



Department of Transportation

Rapid City Region Office

2300 Eglin Street

P.O. Box 1970

Rapid City, SD 57709-1970

Phone: 605/394-2244

FAX: 605/394-1904

August 19, 2014

ADDENDUM NO. 1

RE: August 26, 2014 Rapid City Region Office Informal Letting
PS 0018(130)62, Fall River Co., PCN 00QM, Railroad Crossing Rehabilitation

TO WHOM IT MAY CONCERN:

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

PROPOSAL:

- Please remove the DOT-123 and replace with the attached.

PLANS:

- Please remove sheets 2,3, and 7 and replace with the attached. Gravel Surfacing was replaced with Base Course.

Sincerely,

John Rehorst
Region Design 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
	PS	0018	130		62	00QM			

CITY AND /OR COUNTY Fall River BUDGET SOURCE FY14 Construction.
 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 Railroad Crossing Rehabilitation on Hwy 18 near Oelrichs

ESTIMATE OF QUANTITIES AND COST

BID ITEM NUMBER	ITEM	QUANTITY	UNIT	UNIT PRICE	AMOUNT
004E0030	Maintenance of Traffic Diversion(s)	Lump Sum	LS		
004E0050	Remove Traffic Diversion(s)	Lump Sum	LS		
009E0010	Mobilization	Lump Sum	LS		
110E1010	Remove Asphalt Concrete Pavement	22.0	SqYd		
110E7150	Remove Sign for Reset		Each		
120E0600	Contractor Furnished Borrow	2092	CuYd		
230E0100	Remove and Replace Topsoil	*Lump Sum	LS		
260E1010	Base Course	159.5	Ton		
320E1200	Asphalt Concrete Composite	6.0	Ton		
632E3500	Reset Sign	1	Each		
634E0010	Flagging	80	Hour	\$23.55	\$1884.00
634E0100	Traffic Control	1330	Unit		
634E0120	Traffic Control Miscellaneous	Lump Sum	LS		
634E0640	Temporary Pavement Marking	2544	Ft		
734E0010	Erosion Control	Lump Sum	LS		
734E0154	12" Diameter Erosion Control Wattle	320	Ft		
998E0100	Railroad Protective Insurance	Lump Sum	LS		
				TOTAL	

This document is for information only. Do not use for bidding purposes.

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 September 2, 2014 OVERALL COMPLETION DATE May 1, 2015 and
as per Special Provision

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

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ESTIMATE OF QUANTITIES AND ENVIRONMENTAL COMMITMENTS

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	PS 0018(130)62	2	21

Revised 8/19/2014 jpr

ESTIMATE OF QUANTITIES

Bid Item Number	Item	Quantity	Unit
004E0030	Maintenance of Traffic Diversion(s)	Lump Sum	LS
004E0050	Remove Traffic Diversion(s)	Lump Sum	LS
009E0010	Mobilization	Lump Sum	LS
110E1010	Remove Asphalt Concrete Pavement	22.0	SqYd
110E7150	Remove Sign for Reset	1	Each
120E0600	Contractor Furnished Borrow	2,092	CuYd
230E0100	Remove and Replace Topsoil	Lump Sum	LS
260E1010	Base Course	159.5	Ton
320E1200	Asphalt Concrete Composite	6.0	Ton
632E3500	Reset Sign	1	Each
634E0010	Flagging	80	Hour
634E0100	Traffic Control	1,330	Unit
634E0120	Traffic Control, Miscellaneous	Lump Sum	LS
634E0640	Temporary Pavement Marking	2,544	Ft
734E0010	Erosion Control	Lump Sum	LS
734E0154	12" Diameter Erosion Control Wattle	320	Ft
998E0100	Railroad Protective Insurance	Lump Sum	LS

SPECIFICATIONS

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

ENVIRONMENTAL COMMITMENTS

An Environmental Commitment is a measure that SDDOT commits to implement in order to avoid, minimize, and/or mitigate a real or potential environmental impact. Environmental commitments to various agencies and the public have been made to secure approval of this project. An agency mentioned below with permitting authority can influence a project if perceived environmental impacts have not been adequately addressed. Unless otherwise designated, the Contractor's primary contact regarding matters associated with these commitments will be the Project Engineer. These environmental commitments are not subject to change without prior written approval from the SDDOT Environmental Office. The environmental commitments associated with this project are as follows:

COMMITMENT C: WATER SOURCE

The Contractor shall not withdraw water with equipment previously used outside the State of South Dakota without prior approval from the SDDOT Environmental Office. Thoroughly wash all construction equipment before entering South Dakota to reduce the risk of invasive species introduction into the project vicinity.

COMMITMENT E: STORM WATER

Construction activities constitute less than 1 acre of disturbance.

Action Taken/Required:

At a minimum and regardless of project size, appropriate erosion and sediment control measures must be installed to control the discharge of pollutants from the construction site.

COMMITMENT H: WASTE DISPOSAL SITE

The Contractor shall furnish a site(s) for the disposal of construction and/or demolition debris generated by this project.

