



Department of Transportation

Mitchell Region Office

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Mitchell, SD 57301-7206 605/995-8129
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June 7, 2018

TO: Interested Bidders

ADDENDUM 1

RE: 090W-253 & 090W-252, Brule, Aurora & McCook Counties – PCN I54M & I54L
CRC & NRC Pavement Repair on I90 in the Mitchell Area

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

PROPOSAL

Discard the DOT-123 CONTRACT PROPOSAL and replace it with the enclosed DOT-123 REVISED CONTRACT PROPOSAL.

PLANS

Discard Sheet 2 of 20 and replace it with the enclosed Revised Sheet 2 of 20.

A quantity of 2,000 ft of Temporary Flexible Vertical Markers (Tabs) has been added to the Estimate of Quantities for PCN I54M.

A quantity of 960 ft of Temporary Flexible Vertical Markers (Tabs) has been added to the Estimate of Quantities for PCN I54L.

Discard Sheet 10 of 20 and replace it with the enclosed Revised Sheet 10 of 20.

A note for TEMPORARY PAVEMENT MARKING has been inserted as the first note on the sheet.

Proposal and Plans (and Addenda, when applicable) can be accessed at the following link:

<http://sddot.com/business/contractors/bid/region/Default.aspx>. Prior to submitting a bid, it is the bidder's responsibility to examine the project in accordance with Section 2.5 of the specifications. It is also the bidder's responsibility to acknowledge and account for any addenda issued prior to bid opening.

Very truly yours,

DEPARTMENT OF TRANSPORTATION

Craig Smith, Region Engineer

Monte D. Rice, Region Design Engineer

cc: Humphrey – Construction and Maintenance
Hansen – Civil Rights
Peppel/Weisz/Gates – Mitchell Area
Gustafson – Operations
Long – Materials
Leiferman – Project Development
Kaus – Data Inventory

SOUTH DAKOTA DEPARTMENT OF TRANSPORTATION
REVISED CONTRACT PROPOSAL

DOT-123
 August 2017
 1 of 1
 Rev. 6/7/18

CODE	PROJECT			MAINT UNIT	CONTROL REFERENCE	AFE	FUNCTION	BEGIN MRM	END MRM
	PRE	ROUTE	AGR						
		090 W		253		I54M	2129	264.3	310.5
		090 W		252		I54L	2129	361.0	362.0

CITY AND/OR COUNTY: Brule, Aurora & McCook Counties

BUDGET SOURCE: Contract Maintenance

REGION MATERIALS CERTIFICATION REQUIRED: ☒ YES ☐ NO

WIP #: _____

CERTIFIED INSPECTORS/TESTERS REQUIRED: ☒ YES ☐ NO

TO BE INSTALLED ON CM&P: ☒ YES ☐ NO

TYPE, PURPOSE AND LOCATION OF WORK: CRC & NRC Pavement Repair on I90 in the Mitchell Area.

ESTIMATE OF QUANTITIES AND COST

BID ITEM NUMBER	ITEM	QUANTITY	UNIT	UNIT PRICE	AMOUNT
009E0010	Mobilization	Lump Sum	LS	Lump Sum	
380E5030	Nonreinforced PCC Pavement Repair	518.7	SqYd		
380E5100	Continuously Reinforced PCC Pavement Repair	14	SqYd		
380E6000	Dowel Bar	111	Each		
380E6110	Insert Steel Bar in PCC Pavement	265	Each		
634E0010	Flagging	20	Hour	\$28.99	
634E0110	Traffic Control Signs	308.3	SqFt		
634E0120	Traffic Control Miscellaneous	Lump Sum	LS	Lump Sum	
634E0275	Type 3 Barricade	7	Each		
634E0310	Temporary Flexible Vertical Markers (Tabs)	2960	Ft		
634E0420	Type C Advance Warning Arrow Board	1	Each		
				TOTAL	

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.

