



Department of Transportation

Mitchell Region Office

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June 15, 2017

TO: Interested Bidders

ADDENDUM 2

RE: 229N-271, Minnehaha County – PCN I4M9
Clearing, Excavation, Contractor Furnished Borrow, Contractor
Furnished Topsoil, Fencing, Erosion Control & Riprap

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 project:

PROPOSAL

No change.

PLANS

Delete Sheet 4 of 25 and replace it with the enclosed Revised Sheet 4 of 25.

In the first paragraph of the UNCLASSIFIED EXCAVATION note, the quantity for Unclassified Excavation was changed to 1725 CuYds.

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
R. Johnson/Motschenbacher/Kruger – Operations Support
Hansen – Civil Rights
Dressen/Heiberger/Aalberg/Pfaff/Vandam – Sioux Falls Area
Gustafson – Operations
Larson/Holthaus/Schnabel – Bridge Maintenance
Marton – Hydraulics
Long – Materials
Leiferman – Project Development

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.

CLEARING

Clearing shall be accomplished within the work limits from Station 1+50 to 5+69.

The trees that require sawing will need to be cut, so no part projects above finished ground by 24". The trees that require sawing are adjacent to the existing box culvert and cannot be safely removed without damaging the existing wingwalls.

Diameter	Remove Entire Tree	Sawing Required	Total Trees
Under 12"	39	0	39
12" to 18"	14	2	16
18" to 24"	5	2	7
24" to 30"	4	1	5
60"		1	1
	Total Trees to be removed		68

The table above is for information only, and clearing shall be accomplished per section 100 of the Standard Specifications.

UNCLASSIFIED EXCAVATION

1,725 CuYds of Unclassified Excavation have been included for reshaping of the existing drainage channel and removing unsuitable materials for backfill from the channel and channel slopes. Plan's quantity shall be used for final payment for Unclassified Excavation unless changes are ordered by the Engineer.

The existing drainage channel slopes are lined with riprap, large concrete pieces, and other miscellaneous items. The riprap, large concrete pieces, and other miscellaneous items shall be removed prior to shaping of the new drainage channel. Removal of these items shall be incidental to the contract item Unclassified Excavation.

The existing quartzite riprap may be salvaged, weighed, and reused on the project as Class B Riprap provided it meets the requirements of section 830 of the Standard Specifications.

Muck excavation will not be considered on this project; all excavation shall be included in the contract item Unclassified Excavation. Material not suitable for backfill as determined by the Engineer shall be wasted by the Contractor

Compaction of all materials on the project associated with Unclassified Excavation shall be to the satisfaction of the Engineer.

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 quantity of Contractor Furnished Borrow Excavation was calculated using the actual amount of fill for the project without an additional shrinkage value. A portion of the unclassified excavation is expected to be suitable fill; which for this project will be considered a balance for not adding additional shrinkage to the estimated quantity. 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.

Compaction of Contractor furnished borrow material shall be to the satisfaction of the Engineer.

TABLE OF RIPRAP AND DRAINAGE FABRIC

Station	L/R	Class B Riprap (Ton)	Type B Drainage Fabric (SqYd)
		1+82 to 4+00	L & R
		1268.0	1604.0
	Totals:	1268.0	1,604.0

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.

BRACE PANELS FOR ROW FENCE

The E-Z Brace or an approved equal may be utilized as an alternate horizontal brace in the brace panels if approved by the Engineer. The E-Z Brace shall be attached to each wood post utilizing two 5/16" x 3" lag screws. Holes of appropriate diameter, based on wood post condition, shall be drilled before placement of lag screws. The following are contacts regarding the E-Z Brace:

Roger Papka
E-Z Brace
1160 Karen St.
Watertown, SD 57201
605-881-6142

Dennis Mack
E-Z Brace
108 18th St. NE
Watertown, SD 57201
605-881-4990

NEW POST PANELS

Existing post panels shall be replaced. The number of 2 Post Panels will be the actual number installed and will be paid for at the contract unit price per each.

FENCE TABLE

LANE	INTERSTATE 229	REMOVE FENCE FT	TYPE 3 R/W FENCE FT	2 POST PANEL EACH	NOTES
NB	Rice Street On Ramp	373	340	2	Remove 33' South of Box and 340' North of Box, Reinstall Just from Box to North
I229 TOTALS:		373	340	2	

REMOVE AND REPLACE TOPSOIL

Topsoil shall also be salvaged and stockpiled prior to construction. Limits of this work, depth of salvage, and stockpile location will be directed by the Engineer. 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 TOPSOIL

Contractor Furnished Topsoil shall be spread evenly over areas as directed by the Engineer.

All costs associated with placing and shaping the topsoil shall be incidental to the contract unit price for the item Contractor Furnished Topsoil.

MYCORRHIZAL INOCULUM

Mycorrhizal inoculum shall 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 shall provide certification of the fungal species claimed and the live propagule count. The inoculum shall include the following fungal species:

Glomus intraradices 25%
Glomus aggregatu 25%
Glomus mosseae 25%
Glomus etunicatum 25%

All seed shall be inoculated by the seed supplier with a minimum of 100,000 live propagules of mycorrhizal fungi per acre. All costs of inoculating the seed shall be incidental to the contract unit price per pound for the corresponding permanent seed mixture.