE BID WRITTEN IN WORDS	UNIT	ESTIMATED QUANTITY	UNIT PRICE	TOTAL PRICE
214	Fine Grading, for the unit price of: _____ (words) and _____ Cents.	Unit	1		
304.33	Crushed Aggregate for Shoulders, for the unit price per cubic yard of: _____ (words) and _____ Cents.	CY	140		
304.4	Crushed Stone, (Fine Gradation) (F), for the unit price per cubic yard of: _____ (words) and _____ Cents.	CY	1,975		
304.5	Crushed Stone (Coarse Gradation) (F), for the unit price per cubic yard of: _____ (words) and _____ Cents.	CY	3,850		
304.501	Crushed Stone (Coarse Gradation) , for the unit price per ton: _____ (words) and _____ Cents.	TON	330		
306.112	Reclaimed Stabilized Base Processed In Place, 12 IN Deep (F) for the unit price per square yard of: _____ (words) and _____ Cents.	SY	1,300		
306.212	Reclaimed Stabilized Base Removed and Rehandled, 12 IN Deep (F) for the unit price per square yard of: _____ (words) and _____ Cents.	SY	2,200		
303.36	Stone for Reclaimed Stabilized Base, for the unit price per ton of: _____ (words) and _____ Cents.	TON	400		

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ITEM NO.	ITEM DESCRIPTION AND UNIT PRICE BID WRITTEN IN WORDS	UNIT	ESTIMATED QUANTITY	UNIT PRICE	TOTAL PRICE
403.11	Hot Bituminous Pavement, Machine Method, for the unit price per ton of: _____ (words) and _____ Cents.	TON	2,980		
403.12	Hot Bituminous Pavement, Hand Method, for the unit price per ton of: _____ (words) and _____ Cents.	TON	260		
403.991	Temporary Bituminous Pavement, for the unit price per square yard of: _____ (words) and _____ Cents.	SY	250		
417	Cold Planing Bituminous Surfaces (F), for the unit price per square yard of: _____ (words) and _____ Cents.	SY	120		
503.11	Cofferdam and Dewatering, for the unit price of: _____ (words) and _____ Cents.	Unit	1		
572.1	Reconstructing Stone Wall, One Stone Wide, for the unit price per linear foot of: _____ (words) and _____ Cents.	LF	450		
572.2	Reconstructing Stone Wall, Multiple Stones Wide, for the unit price per linear foot of: _____ (words) and _____ Cents.	LF	450		
585.31	Stone Fill, Class C1, for the unit price per cubic yard of: _____ (words) and _____ Cents.	CY	25		
593.411	Geotextile, Perm Control CL. 1, Non-Woven, for the unit price per square yard of: _____ (words) and _____ Cents.	SY	100		

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ITEM NO.	ITEM DESCRIPTION AND UNIT PRICE BID WRITTEN IN WORDS	UNIT	ESTIMATED QUANTITY	UNIT PRICE	TOTAL PRICE
603.00212	12" R.C. Pipe, 2000D for the unit price per linear foot of: _____ (words) and _____ Cents.	LF	1,500		
603.00215	15" R.C. Pipe, 2000D for the unit price per linear foot of: _____ (words) and _____ Cents.	LF	220		
603.00415	15" R.C. Pipe, 3750D for the unit price per linear foot of: _____ (words) and _____ Cents.	LF	50		
603.0043	30" R.C. Pipe, 3750D for the unit price per linear foot of: _____ (words) and _____ Cents.	LF	75		
603.30112	12" RC End Sections, for the unit price each of: _____ (words) and _____ Cents.	EA	1		
603.80212	12" Plastic Pipe (Smooth Interior), for the unit price per linear foot of: _____ (words) and _____ Cents.	LF	60		
604.0007	Polyethylene Liner, for the unit price per each of: _____ (words) and _____ Cents.	EA	29		
604.12	Catch Basins, Type B, for the unit price per each of: _____ (words) and _____ Cents.	Unit	29		
604.22	Drop Inlets, Type B, for the unit price per each of: _____ (words) and _____ Cents.	Unit	1		

