



Department of Transportation

Office of Project Development

700 E Broadway Avenue

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

FAX: 605/773-2614

October 2, 2015

ADDENDUM NO. 1

**RE: Item #1, October 7, 2015 Letting - IM 0901(186)0, PCN 04DA, Lawrence County
- Crack Seat, Asphalt Concrete Overlay, & Pipe Repair**

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 added:

Bid Item 320E0006 "PG 64-22 Asphalt Binder" 426.0 Ton

Bid Item 320E0008 "PG 64-34 Asphalt Binder" 1,443.1 Ton

Quantities for Bid Items were changed:

Alternate A

Bid Item 320E0006 "PG 64-22 Asphalt Binder" changed from
1,500.0 to 1,074.0 Ton

Bid Item 320E0008 "PG 64-34 Asphalt Binder" changed from
5,421.6 to 3,978.5 Ton

Alternate B

Bid Item 320E0006 "PG 64-22 Asphalt Binder" changed from
1,378.0 to 952.0 Ton

Bid Item 320E0008 "PG 64-34 Asphalt Binder" changed from
4,959.7 to 3,516.6 Ton

PLANS: Please destroy sheets A1 and F2 and replace with the enclosed sheets, dated 10/2/15.

Sheets A1 & F2: Bid Items were added:

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Sincerely,

Sam Weisgram
Engineering Supervisor

SW/cj

CC: Todd Seaman, Rapid City Region Engineer
Tammy Williams, Belle Fourche Area Engineer

ESTIMATE OF QUANTITIES AND ENVIRONMENTAL COMMITMENTS

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	IM 0901(186)0	A1	A3

Revised: 02 Oct 15, LLR

SPECIFICATIONS

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

Section C – Traffic Control

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
634E0010	Flagging	2,000.0	Hour
634E0110	Traffic Control Signs	1,853	SqFt
634E0120	Traffic Control, Miscellaneous	Lump Sum	LS
634E0135	Traffic Control Supervisor	Lump Sum	LS
634E0285	Type 3 Barricade, 8' Double Sided	4	Each
634E0420	Type C Advance Warning Arrow Board	4	Each
634E0630	Temporary Pavement Marking	77.6	Mile
634E1215	Contractor Furnished Portable Changeable Message Sign	4	Each
634E1255	Contractor Furnished Speed Monitoring Radar Trailer	2	Each

Section D – Erosion Control

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
110E1690	Remove Sediment	9.2	CuYd
110E1700	Remove Silt Fence	1,000	Ft
230E0100	Remove and Replace Topsoil	Lump Sum	LS
730E0210	Type F Permanent Seed Mixture	1,638	Lb
731E0200	Fertilizing	47.25	Ton
732E0100	Mulching	126.0	Ton
734E0154	12" Diameter Erosion Control Wattle	4,000	Ft
734E0602	Low Flow Silt Fence	2,000	Ft
734E0604	High Flow Silt Fence	2,000	Ft
734E0610	Mucking Silt Fence	280	CuYd
734E0620	Repair Silt Fence	1,000	Ft
900E1320	Construction Entrance	1	Each

Section F – Surfacing

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
009E0010	Mobilization	Lump Sum	LS
009E3230	Grade Staking	4,704	Mile
009E3250	Miscellaneous Staking	2,352	Mile
009E3280	Slope Staking	2,352	Mile
009E3300	Three Man Survey Crew	100.0	Hour
009E3320	Checker	Lump Sum	LS
009E4200	Construction Schedule, Category II	Lump Sum	LS
110E0700	Remove 3 Cable Guardrail	117	Ft
110E0740	Remove 3 Cable Guardrail Anchor Assembly	8	Each
110E0745	Remove 3 Cable Guardrail Slip Base Anchor Assembly	8	Each
110E6000	Remove 3 Cable Guardrail for Reset	4,379	Ft
110E6230	Remove W Beam Guardrail for Reset	950.0	Ft
110E6240	Remove W Beam to Thrie Beam Guardrail Transition for Reset	2	Each
110E6260	Remove W Beam Guardrail Breakaway Cable Terminal for Reset	16	Each
110E7510	Remove Pipe End Section for Reset	4	Each
120E0010	Unclassified Excavation	4,323	CuYd
120E0100	Unclassified Excavation, Digouts	478	CuYd
120E0600	Contractor Furnished Borrow Excavation	17,713	CuYd
120E4100	Reprofiling Ditch	2.5	Sta
120E6100	Water for Embankment	229.3	MGal
120E6200	Water for Granular Material	174.4	MGal
210E2000	Shoulder Shaping	1,408	Mile
250E0010	Incidental Work	Lump Sum	LS
260E1010	Base Course	10,728.0	Ton
260E1030	Base Course, Salvaged	3,795.0	Ton
270E0040	Salvage and Stockpile Asphalt Mix and Granular Base Material	3,795.0	Ton
320E0006	PG 64-22 Asphalt Binder	426.0	Ton
320E0008	PG 64-34 Asphalt Binder	1,443.1	Ton
320E1080	Class S Asphalt Concrete	24,950.6	Ton
320E1810	Asphalt Concrete Leveling Lift	7,348.9	Ton
320E3100	Stabilizing Additive for Asphalt Concrete	62.5	Ton
320E7012	Grind 12" Rumble Strip or Stripe in Asphalt Concrete	35.9	Mile
330E0010	MC-70 Asphalt for Prime	1.4	Ton
330E0100	SS-1h or CSS-1h Asphalt for Tack	336.4	Ton
330E0210	SS-1h or CSS-1h Asphalt for Flush Seal	16.9	Ton
332E0010	Cold Milling Asphalt Concrete	1,173	SqYd
380E6500	Planing PCC Pavement	7,724.0	SqYd
393E0100	Cracking and Seating PCC Pavement	265,275.6	SqYd
393E0300	Cored or Sawed Sample	44	Each
450E0182	36" RCP Class 2, Furnish	12	Ft
450E0190	36" RCP, Install	12	Ft
450E8900	Cleanout Pipe Culvert	7	Each
450E9001	Reset Pipe End Section	4	Each
600E0300	Type III Field Laboratory	1	Each
629E0100	3 Cable Guardrail	773	Ft
629E0200	Reset 3 Cable Guardrail	4,379	Ft
629E0300	3 Cable Guardrail Slip Base Anchor Assembly	16	Each
630E2110	Beam Guardrail Post and Block	124	Each
630E2205	Breakaway Cable Terminal End Post	32	Each
630E5160	Reset W Beam Rail	950.0	Ft
630E5180	Reset W Beam Guardrail Breakaway Cable Terminal	16	Each
630E5190	Reset W Beam to Thrie Beam Guardrail Transition	2	Each
632E2220	Guardrail Delineator	117	Each
632E2520	Type 2 Object Marker	16	Each
720E1015	Bank and Channel Protection Gabion	6.0	CuYd
900E1980	Storage Unit	1	Each

