



Department of Transportation

Rapid City Region Office

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June 10, 2009

ADDENDUM NO. 1

RE: June 11, 2009 Rapid City Region Informal Letting – 087-491, PCN IOW3 – Custer County – Retaining Wall Replacement

TO WHOM IT MAY CONCERN:

The following addendum to the plans shall be inserted and made a part of your proposal for the referenced project. The reason for the addendum is to:

- Add the Alternate Bid to the Contract Proposal (DOT-123)
- Add Flagging
- Move payment for the 7/8" threaded rod from the Base Bid to the Alternate 1
- Add a note on payment of crushed gravel backfilling wall.

PROPOSAL:

- Replace with the attached proposal. Flagging and Alternate 1 were added. Item for 7/8" threaded rod was moved.

PLANS:

- Replace Sheet 2 with the attached sheet. The item Flagging was added. The item for the 7/8" threaded rod was moved from the Base Bid to the Alternate 1.
- Make pen and ink change to sheet 9. Under the Estimated Quantities, make a star symbol next to the item for 7/8" Threaded Rod, Adhesive Anchor
- Make pen and ink change to sheet 10 by modifying #14 under GENERAL NOTES to read as follows:
 14. Use 1'-0" of crushed gravel adjacent to the back face of the retaining wall. Crushed gravel is to be approved by the Engineer. All costs involved in furnishing and installing the crushed gravel shall be incidental to the contract unit price per cubic yard for Class A45 Concrete, Miscellaneous. Remaining backfill of wall may be completed with local material.

Sincerely,

Thomas P. Horan

Region Operations Engineer

**SOUTH DAKOTA DEPARTMENT OF TRANSPORTATION
CONTRACT PROPOSAL**

DOT-123
(5/05)

CODE	PRE	PROJECT ROUTE	AGR	MAINT UNIT	CONTROL REFERENCE	AFE	FUNCTION	BEGIN MRM	END MRM
		087		491		10W3		0710	0710

CITY AND /OR COUNTY Custer BUDGET SOURCE FY09 Cont. Maint.
 FINALS ENGINEER REVIEW REQUIRED YES NO
 REGION MATERIALS CERTIFICATION REQUIRED YES NO
 CERTIFIED INSPECTORS/TESTERS REQUIRED YES NO
 TO BE INSTALLED ON THE CM&P YES NO
 TYPE, PURPOSE AND LOCATION OF WORK Retaining Wall Replacement on Hwy 87 mp 71.0

ESTIMATE OF QUANTITIES AND COST

BID ITEM NUMBER	ITEM	QUANTITY	UNIT	UNIT PRICE	AMOUNT
009E0010	Mobilization	Lump Sum	LS		
110E0100	Clearing	Lump Sum	LS		
110E1305	Remove Timber Retaining Wall	95.0	Ft		
250E0010	Incidental Work	Lump Sum	LS		
250E1010	Base Course	66.0	Ton		
320E1200	Asphalt Concrete Composite	35.0	Ton		
410E0030	Structural Steel, Miscellaneous	Lump Sum	LS		
420E0300	Structure Excavation, Retaining Wall	373	CuYd		
460E0100	Class A45 Concrete, Miscellaneous	74.1	CuYd		
480E0100	Reinforcing Steel	13,456	Lb		
634E0010	Flagging	80	Hour	\$22.16	\$1772.80
634E0100	Traffic Control	408	Unit		
634E0120	Traffic Control Miscellaneous	Lump Sum	LS		
680E0040	4" Underdrain Pipe	116	Ft		
680E2010	Precast Concrete Headwall for Drain	1	Each		
900E0900	Curb Stop	7	Each		
				BASE BID	
	Alternate 1				
900E0100	Stone Facing	1180	SqFt		
460E5050	7/8" Threaded Rod, Adhesive Anchor	18	Each		
				COMBINED BID	

CONTRACTORS PROPOSAL STATEMENT

The undersigned does hereby agree to furnish the labor and/or material in the quantities, at the unit price, for the purpose and in the place all 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 June 20, 2009 OVERALL COMPLETION DATE May 21, 2010

SUBSCRIBED AND SWORN TO BEFORE ME THE
____ DAY OF _____, 20____

SIGNATURE _____
COMPANY _____
ADDRESS _____

NOTARY – My Commission Expires _____ FED. TAX ID NUMBER _____

RECOMMENDED FOR APPROVAL:

CONSTRUCTION/MAINTENANCE ENGR. DATE

REGION ENGINEER DATE

DIRECTOR OF OPERATIONS DATE

APPROVED FOR THE TRANSPORTATION COMMISSION

NAME _____ TITLE _____ DATE _____

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

PROJECT DEVELOPMENT ENGINEER

ESTIMATE OF QUANTITIES**Base Bid**

Bid Item Number	Item	Quantity	Unit
009E0010	Mobilization	Lump Sum	LS
100E0100	Clearing	Lump Sum	LS
110E1305	Remove Timber Retaining Wall	95.0	Ft
250E0010	Incidental Work	Lump Sum	LS
260E1010	Base Course	66.0	Ton
320E1200	Asphalt Concrete Composite	35.0	Ton
410E0030	Structural Steel, Miscellaneous	Lump Sum	LS
420E0300	Structure Excavation, Retaining Wall	373	CuYd
460E0100	Class A45 Concrete, Miscellaneous	74.1	CuYd
480E0100	Reinforcing Steel	13,456	Lb
634E0010	Flagging	80	Hour
634E0100	Traffic Control	408	Unit
634E0120	Traffic Control, Miscellaneous	Lump Sum	LS
680E0040	4" Underdrain Pipe	116	Ft
680E2010	Precast Concrete Headwall for Drain	1	Each
900E0900	Curb Stop	7	Each

Alternate 1

Bid Item Number	Item	Quantity	Unit
460E5050	7/8" Threaded Rod, Adhesive Anchor	18	Each
900E0100	Stone Facing	1,180	SqFt

SPECIFICATIONS

Standard Specifications for Roads & Bridges, 2004 Edition and Required Provisions, Supplemental Specifications and/or Special Provisions as included in the Proposal.

