

Department of Transportation

Mitchell Region Office

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Mitchell, SD 57301-7206 605/995-8129
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April 16, 2019

TO: Interested Bidders

ADDENDUM 2

RE: 000I-271, Minnehaha County – PCN I5FK
Site Restoration along I229 Exit 6 SB On Ramp

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

For Bidders who have already submitted a bid, you will not be required to submit all new forms. The Department will hold your bid documents unopened until April 23, 2019. However, you will be required to fill out and submit the revised DOT-123 form, dated 4/16/19. If you do not submit a revised DOT-123 form, your bid will be considered invalid.

PROPOSAL

Pen and Ink Change: On the NOTICE TO CONTRACTORS please change the letting date from April 16 to April 23.

Discard the existing DOT-123 form and replace it with the enclosed revised DOT-123 form, dated 4/16/19.

The revised DOT-123 form includes the following three additional bid items that were inadvertently missed on the original form:

BID ITEM NUMBER	ITEM	QUANTITY-UNIT
110E0100	Clearing	Lump Sum
110E1140	Remove Concrete Sidewalk	62 SqYd
250E0020	Incidental Work, Grading	Lump Sum

The Pen and Ink Change from Addendum 1 was also incorporated on the revised DOT-123 form; namely, the completion date for the project is August 30, 2019.

PLANS

Discard Sheets 4 & 5 and replace them with the enclosed revised Sheets 4 & 5, dated 4/16/19.

Sheet 4: The COORDINATION BETWEEN CONTRACTOR AND CITY OF SIOUX FALLS note has been deleted as the building has already been removed from the site.

Sheet 5: Added a note for UNCLASSIFIED EXCAVATION to clarify use of material achieved from excavation.

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.

The contract proposal form and plans on the website have been updated to reflect the above changes.

Please accept my apology for any inconvenience this may have caused.

Very truly yours,

DEPARTMENT OF TRANSPORTATION
Craig Smith, Region Engineer

Monte D. Rice, Region Design Engineer

cc: Ondricek – Construction and Maintenance
Hansen – Civil Rights
Dressen/Heiberger/Aalberg/Vandam – Sioux Falls Area
Gustafson – Operations
Long – Materials
Ausen – City of Sioux Falls

SOUTH DAKOTA DEPARTMENT OF TRANSPORTATION
CONTRACT PROPOSAL

DOT-123
July 2018
1 of 2

CODE	PROJECT			MAINT UNIT	CONTROL REFERENCE	AFE	FUNCTION	BEGIN MRM	END MRM
	PRE	ROUTE	AGR						
		000I		271		I5FK			

Rev 4/16/19 MR

CITY AND/OR COUNTY: Sioux Falls / Minnehaha

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: Site Restoration along I229 Exit 6 SB On Ramp

ESTIMATE OF QUANTITIES AND COST FOR 000I-271

BID ITEM NUMBER	ITEM	QUANTITY	UNIT	UNIT PRICE	AMOUNT
009E0010	Mobilization	Lump Sum	LS	Lump Sum	
100E0100	Clearing	Lump Sum	LS	Lump Sum	
110E0300	Remove Concrete Curb and/or Gutter	133	Ft		
110E0605	Remove Chain Link Fence	335	Ft		
110E1010	Remove Asphalt Concrete Pavement	2263	SqYd		
110E1100	Remove Concrete Pavement	66	SqYd		
110E1140	Remove Concrete Sidewalk	62	SqYd		
120E0010	Unclassified Excavation	600	CuYd		
120E6300	Water for Vegetation	11	MGal		
230E0010	Placing Topsoil	135	CuYd		
230E0020	Contractor Furnished Topsoil	35	CuYd		
250E0020	Incidental Work, Grading	Lump Sum	LS	Lump Sum	
380E6110	Insert Steel Bar in PCC Pavement	12	Each		
621E0160	6' Chain Link Fence with Tension Wired Top	366	Ft		
634E0010	Flagging	20	Hour	\$28.99	
634E0110	Traffic Control Signs	93.2	SqFt		
634E0120	Traffic Control Miscellaneous	Lump Sum	LS	Lump Sum	
634E0275	Type 3 Barricade	1	Each		
634E0420	Type C Advance Warning Arrow Board	1	Each		
650E0080	Type B68 Concrete Curb and Gutter	133	Ft		
651E0040	4" Concrete Sidewalk	1770	SqFt		
651E7000	Type 1 Detectable Warnings	10	SqFt		
730E0206	Type D Permanent Seed Mixture	140	Lb		
732E0250	Fiber Mulching	1338	Lb		
734E0154	12" Diameter Erosion Control Wattle	200	Ft		
734E0165	Remove and Reset Erosion Control Wattle	200	Ft		
TOTAL					

