

MIDDLEBURY STATE AIRPORT

RUNWAY 1-19 WIDENING AND EXTENSION, AND RECONSTRUCTION AND RELOCATION OF TAXIWAY 'A' AIP NO. 3-50-11-0011

AV155033-100

Addendum No. 1

April 5, 2016

The following is provided to clarify, add or delete information in the Contract Documents, Specifications and Plans for the above project. This information is required for bidding and construction, and the Bidder's acknowledgement of receipt of this Addendum is required on page P-4 of the BID PROPOSAL.

Bid Form:

Please replace the existing bid forms with the attached bid forms. New Bid Items include:

- VT 704.02C – 1 ½" Crushed Stone – 350 CY
- VT 704.16 - Drainage Aggregate – 120 CY

Clarifications:

1. **It is our understanding that all areas north of airport are select clearing, including those areas in wetlands & wetland buffers which are to be cleared without the use of mechanical equipment. Please clarify.**

Clarification: All tree clearing north of the airport is select clearing. The contractor may not use mechanized equipment in the wetlands and buffers, but may use mechanized equipment outside of wetlands and buffers.

2. **It is our understanding that all areas south of the airport runway will be cleared & grubbed and restored per T901 specifications. Areas in wetlands & wetland buffers are to be under the selective clearing only without the use of mechanical equipment. Please clarify.**

Clarification: All tree clearing located within wetlands and buffers on the south side of the airport is select clearing with no mechanical equipment. All upland areas are to be cleared and grubbed and restored at completion.

3. **Line Item VT 625.10 Sleeve for Utilities, can this sleeve be installed with an open cut method, or does this need to be directional drilled or similar method?**

Clarification: The sleeve for utilities may be installed with an open cut method. No directional boring is required.

4. **Due to the short construction time frame after the award is expected (September 2016) will it be acceptable to start construction on the airport runway and taxiway in the Spring of 2017 and plan to only complete tree clearing during the winter of 2016/2017?**

Clarification: VTrans intends to begin construction this Fall. As discussed at the pre-bid meeting, a late grant award may result in the delay of construction.

5. Infiltration Basin per detail shown on plan sheet 40 of 124 is 225 linear feet.

Clarification: The subsurface infiltration basin located at the south end is 415' long, 15' wide and 2' deep.

6. Wetland and buffer area clearing to be done in winter (frozen conditions) no contract time will be deducted for this work..

Clarification: There is no contract time limits for the tree clearing, except that the work shall be completed during the winter months when the ground is frozen.

7. Clearing at North end of runway is selective.

Clarification: All clearing at the north end is selective.

8. Clearing at South end of runway other than wetland/buffer areas is clearing and grubbing.

Clarification: All clearing within wetlands and buffers at the south end is select clearing. All other clearing at the south end is clearing and grubbing.

9. Excavation to grades shown required at Contractor staging area 1 south end of runway.

Clarification: The Contractor's staging area at the south end must be excavated to the grades shown on the plans.

10. Fill/embankment at contractor's staging area 2 at north end of runway is for excess excavated material. Contractor will not need to import material to attain proposed grades.

Clarification: The contours for the fill/embankment area identified at the north end are for anticipated excess materials. The contractor will not be required to import material to construct the embankment. The Contractor should begin the waste pile at the south end and fill towards the north.

11. Construction Work area phasing per SP-1 pages 3&4.

Clarification: The order of the phases and the associated limits were developed to limit impacts on the airport operations. Please construct the project in the order and to the limits identified in each phase.

12. Please confirm details on plan sheet 7 of 124..... RESAW&SEAL DETAIL is for the transvers joint for the unway only (RUNWAY EXTENSION TRANSITION JOINT).

Clarification: A resaw and seal shall be performed at all joints constructed by the contractor, not just for the runway transition joint.

13. Please confirm Runway widening Transition Joint and Taxiway A/Apron Details require a saw cut only. (NOT RESAW & SEAL).

Clarification: : A resaw and seal shall be performed at all wearing course joints constructed by the contractor, including the Taxiway / Apron joint. The runway widening joint should be located under the overlay, and will not require a resaw and seal joint.

MIDDLEBURY STATE AIRPORT
MIDDLEBURY, VERMONT

Construct RW 1 (approx. 60' x 700') and Parallel TW A (approx. 25' x 700') Extensions including Reconstruction/Widening of RW 1-19 (approx. 2500' x 60'0) and Reconstruction of TW A (approx. 25' x 2500') and Obstruction Removal.

