

ADDENDUM NO. 1

TOWN FARM ROAD IMPROVEMENTS PROJECT
Salem, New Hampshire
January 22, 2019

The following changes and information are hereby incorporated into the Contract Documents (Project Manual and Drawings)

PRE-BID MEETING NOTES

1. Pre Bid Meeting Notes (Attachment "A") and additional information provided on Attachment A is included within the documents by this addendum.

PROJECT MANUAL

2. Contactor's Bid Schedule – Base Bid
Delete Base Bid Schedule (pg. 00301A-5 to pg. 00301A-15) and **Replace** with Attachment B

CONTRACT DRAWINGS

[Not revised per this Addendum]

UNDERWOOD ENGINEERS, INC.

Philip D. MacDonald

Philip D. MacDonald,



Attachments:

- A. Pre-Bid Meeting Notes (pg. 1 to pg. 3)
- B. Contractor's Bid Schedule – Base Bid (pg. 00301A-5 to pg.00301A-15)

Town Farm Road Improvements - Addendum No. 1

ATTACHMENT "A"

Pre-Bid Meeting Notes

Salem, NH

January 10, 2019 at 1:00 P.M.

Attendees

James Danis
Philip MacDonald
Norman Saucier
Leo Lessard
Peter Kashulines
George Hester
Brian Good
Rian White
Jeff Twarog
Rob Pagani

Representing

Town of Salem
Underwood Engineers, Inc.
Brox Industries, Inc.
J Tropeano
Pichette Brothers
Busby Construction
Busby Construction
Weaver Brothers
R&D Paving
PJ Keating

1. Introductions

James Danis, P.E., Capital Projects Engineer
Philip D. MacDonald, Design Engineer

Town of Salem
Underwood Engineers, Inc.

2. Bidding Requirements

- Pre-Bid Meeting: This is a non-mandatory pre-bid meeting.
- Bid Security for 5% of bid price
- Acknowledgement of Addenda; Submit with Bid
- Qualification of Contractors: Submit with Bid
- Certificate of Non-Collusion: Submit with Bid

3. Addendum

Comments and questions will need to be forwarded via email to Philip MacDonald at pmac@underwoodengineers.com before January 18, 2019, to be addressed by Addendum.

4. Project Area

- Town Farm Road, from North Main Street to Hampstead/Shannon Road Intersection
- MacMillan Avenue (Add Alt. 1)
- Bluff Street Extension (Add Alt. 2)

5. Schedule

Completion time for the project will be as follows:

- Work is expected to begin in April 2019, construction layout may precede construction
- Town Farm West (Part A) is to be substantially completed by July 2, 2019
- All work is to be substantial complete by September 26, 2019.
- Final Completion: October 24, 2019.
- Coordinate pipe removal work at East end of project with Liberty Avenue Mill & Overlay work (by others). Minimize paving joints.

6. Project Overview

The project generally includes the following items:

- Drainage Improvements – subsurface (underdrains), ditching and drainage conveyance (structures and piping)
- Road Reclamation at Town Farm West, Part A (~1,100 LF)
- Full Depth Re-construction at Town Farm East, Part B (~2,500 LF)
- Add Alt. 1 – MacMillan Avenue (~500 LF)
- Add Alt. 2 – Bluff Street Extension Full Depth Re-construction (~700 LF)
- Property restorations
- Other work where specified on drawings or included in Contract Documents

7. Traffic Management

The Contractor will be required to maintain the roadway in a safe passable condition. Refer to Section 01850 for general requirements. *Traffic is generally light to moderate but Traffic increases during commuter hours. One way alternating traffic is anticipated during work hours. However, traffic in either direction may not be impeded for more than 5 minutes without the Town's prior approval.*

8. Work Hours

The contract time for completion is based on work hours from 7am to 3:30pm, Monday through Fridays. Work beyond these hours is not permitted without Town approval.

