



Department of Transportation

Pierre Region Office

104 S. Garfield – Bldg. A
Pierre, South Dakota 57501-5405 605/773-3464
FAX: 605/773-6215

February 22, 2016

RE: **ADDENDUM No. 1**
PROJECTS 271-371 & 271-371
PCN i3X3 & i3X4
Walworth County
Culvert Replacement, Cold Milling Asphalt Concrete, Concrete Valley Gutter, & Asphalt
Concrete Resurfacing

TO WHOM IT MAY CONCERN:

The following addenda to the contract shall be inserted and made part of your proposal for the above referenced project:

COVER SHEET: **THIS SHEET MUST BE SIGNED, DATED AND SUBMITTED WITH YOUR BID. NOT SUBMITTING THIS COVER SHEET WILL RESULT IN YOUR BID BEING REJECTED.**

PROPOSAL: Discard the original “DOT123” for PCN i3X3 & i3X4 and replace with the revised “DOT123” supplied in the attached addenda.

The bid item “Detour Signing” has been added to DOT123 and the bid item “Traffic Control Signs” quantity was updated in the DOT123 for both PCN i3X3 & i3X4.

PLANS: Discard “Sheet 7” in original plan set and replace with revised “Sheet 7” supplied in the attached addenda.

The “0.065 acres” disturbed was changed to” 0.365 acres” disturbed within the Erosion Control plan note.

Please verify that all required information is complete prior to mailing bidding documents.

Questions regarding this addendum may be directed to:
Tony Ondricek at 605-773-3464 – Senior Region Design Engineer
or Vance Martin at 605-773-3464 – Region Design Engineer

Respectfully,

DEPARTMENT OF TRANSPORTATION

John Forman
Pierre Region Engineer

cc: J. Humphrey – Operations
K. Lewedag – DBE Coordinator
J. Koch – Pierre Region Materials
J. Villbrandt, E. Stroeder – Mobridge Area
Project File

COVER SHEET

By signing this document the Contractor acknowledges receipt of **Addendum No. 1** dated **February 22, 2016** for the following projects:

PROJECTS 271-371 & 271-371
PCN i3X3 & i3X4
Walworth County
Culvert Replacement, Cold Milling Asphalt Concrete, Concrete Valley
Gutter, & Asphalt Concrete Resurfacing

This cover sheet **must** accompany the Contractors other bidding documents as defined in the original proposal.

Name of Company (print or type)

Date

By _____
Signature of Company Official

Title

Notarization is not required on this document.

**SOUTH DAKOTA DEPARTMENT OF TRANSPORTATION
CONTRACT PROPOSAL**

DOT-123 (5/05)
1 of 3
Revised by VM on 2/22/16

CODE	PROJECT			MAINT UNIT	CONTROL REFERENCE	AFE	FUNCTION	BEGIN MRM	END MRM
	PRE	ROUTE	AGR						
		271		371		i3X3		165.00+0.100	165.00+0.100
		271		371		i3X4		167.00+0.570	167.00+0.722

CITY AND/OR COUNTY: Walworth

BUDGET SOURCE:

FY16 Contract Maintenance

FINALS ENGINEER REVIEW REQUIRED: YES NO
REGION MATERIALS CERTIFICATION REQUIRED: YES NO
CERTIFIED INSPECTORS/TESTERS REQUIRED: YES NO
TO BE INSTALLED ON CM&P: YES NO

TYPE, PURPOSE AND LOCATION OF WORK: Culvert Replacement, Cold Milling Asphalt Concrete, Concrete Valley Gutter,
& Asphalt Concrete Resurfacing

