September 11, 2019

ADDENDUM NO. 1

RE: Item #4, September 18, 2019 Letting - P 0034(169)269, P 0047(107)88, P 0249(02)73, PCN 04EC, 04ED, 04EE, Buffalo, Lyman County - Cold Milling Asphalt Concrete & Asphalt Concrete Resurfacing

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: Please remove the Index of Special Provisions and replace with attached Index of Special Provisions revised 9/10/19. “List of Utilities” was added.

Please add the “List of Utilities” after the “Special Provision for Flexible Pavement Smoothness”, dated 10/1/18.

SDEBS BID PROPOSAL: NO CHANGE

PLANS: Please destroy sheet 23 and replace with the enclosed sheet, dated 9/10/19.

Sheet 23: BLEND, HAUL & STOCKPILE GRANULAR MATERIAL note was revised to change the stockpile site location.

Sincerely,

Sam Weisgram
Engineering Supervisor

SW/cj

CC: Mark Peterson, Aberdeen Region Engineer
    Brad Letcher, Huron Area Engineer
INDEX OF SPECIAL PROVISIONS

PROJECT NUMBER(S):  P 0034(169)269, P 0047(107)88, P 0249(02)73
PCN:  04EC, 04ED, 04EE

TYPE OF WORK:  COLD MILLING ASPHALT CONCRETE & ASPHALT CONCRETE RESURFACING (22K TON)

COUNTIES:  BUFFALO, LYMAN

The following clauses have been prepared subsequent to the Standard Specifications for Roads and Bridges and refer only to the above described improvement, for which the following Proposal is made.

The Contractor’s attention is directed to the need for securing from the Department of Environment & Natural Resources, Foss Building, Pierre, South Dakota, permission to remove water from public sources (lakes, rivers, streams, etc.). The Contractor should make his request as early as possible after receiving his contract, and insofar as possible at least 30 days prior to the date that the water is to be used.

Mark Anderson is the official in charge of the Pierre Career Center for Buffalo, Lyman Counties.

THE FOLLOWING ITEMS ARE INCLUDED IN THIS PROPOSAL FORM:


Special Provision for Indian Employment and Contracting on the Crow Creek Reservation, dated 3/29/19.

Special Provision for Indian Employment and Contracting on the Lower Brule Reservation, dated 8/21/19.

Special Provision for Flexible Pavement Smoothness, dated 10/1/18.

List of Utilities.

Special Provision for Contractor Administered Preconstruction Meeting, dated 3/15/16.
Fuel Adjustment Affidavit, DOT form 208 dated 7/15.
Standard Title VI Assurance, dated 3/1/16.
Special Provision For Disadvantaged Business Enterprise, dated 8/14/18.
Required Contract Provisions Federal-aid Construction Contracts, Form FHWA 1273 (Rev. 5/1/12).
Special Provision for Cargo Preference Act, dated 1/20/16.
Special Provision for Price Schedule for Miscellaneous Items, dated 6/6/18.
THE FOLLOWING UTILITY COMPANIES ARE INVOLVED ON

PROJECT P 0034(169)269, Buffalo County, PCN 04EC & P 0047(107)88, Buffalo, Lyman County, PCN 04ED & P 0249(02)73, Buffalo County, PCN 04EE

The contractor shall contact the following utilities in a sufficient amount of time prior to starting work. The companies will identify their facilities and it is the responsibility of the contractor and the company to coordinate their work to avoid damage to existing facilities and to allow for relocation of facilities as may be required for grading work:

The following utilities were determined to be involved and were formally notified on May 18, 2017, that if their facility is located within the existing public right-of-way, any adjustment of their facility would have to be accomplished at no cost to the State, within 90 days from receipt of the notice, unless other arrangements are made with the Area Engineer.

1. Central Electric Coop.
   PO BOX 850
   Mitchell, SD 57301-0850
   CONTACT: BRIAN BULTJE, TELE. #605-996-7516
   The Company after review of the plans declares no involvement but would like to be contacted by the contractor at the time of construction to ensure overhead clearances are not a problem.