CONTRACTOR'S PROPOSAL STATEMENT

The undersigned agrees to offer the labor and material in the quantities, at the unit price, for the purpose, in the place, and in accordance with attached provisions. The Contractor will provide services in compliance with the Americans with Disabilities Act of 1990 and any amendments.

SUBSTANTIAL COMPLETION DATE N/A

FIELD WORK COMPLETION DATE August 30, 2019

SUBSCRIBED AND SWORN TO BEFORE ME THE

DAY OF _____, 20__

PROPOSED START DATE _____

SIGNATURE _____

PRINTED NAME _____

COMPANY _____

STR. ADDRESS _____

CITY, STATE, ZIP _____

NOTARY _____

My Commission Expires:

DATE _____ (SEAL)

FEDERAL TAX ID NUMBER _____

SOUTH DAKOTA DEPARTMENT OF TRANSPORTATION

CONTRACT PROPOSAL

DOT-123

July 2018

2 of 2

Rev 4/16/19 MR

CODE	PROJECT			MAINT UNIT	CONTROL REFERENCE	AFE	FUNCTION	BEGIN MRM	END MRM
	PRE	ROUTE	AGR						
		000I		271		I5FK			

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**ACCEPTED BY SOUTH DAKOTA DEPARTMENT OF TRANSPORTATION**

NAME _____

TITLE _____

DATE _____

IF FEDERAL FUNDS WILL BE EXPENDED UNDER THIS AGREEMENT, ACCEPTANCE BY PROJECT DEVELOPMENT IS REQUIRED_____
PROJECT DEVELOPMENT ENGINEER_____
DATE

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.

The plan is to remove existing overhead power to this site and Contractor will need to coordinate their work to conincide with this.

SCOPE OF WORK

Site is formerly known as Stop Light Lounge in Sioux Falls, SD and is located in the SW Corner of East 10th Street and I229. The following work needs to be accomplished at this site:

- Remove chain link fence
- Remove old sign & sign footing.
- Remove old parking lot
- Remove existing Curb and Gutter
- Remove existing approach pavement
- Perform grading – Slopes are generally 20:1 from the back of curb running along Ramp C (I229 SB On Ramp)
- Install new Curb and Gutter
- Install new 4” concrete sidewalk
- Install new chainlink fence
- Install four inches of contractor furnished\salvaged topsoil
- Seed, mulch and water all disturbed areas

REMOVE FENCE

The Contractor shall remove the existing right-of-way fence that is to be replaced as designated in the plans and/or as ordered by the Engineer.

REMOVE ASPAHLT CONCRETE PAVEMENT

Plans quantity will be basis of payment.

INCIDENTAL GRADING

Removal of any items adjacent to old structure that have not been removed, such as misc. fence, picnic tables and concrete patio. Plans quantity will be basis of payment.

CLEARING

Remove the following: Old Sign and Sign Footing

STOP LIGHT LOUNGE SIGN

Prior to disposing of existing sign, the contractor needs to work with project engineer to ensure there is nothing that needs to be salvaged.

FENCE ALIGNMENT

Where fence is being removed and replaced, fence will be installed in location determined by Engineer. The location will generally be 5 feet east of sidewalk along South Conklin Ave and 7 feet south of sidewalk along East 10th Street.

