



Department of Transportation

Office of Project Development

700 E Broadway Avenue

Pierre, South Dakota 57501-2586 605/773-3268

FAX: 605/773-2614

January 13, 2016

ADDENDUM NO. 1

RE: Item #10, January 20, 2016 Letting - NH 0018(197)327, PCN 04XV, Gregory County - Traffic Diversion for Landslide

TO WHOM IT MAY CONCERN:

The following addenda to the plans shall be inserted and made a part of your proposal for the referenced project.

SPECIAL PROVISIONS: NO CHANGE

BID ITEM FILE: *Bidders must log in to retrieve the addendum bid item file that must be loaded into the SDEBS to incorporate the revisions listed here.*

Bid Items were removed:

Bid Item 004E0030 "Maintenance of Traffic Diversion(s)"

PLANS: Please destroy sheets A1 & B1 and replace with the enclosed sheets, dated 1/11/16.

Sheet A1 Bid Item 004E0030 "Maintenance of traffic Diversion(s)" was removed.

Sheet B1 Bid Item 004E0030 "Maintenance of traffic Diversion(s)" was removed and TRAFFIC DIVERSION note was removed.

Sincerely,

Sam Weisgram
Engineering Supervisor

SW/cj

CC: Craig Smith, Mitchell Region Engineer
Jay Peppel, Mitchell Area Engineer

ESTIMATE OF QUANTITIES AND ENVIRONMENTAL COMMITMENTS

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH 0018(197)327	A1	A3

Plotting Date: 01/11/2016 Revised 1-11-16 RTG

Section B - Grading

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
009E0010	Mobilization	Lump Sum	LS
100E0100	Clearing	Lump Sum	LS
110E0600	Remove Fence	1,089	Ft
110E7510	Remove Pipe End Section for Reset	1	Each
120E0010	Unclassified Excavation	6,596	CuYd
450E4759	18" CMP 16 Gauge, Furnish	70	Ft
450E4760	18" CMP, Install	70	Ft
450E5010	18" CMP Elbow, Furnish	1	Each
450E5011	18" CMP Elbow, Install	1	Each
450E9001	Reset Pipe End Section	1	Each
620E0020	Type 2 Right-of-Way Fence	378	Ft
620E0030	Type 3 Right-of-Way Fence	585	Ft
620E1020	2 Post Panel	14	Each

Section C - Traffic Control

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
634E0010	Flagging	30.0	Hour
634E0110	Traffic Control Signs	138	SqFt
634E0120	Traffic Control, Miscellaneous	Lump Sum	LS

Section D - Erosion and Sediment Control

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
110E1690	Remove Sediment	1.0	CuYd
110E1700	Remove Silt Fence	29	Ft
230E0010	Placing Topsoil	1,336	CuYd
730E0251	Special Permanent Seed Mixture 1	69	Lb
731E0200	Fertilizing	2.06	Ton
732E0100	Mulching	5.5	Ton
734E0103	Type 3 Erosion Control Blanket	45	SqYd
734E0154	12" Diameter Erosion Control Wattle	450	Ft
734E0510	Shaping for Erosion Control Blanket	50	Ft
734E0604	High Flow Silt Fence	116	Ft
734E0610	Mucking Silt Fence	8	CuYd
734E0620	Repair Silt Fence	29	Ft

INDEX OF SHEETS

A1 Estimate of Quantities for Sections B,C,D, and F
 A2 and A3 Environmental Commitments

Section F - Surfacing

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
120E6200	Water for Granular Material	27.9	MGal
260E1010	Base Course	1,502.8	Ton
260E3010	Gravel Surfacing	833.0	Ton

SPECIFICATIONS

Standard Specifications for Roads and Bridges, 2015 Edition and Required Provisions, Supplemental Specifications, and Special Provisions as included in the Proposal.

