

**WORK ORDER FOR CONSULTANT SERVICES
LOCAL GOVERNMENT PROJECTS**

DOT 917-B
05/28/2024

GENERAL

1 Work Order No. BI-73-26 2 Agr. No. 411010 3 Date 05/27/2026
 4 Amendment No.
 5 Consultant Brosz Engineering

PROJECT INFORMATION

6 Project No. PT NBIS(50) 7 PCN 06V0 8 County/City City of Deadwood
 9 Project Description Bridge Inspections
 10 Project Location Citywide
 11 Work Type Bridge Inspections

For Specifics on the Scope of Work, See Attachment I

12 MAXIMUM LIMITING AMOUNT \$8,000.00 13 FIXED FEE \$1,029.28
 14 Amendment Amount 15 FIXED FEE
 16 New Maximum Limiting Amount \$8,000.00 17 FIXED FEE \$1,029.28
 18 COMPLETION DATE 05/01/2027

See Attachment I for interim dates and deliverables.

19 CONTACT PERSONS

Consultant Doug Wessel, Brosz Engineering
 City or County City of Deadwood
 SDDOT Cody Axlund, SDDOT


INSURANCE REQUIREMENTS

20 Type of Insurance	Expiration Date	On File
General Liability	09/01/2026	
Automobile Liability	09/01/2026	
Workers Compensation	09/01/2026	
Professional Liability	09/01/2026	

21 ATTACHMENTS

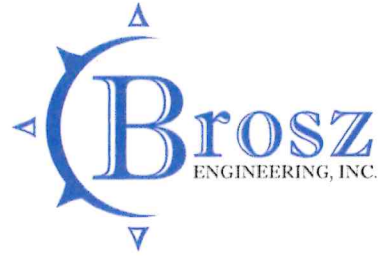
Services Required
 Reimbursement for Travel

APPROVAL BY:

Consultant:  Senior Principal 05/27/2026
 Date
 City or County:
 Concurrence Date
 22 DOT: Date

DISTRIBUTION:
 (1) Original - Audits
 (1) Copy - Consultant
 (1) Copy - Originating Office
 (1) Copy - Local Government Agency

May 21, 2026



Cody Axlund
LTP-SDDOT
700 E. Broadway Ave.
Pierre, SD 57501-2586

RE: PT NBIS(50) PCN 06V0, City of Deadwood Bridge Inspections – 4 Routine Bridge Inspections.

Dear Cody:

Brosz Engineering, Inc. would like to take this opportunity to provide a proposal for bridge inspections per your request dated May 21, 2026.

If you have any questions, please contact this office.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Douglas J. Wessel'.

Douglas J. Wessel, PE
Brosz Engineering, Inc.

Enclosures

Estimated Engineering Cost
Brosz Engineering, Inc.
PT NBIS (50), PCN 06V0
City of Deadwood
Retainer Agreement Number: 411010

Direct Labor Salary Cost:	Estimated Hours	Hourly Rate	Estimated Cost
Doug Wessel - Senior Principal	2	\$84.49	\$168.98
Jason Hanson - Senior Principal	2	\$80.64	\$161.28
Don Hammond - Sr. Engineer I	16	\$73.92	\$1,182.72
Bruce Wilsey - Sr. Engineer Tech I	6	\$55.55	\$333.30
Zach Wilsey - Engineer Tech II	14	\$37.07	\$518.98
Total Direct Labor Cost	40		\$2,365.26
Labor Overhead Cost:		190.11%	\$4,496.60
Fixed Fee - Max. Allowable for <u>Bridge Inspections</u>		15.00%	\$1,029.28
Capital Cost of Money		2.688%	\$63.58
Direct Expenses:			
Mileage	0	\$0.00	\$0.00
Meals (Per Diem)	0	\$0.00	\$0.00
Lodging	0	\$0.00	\$0.00
Photocopies	0	\$0.00	\$0.00
Postage	0	\$0.00	\$0.00
Miscellaneous	1	\$45.28	\$45.28
Total Direct Expenses			\$45.28
Total Estimated Engineering Cost			\$8,000.00
Equipment Rental			\$0.00
Total Estimated Cost			\$8,000.00

Brosz Engineering 2026 Rates - SDDOT

Name	40 Hr/Wk	45 Hr/Wk	50 Hr/Wk
Doug Wessel - Senior Principal	\$ 84.49	\$ 84.49	\$ 84.49
Jason Hanson - Senior Principal	\$ 80.64	\$ 80.64	\$ 80.64
Don Hammond - Sr. Engineer I	\$ 67.20	\$ 70.93	\$ 73.92
Bruce Wilsey - Sr. Engineer Tech I	\$ 50.50	\$ 53.31	\$ 55.55
Zach Wilsey - Engineer Tech II	\$ 33.70	\$ 35.57	\$ 37.07