CONCRETE CURB AND GUTTER, SIDEWALK AND APPROACH PAVEMENT

All areas to be replaced will be designated by the Engineer.

Existing concrete curb and gutter and approach pavement will be removed and replaced as detailed in these plans or as directed by the Engineer. If the end of any section to be removed does not fall on an existing joint, a sawed joint (3" to 4" deep) must be made to provide a vertical face with the new joint.

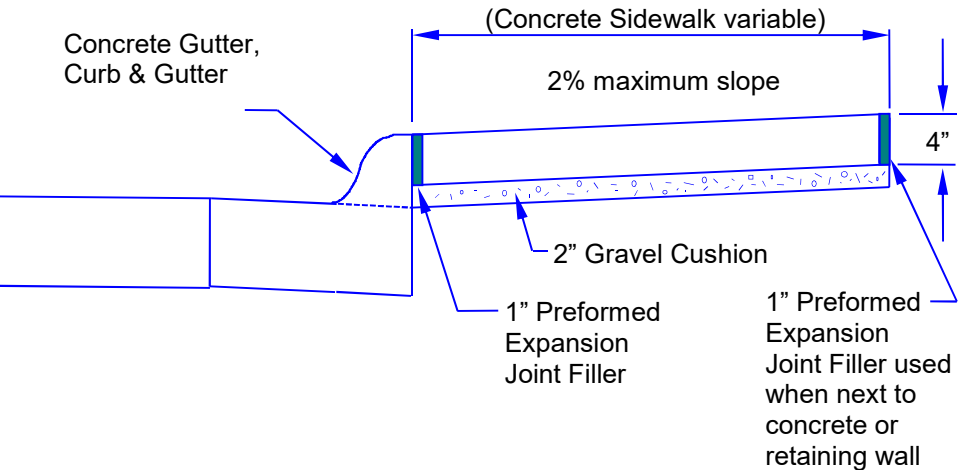
Existing foundation material will be shaped and compacted to a firm, uniform bearing surface, conforming to the existing section or established grades as set by the Engineer. Unsuitable foundation material will be removed and replaced as directed.

Cost for labor, equipment, material and incidentals required for excavation and providing cushion material will be incidental to the contract unit prices for the various items.

Curb and Gutter will be tied to existing PCC pavement with drilled in No. 5 x 24” epoxy coated deformed tie bars spaced 30” center to center or by salvaged in place tie bars. Also, two No. 5 x 24” epoxy coated deformed tie bar will be drilled into the existing curb and gutter at each end of the replacement area. Refer to the notes for STEEL BAR INSERTION.

Cost for this work will be included in the contract unit price per each for Insert Steel Bar in PCC Pavement.

The Contractor will satisfactorily restore all disturbed areas adjacent to the new concrete placement to the satisfaction of the Engineer. Cost for this restoration work will be incidental to the contract unit prices for the various items.



STEEL BAR INSERTION

Steel bars will conform to Section 1010.

Locations and quantities of concrete curb and gutter are subject to change in the field at the discretion of the Engineer. The Contractor will be responsible for ordering the actual quantity of steel bars necessary to complete the work.

Two longitudinal deformed tie bars will be equally spaced and inserted 15 inches into the in place curb and gutter at the transverse joint. An epoxy resin adhesive must be used to anchor the steel bar in the drilled hole.

Holes drilled into the existing concrete pavement will be located at mid-depth of the slab and true and normal except that in transverse joints, the drilled in longitudinal steel bar angle will be slightly under 90° to allow for centering of the lap splice between existing longitudinal steel.

A rigid frame or mechanical device will be required to guide the drill to ensure proper horizontal and vertical alignment of the steel bars in the drilled holes.

Cost for drilling holes, furnishing and applying epoxy resin adhesive, furnishing and inserting No. 5 x 24” epoxy coated deformed tie bars into the drilled holes and inserting all other reinforcing steel bars into the drilled holes, and any incidentals necessary to complete the work will be included in the contract unit price per each for Insert Steel Bar in PCC Pavement.

