

August 18, 2021

NOTICE TO CONTRACTORS

Sealed bids will be received by the South Dakota Department of Transportation until **1:30 pm, Thursday, September 2, 2021** at which time they will be opened for the following project(s):

Project Number	PCN	County	Type of Work	Area Engineer
022-171 028-171	i6k4 i6k5	Deuel	Cured in place culvert liners	Matt Brey (605-882-5166)

Should you have questions you are encouraged to contact Area Engineer listed for the project.

AVAILABILITY OF PLANS AND PROPOSALS:

Specifications and proposal forms are available at the Aberdeen Regional Office and at the following website: <https://apps.sd.gov/HC65BidLetting/RegionDefault.aspx>

The DOT-123 form provided within the proposal document is for information only. Do not use for bidding purposes. Bids submitted on the enclosed DOT-123 form will be considered void and will not be accepted by the department. Please email the Aberdeen Region office for the DOT-123 form that can be used for bidding purposes to the following:

Scott.Schneider@state.sd.us and Michael.Welch@state.sd.us

The email request for the DOT-123 form shall include the following information, so that the SDDOT can maintain a list of prospective bidders for this project and to maintain a contact list for future region lettings:

Company Name
Mailing Address
Phone Number

Addendums, if any, will be made available on-line at the above website, no later than **48 hours** prior to opening bids. It will be the Contractor's responsibility to check for addendums prior to submitting bids.

CONTENT OF BIDS:

Returned Bids shall include the following ORIGINAL SIGNATURE items all signed in ink:

1. A notarized Contract Proposal (DOT-123). Non-signature items shall be typed or completed in ink.
2. Participation by Minority Contractors Form.
3. Contractor's Affidavit/Declaration.
4. Fuel Adjustment Affidavit. (The successful bidder must submit the Fuel Adjustment Affidavit (DOT-208) form prior to the execution of the contract; therefore, all bidders are encouraged to submit the Fuel Adjustment Affidavit prior to or at the time of bidding.)

Bids shall be in sealed envelopes and clearly marked on the outside with the words "BID ENCLOSED" and the letting to which the bid applies. Proposals faxed to the office will not be accepted.

<i>If hand delivering or using a package delivery service, address the envelope:</i>	<i>If using the US Postal Service, address the envelope:</i>
Mark Peterson, Region Engineer Department of Transportation 2735 West Highway 12 Aberdeen, SD 57401	Mark Peterson, Region Engineer Department of Transportation P.O. Box 1767 Aberdeen, SD 57402-1767

Bidders will be required to fill out the blank spaces in the proposal form correctly. The bidder must fill in a unit price for each bid item shown on the proposal form. Bidders will also be required to carry out extensions and determine the "Total or Gross Sum Bid" as indicated in the proposal. The total of any proposal, as determined by the bidder, will be used only for a comparison when bids are publicly opened

and read, and any errors noted in extensions or totals will be corrected to determine the "Total or Gross Sum Bid" of any proposal.

Failure to properly carry out any of the above requirements is deemed as sufficient reason to reject any proposal.

BONDING & INSURANCE:

A **bid bond** will not be required.

A **performance bond** will not be required.

PREQUALIFICATION:

In accordance with current bidding procedures, [Administrative Rules 70:07:02](#), a bidder must be prequalified prior to bidding on state highway construction projects, unless his bid is less than \$250,000. Bidders must be prequalified for the Work Type(s): **Work Type 12, Underground and Utilities**.

Contractors may apply for prequalification by fully completing and executing a Prequalification Statement on forms furnished by the Department. Such application must be sent to the Classification and Rating Committee at the Becker-Hansen Building, 700 East Broadway, Pierre, SD 57501 at least fourteen (14) days prior to the day of the letting. This form is available on line at <https://dot.sd.gov/doing-business/contractors/forms-documents> and is Form DOT-144-Contractor's Prequalification Form. Maintenance stockpile projects are excluded from this requirement.

Requests to add work types are considered a new questionnaire submission, and must meet the 14-day requirement.

A line of credit submitted to increase bidding capacity must be received by the committee before 4:00 p.m. of the last working day of the week preceding the letting. If the Legislature or the Governor declares the afternoon of the last working day of the week preceding the letting to be a holiday, the request must be received before 11:00 a.m. of the last working day. This form is available on line at <https://dot.sd.gov/doing-business/contractors/forms-documents>.

Upon approval by the Committee, said Qualification shall be in force for not more than eighteen (18) months from the date of the balance sheet submitted.

To request a prequalification application, please contact:

Classification and Rating Committee
Division of Finance and Management
South Dakota Department of Transportation
700 East Broadway
Pierre, SD 57501
Phone: (605) 773-3284

Further information is also available on the SDDOT website at <http://apps.sd.gov/HC65BidLetting/ebshowtobid.aspx>.

MISCELLANEOUS:

Any person engaged in highway construction work in the State of South Dakota must obtain a motor fuel highway contractor tax license.

The Department of Transportation in accordance with Title VI of the Civil Rights Act of 1964, 78 Stat. 252, 42 U.S.C. 2000d to 2000d-4 and Title 49, Code of Federal Regulations, Department of Transportation, Subtitle A, Office of the Secretary, Part 21, Nondiscrimination in Federally-assisted programs of the Department of Transportation issued pursuant to such Act, hereby notifies all bidders that it will affirmatively insure that in any contract entered into pursuant to this advertisement, minority business enterprises will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, religion, national origin, sex, age or disability in consideration for an award.

The Contractor, by signing and submitting a bid or proposal, agrees to provide services in compliance with the Americans with Disabilities Act of 1990.

The Department of Transportation reserves the right to reject any and all bids.

Sincerely,

DEPARTMENT OF TRANSPORTATION

Mark Peterson
Aberdeen Region Engineer

cc:
T. Ondricek
J. Hansen
[M. Brey](#)
J. Steen
D. German
File

NOTICE TO ALL BIDDERS

TO REPORT BID RIGGING ACTIVITIES, CALL: 1-800-424-9071

THE U.S. DEPARTMENT OF TRANSPORTATION (DOT) OPERATES THE ABOVE TOLL-FREE "HOTLINE" MONDAY THROUGH FRIDAY, 8:00 A.M. TO 5:00 P.M., EASTERN TIME. ANYONE WITH KNOWLEDGE OF POSSIBLE BID RIGGING, BIDDER COLLUSION, OR OTHER FRAUDULENT ACTIVITIES SHOULD USE THE "HOTLINE" TO REPORT SUCH ACTIVITIES.

THE "HOTLINE" IS PART OF THE DOT'S CONTINUING EFFORT TO IDENTIFY AND INVESTIGATE HIGHWAY CONSTRUCTION CONTRACT FRAUD AND ABUSE AND IS OPERATED UNDER THE DIRECTION OF THE DOT INSPECTOR GENERAL.

ALL INFORMATION WILL BE TREATED CONFIDENTIALLY AND CALLER ANONYMITY WILL BE RESPECTED.

* * * *

**SOUTH DAKOTA DEPARTMENT OF TRANSPORTATION
CONTRACT PROPOSAL**

DOT-123
February 2021
1 of 2

CODE	PROJECT			MAINT UNIT	CONTROL REFERENCE	AFE	FUNCTION	BEGIN MRM	END MRM
	PRE	ROUTE	AGR						
		022		171		i6k4	2290	361.2	361.2
		028		171		i6k5	2290	374.6	374.6

CITY AND/OR COUNTY: Deuel

BUDGET SOURCE: FY2022 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: Repair culverts at various locations on SD22 and SD28.