2. Western Area Power Administration
   200 4th St SW
   Huron, SD 57350-2474
   CONTACT: CODY KINSLEY, TELE. #605-353-2555
   The Company after review of the plans declares no involvement.

   PO BOX 411
   Wall, SD 57790
   CONTACT: MICKIE ABELL, TELE. #605-279-2161
   The Company after review of the plans declares no involvement.

4. Midstate Communications
   PO BOX 48
   Kimball, SD 57355-0048
   CONTACT: JAMIE BOSWORTH, TELE. #605-778-6221
   The Company has underground telecommunication cables located within the existing public Right-of-Way at STA: 42+72 & 77+49 and after review of the plans the Company doesn’t believe there to be any issue with depth at these locations. As the Company’s facilities are in existing public Right-of-Way, any relocation/adjustment necessary to accommodate the highway construction will be accomplished at no cost to the State and performed in coordination with the highway construction.

5. West Central Electric Coop.
   PO BOX 17
   Murdo, SD 57559
   CONTACT: KIT TALICH, TELE. #605-669-8100
   The Company has one Overhead (OH) 69KV Electric Transmission line. The crossing is 200 feet or more from the guard rail as shown on plans and declares no involvement in this project.
6. U.S. Army Corps of Engineers
   33573 N. Shore Rd.
   Chamberlain SD 57325
   CONTACT: MICHAEL WERDEL, TELE. #605-245-1815
   Or TREVOR MCDONALD, TELE. 605-245-1814

The USACE has (UG) Power lines running the west side of the guardrail in a vault as well as two crossings that are not indicated on the plans. The USACE will conduct its own locates for its facilities on the construction site and the contractor will be responsible for maintaining the utility markings and weekly touch up as needed. The USACE requests notification by the contractor and wish to be onsite when any work is being performed that either crosses their utilities or comes with in one foot of any parallel utilities. This is very important as the vault is at a depth of 32-46” and is running directly beside the current guardrail in some areas and up to 5’ off the guardrail in others. Contractor will need to use extreme caution in these areas as the vault carries a Hi Voltage cable which is 13,800 Volt among others. Because of this they will require to be onsite with the contractor during any digs or movement of earth at this location.

The requirements relating to Cooperation Between Contractors, as set forth in Section 5.7 of the Standards Specifications for Roads and Bridges, 2015 edition, shall prevail throughout the limits of this project.
COLD MILLING ASPHALT CONCRETE

The Los Angeles Abrasion Loss value on the aggregate used for the in place asphalt concrete on SD47 and SD249 is 22. The Los Angeles Abrasion Loss value on the aggregate used for the in place asphalt concrete on SD34 is unknown. These values were obtained from testing during construction of the in place asphalt concrete.

Cold milling asphalt on SD 34 is estimated to produce 6,391 tons of cold milled asphalt concrete material. An estimated 2,184 tons of cold milled asphalt concrete material will be used on SD 34 as RAP in the Class Q2R Hot Mixed Asphalt Concrete mixture. Cold milling asphalt on SD 47 is estimated to produce 3,096 tons of cold milled asphalt concrete material. An estimated 1,006 tons of cold milled asphalt concrete material will be used on SD 47 as RAP in the Class Q2R Hot Mixed Asphalt Concrete mixture. Cold milling asphalt on SD 249 is estimated to produce 923 tons of cold milled asphalt concrete material. An estimated 362 tons of cold milled asphalt concrete material will be used on SD 249 as RAP in the Class Q2R Hot Mixed Asphalt Concrete mixture. The Contractor is responsible to assure enough asphalt concrete salvage is available for the Class Q2R Hot Mixed Asphalt Concrete.

The remainder of the salvaged asphalt concrete material shall be blended and stockpiled.

Cold milling at Str. No. 09-060-089, as detailed elsewhere in these plans, millings shall be placed and compacted at the two ends of the sidewalk to form a temporary ramp that meets ADA slope requirements. The temporary ramps will remain in place until the placement of the Class Q2R Hot Mixed Asphalt Concrete. All costs for placing, compacting, and removing the temporary ADA ramps shall be included in the contract unit price per square yard for COLD MILLING ASPHALT CONCRETE.