SUBSTANTIAL COMPLETION DATE N/A

FIELD WORK COMPLETION DATE October 26, 2018

SUBSCRIBED AND SWORN TO BEFORE ME THE

 DAY OF _____, 20__

NOTARY _____

My Commission Expires: _____

DATE _____ **(SEAL)**

PROPOSED START DATE _____

SIGNATURE _____

PRINTED NAME _____

COMPANY _____

STR. ADDRESS _____

CITY, STATE, ZIP _____

FEDERAL TAX ID NUMBER _____

TO BE FILLED OUT BY STATE PERSONNEL:

RECOMMENDED FOR APPROVAL:

CONSTRUCTION & MAINTENANCE ENGINEER **DATE** _____

AREA / REGION / OPS ENGINEER **DATE** _____

DIRECTOR OF OPERATIONS **DATE** _____

INTERNAL SERVICES / AUDITS **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 & ENVIRONMENTAL COMMITMENTS

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	090WF-288 & 038-288	2	20

Rev. 6/7/18 MR

ESTIMATE OF QUANTITIES – 090W-253 – PCN I54M

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
009E0010	Mobilization	Lump Sum	LS
380E5030	Nonreinforced PCC Pavement Repair	518.7	SqYd
380E6000	Dowel Bar	111	Each
380E6110	Insert Steel Bar in PCC Pavement	239	Each
634E0010	Flagging	10.0	Hour
634E0110	Traffic Control Signs	66.3	SqFt
634E0120	Traffic Control, Miscellaneous	Lump Sum	LS
634E0275	Type 3 Barricade	6	Each
634E0310	Temporary Flexible Vertical Markers (Tabs)	2,000	Ft

ESTIMATE OF QUANTITIES – 090W-252 – PCN I54L

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
009E0010	Mobilization	Lump Sum	LS
380E5100	Continuously Reinforced PCC Pavement Repair	14.0	SqYd
380E6110	Insert Steel Bar in PCC Pavement	26	Each
634E0010	Flagging	10.0	Hour
634E0110	Traffic Control Signs	242.0	SqFt
634E0120	Traffic Control, Miscellaneous	Lump Sum	LS
634E0275	Type 3 Barricade	1	Each
634E0310	Temporary Flexible Vertical Markers (Tabs)	960	Ft
634E0420	Type C Advance Warning Arrow Board	1	Each

ENVIRONMENTAL COMMITMENTS

The SDDOT is committed to protecting the environment and uses Section A Environmental Commitments as a communication tool for the Engineer and Contractor to ensure that attention is given to avoid, minimize, and/or mitigate an environmental impact. Environmental commitments to various agencies and the public have been made to secure approval of this project. An agency with permitting authority can delay a project if identified 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.

Additional guidance on SDDOT's Environmental Commitments can be accessed through the Environmental Procedures Manual found at: <http://www.sddot.com/resources/Manuals/EnvironProcManual.pdf>

For questions regarding change orders in the field that may have an effect on an Environmental Commitment, the Project Engineer will contact the Environmental Office at 605-773-3098 or 605-773-4336 to determine whether an environmental analysis and/or resource agency coordination is necessary.

COMMITMENT B: FEDERALLY THREATENED, ENDANGERED, AND PROTECTED SPECIES

COMMITMENT B2: WHOOPING CRANE

The Whooping Crane is a spring and fall migratory bird in South Dakota that is about 5 feet tall and typically stops on wetlands, rivers, and agricultural lands along their migration route. An adult Whooping Crane is white with a red crown and a long, dark, pointed bill. Immature Whooping Cranes are cinnamon brown. While in flight, their long necks are kept straight and their long dark legs trail behind. Adult Whooping Cranes' black wing tips are visible during flight.

Action Taken/Required:

Harassment or other measures to cause the Whooping Crane to leave the site is a violation of the Endangered Species Act. If a Whooping Crane is sighted roosting in the vicinity of the project, borrow pits, or staging areas associated with the project, cease construction activities in the affected area until the Whooping Crane departs and immediately contact the Project Engineer. The Project Engineer will contact the Environmental Office so that the sighting can be reported to USFWS.

COMMITMENT C: WATER SOURCE

The Contractor will not withdraw water with equipment previously used outside the State of South Dakota or previously used in aquatic invasive species waters within South Dakota without prior approval from the SDDOT Environmental Office. Thoroughly wash all construction equipment to prevent and control the introduction and spread of invasive species into the project vicinity.

The Contractor will not withdraw water directly from streams of the James, Big Sioux, and Vermillion watersheds without prior approval from the SDDOT Environmental Office.

Action Taken/Required:

The Contractor will obtain the necessary permits from the regulatory agencies such as the South Dakota Department of Environment and Natural Resources (DENR) and the United States Army Corps of Engineers (USACE) prior to water extraction activities.

Additional information and mapping of Aquatic Invasive Species in South Dakota can be accessed at: <http://sdleastwanted.com/maps/default.aspx>.

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 will 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 Public ROW.