GENERAL ESTIMATE OF QUANTITIES AND COST

BID ITEM NUMBER	ITEM	QUANTITY	UNIT	UNIT PRICE	AMOUNT
009E0010	Mobilization	Lump Sum	LS	Lump Sum	
110E0510	Remove Pipe End Section	2	Each		
110E1690	Remove Sediment	1	CuYd		
110E7510	Remove Pipe End Section for Reset	1	Each		
450E5219	30" CMP Flared End, Furnish	2	Each		
450E5220	30" CMP Flared End, Install	2	Each		
450E8910	Cleanout for Culvert Treatment	2	Each		
450E9001	Reset Pipe End Section	1	Each		
634E0010	Flagging	10	Hour	\$30.37	\$303.70
634E0110	Traffic Control Signs	274	SqFt		
634E0120	Traffic Control, Miscellaneous	Lump Sum	LS	Lump Sum	
734E0010	Erosion Control	Lump Sum	LS	Lump Sum	
734E0154	12" Diameter Erosion Control Wattle	100	Ft		
734E0602	Low Flow Silt Fence	100	Ft		
734E0610	Mucking Silt Fence	10	CuYd		
TOTAL					

ALTERNATE A ESTIMATE OF QUANTITIES AND COST

BID ITEM NUMBER	ITEM	QUANTITY	UNIT	UNIT PRICE	AMOUNT
450E9526	30" Cured in Place Pipe	108	Ft		
450E9528	36" Cured in Place Pipe	86	Ft		

ALTERNATE B ESTIMATE OF QUANTITIES AND COST

BID ITEM NUMBER	ITEM	QUANTITY	UNIT	UNIT PRICE	AMOUNT
450E9726	30" Fold and Form PVC Liner Pipe	108	Ft		
450E9728	36" Fold and Form PVC Liner Pipe	86	Ft		

TOTAL OF GENERAL ESTIMATE AND CHOSEN BID ALTERNATE

TOTAL

**SOUTH DAKOTA DEPARTMENT OF TRANSPORTATION
CONTRACT PROPOSAL**

DOT-123
February 2021
2 of 2

CODE	PROJECT			MAINT UNIT	CONTROL REFERENCE	AFE	FUNCTION	BEGIN MRM	END MRM
	PRE	ROUTE	AGR						
		022		171		i6k4	2290	361.2	361.2
		028		171		i6k5	2290	374.6	374.6

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 November 12, 2021

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

PHONE NUMBER

FEDERAL TAX ID NUMBER

TO BE FILLED OUT BY STATE PERSONNEL:

The parties agree that the Department of Transportation may execute this contract by electronic signature.

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

purposes.

**BIDDER MUST EXECUTE THE FOLLOWING:
PARTICIPATION BY MINORITY CONTRACTORS**

Utilization of Minority Business Enterprises Clauses

PROJECT(S): 022-171 & 028-171

PCN i6k4 & i6k5

COUNTY(IES): Deuel

1. The Contractor agrees to use his best efforts to carry out this policy in the award of his subcontracts to the fullest extent consistent with the efficient performance of his contract. As used in this contract, 'Minority Business Enterprise' or 'MBE' means a small business concern, as defined pursuant to section 3 of the Small Business Act and implementing regulations, which is owned and controlled by one or more minorities or women. 'Owned and controlled' means a business: (a) Which is at least 51 per centum owned by one or more minorities or women or, in the case of publicly owned business, at least 51 per centum of the stock of which is owned by one or more minorities or women; and (b) Whose management and daily business operations are controlled by one or more such individuals. 'Minority' means a person who is a citizen or lawful permanent resident of the United States and who is: (a) Black (a person having origins in any of the black racial groups of Africa); (b) Hispanic (a person of Spanish or Portuguese culture with origins in Mexico, South or Central America or the Caribbean Islands, regardless of race); (c) Asian American (a person having origins in any of the original peoples of the Far East, Southeast Asia, the Indian subcontinent, or the Pacific Islands); or (d) American Indian and Alaskan Native (a person having origins in any of the original peoples of North America); (e) Members of other groups, or other individuals, found to be economically and socially disadvantaged by the Small Business Administration under section 8(a) of the Small Business Act, as amended. Contractors may rely on written representatives by subcontractors regarding their status as minority business enterprise in lieu of an independent investigation.
2. The Contractor agrees to establish and conduct a program which will enable minority business enterprise to be considered fairly as subcontractors and suppliers under this contract. In this connection the Contractor shall . . .
 - (a) Designate a liaison officer who will administer the Contractor's minority business enterprises program.
 - (b) Provide adequate and timely consideration of the potentialities of known minority business enterprises in all "make-or-buy" decisions.
 - (c) Ensure that known minority business enterprises will have an equitable opportunity to compete for subcontracts, particularly by arranging solicitations, time for the preparation of bids, quantities, specifications and delivery schedules so as to facilitate the participation of minority business enterprises.
 - (d) Maintain records showing (1) procedures which have been adopted to comply with the policies set forth in this clause, including the establishment of a source list of minority business enterprises, (2) awards to minority business enterprises on the source list, and (3) specific efforts to identify and award contracts to minority business enterprises.
 - (e) Include the "Utilization of Minority Business Enterprises Clause" in subcontracts which offer substantial minority business enterprises subcontracting opportunities.
 - (f) Cooperate with the State's Contracting Officer in any studies and surveys of the Contractor's minority business enterprises procedures and practices that the State's Contracting Officer may from time to time conduct.
 - (g) Submit periodic reports of subcontracting to known minority business enterprises with respect to the records referred to in subparagraph (d) above, in such form and manner and at such time (not more often than quarterly) as the State's Contracting Officer may prescribe.
3. The Contractor further agrees to insert in any subcontract hereunder provisions which shall conform substantially to the language of this clause, including this paragraph 3 and to notify the State's Contracting Officer of the names of such subcontractors.
4. The bidder hereby certifies that should he at any time decide to subcontract a portion of the work, he will take affirmative action to seek out and consider minority business enterprises as potential subcontractors. He further certifies that he will maintain records showing the contacts made with potential minority business enterprises subcontractors and the results of such contacts.

Name of Company (print or type)

Date

By _____
Signature of Company Official

Title

BIDDER MUST EXECUTE THE FOLLOWING:

**STATE OF SOUTH DAKOTA
DEPARTMENT OF TRANSPORTATION**

CONTRACTOR'S AFFIDAVIT / DECLARATION

PROJECT(S): 022-171 & 028-171

PCN i6k4 & i6k5

COUNTY(IES): Deuel

(an individual)
(a partnership)
(a corporation)

do hereby certify that I, We or any owner or partner holding a controlling interest, director or officer of the bidder; principal investigator, project director or other position involved in management of the project for which this bid is submitted, have not directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with the contract for the project, and that within the last 3 years none of the above have been suspended, debarred, voluntarily excluded or determined ineligible by any federal or state agency, been indicted, convicted, or had a civil judgment rendered against any of the above or the business entity described herein by a court of competent jurisdiction in any matter involving fraud or official misconduct for which we are currently under suspension or debarment. Nor is a proposed suspension or debarment pending against any of the above for any of the above listed reasons.

* * * *

COMPLETE SIGNATURE BLOCK A. or B. BELOW:

A. Signed _____
(an individual)
(a partnership)
(a corporation)

By _____

Title _____

County of _____)

State of _____) :SS

Subscribed and sworn to before me this _____ day of _____, 20____.

(SEAL) _____
Notary Public My Commission Expires _____.

* * * *

B. Under the penalty of perjury under the laws of the United States, I hereby certify that the above statement is true and correct.

Signed _____
(an individual)
(a partnership)
(a corporation)

By _____

Title _____

REV. 12/3/20

INDEX OF SPECIAL PROVISIONS

PROJECT(S): 022-171 & 028-171

PCN i6k4 & i6k5

COUNTY(IES): Deuel

TYPE OF WORK: CURED IN PLACE CULVERT LINING

THE FOLLOWING ITEMS ARE INCLUDED IN THIS PROPOSAL FORM:

Plans for Project – Sheets 1 thru 11.

SPECIAL PROVISION FOR GLASS REINFORCED PLASTIC (GRP) ULTRAVIOLET LIGHT (UV) CURED IN PLACE PIPE (CIPP) LINER, dated 8-6-21.

SPECIAL PROVISION FOR FOLD-AND-FORM PVC PIPE (FFPP) LINER, dated 8-6-21.

Special Provision for Portland Cement, dated 12/3/20.

Special Provision for Prequalification of Bidders, dated 10/16/20.

Special Provision for Restriction of Boycott of Israel, dated 1/31/20.

Special Provision for Contractor Administered Preconstruction Meeting, dated 12/18/19.

Fuel Adjustment Affidavit, DOT form 208 dated 7/15.

Standard Title VI Assurance, dated 3/1/16.

Special Provision For Implementation of Clean Air Act & Federal Water Pollution Control Act, dated 9/1/97.

Special Provision Regarding Minimum Wage on State Funded Projects, dated 10/24/19.

Wage and Hour Division US Department of Labor Washington DC.

- US Dept. of Labor Decision Number SD180001, dated 4/6/18.

Special Provision for Supplemental Specifications to 2015 Standard Specifications for Roads and Bridges, dated 11/20/19.