SECTION B ESTIMATE OF QUANTITIES

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
009E0010	Mobilization	Lump Sum	LS
100E0100	Clearing	Lump Sum	LS
110E0600	Remove Fence	1,089	Ft
110E7510	Remove Pipe End Section for Reset	1	Each
120E0010	Unclassified Excavation	6,596	CuYd
450E4759	18" CMP 16 Gauge, Furnish	70	Ft
450E4760	18" CMP, Install	70	Ft
450E5010	18" CMP Elbow, Furnish	1	Each
450E5011	18" CMP Elbow, Install	1	Each
450E9001	Reset Pipe End Section	1	Each
620E0020	Type 2 Right-of-Way Fence	378	Ft
620E0030	Type 3 Right-of-Way Fence	585	Ft
620E1020	2 Post Panel	14	Each

GRADING OPERATIONS

Water for Embankment is estimated at the rate of 15 gallons of water per cubic yard of Embankment minus Waste. The estimated quantity of Water for Embankment is 56 MGal. No separate payment will be made for the Water for Embankment and all costs associated shall be incidental to the contract unit price per cubic yard of "Unclassified Excavation".

The estimated cubic yards of excavation and/or embankment required to construct outlet ditches, ditch blocks, and approaches are included in the earthwork balance notes on the profile sheets.

Special ditch grades and other sections of the roadway different than the typical section shall be constructed to the limits shown on the cross sections. If significant changes to the cross sections are necessary during construction, the Engineer shall contact the Designer for the proposed change.

Generally, all shallow inlet and outlet ditches as noted on the plan sheets shall be cut with a 10-foot wide bottom with 5:1 backslopes. However, the Engineer may direct the Contractor to adjust the ditch width for proper alignment with the drainage structure.

Temporary fence and/or permanent fence shall be placed ahead of the grading operation unless otherwise directed by the Engineer.

UTILITIES

The Contractor shall be aware that the existing utilities shown in the plans were surveyed prior to the design of this project and might have been relocated or replaced by a new utility facility prior to construction of this project, might be relocated or replaced by a new utility facility during the construction of this project, or might not require adjustment and may remain in its current location. The Contractor shall contact each utility owner and confirm the status of all existing and new utility facilities. The following are the contacts for the existing utilities:

Russ Phillips
Tripp County Rural Water
1052 West 1st. Street
Winner, SD 57580
605-842-2755

Dean Fischer
Northeast Nebraska Telephone Company
PO Box 233
Butte, NE 68722
402-340-3202

SHRINKAGE FACTOR: Embankment +40 %

TABLE OF EXCAVATION QUANTITIES BY BALANCES

Station to	Station	Excavation (CuYd)	** Haul (CuYdSta)
0+00	11+90	5260	15800
Totals:		5260	15800

** The quantities for these items are for information only.

TABLE OF UNCLASSIFIED EXCAVATION

Excavation	5260
Topsoil	1336
Total	6596

HAUL

Included in the Table of Excavation Quantities by Balances is Haul. It is not a pay item and is for informational purposes only.

Haul: Estimated quantity (CuYdSta) for moving unclassified excavation material to the locations where it is needed throughout the earthwork balance.

PROCEDURES FOR DETERMINING UNCLASSIFIED EXCAVATION QUANTITY

When plan quantities are used for payment, the Unclassified Excavation quantity shall be used for final payment.

The following paragraphs are general earthwork information and information in regards to computing the Unclassified Excavation quantity when final cross sections are taken in the field:

The Topsoil quantity in the Table of Unclassified Excavation is an estimate. When finaling a project, the total quantity of field measured Topsoil shall be used in place of the estimated Topsoil quantity. The quantity of Topsoil from the cuts will be paid for twice as Unclassified Excavation, as it will be in both the Excavation and Topsoil quantities. This will be full compensation for Excavation, which includes necessary undercutting to provide space for placement of topsoil.

TABLE OF PIPE INSTALLATIONS

Location	Pipe Installation
8+42	Install 18" - 70' CMP, 1-70° Elbow, and Remove and Reset Pipe End Section

CORRUGATED METAL PIPE

Corrugated metal pipes shall have 2 3/8-inch X 1/2-inch corrugations for 42-inch and smaller round pipe and 48-inch and smaller arch pipe unless otherwise stated in the plans. Corrugated metal pipes shall have 3-inch X 1-inch or 5-inch X 1-inch corrugations for 48-inch and larger round pipe and 54-inch and larger arch pipe unless otherwise stated in the plans.

The gauge of the corrugated metal elbows, and ends shall match the thickest gauge of corrugated metal pipe it is connected to.