9. Temporary Facilities & Environmental Controls

Contractor is required to provide and monitor erosion and siltation controls, to prevent degradation to wetlands, drainage ditches and adjoining properties. Temporary controls and general housekeeping during construction include but may not be limited to:

- Preparation and implementation of SWPPP (unit items provided)
- Dust Control
- Continuous maintenance and cleanup of uncompleted work areas
- Safe passage of traveling public
- General housekeeping

Dust control and public access will require additional attention adjacent to the community garden/farm area west of Ganley Drive.

10. Community Information

The Contractor is required to provide the following information on a weekly basis:

- A brief narrative of upcoming work areas and schedule (2 week projection)
- Address or provide status updates relating to property owners complaints
- Provide a 24-hour contact person for emergencies
- Attend a public informational meeting prior to construction

11. Staging Areas

The Contractor is responsible for obtaining adequate staging areas for the project.

12. Wetlands Permit

A wetland permit was secured for work in and adjacent to wetlands along Town Farm East. A wetland permit application is still needed for work included shown on Bluff Street Extension, Add Alt. 2. The wetland permit for Bluff Street Extension (Add Alt. 2) will be secured by the Town in advance of the work.

13. Bluff Street Extension (Add Alt. 1) & Changes in Unit Item Quantities

Minor changes to drawings can be anticipated as a result of permitting and permit applications process. Changes will likely include minor changes in the vertical profile to eliminate 0% grade, possible addition of guard rail and other minor changes for which unit items are included within the bid documents. Drawings will be issued to the successful bidder in advance of the work. Unit item cost will not be re-negotiated as a result of changes to unit item quantities.

14. Utility Poles

The Town is coordinating with utility companies to re-locate the poles indicated on the drawings. Pole re-location by utility companies is expected during the summer 2019. Some coordination with utility companies can be anticipated.

ADDENDUM No. 1 - ATTACHMENT B

BID 00301A-5

ROADWAY IMPROVEMENT PROJECT - TOWN FARM ROAD					
CONTRACTOR'S BID SCHEDULE - BASE BID					
Item No.	Est. Quant.	Units	Item Description (and Unit Price written in words)	Unit Price	Amount
201.02	0.1	Ac.	Grubbing (F): _____ Dollars and _____ Cents per	Ac.	Ac.
201.1	0.2	Ac.	Clearing and Grubbing (F): _____ Dollars and _____ Cents per	Ac.	Ac.
201.21	12	Ea.	Removing small trees: _____ Dollars and _____ Cents per	Ea.	Ea.
201.22	5	Ea.	Removing large trees: _____ Dollars and _____ Cents per	Ea.	Ea.
201.321	1	LS	Tree Pruning and Trimming: _____ Dollars and _____ Cents per	LS	LS
201.4	3	Ea.	Removing Stumps: _____ Dollars and _____ Cents per	Ea.	Ea.
201.8822	450	SY	Invasive Species Control - Type II: _____ Dollars and _____ Cents per	SY	SY
202.41	350	LF	Removal of Existing Pipe (0 to 24"): _____ Dollars and _____ Cents per	LF	LF
202.5	8	LF	Removal of Catch Basins, Drop Inlets & Manholes: _____ Dollars and _____ Cents per	LF	LF

ADDENDUM No. 1 - ATTACHMENT B

BID 00301A-6

CONTRACTOR'S BID SCHEDULE - BASE BID						
Item No.	Est. Quant.	Units	Item Description (and Unit Price written in words)		Unit Price	Amount
203.1	4,800	CY	Common Excavation (F): _____ Dollars and _____ Cents per	CY		
203.4	250	CY	Muck/Unsuitable Material Excavation: _____ Dollars and _____ Cents per	CY		
203.55552	2	Unit	Guardrail Eagrt Platform Alternate, TL 2: _____ Dollars and _____ Cents per	Unit		
203.6	340	CY	Embankment-in-Place (F): _____ Dollars and _____ Cents per	CY		
206.19	80	CY	Common Structure Excavation - exploratory: _____ Dollars and _____ Cents per	CY		
206.2	20	CY**	Rock Structure Excavation: _____ Dollars and _____ Cents per	CY**		
214	1	Unit	Fine Grading: _____ Dollars and _____ Cents per	Unit		
304.2	250	CY**	Additional Gravel (where directed): _____ Dollars and _____ Cents per	CY**		
304.3	100	CY**	Additional Crushed Gravel (where directed): _____ Dollars and _____ Cents per	CY**		