Special Provision for Errata to 2015 Standard Specifications for Roads and Bridges, dated 11/20/19.

Special Provision for Price Schedule for Miscellaneous Items, dated 10/7/20.

* * * *

**STATE OF SOUTH DAKOTA
DEPARTMENT OF TRANSPORTATION**

**SPECIAL PROVISION
FOR
GLASS REINFORCED PLASTIC (GRP) ULTRAVIOLET LIGHT (UV)
CURED IN PLACE PIPE (CIPP) LINER**

**PROJECT 022-171 & 028-171; PCN i6k4 & i6k5
DEUEL COUNTY**

AUGUST 6, 2021

I. DESCRIPTION

This work consists of rehabilitating existing drainage culverts by furnishing and installing Glass Reinforced thermosetting Plastic (GRP) Cured-in-Place Pipe (CIPP) liners using Ultraviolet (UV) cure methods.

II. MATERIALS

A. Tube Liner: Tube liner will consists of at least two separate tubes made of corrosion resistant (E-CR or equivalent) glass fibers according to ASTM D578 and ASTM F2019. Provide flexible liner tubing that exhibits the following characteristics.

- Constructed to withstand pulling and installation forces.
- Fabricated to a size that when installed, conforms to the internal circumference and length the of host pipe.
- Includes an impermeable inner and outer foil layer to contain resin migration and contamination.
- Do not include any material in the tube that may cause delamination in the CIPP.
- After installation the wall color of the interior pipe surface of CIPP is a light reflective color.
- Maximum cured thickness of liner not to exceed ½ inch for host pipes of 48" diameter and less.

Minimum Initial Liner Structural Properties

Property	Test Method	Minimum Value
Flexural Strength	ASTM D790	6,500
Flexural Modulus	ASTM D790	725,000
Tensile Strength	D3039/D3039M	9,000
	D638	9,000

As Per Table 1 of ASTM F2019.

B. Resin: Resins will meet the requirements of ASTM F2019, Section 5 for UV-light cured.

C. Slide Foil: A continuous heavy gauge plastic sheet for the purpose of covering the lower portion of the host pipe, protecting the liner during the pull in process.

III. DESIGN PARAMETERS

Follow the design considerations of ASTM F2019 and meet the following:

CONDITION	PARAMETER
Minimum Design Service Life	Greater than 50 years
Pipe Condition	Gravity Pipe - Fully Deteriorated*
Soil Load	120 lbs./Cu.Ft.
Live Load	AASHTO LRFD Article 3.6.1.2.6
Pipe Ovality ¹	Minimum 2% for RCP host pipe Minimum 3% for CMP host pipe
Minimum Factor of Safety	2.0
Inside Pipe Diameter	Refer to plan sheets
Pavement type	Refer to plan sheets**
Height of fill from invert to top of road	Refer to plan sheets
Height of Water above Top of Pipe	Top of pipe unless site conditions indicate higher

¹The Contractor will be responsible for estimating the ovality of the host pipe. The values provided are the minimum to be used for design.

*Use Fully Deteriorated pipe condition, unless otherwise stated in plans.

**Use Flexible Pavement, unless otherwise stated in the plans.

Assume no bonding to host pipe wall.

Design the CIPP liner system to meet ASTM F1216, Appendix X1.

IV. CLOSED-CIRCUIT TELEVISION (CCTV) CAMERA

The CCTV camera will be mounted on a crawler. The crawler will be capable of traveling the entire length of the pipe culvert. If unable to travel through the pipe culvert due to an obstacle or large void, then the CCTV camera will be run from both ends of the pipe culvert as far as possible.

The CCTV camera will travel through the pipe culvert at a speed not exceeding 30 feet per minute.

Pipe culverts may need to be dewatered to allow for CCTV inspection.

The CCTV camera will be equipped with an accurate working footage counter that shows accurate distances on the video recordings.

The CCTV camera will have the ability to pan and tilt. Lighting for the CCTV camera will be suitable to allow a clear picture of the entire periphery of the pipe. The CCTV monitor and other components of the CCTV system will be capable of producing a clear color picture/CCTV image.

A DVD recording (or other Engineer approved method) of each CCTV camera inspection of each pipe culvert will be provided to the Engineer.

All defects such as holes, cracks, and open joints will be fully documented when doing the CCTV inspections.

V. CONTRACTOR QUALIFICATIONS

The Contractor will have qualified staff on the project during the CIPP installation process that meet the following requirements:

- Are certified by the Manufacturer of the CIPP product to be used on the project.
- Have at least 2 years of active experience in the installation and UV curing methods of CIPP according to ASTM F2019.
- Have a job supervisor for the CIPP installation crew who is assigned to the project full time during the CIPP installation and has at least 5 years of experience in the installation and UV curing methods of CIPP according to ASTM F2019.

Or

- Provide a manufacturer's representative with at least three years' experience with UV-GRP CIPP installation in pipes and has installed at least 10,000 feet of UV-GRP CIPP according to ASTM F2019. The Contractor is responsible to ensure the manufacturer's representative is on-site during the first 5 CIPP installations. When the representative is not on-site, provide the telephone number of a manufacturer's representative who is available on a 24-hour basis throughout the Project duration.

VI. SUBMITTALS

Submit the following to the Area Engineer at least 14 Calendar Days before the preconstruction meeting:

- Certification by the lining system manufacturer that the installation contractor is approved by the CIPP manufacturer to install the liners.
- Documentation of Contractor staff members that will be on project that meet the Contractor Qualifications listed above.
- Manufacturer's technical data showing complete information on material composition, structural properties, and dimensions of system components of the tube and resin system. Include manufacturer's recommendation for handling and storage.
- Independent third party certification of test results confirming that the CIPP liner system meets the minimum chemical resistance requirements and initial structure properties according to ASTM F2019.
- Detailed installation plan describing project staging, liner shot plan and sequence, and the manufacturer's standard procedures for liner installation. Include installation pressures, allowable curing temperatures, temperature monitoring plan, and speed of the UV light train for proper curing of the installed liner.
- End seal material to be used, and method of installation. Hydraulic cements and quick-set cement products are not acceptable.
- Provide copy of engineering drawing and design calculations for each location, signed and sealed by a Professional Engineer registered in the state of South Dakota. At a minimum design calculations will include all the items listed above under MATERIALS Structural Properties and DESIGN PARAMETERS.

VII. CONSTRUCTION REQUIREMENTS

Field verify pipe inside diameter(s) throughout the pipe, length(s), alignment, material and condition of the host pipe prior to ordering liner material and construction. Handle and store all liner material to ensure that the material is not torn, cut, exposed to direct sunlight or otherwise damaged.

The host pipe will be thoroughly cleaned using a high-pressure water jet or hydro-mechanical methods. The cleaning method will produce a clean, sound surface that demonstrates no evidence of loose material, debris or contaminates. The host pipe will be cleaned just prior to insertion of the CIPP liner. The Contractor will implement appropriate sediment control measures prior to cleaning in order to prevent discharges from the project boundaries to comply with the Storm Water Permit.

Material removed from the pipe culverts will become the property of the Contractor for disposal.

Host pipe inspection will be completed with a CCTV camera. A DVD recording (or other Engineer approved method) of the inspection will be provided to the Engineer. The inspection will determine the suitability of the liner for the host pipe including such items as the horizontal and vertical alignments, location of gaps in the joints and pipe damage. The Engineer will be notified if any pipe sections are impassible or the pipe cannot be lined.

Any intrusions into the pipe will be cut or ground off flush with the host pipe interior wall before installing the liner. Cut off existing pipe tie bolts flush with the nut or as per the manufacturer's recommendation, if manufacturer's recommendations are more stringent.

Control groundwater infiltration that will interfere with installation of the CIPP liner. Dewatering may be necessary. Host pipe will be in a dry condition as prescribed by the CIPP liner manufacturer.

Prior to inserting the CIPP liner, a slide foil protector will be pulled into the host pipe to protect the CIPP liner from damage, during the pull in process.

Installation of the liner into the host pipe will be in accordance with ASTM F2019.

CCTV camera will be located on the ultraviolet light assembly to view that the liner is properly inflated and identify any liner problems before curing begins.

The cured CIPP liner will be continuous over the entire length of an installation run and be free of material defects. The lining will be impervious and free of any leakage from the pipe to the surrounding ground or from the ground to inside the lined pipe.