ESTIMATE OF QUANTITIES AND COST

BID ITEM NUMBER	ITEM	QUANTITY	UNIT	UNIT PRICE	AMOUNT
Project 271-371 PCN i3X3					
009E0010	Mobilization	LUMP SUM	LS	LUMP SUM	
110E0500	Remove Pipe Culvert	36	Ft		
110E0510	Remove Pipe End Section	2	Each		
110E1690	Remove Sediment	0.4	CuYd		
110E1700	Remove Silt Fence	58	Ft		
120E0010	Unclassified Excavation	141	CuYd		
120E0600	Contractor Furnished Borrow Excavation	539	CuYd		
230E0100	Remove and Replace Topsoil	LUMP SUM	LS	LUMP SUM	
260E1010	Base Course	45.6	Ton		
320E1200	Asphalt Concrete Composite	21.3	Ton		
421E0100	Pipe Culvert Undercut	31	CuYd		
450E0182	36" RCP Class 2, Furnish	88	Ft		
450E0190	36" RCP, Install	88	Ft		
450E2028	36" RCP Flared End, Furnish	4	Each		
450E2029	36" RCP Flared End, Install	4	Each		
462E0100	Class M6 Concrete	1.3	CuYd		
464E0100	Controlled Density Fill	16.0	CuYd		
634E0010	Flagging	20.0	Hour	\$24.19	\$483.80
634E0110	Traffic Control Signs	485	SqFt		
634E0120	Traffic Control, Miscellaneous	LUMP SUM	LS	LUMP SUM	
634E0285	Type 3 Barricade, 8' Double Sided	15	Each		
634E1002	Detour Signing	108.0	SqFt		
734E0010	Erosion Control	LUMP SUM	LS	LUMP SUM	
734E0131	Type 1 Turf Reinforcement Mat	1433.3	SqYd		
734E0154	12" Diameter Erosion Control Wattle	175	Ft		
734E0165	Remove and Reset Erosion Control Wattle	44	Ft		
734E0450	Temporary Water Barrier	88	Ft		
734E0602	Low Flow Silt Fence	230	Ft		
734E0610	Mucking Silt Fence	16	CuYd		
734E0620	Repair Silt Fence	58	Ft		
TOTAL A					

**SOUTH DAKOTA DEPARTMENT OF TRANSPORTATION
CONTRACT PROPOSAL**

DOT-123 (5/05)
2 of 3
Revised by VM on 2/22/16

CODE	PROJECT			MAINT UNIT	CONTROL REFERENCE	AFE	FUNCTION	BEGIN MRM	END MRM
	PRE	ROUTE	AGR						
		271		371		i3X3		165.00+0.100	165.00+0.100
		271		371		i3X4		167.00+0.570	167.00+0.722

ESTIMATE OF QUANTITIES AND COST

BID ITEM NUMBER	ITEM	QUANTITY	UNIT	UNIT PRICE	AMOUNT
Project 271-371 PCN i3X4					
009E0010	Mobilization	LUMP SUM	LS	LUMP SUM	
110E0500	Remove Pipe Culvert	144	Ft		
110E1690	Remove Sediment	0.4	CuYd		
110E1700	Remove Silt Fence	83	Ft		
120E0010	Unclassified Excavation	303	CuYd		
120E0600	Contractor Furnished Borrow Excavation	71	CuYd		
230E0100	Remove and Replace Topsoil	LUMP SUM	LS	LUMP SUM	
260E1010	Base Course	92.3	Ton		
320E1200	Asphalt Concrete Composite	88.5	Ton		
332E0010	Cold Milling Asphalt Concrete	570	SqYd		
421E0100	Pipe Culvert Undercut	44	CuYd		
450E0182	36" RCP Class 2, Furnish	126	Ft		
450E0190	36" RCP, Install	126	Ft		
450E2028	36" RCP Flared End, Furnish	6	Each		
450E2029	36" RCP Flared End, Install	6	Each		
464E0100	Controlled Density Fill	22.0	CuYd		
634E0010	Flagging	30.0	Hour	\$24.19	\$725.70
634E0110	Traffic Control Signs	485	SqFt		
634E0120	Traffic Control, Miscellaneous	LUMP SUM	LS	LUMP SUM	
634E0285	Type 3 Barricade, 8' Double Sided	15	Each		
634E1002	Detour Signing	144.0	SqFt		
650E6280	8" Concrete Valley Gutter	151.8	SqYd		
734E0010	Erosion Control	LUMP SUM	LS	LUMP SUM	
734E0154	12" Diameter Erosion Control Wattle	175	Ft		
734E0165	Remove and Reset Erosion Control Wattle	44	Ft		
734E0602	Low Flow Silt Fence	330	Ft		
734E0610	Mucking Silt Fence	23	CuYd		
734E0620	Repair Silt Fence	83	Ft		
998E0100	Railroad Protective Insurance	LUMP SUM	LS	LUMP SUM	
TOTAL B					