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BID 00301A-7

CONTRACTOR'S BID SCHEDULE - BASE BID						
Item No.	Est. Quant.	Units	Item Description (and Unit Price written in words)	Unit Price		Amount
304.32	200	CY	Crushed Gravel (for Shoulder Leveling): _____ Dollars and _____ Cents per	CY	CY	
304.4	1,510	CY	Crushed Stone, Fine Gradation (F): _____ Dollars and _____ Cents per	CY	CY	
304.5	3,250	CY	Crushed Stone, Coarse Gradation (F): _____ Dollars and _____ Cents per	CY	CY	
306.108	410	SY	Recl. Stabilized Base, Processed in Place, 8" Depth (F): _____ Dollars and _____ Cents per	SY	SY	
306.208	2,780	SY	Reclaimed Stabilized Base, Rem. & Reh., 8" Depth (F): _____ Dollars and _____ Cents per	SY	SY	
306.36	380	Ton	Stone for Reclaimed Stabilized Base: _____ Dollars and _____ Cents per	Ton	Ton	
403.11A	2,050	Ton	Hot Bit. Pavement - Machine Method (Binder): _____ Dollars and _____ Cents per	Ton	Ton	
403.11B	1,000	Ton	Hot Bit. Pavement - Machine Method (Wearing Course): _____ Dollars and _____ Cents per	Ton	Ton	
403.12	140	Ton	Hot Bit. Pavement - Hand Method: _____ Dollars and _____ Cents per	Ton	Ton	

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BID 00301A-8

CONTRACTOR'S BID SCHEDULE - BASE BID						
Item No.	Est. Quant.	Units	Item Description (and Unit Price written in words)		Unit Price	Amount
417	800	SY	Cold planing bituminous surfaces: _____ Dollars and _____ Cents per	SY		
572.1	420	LF	Re-Construct Stone Wall (Single Stone Wide): _____ Dollars and _____ Cents per	LF		
572.4	50	LF	Re-Construct Stone Masonry Wall (Stone & Mortar): _____ Dollars and _____ Cents per	LF		
585.31	10	CY	Stone fill, Class C1: _____ Dollars and _____ Cents per	CY		
585.31	25	CY	Stone fill, Class C2: _____ Dollars and _____ Cents per	CY		
593.211	100	SY	Geotextile-Separation, Class 1, Non Woven: _____ Dollars and _____ Cents per	SY		
593.320	500	SY	Geotextile, Stabilization (Embankments & Drainage swales, where ordered): _____ Dollars and _____ Cents per	SY		
603.00212	430	LF	12" Rein. Conc. Pipe, 2000D: _____ Dollars and _____ Cents per	LF		
603.00312	54	LF	12" Rein. Conc. Pipe, 3000D: _____ Dollars and _____ Cents per	LF		

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BID 00301A-9

CONTRACTOR'S BID SCHEDULE - BASE BID						
Item No.	Est. Quant.	Units	Item Description (and Unit Price written in words)		Unit Price	Amount
603.00215	1,680	LF	15" Rein. Conc. Pipe, 2000D: _____ Dollars and _____ Cents per	LF		LF
603.00324	30	LF	24" Rein. Conc. Pipe, 3000D: _____ Dollars and _____ Cents per	LF		LF
603.D15210	20	LF	10" D1CL52 (drain pipe): _____ Dollars and _____ Cents per	LF		LF
603.82212	750	LF	12" PE Pipe (Smooth Interior): _____ Dollars and _____ Cents per	LF		LF
604.0007	22	Ea.	Polyethylene Liners: _____ Dollars and _____ Cents per	Ea.		Ea.
604.12	22	Unit	Catch Basin, Type B, 4 ft. Dia.: _____ Dollars and _____ Cents per	Unit		Unit
604.122	2	Unit	Catch Basin, Type B, 2 ft. Dia.: _____ Dollars and _____ Cents per	Unit		Unit
604.32	9	Unit	Drainage Manholes: _____ Dollars and _____ Cents per	Unit		Unit
604.4	1	LF	Re-Constructing/Adjusting Catch Basins: _____ Dollars and _____ Cents per	LF		LF