Trim the liner to length according to the manufacturer's recommendations. The liner will provide a smooth transition taper at each end of the pipe. There will not be any gaps between the liner and the host pipe. The ends will be sealed providing a watertight seal between the host pipe and the CIPP liner.

CIPP inspection will be completed with a CCTV crawler after the liner has been cured. A DVD recording (or other Engineer approved method) of the inspection will be provided to the Engineer.

Defects which will or could affect the structural integrity, strength, capacity, or future maintenance of the installed CIPP liner will be repaired at the Contractor's expense, in a manner approved by the Engineer.

VIII. METHOD OF MEASUREMENT

- A. Cleanout Culvert for Treatment:** Cleanout Culvert for Treatment will be measured by the number of complete culverts that are cleaned.
- B. Cured In Place Pipe:** Cured in Place Pipe will be measured along the centerline of the pipe to the nearest 1 foot.

IX. BASIS OF PAYMENT

- A. Cleanout Culvert for Treatment:** Cleanout Culvert for Treatment will be paid for at the contract unit price per each. Payment will be full compensation for cleaning, disposal of removed materials, initial CCTV camera inspection, labor, equipment, and incidentals necessary.
- B. Cured In Place Pipe:** Cured in Place Pipe will be paid for at the contract unit price per foot for the various size specified. Payment will be full compensation for dewatering, host pipe preparation, slide foil, CIPP liner material, installation, curing, CCTV camera inspection of finished liner, labor, equipment, and incidentals necessary.

* * * * *

**STATE OF SOUTH DAKOTA
DEPARTMENT OF TRANSPORTATION**

**SPECIAL PROVISION
FOR
FOLD-AND-FORM PVC PIPE (FFPP) LINER**

**PROJECT 022-171 & 028-171; PCN i6k4 & i6k5
DEUEL COUNTY**

AUGUST 6, 2021

I. DESCRIPTION

This work consists of rehabilitating existing drainage culverts by furnishing and installing Fold-and-Form PVC Pipe (FFPP) liner.

II. MATERIALS

A. Tube Liner: Tube liner be made from virgin PVC compounds according to ASTM D1784 and ASTM F1504. The pipe will be made from PVC compound meeting all the requirements for cell classification 12334 or 32334 as defined in specification D1784 and with minimum Physical Properties:

Tensile Strength	Test Method D638	6,000psi
Tensile Modulus	Test Method D638	320,000psi
Flexural Strength	Test Method D790	6,000psi
Flexural Modulus	Test Method D790	320,000psi
Heat Deflection Temperature Tested @ 264psi (2MPa)	Test Method D648	115°F

There shall be no evidence of splitting, cracking or breaking when the rounded pipe is tested according to section 11.3 of ASTM F1504.

The impact strength of rounded pipe will not be less than the values in Table 1 when tested in accordance with test method D2444 as referenced in ASTM F1504.

Table 1: Minimum Impact Strength at 73°F (23°C)

Pipe size, in.	Impact strength, ft-lb f
18	220
24	220
30	220
36	220

Values for pipe stiffness for the rounded pipe will comply with Table 2 when tested in accordance with test method D2412 as referenced in ASTM F1504.

Table 2: Minimum Pipe Stiffness at 5% Deflection

Pipe Size, in.	Pipe Stiffness, psi	Dimension Ratio, (DR)
18	6	66
24	6	66
30	6	66
36	6	66

In addition, the liner will meet the following requirements:

- fit the host pipe tightly
- have a maximum thickness of ½ inch
- provide a continuous lining of the host pipe
- have a minimum 50-year design life.

FFPP liner will be shipped, stored, and handled in a manner consistent with written recommendations of the manufacturer.

FFPP liner will be clearly marked as follows at intervals of 5ft.or less:

- Manufacturer's name or trademark and code
- Nominal outside diameter
- The PVC cell classification, for example "12334"
- The legend "DR XX FOLDED PVC PIPE"
- The designation "Specification ASTM F1504"

III. DESIGN PARAMETERS

Follow the design considerations of ASTM F1947 and meet the following:

CONDITION	PARAMETER
Minimum Design Service Life	Greater than 50 years
Pipe Condition	Gravity Pipe - Fully Deteriorated*
Soil Load	120 lbs./Cu.Ft.
Live Load	AASHTO LRFD Article 3.6.1.2.6
Pipe Ovality ¹	Minimum 2% for RCP host pipe Minimum 3% for CMP host pipe
Minimum Factor of Safety	2.0
Inside Pipe Diameter	Refer to plan sheets
Pavement type	Refer to plan sheets**
Height of fill from invert to top of road	Refer to plan sheets
Height of Water above Top of Pipe	Top of pipe unless site conditions indicate higher

¹The Contractor will be responsible for estimating the ovality of the host pipe. The values provided are the minimum to be used for design.

*Use Fully Deteriorated pipe condition, unless otherwise stated in plans.

**Use Flexible Pavement, unless otherwise stated in the plans.

Assume no bonding to host pipe wall.

Design the CIPP liner system to meet ASTM F1216, Appendix X1.

IV. CLOSED-CIRCUIT TELEVISION (CCTV) CAMERA

The CCTV camera will be mounted on a crawler. The crawler will be capable of traveling the entire length of the pipe culvert. If unable to travel through the pipe culvert due to an obstacle or large void, then the CCTV camera will be run from both ends of the pipe culvert as far as possible.

The CCTV camera will travel through the pipe culvert at a speed not exceeding 30 feet per minute.

Pipe culverts may need to be dewatered to allow for CCTV inspection.

The CCTV camera will be equipped with an accurate working footage counter that shows accurate distances on the video recordings.

The CCTV camera will have the ability to pan and tilt. Lighting for the CCTV camera will be suitable to allow a clear picture of the entire periphery of the pipe. The CCTV monitor and other components of the CCTV system will be capable of producing a clear color picture/CCTV image.

A DVD recording (or other Engineer approved method) of each CCTV camera inspection of each pipe culvert will be provided to the Engineer.

All defects such as holes, cracks, and open joints will be fully documented when doing the CCTV inspections.

V. CONTRACTOR QUALIFICATIONS

The Contractor will have qualified staff on the project during the FFPP liner installation process that meet the following requirements:

- Are certified by the Manufacturer of the FFPP product to be used on the project.
- Have at least 2 years of active experience in the installation and FFPP liners according to ASTM F1947.
- Have a job supervisor for the FFPP liner installation crew who is assigned to the project full time during the FFPP liner installation and has at least 5 years of experience in the installation of FFPP liner according to ASTM F1947.

Or

- Provide a manufacturer's representative with at least three years' experience with FFPP installation in pipes and has installed at least 10,000 feet of FFPP according to ASTM F1947. The Contractor is responsible to ensure the manufacturer's representative is on-site during the first 5 FFPP installations. When the representative is not on-site, provide the telephone number of a manufacturer's representative who is available on a 24-hour basis throughout the Project duration.

VI. SUBMITTALS

Submit the following to the Area Engineer at least 14 Calendar Days before the preconstruction meeting:

- Certification by the lining system manufacturer that the installation contractor is approved by the FFPP manufacturer to install the liners.
- Documentation of Contractor staff members that will be on project that meet the Contractor Qualifications listed above.
- Manufacturer's technical data showing complete information on material composition, structural properties, and dimensions of system components of the tube. Include manufacturer's recommendation for handling and storage.
- Independent third party certification of test results confirming that the FFPP liner system meets the minimum tube liner requirements listed above under MATERIALS.
- Detailed installation plan describing project staging, and the manufacturer's standard procedures for liner installation. Include installation pressures, allowable curing temperatures, and temperature monitoring plan.
- End seal material to be used, and method of installation. Hydraulic cements and quick-set cement products are not acceptable.
- Provide copy of engineering drawing and design calculations for each location, signed and sealed by a Professional Engineer registered in the state of South Dakota. At a minimum design calculations will include all the items listed above under MATERIALS Physical Properties and DESIGN PARAMETERS.

VII. CONSTRUCTION REQUIREMENTS

Field verify pipe inside diameter(s) throughout the pipe, length(s), alignment, material and condition of the host pipe prior to ordering liner material and construction. Handle and store all liner material to ensure that the material is not torn, cut, exposed to direct sunlight or otherwise damaged.