WORK DESCRIPTION

Work on this project will proceed in accordance with the Sequence of Operations. Work on this project will consist of the removal of the existing timber retaining wall and replacement with a new concrete retaining wall.

SEQUENCE OF OPERATIONS - GENERAL

The intent of the plan sequence of operations is to have the least amount of impact on the traveling public and adjacent landowners. Requests to deviate from the sequence of operations shall be submitted in writing to the Engineer for review. Approval of an alternate sequence of operations will only be allowed when the proposed changes meet with the Department's intent for traffic control and sequencing of the work. An alternate sequence shall be submitted for review a minimum of two weeks prior to potential implementation.

During the prosecution of the work, all vehicles, equipment and material shall be located in the area that is closed to traffic. Temporary parking or material storage within the part of the roadway used by traffic shall not be permitted.

All Contractors' vehicles or equipment entering or leaving a closed work area shall display a flashing amber light.

SEQUENCE OF OPERATIONS

Variations from this sequence shall be submitted to the Engineer for approval.

1. Set up traffic control.
2. Remove existing curb stops for reset and remove and dispose of pedestrian rail.
3. Remove small trees and brush from face of existing wall.
4. Saw-cut and remove pavement from required areas.
5. Remove existing timber wall.
6. Excavate for new wall.
7. Construct new wall and stone facing.
8. Place asphalt concrete composite.
9. Reset existing curb stops and install new curb stops.
10. Remove traffic control.

GENERAL MAINTENANCE OF TRAFFIC

Removing, relocating, covering, salvaging and resetting of existing traffic control devices, including delineation, shall be the responsibility of the Contractor. Cost for this work shall be incidental to the contract unit prices for the various items unless otherwise specified in the plans. Any delineators and signs damaged or lost shall be replaced by the Contractor at no cost to the State.

The bottom of signs on portable or temporary supports shall not be less than seven feet above the pavement in urban areas and one foot above the pavement in rural areas. Portable sign supports may be used as long as the duration is less than 3 days. If the duration is more than 3 days the signs shall be on fixed supports.

Storage of vehicles and equipment shall be outside the clear zone and as near as possible to the right-of-way line. Contractor's employees should mobilize at a location off the right-of-way and arrive at the work sites in a minimum number of vehicles necessary to perform the work.

Indiscriminate driving and parking of vehicles within the right-of-way will not be permitted. Any damage to the vegetation, surfacing, embankment, delineators and existing signs resulting from such indiscriminate use shall be repaired and/or restored by the Contractor, at no expense to the State, and to the satisfaction of the Engineer.

When open to traffic, the excavated area shall be protected with orange fence during periods of no work.

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	087-491	2	17

Revised 6/9/2009

INVENTORY OF TRAFFIC CONTROL DEVICES

SIGN CODE	SIGN SIZE	DESCRIPTION	NUMBER REQUIRED	UNITS PER SIGN	UNITS
G20-2	36" x 18"	END ROAD WORK	4	17	68
W20-1	48" x 48"	ROAD WORK ##### FT. OR AHEAD	4	34	136
W20-4	48" x 48"	ONE LANE ROAD ##### FT. OR AHEAD	2	34	68
W20-7a	48" x 48"	FLAGGER	2	34	68
W21-5	48" x 48"	SHOULDER WORK	2	34	68
TOTAL UNITS					408

SAW-CUTTING IN-PLACE ASPHALT CONCRETE

In areas where required due to the reconstruction of the wall, the existing asphalt surfacing shall be saw-cut vertically and removed.

The cost for saw-cutting, removing, and disposal of in-place material shall be included in incidental work.

ASPHALT CONCRETE COMPOSITE

Mineral aggregate for the Asphalt Concrete Composite shall conform to the requirements of the Standard Specifications for Class E, Type 1.

In areas where in-place material has been removed, Asphalt Concrete Composite shall be placed 4" deep or as directed by the Engineer.

Before the Asphalt Concrete Composite is placed, the Contractor shall ensure that there will be 8" of base course under the new asphalt.

All other requirements in the Standard Specifications for Asphalt Concrete Composite shall apply.

The asphalt binder used in the mixture shall be PG 64-28. Asphalt Binder.

INCIDENTAL WORK

Incidental work includes, but is not limited to the following:

1. Saw-cutting, removing, and disposal of in-place asphalt material.
2. Removal and disposal of wooden pedestrian railing.
3. Removal and reset of existing curb stops above wall to the satisfaction of the Engineer.
4. Restoration of all disturbed area to the satisfaction of the Engineer.

CLEARING

All costs for the removal and disposal of any small trees and vegetation required to build the retaining wall shall be incidental to the contract lump sum price for Clearing.