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BID 00301A-10

CONTRACTOR'S BID SCHEDULE - BASE BID

Item No.	Est. Quant.	Units	Item Description (and Unit Price written in words)		Unit Price		Amount
604.5	3	LF	Re-Constructing/Adjusting Manholes: _____ Dollars and _____ Cents per	LF		LF	
604.8	2	Unit	4' Dia. Leaching Basin: _____ Dollars and _____ Cents per	Unit		Unit	
605.82251	1,860	LF	24" Aggregate Underdrain, Type 2 w/6 Perf. PE Pipe: _____ Dollars and _____ Cents per	LF		LF	
605.82442	65	LF	36" Aggregate Underdrain, Type 2 w/12 Perf. PE Pipe (Smooth Int.): _____ Dollars and _____ Cents per	LF		LF	
606.12	412.5	LF	Beam Gaurdrail, Standard Section, Steel Post: _____ Dollars and _____ Cents per	LF		LF	
606.1255	2	Unit	Beam Gaurdrail, 25'EAGRT - Steel Post: _____ Dollars and _____ Cents per	Unit		Unit	
607.98	100	LF	Reset Miscellaneous Fences: _____ Dollars and _____ Cents per	LF		LF	
609.01	250	LF	Granite Curb - Straight: _____ Dollars and _____ Cents per	LF		LF	
609.5	20	LF	ResetGranite Curb: _____ Dollars and _____ Cents per	LF		LF	

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BID 00301A-11

CONTRACTOR'S BID SCHEDULE - BASE BID						
Item No.	Est. Quant.	Units	Item Description (and Unit Price written in words)		Unit Price	Amount
609.811	60	LF	Bituminous Curb (Modified Cape Cod Curb): _____ Dollars and _____ Cents per	LF		
611.05206	25	LF	6" Cement Lined Ductile Iron Water Pipe, CL 52: _____ Dollars and _____ Cents per	LF		
611.05208	5	LF	8" Cement Lined Ductile Iron Water Pipe, CL 52: _____ Dollars and _____ Cents per	LF		
611.5011	140	LF	1" Copper Water Pipe: _____ Dollars and _____ Cents per	LF		
611.5101	5	EA	1" Corporation Stop: _____ Dollars and _____ Cents per	EA		
611.5201	5	EA	1" Curb Stop w/Box: _____ Dollars and _____ Cents per	EA		
611.70006	4	EA	6" Ductile Iron Fittings: _____ Dollars and _____ Cents per	EA		
611.70008	2	EA	8" Ductile Iron Fittings: _____ Dollars and _____ Cents per	EA		
611.70012	8	EA	12" Ductile Iron Fittings: _____ Dollars and _____ Cents per	EA		

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BID 00301A-12

CONTRACTOR'S BID SCHEDULE - BASE BID

Item No.	Est. Quant.	Units	Item Description (and Unit Price written in words)		Unit Price		Amount
611.71006	1	EA	6" Gate Valve: _____ Dollars and _____ Cents per	EA		EA	
611.71008	2	EA	8" Gate Valve: _____ Dollars and _____ Cents per	EA		EA	
611.71012	5	EA	12" Gate Valve: _____ Dollars and _____ Cents per	EA		EA	
611.81	1	EA	Hydrants: _____ Dollars and _____ Cents per	EA		EA	
611.811	3	EA	Adjust/ Relocate Hydrant: _____ Dollars and _____ Cents per	EA		EA	
611.90001	22	EA	Adjust Gate Valve & Shutoffs - Set by Others: _____ Dollars and _____ Cents per	EA		EA	
615.03	90	Sq. Ft.	Traffic Sign, Type C: _____ Dollars and _____ Cents per	Sq. Ft.		Sq. Ft.	
615.06	3	Sq. Ft.	Traffic Sign, Type CC: _____ Dollars and _____ Cents per	Sq. Ft.		Sq. Ft.	
618.6	1	Allow	Uniformed Officers (Allowance): One Hundred Fifty Thousand Dollars and Zero Cents	Allow		Allow	