The host pipe will be thoroughly cleaned using a high-pressure water jet or hydro-mechanical methods. The cleaning method will produce a clean, sound surface that demonstrates no evidence of loose material, debris or contaminants. The host pipe will be cleaned just prior to insertion of the FFPP liner. The Contractor will implement appropriate sediment control measures prior to cleaning in order to prevent discharges from the project boundaries to comply with the Storm Water Permit.

Material removed from the pipe culverts will become the property of the Contractor for disposal.

Host pipe inspection will be completed with a CCTV camera. A DVD recording (or other Engineer approved method) of the inspection will be provided to the Engineer. The inspection will determine the suitability of the liner for the host pipe including such items as the horizontal and vertical alignments, location of gaps in the joints and pipe damage. The Engineer will be notified if any pipe sections are impassible or the pipe cannot be lined.

Any intrusions into the pipe will be cut or ground off flush with the host pipe interior wall before installing the liner. Cut off existing pipe tie bolts flush with the nut or as per the manufacturer's recommendation, if manufacturer's recommendations are more stringent.

Control groundwater infiltration that will interfere with installation of the FFPP liner. Dewatering may be necessary. Host pipe will be in a dry condition as prescribed by the FFPP liner manufacturer.

Installation will only be allowed when the air temperature is at least 10°F and rising.

Installation of the liner into the host pipe will be in accordance with ASTM F1947.

The installed FFPP liner will be continuous over the entire length of an installation run and be free of material defects. The lining will be impervious and free of any leakage from the pipe to the surrounding ground or from the ground to inside the lined pipe.

Trim the liner to length according to the manufacturer's recommendations. The liner will provide a smooth transition taper at each end of the pipe. There will not be any gaps between the liner and the host pipe. The ends will be sealed providing a watertight seal between the host pipe and the FFPP liner.

FFPP inspection will be completed with a CCTV crawler after the liner has been installed. A DVD recording (or other Engineer approved method) of the inspection will be provided to the Engineer.

Defects which will or could affect the structural integrity, strength, capacity, or future maintenance of the installed FFPP liner will be repaired at the Contractor's expense, in a manner approved by the Engineer.

VIII. METHOD OF MEASUREMENT

- A. Cleanout Culvert for Treatment:** Cleanout Culvert for Treatment will be measured by the number of complete culverts that are cleaned.
- B. Fold and Form PVC Liner Pipe:** Fold and Form PVC Liner Pipe will be measured along the centerline of the pipe to the nearest 1 foot.

IX. BASIS OF PAYMENT

- A. Cleanout Culvert for Treatment:** Cleanout Culvert for Treatment will be paid for at the contract unit price per each. Payment will be full compensation for cleaning, disposal of removed materials, initial CCTV camera inspection, labor, equipment, and incidentals necessary.
- B. Fold and Form PVC Liner Pipe:** Fold and Form PVC Liner Pipe will be paid for at the contract unit price per foot for the various size specified. Payment will be full compensation for dewatering, host pipe preparation, FFPP liner material, installation, CCTV camera inspection of finished liner, labor, equipment, and incidentals necessary.

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**STATE OF SOUTH DAKOTA
DEPARTMENT OF TRANSPORTATION**

**SPECIAL PROVISION
FOR
PORTLAND CEMENT**

DECEMBER 3, 2020

Section 750 – Page 519 – Delete and replace with the following:

750 PORTLAND CEMENT

Unless otherwise permitted by the Engineer, the product of only one mill of any one brand and type of Portland cement will be used on the project.

The specifications may reference a specific cement type for a construction application. When a cement type is specified, the cement type referenced is applicable to Section 750 A; however, the Contractor may use any of the following cements:

- A. Portland Cement:** Portland cement will conform to AASHTO M 85 for the type specified. All cements will not have more than 0.60% of Alkalies ($\text{Na}_2\text{O} + 0.658\text{K}_2\text{O}$).
- B. Portland Limestone Cement (PLC):** Portland limestone cement will conform to AASHTO M 240 Type IL. When Type II cement is specified, the cement will meet MS requirements of AASHTO M 240. When Type V cement is specified, the cement will meet HS requirements of AASHTO M 240. The Contractor will submit ASTM C1012 test results from within the last 12 months to the Engineer prior to using Portland limestone cement.
- C. Portland-Pozzolan Cement:** Portland-pozzolan cement will conform to AASHTO M 240 Type IP. When Type II cement is specified, the cement will meet MS requirements of AASHTO M 240. When Type V cement is specified, the cement will meet HS requirements of AASHTO M 240. The Contractor will submit ASTM C1012 test results from within the last 12 months to the Engineer prior to using Portland-Pozzolan cement.

Fly ash used in the cement manufacturing will meet the requirements of Section 753. The fly ash content will meet the fly ash percent specified. Fly ash may not be substituted for a portion of the Portland-pozzolan cement during concrete production. If a different pozzolan is used in the cement manufacturing, the Portland-pozzolan cement will meet equivalent

performance of historical fly ash percent specified mixes, as determined and reviewed by the Department's Concrete Engineer.

- D. Ternary Blended Cement:** Ternary blended cement will conform to AASHTO M 240 Type IT. When Type II cement is specified, the cement will meet MS requirements of AASHTO M 240. When Type V cement is specified, the cement will meet HS requirements of AASHTO M 240. The Contractor will submit ASTM C1012 test results from within the last 12 months to the Engineer prior to using ternary blended cement.

The ternary blended cement will meet the equivalent performance of historical fly ash percent specified mixes, as determined and reviewed by the Department's Concrete Engineer.

Fly ash may not be substituted for a portion of the ternary blended cement during concrete production.

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**STATE OF SOUTH DAKOTA
DEPARTMENT OF TRANSPORTATION**

**SPECIAL PROVISION
FOR
PREQUALIFICATION OF BIDDERS**

OCTOBER 16, 2020

Delete Section 2.1 and replace with the following:

2.1 PREQUALIFICATION OF BIDDERS - Prequalification on state highway construction contracts is required unless the amount being bid is less than \$250,000.

A prospective bidder must be prequalified prior to the time and date specified for bid opening. A prospective bidder may apply for prequalification by completing and executing a Contractor's prequalification statement on a form approved by the Department. This application must be received by the Department's classification and rating committee at least 14 calendar days before the opening of the prospective bidder's bid, unless a shorter time frame is approved by the committee.

Once prequalified, the Department will issue a notice to the prospective bidder stating the prospective bidder's approved work classification or work classifications, the prospective bidder's overall bidding capacity, the prospective bidder's per contract bidding capacity, and the prospective bidder's expiration date for prequalification status.

The complete prequalification requirements are contained in South Dakota Administrative Rule 70:07.

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**STATE OF SOUTH DAKOTA
DEPARTMENT OF TRANSPORTATION**

**SPECIAL PROVISION
FOR
RESTRICTION OF BOYCOTT OF ISRAEL**

JANUARY 31, 2020

In accordance with the State of South Dakota Office of the Governor Executive Order 2020-01 the following will apply to all contracts unless the amount being bid is less than \$100,000:

By submitting a bid proposal for this contract, the bidder certifies and agrees the following information is correct for the bidder and all subcontractors (all tiers) and suppliers with five (5) or more employees:

The bidder, in preparing the bid proposal or in considering proposals submitted from qualified potential suppliers and subcontractors, or in the solicitation, selection, or commercial treatment of any supplier or subcontractor; has not refused to transact business activities, has not terminated business activities, and has not taken other similar actions intended to limit its commercial relations, related to the subject matter of the bid proposal, with a person or entity on the basis of Israeli national origin, or residence or incorporation in Israel or its territories, with the specific intent to accomplish a boycott or divestment of Israel in a discriminatory manner. It is understood and agreed that, if this certification is false, such false certification will constitute grounds for the Department to reject the bid proposal submitted by the bidder on this contract and terminate any contract awarded based on the bid. The bidder agrees to provide immediate written notice to the Department if, during the term of the contract awarded to the bidder, the bidder no longer complies with this certification. The bidder further agrees such noncompliance may be grounds for contract termination.

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**STATE OF SOUTH DAKOTA
DEPARTMENT OF TRANSPORTATION**

**SPECIAL PROVISION
FOR
CONTRACTOR ADMINISTERED PRECONSTRUCTION MEETING

DECEMBER 18, 2019**

I. DESCRIPTION

This work consists of the Contractor scheduling and conducting a preconstruction meeting prior to beginning work on this contract. Additionally, this work consists of the Contractor providing the Area Engineer a completed list of required submittals.