* - Denotes Non-Participating

INDEX OF SHEETS

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

Section F – Surfacing (continued)

Alternate A

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
320E0006	PG 64-22 Asphalt Binder	1,074.0	Ton
320E0008	PG 64-34 Asphalt Binder	3,978.5	Ton
320E1004	Class Q4 Hot Mixed Asphalt Concrete	87,956.0	Ton
320E4000	Hydrated Lime	870.7	Ton

Alternate B

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
320E0006	PG 64-22 Asphalt Binder	952.0	Ton
320E0008	PG 64-34 Asphalt Binder	3,516.6	Ton
320E1004	Class Q4 Hot Mixed Asphalt Concrete	90,276.7	Ton
320E4000	Hydrated Lime	892.6	Ton

Section M – Pavement Marking

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
633E0010	Cold Applied Plastic Pavement Marking, 4"	25,243	Ft
633E1200	Waterborne Pavement Marking Paint with High Grade Polymer, White	519	Gal
633E1205	Waterborne Pavement Marking Paint with High Grade Polymer, Yellow	532	Gal
633E5000	Grooving for Cold Applied Plastic Pavement Marking, 4"	25,243	Ft
633E5100	Grooving for Durable Pavement Marking, 4"	193,800	Ft
633E5110	Grooving for Durable Pavement Marking, 12"	1,891	Ft

SECTION F ESTIMATE OF QUANTITIES

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
009E0010	Mobilization	Lump Sum	LS
009E3230	Grade Staking	4,704	Mile
009E3250	Miscellaneous Staking	2,352	Mile
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SECTION F ESTIMATE OF QUANTITIES (Continued)

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SURFACING THICKNESS DIMENSIONS

Plans quantity will be applied though the thickness may vary from that shown on the plans.

At those locations where material must be placed to achieve a required elevation, plans quantity may be varied to achieve the required elevation.

UTILITIES

The Contractor shall contact the involved utility companies through South Dakota One Call (1-800-781-7474) prior to starting work. It shall be the responsibility of the Contractor to coordinate work with the utility owners to avoid damage to existing facilities.

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.

STORAGE UNIT

The Contractor shall provide a storage unit such as a portable storage container or a semi-trailer meeting the minimum size requirements from the table below:

Project Total Asphalt Concrete Tonnage	Minimum Internal Size (Cu Ft)	Minimum External Size (L x W x H)
Less than 50,000 ton	1,166	20' x 8' x 8.6' std
More than 50,000 ton	2,360	40' x 8' x 8.6' std
All Gyrotory Controlled QC/QA Projects	2,360	40' x 8' x 8.6' std

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	IM 0901(186)0	F2	F71

Revised: 02 Oct 15, LLR

STORAGE UNIT (continued)

The storage unit is intended for use only by the Engineer for the duration of the project. The QC lab personnel or the Contractor will not be allowed to use the storage container while it is on the project, without permission of the Engineer.

The storage unit shall be on site and operational prior to asphalt concrete production. Upon completion of asphalt concrete production, the Engineer will notify the Contractor when the storage unit can be removed from the project. The storage unit use will not exceed 30 calendar days from the completion of asphalt concrete production. The storage unit will remain the property of the Contractor.

The storage unit shall be weather proof and shall be set in a level position. The storage unit shall be able to be locked with a padlock.

The storage unit shall be placed adjacent to the QA lab, as approved by the Engineer.

The following shall apply when the storage unit provided on the project is a portable storage container:

1. The portable storage container shall be constructed of steel.
2. The portable storage container shall be set such that it is raised above the surrounding ground level to keep water from ponding under or around the storage container.

The following shall apply when the storage unit provided on the project is a semi-trailer:

1. A set of steps and hand railings shall be provided at the exterior door.
2. If the floor of the semi-trailer is 18 inches or more above the ground, a landing shall be constructed at the exterior door. The minimum dimensions for the landing shall be 4 feet by 5 feet. The top of the landing shall be level with the threshold or opening of the doorway.
3. The semi-trailer may be connected to the QA lab by a stable elevated walkway. The walkway shall be a minimum of 48 inches wide and contain handrails installed at 32 inches above the deck of the walkway. The walkway shall be constructed such that it is stable and the deck does not deform during use and allows for proper door operation. Walkway construction shall be approved by the Engineer.

All cost for furnishing, maintaining, and removing the storage unit including labor, equipment, and materials including any necessary walkways, landings, stairways, and handrails shall be included in the contract unit price per each for "Storage Unit".