Doug Wessel

From: Axlund, Cody
Sent: Thursday, May 21, 2026 9:38 AM
To: Doug Wessel
Cc: Axlund, Cody
Subject: 2026 Bridge Inspections (Scope) - City of Deadwood
Attachments: Deadwood.xlsx

TO: Brosz Engineering
FROM: Cody Axlund, SDDOT Local Government Assistance
PROJECT: PT NBIS(50), PCN 06V0

The City of Deadwood has requested that your firm be employed to complete their bridge inspection work for 2026. Please prepare a breakdown of estimated costs required to accomplish this work and submit it to **SDDOT Local Government Assistance, c/o Cody Axlund**, for preparation of the work order under the State's retainer contract.

The following contains the number of structures to be inspected in 2026. The cost breakdown should include estimated travel, per diems, personnel wages, fixed fee, and any other costs associated with the inspections. This summation will be the basis for the maximum limiting amount of the work order.

- Refer to the current Master Retainer Agreement for a complete list of technical requirements and provisions.
- All data will be collected and/or verified per the Specifications for the National Bridge Inventory (SNBI) and coded into BrM 7.
- Inspections will be performed by the time requirements in CFR 650.311(e) and will be updated in BrM 7 within three months of the field inspection date.
- Work will be complete by November 1, 2026, except for the county/city meeting, unless a time extension has been authorized prior to the deadline. Inspections past due without prior authorization are subject to penalty according to the Retainer Agreement.
- All required submittals to SDDOT will be electronic and uploaded to BrM Multimedia. Consultant will also upload existing plans, shop plans, and inventory documents for every structure inspected in 2026.
- A cross section will be performed and uploaded to BrM for all structures, excluding culverts and pipe, on the upstream side of bridge to monitor scour.
- Complete and update a Non-Redundant Steel Tension Member (NSTM) form for all NSTM structures.
- Complete and update a Critical Finding form where applicable and distribute to the local agency and SDDOT.
- Complete and update a Scour Plan of Action (POA) on all structures where item B.AP.03 is coded C, D, or U.
- All structures with plans or that can be rated by field measurements must have a load rating performed and kept in the bridge file for the three (3) South Dakota legal load configurations and SHV's according to the Manual for Bridge Evaluation (MBE) and all revisions. Any structure needing a new rating will follow the SDDOT Load Rating Manual and include an electronic AASHTOWare Bridge Rating (BrR) model to be submitted to the Department.
- Structures within one road mile from the Interstate Highway System will also require load rating of the EV2 and EV3 vehicles. These must be rated if an analysis can be done by plans or field measurements.
- Update all National Bridge Elements (NBEs) and Bridge Management Elements (BMEs) according to the AASHTO Guide Manual for Bridge Element Inspection and SDDOT Bridge Inspection Field Manual.
- Collection of element data is not required on closed structures. All other data collection and inspection requirements remain the same for closed structures.
- Consultants will have until January 1, 2027, to meet with each county commission or city council to go over inspection findings unless other arrangements are approved by this office.
- The bridge inspection Team Leader is required to be on location during all bridge inspections as per the criteria specified in 23 CFR 650.

Total Initial Inspections - 0
Total Re-Inspections - 4

Str No	County	Owner Code	Location	Routine Insp Due	Interval	NSTM Insp Due	Posting Status	Structure Length	Year Built	Material	Span Type	Latitude	Longitude	Bridge Condition
41157166	41 LAWRENCE	L02 Town or township highway agency	TIMM LN - DEADWOOD	7/9/2026 12:00:00 AM	24	1/1/1901 12:00:00 AM	PO	48.0	2024	8 - Conc. Prestressed	1 - GIRDER	44.36438540900	-103.736960900	G Good
41158162	41 LAWRENCE	L02 Town or township highway agency	CHARLES ST - DEADWOOD	7/9/2026 12:00:00 AM	24	1/1/1901 12:00:00 AM	PO	45.0	1994	2 - Concrete, Not PS	3 - RIGID FRAME	44.36915022400	-103.73411043700	F Fair
41164153	41 LAWRENCE	L02 Town or township highway agency	MCKINLEY ST - DEADWOOD	7/9/2026 12:00:00 AM	24	1/1/1901 12:00:00 AM	PO	41.0	1990	2 - Concrete, Not PS	3 - RIGID FRAME	44.38300760500	-103.72189469000	G Good
41166151	41 LAWRENCE	L02 Town or township highway agency	RODEO ENTR. - DEADWOOD	7/9/2026 12:00:00 AM	24	1/1/1901 12:00:00 AM	PO	41.3	1986	2 - Concrete, Not PS	3 - RIGID FRAME	44.38610605800	-103.71727279000	F Fair