II. MATERIALS (Not Specified)

III. CONSTRUCTION REQUIREMENTS

The Area Engineer will provide the Contractor the Authorization Form for Preconstruction Meeting (Form DOT-270) and the Contractor's Required Submittals Form (Form DOT-272) after the date of the Notice of Award and no later than 10 business days after the date of the Notice to Proceed.

The Contractor's authorized representative as indicated on the Signature Authorization Form (Form DOT-209) will complete, in its entirety, the first page of the Authorization Form for Preconstruction Meeting and will initial each proceeding section. By initialing each section, the Contractor is confirming comprehension of each section.

The Contractor's Required Submittals Form is a document outlining information required prior to the completion of the project. This list will include two types of submittals; 1) information required before scheduling a preconstruction meeting and 2) information required before the Contractor begins related work. The Department reserves the right to request additional information not included in the original list of required submittals. The list of required submittals will include, but is not limited to, proposed sequence changes, shop drawings, permits, certifications, mix designs, labor compliance, equal employment opportunity, and disadvantaged business enterprise documents. The Area Engineer will update the Contractor's Required Submittals Form with any project specific requirements and cross out or delete those that do not apply prior to providing the document to the Contractor.

Prior to scheduling the preconstruction meeting, the Contractor will complete and provide the Area Engineer all items on the list of required submittals that are

required as described in 1) above. If the Contractor cannot complete and provide a submittal item required prior to scheduling the preconstruction meeting, the Contractor will contact the Area Engineer to establish a mutually agreed upon date when the required submittal will be completed and provided to the Area office.

The Contractor will not begin work on an item until the Contractor has provided the Area Engineer with all required information for the applicable work item and the appropriate office has approved the information, if necessary. The Contractor will make every reasonable effort to deliver the required submittals at the earliest possible time.

When the Contractor has provided the Area Engineer all required submittals, except those mutually agreed upon to be provided at a later date or dates, the Contractor will schedule a preconstruction meeting with the Area Engineer.

Within 2 business days following the Contractor scheduling the preconstruction meeting, the Area Engineer will prepare and send the Contractor a meeting confirmation and the Preconstruction Meeting Outline (Form DOT-271).

The Area Engineer will edit and amend the Preconstruction Meeting Outline, as necessary, to meet the specific needs of the project. The Area Engineer will complete the project information and the Department information prior to furnishing the form to the Contractor.

The Contractor will complete the Contractor's portion of the Preconstruction Meeting Outline and will add additional discussion items as needed. The Contractor will send the meeting notice and final Preconstruction Meeting Outline to the Area Engineer, all subcontractors, utility companies, railroad companies (if applicable), and all suppliers at least 5 business days prior to the preconstruction meeting.

The Area Engineer will send the notice of the meeting and the final Preconstruction Meeting Outline of discussion items to any other government entities and other principle stakeholders involved in the project at least 3 business days prior to the preconstruction meeting.

At the discretion of the Area Engineer, the preconstruction meeting may be held in person, videoconference, or over the phone. The Contractor's competent superintendent who will be working on this project, as required by Section 5.5, or the Contractors Project Manager, as required by the Special Provision for Cooperation by Contractor and Department (if applicable), , is required to attend the preconstruction meeting.

The Contractor will lead the meeting discussion as described in the Preconstruction Meeting Outline. The Area Engineer will prepare the meeting minutes including any unresolved items and distribute the minutes to all attendees

and principle stakeholders within 5 business days following the preconstruction meeting.

IV. METHOD OF MEASUREMENT

The Department will not make a separate measurement for the preconstruction meeting.

V. BASIS OF PAYMENT

The Department will not make a separate payment for the preconstruction meeting. All costs associated with the preconstruction meeting will be incidental to other contract items.

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FUEL ADJUSTMENT AFFIDAVIT

Project Number _____
PCN _____
County _____

For project let using the SDEBS) and in accordance with Section 9.12, the bidder is not required to notify the Department at the time of submitting bids whether the Contractor will or will not participate in the fuel cost adjustment program. Prior to execution of the contract, the successful bidder must submit this completed form to the Department for approval. The Fuel Adjustment Affidavit shall include the anticipated fuel cost of subcontractors.

Does your company elect to participate in a fuel adjustment for this contract for the fuels that do not have a fixed price? No adjustments in fuel prices will be made if "No" is checked.

☐ Yes

☐ No

If yes, provide the total dollars for each of the applicable fuels. No adjustments in fuel price will be made for the fuel types that are left blank or completed with a \$0.00 value.

Diesel (x) \$ _____

Unleaded (y) \$ _____

Burner Fuel (z) \$ _____ Type of Burner Fuel Used: _____

Sum (x + y + z) = \$ _____

Note: The sum of the x, y, and z may not exceed 15% of the original contract amount.

The following must be completed regardless of whether the Contractor elects to participate in the fuel adjustment affidavit

Under the penalty of law for perjury or falsification, the undersigned, _____,
(Printed Name)

_____ of _____,
(Title) (Contractor)

hereby certifies that the documentation is submitted in good faith, that the information provided is accurate and complete to the best of their knowledge and belief, and that the monetary amount identified accurately reflects the cost for fuel, and that they are duly authorized to certify the above documentation on behalf of the company.

I hereby agree that the Department or its authorized representative shall have the right to examine and copy all Contractor records, documents, work sheets, bid sheets, and other data pertinent to the justification of the fuel costs shown above.

Dated _____ Signature _____

Notarization is required only when the Contractor elects to participate in the fuel adjustment affidavit

Subscribed and sworn before me this _____ day of _____, 20____.

Notary Public

My Commission Expires

**STATE OF SOUTH DAKOTA
DEPARTMENT OF TRANSPORTATION**

**STANDARD TITLE VI / NONDISCRIMINATION ASSURANCES
APPENDIX A & E**

MARCH 1, 2016

During the performance of this contract, the contractor, for itself, its assignees, and successors in interest (hereinafter referred to as the "contractor") agrees as follows:

1. **Compliance with Regulations:** The contractor (hereinafter includes consultants) will comply with the Acts and the Regulations relative to Non-discrimination in Federally-assisted programs of the U.S. Department of Transportation, Federal Highway Administration, as they may be amended from time to time, which are herein incorporated by reference and made a part of this contract.
2. **Non-discrimination:** The contractor, with regard to the work performed by it during the contract, will not discriminate on the grounds of race, color, or national origin in the selection and retention of subcontractors, including procurements of materials and leases of equipment. The contractor will not participate directly or indirectly in the discrimination prohibited by the Acts and the Regulations, including employment practices when the contract covers any activity, project, or program set forth in Appendix B of 49 CFR Part 21.
3. **Solicitations for Subcontracts, Including Procurements of Materials and Equipment:** In all solicitations, either by competitive bidding, or negotiation made by the contractor for work to be performed under a subcontract, including procurements of materials, or leases of equipment, each potential subcontractor or supplier will be notified by the contractor of the contractor's obligations under this contract and the Acts and the Regulations relative to Non-discrimination on the grounds of race, color, or national origin.
4. **Information and Reports:** The contractor will provide all information and reports required by the Acts, the Regulations, and directives issued pursuant thereto and will permit access to its books, records, accounts, other sources of information, and its facilities as may be determined by the Recipient or the Federal Highway Administration to be pertinent to ascertain compliance with such Acts, Regulations, and instructions. Where any information required of a contractor is in the exclusive possession of another who fails or refuses to furnish the information, the contractor will so certify to the Recipient or the Federal Highway Administration, as appropriate, and will set forth what efforts it has made to obtain the information.
5. **Sanctions for Noncompliance:** In the event of a contractor's noncompliance with the Non-discrimination provisions of this contract, the Recipient will impose such contract sanctions as it or the Federal Highway Administration may determine to be appropriate, including, but not limited to:
 - a. withholding payments to the contractor under the contract until the contractor complies; and/or
 - b. cancelling, terminating, or suspending a contract, in whole or in part.
6. **Incorporation of Provisions:** The contractor will include the provisions of paragraphs one through six in every subcontract, including procurements of materials and leases of equipment, unless exempt by the Acts, the Regulations and directives issued pursuant thereto. The contractor will take action with respect to any subcontract or procurement as the Recipient or the Federal Highway Administration may direct as a means of enforcing such provisions including sanctions for noncompliance. Provided, that if the contractor becomes involved in, or

is threatened with litigation by a subcontractor, or supplier because of such direction, the contractor may request the Recipient to enter into any litigation to protect the interests of the Recipient. In addition, the contractor may request the United States to enter into the litigation to protect the interests of the United States.