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604.32	Drainage Manholes, for the unit price per each of:  _____ (words) and _____ Cents.	Unit	3		
605.506	6" Perf. Corrugated Poly Underdrain, for the unit price per linear foot of:  _____ (words) and _____ Cents.	LF	1,600		
606.120	Beam Gurardrail (Standard Section) (Steel Post), for the unit price per linear foot of:  _____ (words) and _____ Cents.	LF	375		
606.1255	Beam Guardrail (Term. Unit Type EAGRT, TL 2) (Steel Post), for the unit price per each of:  _____ (words) and _____ Cents.	Unit	4		
607.01	Fence Removed and Reset, for the unit price per linear foot of:  _____ (words) and _____ Cents.	LF	160		
608.36	6" Reinforced Concrete Sidewalk (F), for the unit price per square yard of:  _____ (words) and _____ Cents.	SY	5		
609.21	Straight Granite Slope Curb, for the unit price per linear foot of:  _____ (words) and _____ Cents.	LF	350		
609.211	Straight Granite Slope Curb (Provided By Others), for the unit price per linear foot of:  _____ (words) and _____ Cents.	LF	180		

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ITEM NO.	ITEM DESCRIPTION AND UNIT PRICE BID WRITTEN IN WORDS	UNIT	ESTIMATED QUANTITY	UNIT PRICE	TOTAL PRICE
609.813	Bituminous Curb, (Cape Cod Berm), for the unit price per linear foot of: _____ (words) and _____ Cents.	LF	625		
615.003	Removing Traffic Sign, for the unit price of: _____ (words) and _____ Cents.	EA	25		
615.03	Traffic Signs Type C (F), for the unit price per square foot of: _____ (words) and _____ Cents.	SF	87		
618	Uniformed Officer, for the allowance of: <u>One Hundred Sixty Thousand</u> Dollars (words) and <u>Zero</u> Cents.	AL	1	160,000.00	160,000.00
619.1	Maintenance of Traffic, for the unit price per unit of: _____ (words) and _____ Cents.	Unit	1		
619.25	Portable Changeable Message Sign, for the unit price per Month of: _____ (words) and _____ Cents.	Month	21		
621.31	Single Delineator with Post, for the unit price per each of: _____ (words) and _____ Cents.	EA	20		
622.55	Remove and Reset Monuments, for the unit price per each of: _____ (words) and _____ Cents.	EA	5		
628.1	Sawed Concrete Pavement, for the unit price per linear foot of: _____ (words) and _____ Cents.	LF	10		

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ITEM NO.	ITEM DESCRIPTION AND UNIT PRICE BID WRITTEN IN WORDS	UNIT	ESTIMATED QUANTITY	UNIT PRICE	TOTAL PRICE
628.2	Sawed Bituminous Pavement, for the unit price per linear foot of: _____ (words) Dollars and _____ Cents.	LF	750		
632.0104	Retroreflective Paint Pavement Marking 4" Line, for the unit price per linear foot of: _____ (words) Dollars and _____ Cents.	LF	15,600		
632.3118	Retroreflective Thermoplastic Pavement Marking, 18" Line, for the unit price per linear foot of: _____ (words) Dollars and _____ Cents.	LF	75		
645.44	Temporary Slope Stabilization Type D (Wildlife Friendly), for the unit price per square yard of: _____ (words) Dollars and _____ Cents.	SY	50		
645.51	Hay Bales for Temporary Erosion, for the unit price per each of: _____ (words) Dollars and _____ Cents.	EA	50		
645.512	Compost Sock for Erosion and Sediment Control, for the unit price per linear foot of: _____ (words) Dollars and _____ Cents.	LF	500		
645.531	Silt Fence, for the unit price per linear foot of: _____ (words) Dollars and _____ Cents.	LF	1,500		
645.533	Inlet Filter Baskets, for the unit price per each of: _____ (words) Dollars and _____ Cents.	EA	29		
645.7	Stormwater Pollution Prevention Plan, for the unit price of: _____ (words) Dollars and _____ Cents.	Unit	1		