CONTRACT COMBINED TOTAL (A+B)

**SOUTH DAKOTA DEPARTMENT OF TRANSPORTATION
CONTRACT PROPOSAL**

DOT-123 (5/05)
3 of 3
Revised by VM on 2/22/16

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		271		371		i3X4		167.00+0.570	167.00+0.722

CONTRACTOR'S PROPOSAL STATEMENT

The undersigned does hereby agree to furnish the labor and/or material in the quantities, at the unit price, for the purpose, in the place and in accordance with attached provisions upon approval of this Proposal by the State Transportation Commission. This document becomes the Contract when signed by the Contractor and a Department of Transportation Representative. The Contractor agrees to provide services in compliance with the Americans with Disabilities Act of 1990. The Contractor agrees to provide a certificate of insurance prior to commencing work, for liability coverage for the duration of the work as per the current edition of the SDDOT Standard Specifications for Roads and Bridges.

PROPOSED START DATE April 1,2016 **OVERALL COMPLETION DATE** August 5,2016

SUBSCRIBED AND SWORN TO BEFORE ME THE **SIGNATURE** _____
DAY OF _____, **20**____ **COMPANY** _____
 _____ **ADDRESS** _____

NOTARY - My Commission Expires _____ **FEDERAL TAX ID NUMBER** _____

RECOMMENDED FOR APPROVAL:

_____	_____	CONSTRUCTION & MAINTENANCE ENGINEER	DATE
REGION ENGINEER	DATE	_____	DATE
		DIRECTOR OF OPERATIONS	

APPROVED FOR THE TRANSPORTATION COMMISSION

NAME _____ **TITLE** _____ **DATE** _____

APPROVED as per Federal Highway Stewardship Provisions this _____ **day of** _____, **20**____.

PROJECT DEVELOPMENT ENGINEER

Revised by V. Martin on 2/22/16

CONTROLLED DENSITY FILL FOR PIPE

Controlled density fill shall be in conformance with Section 464 of the Specifications.

The controlled density fill shall be placed between the pipes from the base of pipe elevation to the haunch of the pipes.

TABLE OF CONTROLLED DENSITY FILL FOR PIPE

Location	Quantity (CuYd)
Site 1	22.0
Site 2	16.0
Total:	38.0

REMOVING, STOCKPILING, AND REPLACING TOPSOIL

The Contractor will be required to remove and salvage 4 inches of the existing topsoil down a portion of the inslope throughout the entire length of the pipe installation areas and at areas where the Engineer determines to be necessary based on the amount of disturbance to the existing topsoil due to the Contractor's operation.

The Contractor shall stockpile the material at a site approved by the Engineer, and/or windrow the material near the disturbed areas to control potential sediment runoff as determined by the Engineer.

The replacement of topsoil shall be spread evenly throughout all disturbed areas upon completion of the work. Any clumps larger than 3 inches shall be broken up prior to seeding the areas.

All topsoil removal, stockpiling, salvaging, windrowing, and replacement shall be done as according to the plans and/or as directed by the Engineer.

All cost associated with removing, salvaging, stockpiling, windrowing, and replacing topsoil shall be incidental to the contract lump sum price for "Remove and Replace Topsoil".