During the performance of this contract, the contractor, for itself, its assignees, and successors in interest (hereinafter referred to as the "contractor") agrees to comply with the following non-discrimination statutes and authorities; including but not limited to:

Pertinent Non-Discrimination Authorities:

- Title VI of the Civil Rights Act of 1964 (42 U.S.C. § 2000d et seq., 78 stat. 252), (prohibits discrimination on the basis of race, color, national origin); and 49 CFR Part 21.
- The Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, (42 U.S.C. § 4601), (prohibits unfair treatment of persons displaced or whose property has been acquired because of Federal or Federal-aid programs and projects);
- Federal-Aid Highway Act of 1973, (23 U.S.C. § 324 et seq.), (prohibits discrimination on the basis of sex);
- Section 504 of the Rehabilitation Act of 1973, (29 U.S.C. § 794 et seq.), as amended, (prohibits discrimination on the basis of disability); and 49 CFR Part 27;
- The Age Discrimination Act of 1975, as amended, (42 U.S.C. § 6101 et seq.), (prohibits discrimination on the basis of age);
- Airport and Airway Improvement Act of 1982, (49 USC § 471, Section 47123), as amended, (prohibits discrimination based on race, creed, color, national origin, or sex);
- The Civil Rights Restoration Act of 1987, (PL 100-209), (Broadened the scope, coverage and applicability of Title VI of the Civil Rights Act of 1964, The Age Discrimination Act of 1975 and Section 504 of the Rehabilitation Act of 1973, by expanding the definition of the terms "programs or activities" to include all of the programs or activities of the Federal-aid recipients, sub-recipients and contractors, whether such programs or activities are Federally funded or not);
- Titles II and III of the Americans with Disabilities Act, which prohibit discrimination on the basis of disability in the operation of public entities, public and private transportation systems, places of public accommodation, and certain testing entities (42 U.S.C. §§ 12131-12189) as implemented by Department of Transportation regulations at 49 C.F.R. parts 37 and 38;
- The Federal Aviation Administration's Non-discrimination statute (49 U.S.C. § 47123) (prohibits discrimination on the basis of race, color, national origin, and sex);
- Executive Order 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations, which ensures Non-discrimination against minority populations by discouraging programs, policies, and activities with disproportionately high and adverse human health or environmental effects on minority and low-income populations;
- Executive Order 13166, Improving Access to Services for Persons with Limited English Proficiency, and resulting agency guidance, national origin discrimination includes discrimination because of Limited English proficiency (LEP). To ensure compliance with Title VI, you must take reasonable steps to ensure that LEP persons have meaningful access to your programs (70 Fed. Reg. at 74087 to 74100);
- Title IX of the Education Amendments of 1972, as amended, which prohibits you from discriminating because of sex in education programs or activities (20 U.S.C. 1681 et seq).

**STATE OF SOUTH DAKOTA
DEPARTMENT OF TRANSPORTATION**

**SPECIAL PROVISION FOR
IMPLEMENTATION OF CLEAN AIR ACT
AND
FEDERAL WATER POLLUTION CONTROL ACT**

SEPTEMBER 1, 1997

By signing this bid, the bidder will be deemed to have stipulated as follows:

- a) That any facility to be utilized in the performance of this contract, unless such contract is exempt under the Clean Air Act, as amended (42 U.S.C. 1857 et seq., as amended by Pub. L. 91-604), and under the Federal Water Pollution Control Act, as amended (33 U.S.C. 1251 et seq., as amended by Pub. L. 92-500), Executive Order 11738, and regulations in implementation thereof (40 CFR, Part 15), is not listed on the U.S. Environmental Protection Agency (EPA) List of Violating Facilities pursuant to 40 CFR 15.20.
- b) That the State Transportation Department shall be promptly notified prior to contract award of the receipt by the bidder of any communication from the Director, Office of Federal Activities, EPA, indicating that a facility to be utilized for the contract is under consideration to be listed on the EPA List of Violating Facilities.

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**STATE OF SOUTH DAKOTA
DEPARTMENT OF TRANSPORTATION**

**SPECIAL PROVISION REGARDING
MINIMUM WAGE ON STATE FUNDED PROJECTS**

OCTOBER 24, 2019

This proposal contains a copy of the most recent United States Department of Labor (USDOL) Davis-Bacon Act Wage Decision, adopted by the South Dakota Transportation Commission.

If the amount of this contract, as awarded, is \$100,000.00 or more, the following wage provisions will apply:

1. The Contractor and each related subcontractor will pay all laborers and mechanics working at the site of work unconditionally and not less than once a week, and without subsequent deduction or rebate of any account, other than permitted payroll deductions. The Contractor and each related subcontractor must compute the full amount of wages and bona fide fringe benefits (or cash equivalents thereof) due at the time of payment at rates not less than those rates contained in the USDOL Davis-Bacon Act Wage Decision.
2. The Contractor and each related subcontractor will pay their respective employees not less than the USDOL minimum wage for each work classification an employee actually performs at the site of the work.
3. The Contractor and each related subcontractor must submit weekly, for each week in which any contract work is performed, an electronic certified weekly payroll report. The payroll report must be submitted electronically to the Elation System website. The Elation System website can be accessed by logging onto the State of South Dakota's single sign-on website at <https://mysd.sd.gov/> or can also be accessed at <https://elationsys.com/>. First time users will need to use the Promotion Code SDDOT-19. The payroll report must be submitted within fourteen (14) calendar days after the end of the workweek. The payroll reports submitted shall set out accurately and completely all the information required to be maintained under 29 C.F.R. 5.5(a)(3)(i). Weekly transmittals must include an individually identifying number for each employee, such as the last four digits of the employee's social security number, but these weekly transmittals must not include full social security numbers or home addresses. The Contractor is responsible for the submission of certified payroll reports by all subcontractors.
4. Each certified weekly payroll report must include the most recent South Dakota Department of Transportation (SDDOT) Statement of Compliance Form, signed by

the Contractor or related subcontractor or his or her agent who pays or supervises the payment of the persons employed under the contract. The Instructions for the SDDOT Statement of Compliance Form are found at <https://dot.sd.gov/doing-business/contractors/labor-compliance/certified-payrolls-let-after-6/5/19>. The SDDOT will not accept any payroll report which does not include the most recent SDDOT Statement of Compliance Form.

5. The Contractor and each related subcontractor will maintain payrolls and basic records relating thereto during the course of the work and preserve these records for a period of three (3) years from the date of completion of the contract for all laborers, mechanics, apprentices, trainees, watchmen, and guards working at the site of the work. These records must contain the name, address, social security number of each such worker, his or her correct work classification, and hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalents thereof). The Contractor and each related subcontractor will make these records available for inspection, copying, or transcription by the Labor Compliance Officer (LCO) and will permit the LCO to interview employees during working hours on the site of the work.
6. The SDDOT will upon its own action, or upon written request of an authorized representative of the USDOL, withhold, or cause to be withheld, from the Contractor or related subcontractor under this contract, or any other contract with the same prime Contractor, as much of the accrued payments, advances, or guarantee of funds as may be considered necessary to pay laborers and mechanics, including apprentices, trainees, and helpers employed by the Contractor or any related subcontractor, the full amount of wages required by the contract. In the event the Contractor fails to pay any laborer or mechanic, including any apprentice, trainee, or helper employed or working on the site of the work, all or part of the wages required by the contract, the LCO may, after written notice to the Contractor, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds under this contract or any other contract with the same prime Contractor until such violations have ceased.