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BID 00301A-13

CONTRACTOR'S BID SCHEDULE - BASE BID						
Item No.	Est. Quant.	Units	Item Description (and Unit Price written in words)		Unit Price	Amount
619.1	1	Unit	Maintenance of Traffic: _____ Dollars and _____ Cents per	Unit		
619.25	12	Month	Portable Changeable Message Sign: _____ Dollars and _____ Cents per	Month		
621.31	12	Ea.	Single Delineator with Post: _____ Dollars and _____ Cents per	Ea.		
622.55	6	Ea.	Remove and Reset Monuments: _____ Dollars and _____ Cents per	Ea.		
628.2	700	LF	Sawed Bituminous Pavement: _____ Dollars and _____ Cents per	LF		
632.0104	15,500	LF	Retroreflective Paint Pave. Marking, 4" Line: _____ Dollars and _____ Cents per	LF		
632.02	50	Sq. Ft.	Retroreflective Paint Pave. Marking, Symbol/Word: _____ Dollars and _____ Cents per	Sq. Ft.		
632.3118	170	LF	Retroreflective Thermo. Pave. Marking, 18 in (stop bars): _____ Dollars and _____ Cents per	LF		
645.512	100	LF	Compost Sock for Erosion & Sediment Control: _____ Dollars and _____ Cents per	LF		

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BID 00301A-14

CONTRACTOR'S BID SCHEDULE - BASE BID						
Item No.	Est. Quant.	Units	Item Description (and Unit Price written in words)		Unit Price	Amount
645.531	1,000	LF	Silt fence: _____ Dollars and _____ Cents per	LF		
645.533	24	Ea.	Inlet Filter Basket: _____ Dollars and _____ Cents per	Ea.		
645.7	1	Unit	Storm Water Pollution Prevention Plan: _____ Dollars and _____ Cents per	Unit		
645.71	100	HR	Monitoring SWPPP and Erosion and Sediment Controls: _____ Dollars and _____ Cents per	HR		
646.512	3,600	SY	Turf establishment with mulch, tackifiers and loam (F): _____ Dollars and _____ Cents per	SY		
651.001	2	Ea.	Evergreen Tree, 6'-8' High: _____ Dollars and _____ Cents per	Ea.		
652.002	2	Ea.	Deciduous Tree, 2-1/2" to 3" Caliper: _____ Dollars and _____ Cents per	Ea.		
653.003	20	Ea.	Shrubs (18" to 24" Height): _____ Dollars and _____ Cents per	Ea.		
670.0661	22	Ea.	Remove & Re-set Single or Double Mailbox Assemblies: _____ Dollars and _____ Cents per	Ea.		

1/16/2019

BID 00301A-15

R'S BID SCHEDU

Item No.	Est. Quant.	Units	Item Description (and Unit Price written in words)		Unit Price	Amount
692	1	Unit	Mobilization: _____ Dollars and _____ Cents per	Unit		
900.1	7	Unit	Rein. Conc. PC-1 Headwall (12" to 18" dia. pipe): _____ Dollars and _____ Cents per	Unit		
900.2	1	Unit	Rein. Conc. Headwall (24" to 30" dia. pipe): _____ Dollars and _____ Cents per	Unit		
912	1	LS	R&R Landscaping: _____ Dollars and _____ Cents per	LS		
1010.2	1	Allow	Asphalt Cement Adjustment (Allowance): Twenty Thousand Dollars and Zero Cents per	Allow	\$20,000.00	\$20,000.00
					Total Base Bid	\$
Name of Contractor:						
	Date:					
Notes to Bidders:						

Notes to Bidders:

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|---|--|--|--|--|--|
| 1. Contract award is dependent on Town appropriation of funds (March 2019). | | | | | |
| 2. ** Means Indeterminate Quantity. | | | | | |
| 3. The owner reserves the right to waive any informalities or minor defects or reject any and all bids and to take any other action that is in the best interest of the Town. | | | | | |
| 4. Unit prices in words shall govern over unit prices in numbers in determination of bid. | | | | | |