SEQUENCE OF OPERATION

Due to the large amount of traffic during rush hours, no work\lane closures will be allowed on:

- East 10th Street between the following hours: 6:30 AM to 9:00 AM and from 3:30 PM to 6:00 PM

Work activities will be conducted during daylight hours. Any work beyond these hours will be approved by the Engineer.

GENERAL MAINTENANCE OF TRAFFIC

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

MAINTENANCE OF TRAFFIC

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

Gutter that is removed will be replaced the same day with curb and gutter, so drop off doesn’t exist overnight.

The Contractor will use Flaggers during peak traffic hours and at times specified by the Engineer to supplement the stop condition and signing shown on Standard Plate 634.25. It is possible that Flagging will be required during all daytime hours. Advance warning Flagger signs will be required when Flaggers are present and removed when no Flaggers are present.

Type B warning lights will be placed on top of FLAGGER (Symbol) signs and will conform to Section 634.3A for warning lights and will be incidental to the contract lump sum price for Traffic Control, Miscellaneous.

The Contractor will notify businesses/homeowners a minimum of two weeks prior to construction to inform them of upcoming construction and again a minimum of 48 hours prior to any blocked access to make appropriate arrangements.

Traffic approaching the project from intersecting roadways, streets and approaches must be adequately accommodated. Major intersections or large commercial entrances may require additional signing, flaggers and channelizing devices on a temporary basis until work activities pass these areas.

ITEMIZED LIST FOR TRAFFIC CONTROL SIGNS

SIGN CODE	SIGN DESCRIPTION	CONVENTIONAL ROAD			
		NUMBER	SIGN SIZE	SQFT PER SIGN	SQFT
R1-1	STOP	1	30"	5.2	5.2
R9-9	SIDEWALK CLOSED	2	24" x 12"	2.0	4.0
R9-11a	SIDEWALK CLOSED with ARROW (L or R) CROSS HERE	2	24" x 12"	2.0	4.0
W4-2	LEFT or RIGHT LANE ENDS (symbol)	1	48" x 48"	16.0	16.0
W20-1	ROAD WORK AHEAD	2	48" x 48"	16.0	32.0
W20-5	LEFT or RIGHT LANE CLOSED AHEAD	1	48" x 48"	16.0	16.0
W20-7	FLAGGER (symbol)	1	48" x 48"	16.0	16.0
		CONVENTIONAL ROAD TRAFFIC CONTROL SIGNS SQFT			
		93.2			

UNCLASSIFIED EXCAVATION

It is estimated that 100 cubic yards of topsoil will be salvaged from cut areas and the remainder of the 600 cubic yards of unclassified excavation will need to be truck hauled away. Plans quantity will be basis of payment.

CONTRACTOR FURNISHED TOPSOIL

It is anticipated that a larger volume of topsoil will be needed for the area where asphalt concrete is being removed. It is estimated that 100 cubic yards will be salvaged from cut areas. The Contractor will be required to furnish and place 4 inches of topsoil on the disturbed areas as determined by the Engineer during construction.

Contractor furnished topsoil will be free from clay lumps, stones, coarse gravel, or similar objects larger than 1/2 inch in diameter. Brush, stumps, roots, wood, objectionable weeds, litter, or any other material which may be harmful to plant growth will not be allowed. Organic material will be decomposed.

Cost for furnishing and placing topsoil will be incidental to the contract unit price per cubic yard for Contractor Furnished Topsoil.