Action Taken/Required:

Construction and/or demolition debris may not be disposed of within the State ROW.

The waste disposal site(s) shall be managed and reclaimed in accordance with the following from the General Permit for Highway, Road, and Railway Construction/Demolition Debris Disposal Under the South Dakota Waste Management Program issued by the Department of Environment and Natural Resources.

The waste disposal site(s) shall not be located in a wetland, within 200 feet of surface water, or in an area that adversely affects wildlife, recreation, aesthetic value of an area, or any threatened or endangered species, as approved by the Project Engineer.

If the waste disposal site(s) is located such that it is within view of any ROW, the following additional requirements shall apply:

- Construction and/or demolition debris consisting of concrete, asphalt concrete, or other similar materials shall be buried in a trench completely separate from wood debris. The final cover over the construction and/or demolition debris shall consist of a minimum of 1 foot of soil capable of supporting vegetation. Waste disposal sites provided outside of the State ROW shall be seeded in accordance with Natural Resources Conservation Service recommendations. The seeding recommendations may be obtained through the appropriate County NRCS Office. The Contractor shall control the access to waste disposal sites not within the State ROW through the use of fences, gates, and placement of a sign or signs at the entrance to the site stating "No Dumping Allowed".

- Concrete and asphalt concrete debris may be stockpiled within view of the ROW for a period of time not to exceed the duration of the project. Prior to project completion, the waste shall be removed from view of the ROW or buried and the waste disposal site reclaimed as noted above.

The above requirements will not apply to waste disposal sites that are covered by an individual solid waste permit as specified in SDCL 34A-6-58, SDCL 34A-6-1.13, and ARSD 74:27:10:06.

Failure to comply with the requirements stated above may result in civil penalties in accordance with South Dakota Solid Waste Law, SDCL 34A-6-1.31.

All costs associated with furnishing waste disposal site(s), disposing of waste, maintaining control of access (fence, gates, and signs), and reclamation of the waste disposal site(s) shall be incidental to the various contract items.

COMMITMENT I: HISTORICAL PRESERVATION OFFICE CLEARANCES

The SDDOT has obtained concurrence with the State Historical Preservation Office (SHPO or THPO) for all work included within the project limits and all designated option borrow sites provided within the plans.

Action Taken/Required:

All earth disturbing activities not designated within the plans require review of cultural resources impacts. This work includes, but is not limited to: staging areas, borrow sites, waste disposal sites, and all material processing sites.

The Contractor shall arrange and pay for a cultural resource survey and/or records search. The Contractor has the option to contact the state Archaeological Research Center (ARC) at 605-394-1936 or another qualified archaeologist, to obtain either a records search or a cultural resources survey. A record search might be sufficient for review; however, a cultural resources survey may need to be conducted by a qualified archaeologist.

The Contractor shall provide ARC with the following: a topographical map or aerial view on which the site is clearly outlined, site dimensions, project number, and PCN. If applicable, provide evidence that the site has been previously disturbed by farming, mining, or construction activities with a landowner statement that artifacts have not been found on the site.

The Contractor shall submit the records search or cultural resources survey report and if the location of the site is within the current geographical or historic boundaries of any South Dakota reservation to SDDOT Environmental Engineer, 700 East Broadway Avenue, Pierre, SD 57501-2586 (605-773-3180). SDDOT will submit the information to the appropriate SHPO/THPO. Allow **30 Days** from the date this information is submitted to the Environmental Engineer for SHPO/THPO review.

If evidence for cultural resources is uncovered during project construction activities, then such activities shall cease and the Project Engineer shall be immediately notified. The Project Engineer will contact the SDDOT Environmental Engineer in order to determine an appropriate course of action.

SHPO/THPO review does not relieve the Contractor of the responsibility for obtaining any additional permits and clearances for staging areas, borrow sites, waste disposal sites, or material processing sites that affect wetlands, threatened and endangered species, or waterways. The Contractor shall provide the required permits and clearances to the Project Engineer at the preconstruction meeting.

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	PS 0018(130)62	3	21

Revised 8/19/2014 jpr

RAILROAD

The Contractor shall coordinate work with Railroad regarding any work to be done adjacent to the railroad tracks. The Railroad shall install a 32' wood plank crossing across the traffic diversion. Construction of the traffic diversion will need to be coordinated with Chad Robb, Manager Utility & Surfacing, 605 - 515-3888, see "Special Provision Regarding Working on Railroad Company Right-or-Way".

WORK DESCRIPTION

Work on this project will proceed in accordance with the Sequence of Operations. Work on this project will consist of the following:

1. Construction of traffic diversion
2. Asphalt concrete pavement removal on both sides of the railroad crossing on US 18.
3. Placement of new asphalt concrete to match the new grade of the railroad crossing on US 18.
4. Removal of the traffic diversion.

SEQUENCE OF OPERATIONS

Prior to beginning work on the railroad crossing on US 18, the Contractor shall contact the Railroad. Traffic shall not be placed on the traffic diversion until Railroad is on site to begin crossing rehabilitation.