In areas where maintenance patches have raised and/or widened the road, additional asphalt concrete shall be cold milled prior to mainline cold milling operations to provide a uniform typical section from centerline to the edge of the finished shoulder. Any additional costs associated with this additional cold milling shall be incidental to the contract unit price per square yard for COLD MILLING ASPHALT CONCRETE.

TABLE OF MAINTENANCE PATCHES

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<th>Cold Mill (scyd)</th>
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BLEND, HAUL & STOCKPILE GRANULAR MATERIAL

Excess salvaged asphalt concrete material from SD 34 estimated at 4,207 tons (for informational purposes only) shall be blended with 4,207 tons of Granular Material. Furnish, and shall be hauled, blended and stockpiled at Miller DOT Maintenance Yard (Sec 3 T112N R68W).

Excess salvaged asphalt concrete material from SD 47 estimated at 2,090 tons (for informational purposes only) shall be blended with 2,090 tons of Granular Material. Furnish, and shall be hauled, blended and stockpiled at Miller DOT Maintenance Yard (Sec 3 T112N R68W).

Excess salvaged asphalt concrete material from SD 249 estimated at 561 tons (for informational purposes only) shall be blended with 561 tons of Granular Material. Furnish, and shall be hauled, blended and stockpiled at Miller DOT Maintenance Yard (Sec 3 T112N R68W).

A computerized scale, portable platform scale, stationary commercial scale, stationary commercial plant, portable plant scale, or a belt scale along with a scale operator shall be provided by the Contractor at the stockpile site to weigh the salvaged material prior to blending.

Salvaged asphalt concrete material shall be blended with Granular Material, Furnish at a rate of 50% salvaged asphalt mix material and 50% Granular Material, Furnish to obtain stockpile material.

Prior to incorporation into the stockpile, cold milled asphalt material shall be run over a 1 ½ screen to remove large chunks. No further testing of the material will be required.

All other costs for hauling, stockpiling, and blending salvaged asphalt concrete material and Granular Material, Furnish shall be incidental to the contract unit price per ton for BLEND, HAUL & STOCKPILE GRANULAR MATERIAL.

GRANULAR MATERIAL, FURNISH

Granular Material shall be furnished by the Contractor for use in blending with the salvaged asphalt mix material from this project prior to stockpiling.

The Granular Material shall be Base Course meeting the requirements of Section 882.

EXCAVATION OF UNSTABLE MATERIAL

Included in the Estimate of Quantities are 50 Cubic Yards of Unclassified Excavation, Digsouts per mile for the necessary removal of unstable material.

Backfill shall be Base Course paid for at the contract unit price per ton.

The digout shall be extended to the shoulder and the granular material backfill shall daylight to the subgrade to allow water to escape the subgrade.

A copy of the surfacing/substrate investigation for this project is available from the Horun Area and the Aberdeen Region offices.

REMOVE AND REPLACE TOPSOIL

Prior to beginning guardrail embankment installation, a 4” depth of topsoil shall be removed or bladed down the respective inslope and left in a window.

Following completion of construction, topsoil shall be spread evenly over the disturbed areas.

All costs associated with removing and replacing the topsoil shall be incidental to the contract lump sum price for REMOVE AND REPLACE TOPSOIL.

CONTRACTOR FURNISHED BORROW EXCAVATION

The Contractor shall provide a suitable site for Contractor furnished borrow excavation 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 EXCAVATION as shown in the Estimate of Quantities will be the basis of payment for this item.

Restoration of the Contractor furnished borrow excavation site shall be the responsibility of the Contractor.

GUARDRAIL EMBANKMENT

Excavation quantities are computed using the volume of embankment plus 30% for shrink.

Compaction of guardrail embankments shall be to the satisfaction of the Engineer.

It is not expected that water for compaction will be required, however; if in the opinion of the Engineer the fill material is extremely dry, water may be ordered and placed to the satisfaction of the Engineer. The cost of water shall be incidental to the contract unit price per cubic yard for CONTRACTOR FURNISHED BORROW EXCAVATION.