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**ADDENDUM NO. 1
May 20, 2019**

**Town of Buffalo - Great River State Trail Winona Connector
7224-00-72 - Non-Highway
Buffalo County, Wisconsin
THIS PROJECT IS FEDERALLY FUNDED**

SEH No. BUFFC 141867

From: Short Elliott Hendrickson Inc.
10 North Bridge Street
Chippewa Falls, WI 54729-2550
715.720.6200

To: Document Holders

DOCUMENT HOLDERS on the above-named project are hereby notified that this document shall be appended to, take precedence over and become part of the original bidding documents dated May 2, 2019 for this work. Bids submitted for the construction of this work shall conform to this document.

This addendum consists of 1 page and attached Drawing No. 49 and 52.

Changes to Bidding Requirements:

1. Document 00 41 00 Bid Form: Article 3 Basis of Bid, Item 801.0117, Railroad Flagging Reimbursement: Bid Unit Price \$1.

Changes to Appendix - Special Provisions:

2. Special Provisions: 3. Prosecution and Progress: Delete the following paragraphs:

The schedule of operations as required under Standard Spec 108.9.2 shall provide for completion of Structures B-06-500, B-06-501 and B-6-055 by November 30, 2019.

When, in the fall of 2019, after completion of the structures B-06-500, B-06-501 and B-6-055, and weather conditions or seasonal restrictions preclude the satisfactory performance of further work under this contract, the engineer will, in writing, suspend operations until the spring of 2020. Construction operations shall be resumed in the spring of 2020 within ten days after the date on which a written order to do so has been issued by the engineer.

Changes to Drawings:

3. Drawing No. 49 - Structure Plans (Sheet 2 of 3) Retaining Wall 10+00: Replace in its entirety.
4. Drawing No. 52 - Structure Plans (Sheet 2 of 3) Retaining Wall 20+00: Replace in its entirety.

Note: Receipt of this Addendum No. 1 (dated May 20, 2019) shall be acknowledged on Page 00 41 00-6 of the submitted Bid Form. Failure to do so may subject Bidder to disqualification.

END OF ADDENDUM

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1. THE CONTRACTOR SHALL PROVIDE COMPLETE DESIGN, PLANS, DETAILS, SPECIFICATIONS, AND SHOP DRAWINGS FOR THE RETAINING WALLS IN ACCORDANCE WITH THE SPECIAL PROVISIONS. THE RETAINING WALL MANUFACTURER SHALL PROVIDE TECHNICAL ASSISTANCE TO THE CONTRACTOR DURING CONSTRUCTION. THE COST FOR FURNISHING THESE ITEMS SHALL BE INCLUDED IN THE BID ITEM "WALL MODULAR BLOCK MECHANICALLY STABILIZED EARTH".
2. PLANS, ELEVATIONS AND DETAILS SHOWN ON THESE DRAWINGS ARE INTENDED TO INDICATE WALL LOCATIONS, LENGTH, HEIGHTS, AND DETAILS COMMON TO THE WALL SYSTEM SELECTED. THE CONTRACTOR SHALL VERIFY THAT THE WALL SYSTEM SELECTED WILL CONFORM TO THE REQUIRED ALIGNMENTS AND DETAILS.
3. THE RETAINING WALL IS TO BE DESIGNED USING THE ELEVATION GIVEN ON THE MSE WALL PLAN AND ELEVATION VIEW SHEET.
4. A LIVE LOAD SURCHARGE OF 100 PSF IS USED FOR DESIGN.

1. WALL MODULAR BLOCK MECHANICALLY STABILIZED EARTH.
2. WALL FACING UNITS TO CONSIST OF PRECAST MODULAR CONCRETE BLOCKS PRODUCED BY A WETCAST PROCESS.

1. CONTRACTOR IS RESPONSIBLE FOR ENSURING ALL REQUIRED SUBMITTALS HAVE BEEN RECEIVED AND APPROVED PRIOR TO COMMENCING CONSTRUCTION.
2. MSE = MECHANICALLY STABILIZED EARTH.
3. OVER EXCAVATION IS INCIDENTAL TO WALL MODULAR BLOCK MECHANICALLY STABILIZED EARTH LRFD/QMP 10+00, ITEM SPV.0165.01.

	BID ITEM NUMBERS	BID ITEMS	UNIT	TOTALS
①	SPV.0165.01	WALL MODULAR BLOCK MECHANICALLY STABILIZED EARTH LRFD/QMP 10+00	SF	192
②	310.0115	BASE AGGREGATE OPEN GRADED	CY	12
②	612.0406	PIPE UNDERDRAIN WRAPPED 6-INCH	LF	40
②	616.0204	FENCE CHAIN LINK 4-FT	LF	36
②	645.0111	GEOTEXTILE TYPE DF SCHEDULE A	SY	45
②	SPV.0060.01	CHAIN LINK FENCE POST SURFACE MOUNT ANCHOR SLEEVE	EA	6

① QUANTITY IS HT OF WALL - BOTTOM OF THE WALL TO THE TOP OF THE WALL.