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ITEM NO.	ITEM DESCRIPTION AND UNIT PRICE BID WRITTEN IN WORDS	UNIT	ESTIMATED QUANTITY	UNIT PRICE	TOTAL PRICE
645.71	Monitoring SWPP & Erosion and Sediment Control, for the unit price per hour of:  _____ (words) and _____ Cents.	HR	150		
646.512	Turf Establishment With Mulch, Tackifiers and Loam (F), for the unit price per square yard of:  _____ (words) and _____ Cents.	SY	5,400		
651.001	Evergreen Tree - 6' - 8' height, for the unit price per each of:  _____ (words) and _____ Cents.	EA	10		
652.001	Deciduous Tree - 2-1/2"-3" Caliper, for the unit price per each of:  _____ (words) and _____ Cents.	EA	10		
654.001	Shrub - 18"- 24" Height, for the unit price per each of:  _____ (words) and _____ Cents.	EA	20		
670.0662	Mail Box Removed and Reset, for the unit price per each of:  _____ (words) and _____ Cents.	EA	30		
692	Mobilization, for the unit price of:  _____ (words) and _____ Cents.	Unit	1		
697.11	Invasive Species Control Management Plan, for the unit price of:  _____ (words) and _____ Cents.	Unit	1		
900	Precast Headwalls (12"-18" Only), for the unit price per each of:  _____ (words) and _____ Cents.	EA	8		

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ITEM NO.	ITEM DESCRIPTION AND UNIT PRICE BID WRITTEN IN WORDS	UNIT	ESTIMATED QUANTITY	UNIT PRICE	TOTAL PRICE
900.14	Precast Headwalls (30"), for the unit price per each of:  _____ Dollars (words) and _____ Cents.	EA	2		
900.3	Remove Existing Dry Hydrant, for the Lump Sum price:  _____ Dollars (words) and _____ Cents.	LS	1		
912	R&R Landscaping, for the lump sum price of:  _____ Dollars (words) and _____ Cents.	LS	1		
1010.2	Asphalt Cement Adjustment, for the allowance of:  Ten Thousand _____ Dollars (words) and Zero _____ Cents.	AL	1	10,000.00	10,000.00

Total Amount of Base Bid, based on Unit Price Schedule:

(Amount in Figures)

(Amount in Words)

All prices must be written in ink or type written. Unit prices shall be written in words as well as figures in the space provided in the bid form. In case of a discrepancy, the amount in words shall govern and the "Total Price" shall be calculated based on the stated quantity multiplied by the written unit price.

All prices shall include labor, material, equipment and Overhead and Profit for work in place in accordance with the Drawings, Specifications and Contract Documents.

**Pre Bid Meeting – Haverhill Road and Klein Drive Reconstruction**

Knightly Room, Town Hall – Salem NH

January 5, 2017

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1. Project Location (use cover map) – Haverhill Road and Klein Drive
2. Base bid –

The work includes roadway reconstruction in the form of full depth excavation of the roadway subbase, placing new subbase material, reshaping and repaving, drainage improvements and grading along approximately 2600 linear feet of Haverhill Road. Additional work includes the roadway reconstructions using pavement reclaim in place along Klein Drive from the intersection of Haverhill Road to the Town line for approximately 1350 linear feet in the Town of Salem, New Hampshire.

Drainage improvements will be conducted within the project limits. The work is also anticipated to include rock excavation within the roadway box (various locations) and along drainage runs as may be encountered during excavation.

3. Pavement Section – Haverhill Road:
  - a. 4-1/2" Pavement includes 1-1/2" Wearing Course and 3" Binder Course
  - b. 6" Crushed Stone Fine.
  - c. 12" Crushed Stone Course.
4. Pavement Section – Klein Drive:
  - a. 4-1/2" Pavement includes 1-1/2" Wearing Course and 3" Binder Course
  - b. 12" Pavement Reclaim
  - c. 2" Stone for reclaimed stabilized base (Paid under item 306.36)
5. There are minor impacts to wetlands and invasive species along the roadway.
6. It is a requirement that Haverhill Road remain open during the entire duration of construction.
7. Construction Schedule
  - a. Approval of Funds is needed at the March 2017 Town Meeting Vote.
  - b. Anticipated construction starts in early April with substantial completion on September 29, 2017.
  - c. All components of work shall be complete by October 27, 2017.
8. Other Projects
  - a. Interstate 93 Reconstruction (ongoing)
  - b. North Main Street Bridge Rehabilitation (Between Walnut Terrace and Wheeler Dam)



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- c. Neighborhood Roadway Improvement Projects (Parker Circle, Bradford Drive, Woodland Ave, and Commercial Drive)
- d. Route 28 Water and Sewer Improvements (Veterans Parkway to Main Street)

9. Bids are due on Wednesday, January 18, 2017 by 11:00 AM at Salem Town Hall.

## TOWN OF SALEM, NH

**HAVERHILL ROAD AND KLEIN DRIVE  
PREBID MEETING  
SIGN-IN SHEET**

DATE: JANUARY 5, 2017