MYCORRHIZAL INOCULUM

Mycorrhizal inoculum will consist of mycorrhizal fungi spores and mycorrhizal fungi-infected root fragments in a solid carrier. The carrier may include organic materials, calcinated clay, or other materials consistent with application and good plant growth. The supplier will provide certification of the fungal species claimed and the live propagule count. The inoculum will include the following fungal species:

Glomus intraradices25% Glomus aggregatu 25%
Glomus mosseae 25% Glomus etunicatum 25%

Seed will be inoculated by the seed supplier with a minimum of 20,000 live propagules of mycorrhizal fungi per 1,000 square feet. All costs of inoculating the seed will be incidental to the contract unit price per pound for the corresponding permanent seed mixture.

PERMANENT SEEDING

The areas to be seeded consist of all newly graded areas within the project limits Type D Permanent Seed Mixture will consist of the following:

Grass Species	Variety	Pure Live Seed (PLS) (Pounds/1000 SqFt)
Kentucky Bluegrass	Avalanche, Appalachian, Wildhorse, Blue Bonnet	1.4
Perennial Ryegrass	Turf Type Varieties	1.4
Creeping Red Fescue	Epic, Boreal	1.4
Chewings Fescue	Ambrose, K2, VNS, Zodiac	1.4
Alkali Grass	Fults, Fults II, Quill, Salty	1.4
Total:		7

WATER FOR VEGETATION

Water for vegetation consists of applying water to seeded areas to enhance germination and/or root growth. When watering, use the following guidelines:

Immediately after seeding:

- Keep the topsoil moist but not excessively wet until the seed has germinated.
- Water a minimum of 3 days a week for 2 weeks preferably watering 2 or 3 times a day in small quantities.
- Use fine spray and low pressure to avoid topsoil wash and to prevent uncovering buried seeds.

After emergence:

- Topsoil will be kept thoroughly moistened by sprinkling, as necessary, for 6 weeks. After the 6 week period, an inspection will be made to determine if grass is established enough to suspend watering. Continue watering until grass has been thoroughly established.
- Never apply water at a rate faster than the topsoil can absorb.
- Water during early morning hours or early evening hours.
- Do not water when rain is forecasted for the area.
- If rainfall occurs, suspend watering according to rainfall amount.

An estimated 5 Gallons of water per square yard of seeding area was used to compute the quantity for Water for Vegetation.

Cost for furnishing and applying the water including hauling, material, equipment, labor and incidentals necessary will be included in the contract unit price per MGal for Water for Vegetation. Plans quantity will be basis of payment.

FIBER MULCHING

Fiber mulch shall be applied in a separate operation following permanent seeding.

An additional 2% by weight of tackifier shall be added to the fiber mulch product selected from the approved product list. If the product selected has guar gum tackifier included, then the additional 2% of tackifier shall be guar gum. If the product selected has synthetic tackifier included, then the additional 2% of tackifier shall be synthetic.

Fiber mulch shall be applied at the rate of 0.6 pounds per square yard. It is estimated 1338 pounds of fiber mulch will be needed.

The Contractor shall allow the fiber mulch to cure a minimum of 18 hours prior to watering or any storm event to ensure proper cohesion between the soil and fiber particles.

Cost for the additional tackifier added to the fiber mulch including labor, equipment, and material shall be incidental to the contract unit price per pound for Fiber Mulching. Plans quantity will be basis of payment.

The fiber mulch provided shall be from the approved product list. The approved product list for fiber mulch may be viewed at the following internet site:

<http://sddot.com/business/certification/products/Default.aspx>

EROSION CONTROL WATTLE

Erosion control wattles for restraining the flow of runoff and sediment will be installed at locations noted in the table and at locations determined by the Engineer during construction. Refer to Standard Plate 734.06 for details.

The Contractor will provide certification that the erosion control wattles do not contain noxious weed seeds.

Erosion control wattles will remain on the project until vegetation has been established and then they will be removed in accordance with the Engineer.

The erosion control wattle provided will be from the approved product list. The approved product list for erosion control wattle may be viewed at the following internet site:

<http://sddot.com/business/certification/products/Default.aspx>

TABLE OF EROSION CONTROL WATTLE

Station	L/R	Diameter (Inch)	Quantity (Ft)
0+00 to 2+00	L	12	200
Total:			200