AIP No. **3-50-0011-**

Project Number **AV155033-100**

SCHEDULE OF ITEMS

BID

ITEM NO.	APPROX. QUANTITY AND UNITS	ITEM DESCRIPTION WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE		BID AMOUNT	
			Dollars	Cents	Dollars	Cents
M-001	1 LS	<u>Mobilization</u> for the specified price of: _____ _____ dollars and _____ cents.				
P-101-5.1	13,600 1" per SY	<u>Runway Milling</u> for the specified unit price per 1" per Square Yard of: _____ _____ dollars and _____ cents.				
P-150-4.1	1 EA	<u>Remove Drainage Structure</u> for the specified unit price Each of: _____ _____ dollars and _____ cents.				

BID

ITEM NO.	APPROX. QUANTITY AND UNITS	ITEM DESCRIPTION WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE		BID AMOUNT	
			Dollars	Cents	Dollars	Cents
P-150-4.2	$\frac{20}{\text{LF}}$	<u>Remove Drainage Pipe</u> for the specified unit price per Linear Foot of: _____ _____ dollars and _____ cents.				
P-150-4.3	$\frac{15,200}{\text{SY}}$	<u>Pavement Removal</u> for the unit price per Square Yard of: _____ dollars and _____ cents.				
P-150-4.4	$\frac{20}{\text{SF}}$	<u>Pavement Marking Removal</u> for the unit price per Square Foot of: _____ _____ dollars and _____ cents.				
P-151-4.1	$\frac{8}{\text{AC}}$	<u>Clearing and Grubbing</u> for the unit price per Acre of: _____ _____ dollars and _____ cents.				
P-151-4.2	$\frac{9}{\text{AC}}$	<u>Selective Clearing in Wetlands, Wetland Buffers, and Stream Buffers</u> for the unit price per Acre of: _____ _____ dollars and _____ cents.				

BID

ITEM NO.	APPROX. QUANTITY AND UNITS	ITEM DESCRIPTION WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE		BID AMOUNT	
			Dollars	Cents	Dollars	Cents
P-151-4.3	<u>13</u> AC	<u>Selective Clearing</u> for the unit price per Acre of: _____ _____ dollars and _____ cents.				
P-152-4.1	<u>10,300</u> CY	<u>Unclassified Excavation</u> for the unit price per Cubic Yard of: _____ _____ dollars and _____ cents.				
P-152-4.2	<u>39,000</u> CY	<u>Excavation to Embankment</u> for the unit price per Cubic Yard of: _____ _____ dollars and _____ cents.				
P-154-5.1	<u>14,800</u> CY	<u>Subbase Course</u> for the unit price per Cubic Yard of: _____ _____ dollars and _____ cents.				
P-156-5.1	<u>6,300</u> LF	<u>Silt Fence</u> for the unit price per Linear Foot of: _____ _____ dollars and _____ cents.				

BID

ITEM NO.	APPROX. QUANTITY AND UNITS	ITEM DESCRIPTION WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE		BID AMOUNT	
			Dollars	Cents	Dollars	Cents
P-156-5.2	<u>20</u> EA	<u>Stone Checkdam</u> for the unit price Each of: _____ _____ dollars and _____ cents.				
P-156-5.3	<u>200</u> SY	<u>Temporary Erosion Matting</u> for the unit price per Square Yard of: _____ _____ dollars and _____ cents.				
P-156-5.4	<u>4</u> EA	<u>Riprap Outlet Protection</u> for the unit price per Each of: _____ _____ dollars and _____ cents.				
P-156-5.5	<u>1</u> EA	<u>Infiltration Basin</u> for the unit price per Each of: _____ _____ dollars and _____ cents.				
P-209-5.1	<u>3,750</u> CY	<u>Crushed Aggregate Base Course</u> for the unit price per Cubic Yard of: _____ _____ dollars and _____ cents.				

BID

ITEM NO.	APPROX. QUANTITY AND UNITS	ITEM DESCRIPTION WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE		BID AMOUNT	
			Dollars	Cents	Dollars	Cents
P-401-8.1	<u>5,150</u> TONS	<u>Bituminous Pavement</u> for the unit price per Ton of: _____ _____ dollars and _____ cents.				
P-410-5.1	<u>6,400</u> LF	<u>Sawcutting</u> for the unit price per Linear Foot of: _____ _____ dollars and _____ cents.				
P-602-5.1	<u>5,200</u> GAL	<u>Bituminous Prime Coat</u> for the unit price per Gallon of: _____ _____ dollars and _____ cents.				
P-603-5.1	<u>1,800</u> GAL	<u>Bituminous Tack Coat</u> for the unit price per Gallon of: _____ _____ dollars and _____ cents.				
P-620-5.1	<u>9,500</u> SF	<u>Painting White</u> for the unit price per Square Foot of: _____ _____ dollars and _____ cents.				