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**Wage and Hour Division
U.S. Department of Labor (DOL)
200 Constitution Avenue, N.W.
Washington, DC 20210**

Davis-Bacon Act Wage Decisions

State: South Dakota

Construction Types: Heavy and Highway

Counties: South Dakota Statewide

General Decision Number: SD180001 Mod-1 04/06/2018 SD1

Agency: U.S. DOL
Wage Decision Number: SD180001 SD1
Counties: SD Statewide
Wage Decision Date: 04/06/2018 (Mod-1)

***SUSD2018-001 03-20-2018**

LABORERS

GROUP GL1

Air Tool Operator; Common Laborer; Landscape Worker; Flagger; Pilot Car Driver;
Trucks under 26,000 GVW; Blue-top Checker; Materials Checker

GROUP GL2

Mechanic Tender (Helper); Pipe Layer (except culvert); Form Builder Tender;
Special Surface Finish Applicator; Striping

GROUP GL3

Asphalt Plant Tender; Pile Driver Leadsman; Form Setter; Oiler/Greaser

GROUP GL5

Carpenter; Form Builder

GROUP GL6

Concrete Finisher; Painter; Grade Checker

POWER EQUIPMENT OPERATORS

GROUP G01

Concrete Paving Cure Machine; Concrete Paving Joint Sealer; Conveyor; Tractor (farm type with
attachments); Self Propelled Broom; Concrete Routing Machine; Paver Feeder; Pugmill; Skid Steer

GROUP G02

Bull Dozer 80 HP or less; Front End Loader 1.25 CY or less; Self-Propelled Roller (except Hot Mix);
Sheepsfoot/50Ton Pneumatic Roller; Pneumatic Tired Tractor or Crawler (includes Water Wagon and
Power Spray units); Wagon Drill; Air Trac; Truck Type Auger; Concrete Paving Saw

GROUP G03

Asphalt Distributor; Bull Dozer over 80 HP; Concrete Paving Finishing Machine; Backhoes/ Excavators
20 tons or less; Crusher (may include internal screening plant); Front End Loader over 1.25 CY;
Rough Motor Grader; Self Propelled Hot Mix Roller; Push Tractor; Euclid or Dumpster; Material Spreader;
Rumble Strip Machine

GROUP G04

Asphalt Paving Machine Screed; Asphalt Paving Machine; Cranes/Derricks/Draglines/Pile Drivers/Shovels
30 to 50 tons; Backhoes/Excavators 21 to 40 tons; Maintenance Mechanic; Scrapers; Concrete Pump Truck

GROUP G05

Asphalt Plant; Concrete Batch Plant; Backhoes/Excavators over 40 Tons; Cranes/ Derricks/Draglines/Pile
Drivers/Shovels over 50 tons; Heavy Duty Mechanic; Finish Motor Grader; Automatic Fine Grader;
Milling Machine; Bridge Welder

TRUCK DRIVERS

GROUP GT1

Tandem Truck without trailer or pup; Single Axle Truck over 26,000 GVW with Trailer

GROUP GT2

Semi-Tractor and Trailer; Tandem Truck with Pup

ELECTRICIANS

GROUP E01

Electrician

<u>Rates</u>	<u>Fringes</u>
18.86	0.00
17.51	0.00
18.95	0.00
27.96	0.00
21.41	0.00
20.62	0.00
20.66	0.00
22.02	0.00
23.79	0.00
24.77	0.00
21.46	0.00
21.66	4.22
26.42	3.85

WELDERS – Receive rate prescribed for craft performing operation to which welding is incidental.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor contract clauses (29 CFR 5.5(a)(1)(ii)). Contractors are responsible for requesting SDDOT to secure necessary additional work classifications and rates.

*Classifications listed under an "SU" identifier were derived from survey data and the published rate is the weighted average rate based on all rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Survey wage rates are not updated and will remain in effect until a new survey is conducted.

A COPY OF THIS DOCUMENT, COLORED PURPLE, MUST BE CONSPICUOUSLY POSTED AT THE PROJECT SITE

**Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210**

Davis-Bacon Act Wage Decisions**State: South Dakota****Construction Types: Heavy and Highway****Counties: South Dakota Statewide****General Decision Number: SD180001 Mod-1 04/06/2018 SD1**

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In the listing above, the "SU" identifier indicates the rates were derived from survey data. As these weighted average rates include all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of the survey on which these classifications and rates are based. The next number, 007 in this example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

For SDDOT Defined Work Classifications, please visit: <https://dot.sd.gov/doing-business/contractors/labor-compliance/defined-work-classifications-wage-requirements>

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- an existing published wage determination
- a survey underlying a wage determination
- a Wage and Hour Division letter setting forth a position on a wage determination matter
- a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION

**STATE OF SOUTH DAKOTA
DEPARTMENT OF TRANSPORTATION**

**SPECIAL PROVISION
FOR
SUPPLEMENTAL SPECIFICATIONS TO
2015 STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES**

NOVEMBER 20, 2019

The Supplemental Specifications dated November 20, 2019 are in effect for and made a part of this contract.

The Supplemental Specifications may be obtained from the Department website or the local Area Office or by contacting the Operations Support Office.

Department Website:

<https://dot.sd.gov/doing-business/contractors/standard-specifications/2015-standard-specifications>

Operations Support:

605-773-3571

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**STATE OF SOUTH DAKOTA
DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION
FOR
SUPPLEMENTAL SPECIFICATIONS FOR
ERRATA
TO 2015 STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES

NOVEMBER 20, 2019**

The Supplemental Specifications for Errata dated November 20, 2019 are in effect for and made a part of this contract.

The Supplemental Specifications for Errata may be obtained from the Department website or the local Area Office or by contacting the Operations Support Office.

Department Website:

<https://dot.sd.gov/doing-business/contractors/standard-specifications/2015-standard-specifications>

Operations Support:

605-773-3571

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**STATE OF SOUTH DAKOTA
DEPARTMENT OF TRANSPORTATION**

**SPECIAL PROVISION
FOR
PRICE SCHEDULE FOR MISCELLANEOUS ITEMS**

OCTOBER 7, 2020

The following unit bid prices have been established by the South Dakota Department of Transportation Commission.

These prices will be pre-entered in the bidding package for each project or will establish a standard price to be used whenever no project contract unit price exists for that item.

Each unit price listed is considered full compensation for the cost of labor, material, and equipment to provide the item of work and/or material, complete in place, including (but not limited to) royalty, waste of unsuitable materials, equipment rental, overhead, profit, and incidentals.

Items specified in this document may be paid for on progressive estimates without the benefit of a prior approved Construction Change Order.

Specification Section Number	Specification Section Name	Item Name	Price per Item
5.8	Construction Stakes, Lines, and Grades	Engineer Directed Surveying/Staking	\$150.00/hour
7.7	Public Convenience and Safety	Water for Dust Control	\$25.00/M.Gal
9.3	Payment for extra haul of Materials	Extra Haul	\$0.20/ton mile (Truck) or \$0.08/ cubic yard station (Scraper)
120.5 A.5.	Roadway and Drainage Exc. & Emb.	Unclassified Excavation, Digouts	\$11.00/cu.yd.
120.5 H.	Roadway and Drainage Exc. & Emb.	Extra Haul	\$0.20 /ton mile (Truck) or \$0.08 /cubic yard station (Scraper)
120.5 I.	Roadway and Drainage Exc. & Emb.	Water for Embankment	\$25.00/M.Gal
421.5	Undercutting Pipe & Plate Pipe	Undercutting Culverts	\$15.00/cu.yd.

510.5 D.	Timber, Prestressed, and Steel Piles	Timber Pile Splice	\$750.00/each
		Steel Pile Splices (*All Weights)	Splice made before either of the pieces has been driven.
		8 HP*	\$150.00/each
		10 HP*	\$175.00/each
		12 HP*	\$200.00/each
		14 HP*	\$225.00/each
		Steel Pile Splices (*All Weights)	Splice made after one of the pieces has been driven.
		8 HP*	\$325.00/each
		10 HP*	\$425.00/each
		12 HP*	\$525.00/each
		14 HP*	\$600.00/each
510.5 E.	Timber, Prestressed, and Steel Piles	Pile Shoes (Timber Pile)	\$150.00/each
510.5 H.	Timber, Prestressed, and Steel Piles	Pile Tip Reinforcement (Steel Pile)	
		10" HP Tip Reinforced	\$160.00/each
		12" HP Tip Reinforced	\$185.00/each
		14" HP Tip Reinforced	\$225.00/each
601.5	Haul Roads	Granular Material	\$20.00/ton
601.5	Haul Roads	Asphalt Concrete (including asphalt)	\$120.00/ton
601.5	Haul Roads	Cover Aggregate	\$45.00/ton
601.5	Haul Roads	Asphalt for Prime	\$925.00/ton
601.5	Haul Roads	Asphalt (Tack, Flush & Surface Treatment)	\$600.00/ton
601.5	Haul Roads	Water	\$25.00/M.Gal
601.5	Haul Roads	Dust Control Chlorides	\$0.45/lb
634.5	Temporary Traffic Control	Flagging	\$30.37/hour
634.5	Temporary Traffic Control	Pilot Car	\$43.87/hour

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