Measurement of topsoil quantities will not be made; however for informational purposes only, the table below shows the estimated topsoil removal and replacement throughout the projects.

TABLE OF ESTIMATED TOPSOIL REMOVAL AND REPLACEMENT

Location	Quantity (CuYd)
Site 1	18
Site 2	119
Site 3	44
Total:	181

EROSION CONTROL

The areas disturbed as a result of work on this project shall be restored and/or reshaped to the satisfaction of the Engineer. All disturbed areas shall be seeded and mulched. Disturbed areas anticipated on the project include embankment build-up areas throughout the pipe replacement areas and all other areas disturbed as a result of the Contractor's operations.

Type G Permanent Seed Mixture shall consist of the following:

Grass Species	Variety	Pure Live Seed (PLS) (Pounds/Acre)
Western Wheatgrass	Arriba, Flintlock, Rodan, Rosana	7
Switchgrass	Dacotah, Forestburg, Nebraska 28, Pathfinder, Summer, Sunburst, Trailblazer	3
Indiangrass	Holt, Tomahawk	3
Big Bluestem	Bison, Bonilla, Champ, Pawnee, Sunnyview	3
Oats or Spring Wheat: April through May; Winter Wheat: August through November		10
Total:		26

It is estimated that 0.365 acres shall be disturbed throughout the aforementioned areas.

Mulch shall be applied at a rate of 2 ton/acre.

Application of fertilizer will not be required on this project.

All costs associated with furnishing/placing the seed, mulch, and inoculum, along with all labor, equipment and incidental to the contract lump sum price for "Erosion Control".

MYCORRHIZAL INOCULUM

Mycorrhizal inoculum shall consist of mycorrhizal fungi spores and mycorrhizal fungi-infected root fragments in a solid carrier. The carrier may include organic materials, calcinated clay, or other materials consistent with application and good plant growth. The supplier shall provide certification of the fungal species claimed and the live propagule count. The inoculum shall include the following fungal species:

<i>Glomus intraradices</i>	25%
<i>Glomus aggregatu</i>	25%
<i>Glomus mosseae</i>	25%
<i>Glomus etunicatum</i>	25%

All seed shall be inoculated by the seed supplier with a minimum of 100,000 live propagules of mycorrhizal fungi per acre. All costs of inoculating the seed shall be incidental to the contract lump sum price for "Erosion Control".

The mycorrhizal inoculum shall be as shown below or an approved equal:

<u>Product</u>	<u>Manufacturer</u>
MycApply	Mycorrhizal Applications, Inc. Grants Pass, OR Phone: 1-866-476-7800 http://www.mycorrhizae.com/

TURF REINFORCEMENT MAT

Turf Reinforcement Mat shall be installed at locations shown in the table at the widths specified, and at locations determined by the Engineer during construction. The Contractor shall use a turf reinforcement mat from the approved products list. The approved product list for turf reinforcement mat may be viewed at the following internet site:

<http://sddot.com/business/certification/products/Default.aspx>

TABLE OF TURF REINFORCEMENT MAT

Station to	Station	Location	L/R	Width (Ft)	Type	Quantity (SqYd)
43+60	46+60	Site 2	L	21.0	1	700.0
43+60	46+60	Site 2	R	22.0	1	733.3
Total Type 1 Turf Reinforcement Mat:						1433.3

LOW FLOW SILT FENCE

The low flow silt fence fabric provided shall be from the approved product list. The approved product list for low flow silt fence may be viewed at the following internet site:

<http://sddot.com/business/certification/products/Default.aspx>

Low flow silt fence shall be placed at the locations noted in the table and at locations that will minimize siltation of adjacent streams, lakes, dams, or drainage areas as determined by the Engineer during construction. Refer to Standard Plate 734.04 for details.

TABLE OF LOW FLOW SILT FENCE

Location	Quantity (Ft)
Site 1	200
Site 2	200
Site 3	100
Additional Quantity:	60
Total:	560