BID

ITEM NO.	APPROX. QUANTITY AND UNITS	ITEM DESCRIPTION WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE		BID AMOUNT	
			Dollars	Cents	Dollars	Cents
P-620-5.2	<u>3,400</u> SF	<u>Painting Yellow</u> for the unit price per Square Foot of: _____ _____ dollars and _____ cents.				
P-620-5.3	<u>12,500</u> SF	<u>Painting Black</u> for the unit price per Square Foot of: _____ _____ dollars and _____ cents.				
D-701-5.1	<u>240</u> LF	<u>18 inch Class V RCP</u> for the specified unit price per Linear Foot of: _____ _____ dollars and _____ cents.				
D-701-5.2	<u>320</u> LF	<u>24 inch Class V RCP</u> for the specified unit price per Linear Foot of: _____ _____ dollars and _____ cents.				
D-705-5.1	<u>23,000</u> SY	<u>Geotextile Fabric Under Pavement</u> for the unit price per Square Yard of: _____ _____ dollars and _____ cents.				

BID

ITEM NO.	APPROX. QUANTITY AND UNITS	ITEM DESCRIPTION WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE		BID AMOUNT	
			Dollars	Cents	Dollars	Cents
D-751-5.1	1 EA	<u>Catch Basin</u> for the unit price per Each of: _____ _____ dollars and _____ cents.				
D-752-5.1	4 EA	<u>18 inch RCP Flared End Section</u> for the unit price Each of: _____ _____ dollars and _____ cents.				
D-752-5.2	3 EA	<u>24 inch RCP Flared End Section</u> for the unit price Each of: _____ _____ dollars and _____ cents.				
D-752-5.3	1 EA	<u>Headwall</u> for the unit price per Each of: _____ _____ dollars and _____ cents.				

BID

ITEM NO.	APPROX. QUANTITY AND UNITS	ITEM DESCRIPTION WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE		BID AMOUNT	
			Dollars	Cents	Dollars	Cents
L-110-5.1	450 LF	<u>Concrete Encased Duct Bank</u> for the unit price per Linear Foot of: _____ _____ dollars and _____ cents.				
L-110-5.2	16 EA	<u>Duct/Cable Markers</u> for the unit price Each of: _____ _____ dollars and _____ cents.				
L-115-5.1	16 EA	<u>Electrical Handholes</u> for the unit price Each of: _____ _____ dollars and _____ cents.				
L-125-5.1	8 EA	<u>Install New Unlit Hold Sign</u> for the unit price Each of: _____ _____ dollars and _____ cents.				

BID

ITEM NO.	APPROX. QUANTITY AND UNITS	ITEM DESCRIPTION WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE		BID AMOUNT	
			Dollars	Cents	Dollars	Cents
T-901-5.1	<u>16</u> AC	<u>Seeding</u> for the unit price per Acre of: _____ _____ dollars and _____ cents.				
T-905-5.1	<u>8,900</u> CY	<u>Topsoil</u> for the unit price per Cubic Yard of: _____ _____ dollars and _____ cents.				
T-908-5.1	<u>16</u> AC	<u>Mulching</u> for the unit price per Square Yard of: _____ _____ dollars and _____ cents.				
VT 625.10	<u>110</u> LF	<u>Sleeves for Utilities</u> for the unit price per Linear Foot of: _____ _____ dollars and _____ cents.				
VT 653.55	<u>10,700</u> LF	<u>Project Demarcation Fence</u> for the unit price per Linear Foot of: _____ _____ dollars and _____ cents.				

BID

ITEM NO.	APPROX. QUANTITY AND UNITS	ITEM DESCRIPTION WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE		BID AMOUNT	
			Dollars	Cents	Dollars	Cents
VT 704.02C	<u>350</u> CY	<u>1 ½" Crushed Stone</u> for the unit price per Cubic Yard of: _____ _____ dollars and _____ cents.				
VT 704.16	<u>120</u> CY	<u>Drainage Aggregate</u> for the unit price per Cubic Yard of: _____ _____ dollars and _____ cents.				