The waste disposal site(s) will be managed and reclaimed in accordance with the following from the General Permit for 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) will 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 Environmental Office and the Project Engineer.

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

1. Construction and/or demolition debris consisting of concrete, asphalt concrete, or other similar materials will be buried in a trench completely separate from wood debris. The final cover over the construction and/or demolition debris will consist of a minimum of 1 foot of soil capable of supporting vegetation. Waste disposal sites provided outside of the Public ROW will be seeded in accordance with Natural Resources Conservation Service recommendations. The seeding recommendations may be obtained through the appropriate County NRCS Office. The Contractor will control the access to waste disposal sites not within the Public ROW with fences, gates, and placement of a sign or signs at the entrance to the site stating No Dumping Allowed.
2. 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.

Cost 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) will be incidental to the various contract items.

TEMPORARY PAVEMENT MARKING

Temporary pavement marking shall consist of temporary flexible vertical markers (tabs).

Cost shall be included in the contract unit price per foot for Temporary Flexible Vertical Markers (Tabs).

SEQUENCE OF OPERATION

Due to the Sturgis Motorcycle Rally, no lane closures will be allowed (except for emergency repair) in:

- The Westbound lanes of I90 from Friday, August 3 through Friday, August 10, 2018
- The Eastbound lanes of I90 from Wednesday, August 8 through Sunday, August 12, 2018.
- The Chamberlain Rest Area from Friday, August 3 through Sunday, August 12, 2018.

SHEETING FOR TRAFFIC CONTROL SIGNS

All fluorescent orange background material on traffic control signs, all temporary delineators, and all temporary STOP (R1-1), YIELD (R2-1), DO NOT ENTER (R5-1) and WRONG WAY (R5-1a) signs shall conform to the requirements of ASTM D4956 Type IX or XI. All other traffic control signs and background colors shall conform to the requirements of ASTM D4956 Type IV.

GENERAL MAINTENANCE OF TRAFFIC

Sufficient traffic control devices have been included in these plans to sign one workspace on a two-lane highway and one workspace on a four-lane highway. If the Contractor elects to work on additional sites simultaneously, the cost for additional traffic control devices shall be incidental to the contract unit price per square foot for Traffic Control Signs.

MAINTENANCE OF TRAFFIC – PCC PAVEMENT REPAIR

A Type 3 Barricade shall be installed at the end of a lane closure taper as detailed in these plans. Additional Type 3 Barricades shall be installed facing traffic within the closed lane at a spacing of 1/4 mile. At intersecting roadways, two additional Type 3 Barricades shall be used to block the entire closed lane and shoulder.

Each mainline concrete repair location from which the in place concrete has been removed shall be marked with a minimum of two reflectorized drums. In areas containing numerous concrete repair locations, two reflectorized drums should be installed at a spacing of 660’ alternating with the Type 3 Barricades.

Construction workspaces on divided roadways shall be limited to 5 miles in length. The distance between the closest points of any two construction workspaces, including channeling devices, shall not be less than 3 miles

When work is in progress within an intersection, Flaggers will be required to direct traffic.

Holes adjacent to centerline in the lane open to traffic created during removal and replacement of PCC Pavement Repair areas shall be filled with gravel cushion material and cold-mix asphalt concrete prior to opening the lane to traffic. Gravel cushion material and cold-mix asphalt concrete shall be furnished by the Contractor.

Holes in the gravel and asphalt concrete shoulders created during removal and replacement of PCC Pavement Repair areas shall be filled with gravel cushion material and hot-mix asphalt concrete (to match the shoulder surfacing) prior to opening the lane to traffic. Gravel cushion material and hot-mix asphalt concrete shall be furnished and installed by the Contractor at no additional cost to the State.

Cost for furnishing, hauling and placing gravel cushion material and asphalt concrete shall be incidental to the contract unit price per square yard for Nonreinforced PCC Pavement Repair or Continuously Reinforced PCC Pavement Repair.

Routing traffic onto the mainline shoulders during any phase of the construction will not be allowed.

Damage to the shoulders, median or ditch due to the Contractor's operations shall be repaired by the Contractor, to the satisfaction of the Engineer, at no expense to the State. This includes the apparent routing of traffic onto these shoulders around the work zones.

Work activities shall not be conducted simultaneously on the median and outside shoulders of the same directional set of lanes.

The use of interstate maintenance crossovers will not be permitted.

Traffic will be permitted on the ramp shoulders when necessary to allow traffic around a workspace.