② ADDITIONAL QUANTITY SHOWN ELSEWHERE IN THE PLAN

STRATUM LOCATION & SOIL DESCRIPTIONS	UNIT WEIGHT (PCF)	FRICTION ANGLE (DEGREES)	COHESION (PCF)
FOUNDATION SOIL ZONE (SAND) *	115	32	0
RETAINED SOIL ZONE *	115	32	0

MINIMUM DOT STANDARD	CALCULATED CDR (≥ 1.0 REQUIRED)
SLIDING	2.39
BEARING RESISTANCE	4.65
ECCENTRICITY	2.88
GLOBAL STABILITY	1.00

NO.	DATE	REVISION	BY
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION STRUCTURES DESIGN SECTION			
RETAINING WALL 10+00			
DRAWN BY SKW		PLANS CK'D. HDF /WSW	
		SHEET 2 OF 3	

1. THE CONTRACTOR SHALL PROVIDE COMPLETE DESIGN, PLANS, DETAILS, SPECIFICATIONS, AND SHOP DRAWINGS FOR THE RETAINING WALLS IN ACCORDANCE WITH THE SPECIAL PROVISIONS. THE RETAINING WALL MANUFACTURER SHALL PROVIDE TECHNICAL ASSISTANCE TO THE CONTRACTOR DURING CONSTRUCTION. THE COST FOR FURNISHING THESE ITEMS SHALL BE INCLUDED IN THE BID ITEM "WALL MODULAR BLOCK MECHANICALLY STABILIZED EARTH".
2. PLANS, ELEVATIONS AND DETAILS SHOWN ON THESE DRAWINGS ARE INTENDED TO INDICATE WALL LOCATIONS, LENGTH, HEIGHTS, AND DETAILS COMMON TO THE WALL SYSTEM SELECTED. THE CONTRACTOR SHALL VERIFY THAT THE WALL SYSTEM SELECTED WILL CONFORM TO THE REQUIRED ALIGNMENTS AND DETAILS.
3. THE RETAINING WALL IS TO BE DESIGNED USING THE ELEVATION GIVEN ON THE MSE WALL PLAN AND ELEVATION VIEW SHEET.
4. A LIVE LOAD SURCHARGE OF 100 PSF IS USED FOR DESIGN.

1. WALL MODULAR BLOCK MECHANICALLY STABILIZED EARTH.
2. WALL FACING UNITS TO CONSIST OF PRECAST MODULAR CONCRETE BLOCKS PRODUCED BY A WETCAST PROCESS.

1. CONTRACTOR IS RESPONSIBLE FOR ENSURING ALL REQUIRED SUBMITTALS HAVE BEEN RECEIVED AND APPROVED PRIOR TO COMMENCING CONSTRUCTION.
2. MSE = MECHANICALLY STABILIZED EARTH.
3. OVER EXCAVATION IS INCIDENTAL TO WALL MODULAR BLOCK MECHANICALLY STABILIZED EARTH LRFD/QMP 20+00, ITEM SPV.0165.02.

	BID ITEM NUMBERS	BID ITEMS	UNIT	TOTALS
①	SPV.0165.02	WALL MODULAR BLOCK MECHANICALLY STABILIZED EARTH LRFD/QMP 20+00	SF	415
②	310.0115	BASE AGGREGATE OPEN GRADED	CY	28
②	612.0406	PIPE UNDERDRAIN WRAPPED 6-INCH	LF	90
②	616.0204	FENCE CHAIN LINK 4-FT	LF	87
②	645.0111	GEOTEXTILE TYPE DF SCHEDULE A	SY	105
②	SPV.0060.01	CHAIN LINK FENCE POST SURFACE MOUNT ANCHOR SLEEVE	EA	12

② ADDITIONAL QUANTITY SHOWN ELSEWHERE IN THE PLAN

STRATUM LOCATION & SOIL DESCRIPTIONS	UNIT WEIGHT (PCF)	FRICTION ANGLE (DEGREES)	COHESION (PCF)
FOUNDATION SOIL ZONE (SAND) *	115	32	0
RETAINED SOIL ZONE *	115	32	0

MINIMUM DOT STANDARD	CALCULATED CDR (≥ 1.0 REQUIRED)
SLIDING	2.93
BEARING RESISTANCE	7.29
ECCENTRICITY	3.84
GLOBAL STABILITY	1.00

NO.	DATE	REVISION	BY
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION STRUCTURES DESIGN SECTION			
RETAINING WALL 20+00			
		DRAWN BY SKW	PLANS CK'D. HDF/WSW
		SHEET 2 OF 3	