1. Construction of the traffic diversion and placement of surfacing on traffic diversion by the Contractor.
2. Installation of wood plank crossing by the Railroad.
3. Sign and place traffic on the traffic diversion by the Contractor.
4. Removal of asphalt pavement and shoulder on US 18 by the Contractor.
5. Installation of the new precast concrete panel crossing and rail by Railroad.
6. Placement of new pavement and shoulder on US 18, to commence within one working day upon the completion of the crossing installation by Railroad.
7. Reopen US 18 and remove traffic diversion upon completion of US 18 surfacing.

GRADING OPERATIONS

Water for Embankment is estimated at the rate of 10 gallons of water per cubic yard of Embankment. The estimated quantity of Water for Embankment is 21 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 "Contractor Furnished Borrow".

UTILITIES

The Contractor shall be responsible for locating and protecting any utility that would conflict with any work. Utilities are not planned to be affected on this project. If utilities are identified near the improvement area through the SD One Call Process as required by South Dakota Codified Law 49-7A and Administrative Rule Article 20:25, the contractor shall contact the project engineer to determine modifications that will be necessary to avoid utility impacts.

Any damage done to a utility will be the Contractor's responsibility to repair.

TRAFFIC DIVERSION

The traffic diversion shall be constructed according to Section 4.4.A. of the Standard Specifications. Installation and removal of the traffic diversion shall meet all requirements as set forth in the South Dakota Surface Water Quality Standards.

The traffic diversion shall be constructed in accordance with the geometric layout shown in the plans. Any drainage needs shall be addressed by the Contractor. The Contractor will be responsible for sizing the temporary drainage structure for these crossings.

Costs to provide temporary drainage structures shall be incidental to the contract lump sum price for "Maintenance of Traffic Diversion(s)".

The existing approach pipe may remain in place and fill may be placed over the pipe. The Contractor shall protect the pipe ends and provide protection from fill entering the pipe. If the pipe is damaged by the Contractor the damaged sections shall be replaced at no expense to the State, and to the satisfaction of the Engineer. Cost for protecting the pipe shall be incidental to the contract lump sum price for "Maintenance of Traffic Diversion(s)".

The removed traffic diversion embankment shall be disposed of by the Contractor at a site approved by the Engineer. Cost to remove and dispose of the traffic diversion shall be incidental to the contract lump sum price for "Remove Traffic Diversion(s)".

CONTRACTOR FURNISHED BORROW

The Contractor shall provide a suitable site for Contractor furnished borrow material. The Contractor is responsible for obtaining all required permits and clearances for the borrow site. The borrow material shall be approved by the Engineer. The plans quantity for "Contractor Furnished Borrow" as shown in the Estimate of Quantities will be the basis of payment for this item.

Compaction of fill material shall be to the satisfaction of the Engineer. Restoration of the Contractor furnished borrow site shall be the responsibility of the Contractor.

The Contractor Furnished Borrow quantity shown includes the volume of embankment plus 30% for shrinkage. All costs for placing and shaping the Contractor Furnished Borrow for the traffic diversion shall be incidental to the contract unit price per cubic yard for "Contractor Furnished Borrow".

ASPHALT CONCRETE PAVEMENT REMOVAL

The Contractor shall remove the existing asphalt pavement adjacent to the old railroad tracks as shown in the plans. The asphalt concrete shall be sawed full depth. This material shall be disposed of by the Contractor. All costs for sawing, removal and disposal of the existing asphalt concrete pavement shall be incidental to the contract unit price per square yard for "Remove Asphalt Concrete Pavement". Removal and disposal of the existing concrete pavement shall be plans quantity and will not be adjusted unless directed by the Engineer.

SAWING EXISTING SURFACING

Where new asphalt concrete is placed adjacent to existing asphalt concrete the existing asphalt concrete shall be sawed full depth to a true line with a vertical face. No separate payment shall be made for sawing.

SURFACING THICKNESS DIMENSIONS

Plans tonnage will be applied even though the thickness may vary from that shown in the plans. At those locations where material must be placed to achieve a required elevation, plans tonnages may be varied to achieve the required elevation.

BASE COURSE

Granular material for the traffic diversion shall be furnished by the Contractor.

The Gravel Surfacing (approx. 4" thick) shall meet the requirements of Section 882 of the Standard Specifications.

Water for compaction shall be incidental to the contract unit price per ton for "BASE COURSE". Compaction shall be to the satisfaction of the Engineer.

Upon removal of the traffic diversion the gravel shall become the property of the Contractor.

RESTORATION OF BASE COURSE

An inspection of the base course shall be made after removing asphalt concrete from each replacement area. Areas of excess moisture shall be dried to the satisfaction of the Engineer. Loose and excess material shall be removed. Each replacement area shall be leveled and compacted to the satisfaction of the Engineer.

If additional base course material is required, the Contractor shall furnish, place and compact base course to the satisfaction of the Engineer.

Cost for this work shall be incidental to the various replacement bid items.

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	PS 0018(130)62	7	21

Plotting Date: 08/19/2014
revised 8/19/2014

TYPICAL GRADING SECTION

Traffic Diversions
0+00 to 6+66.94

