



Department of Transportation

Aberdeen Region Office

West Highway 12

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March 8, 2018

ADDENDUM NO. 1

Re: 0009-168, PCN i51j
Watertown Area
Bridge Cleaning and Sweeping

TO WHOM IT MAY CONCERN:

PROPOSAL:

NO CHANGE

PLANS: Please destroy sheets 7 and 8 and replace with the enclosed sheets, dated 03/08/18.

Sheet 7: The plan notes for EQUIPMENT was revised.

Sheet 8: The plan notes for RECORD KEEPING was revised.

When sending in your sealed bid please state on the front of the envelope that Addendum No. 1 was received.

Sincerely,

DEPARTMENT OF TRANSPORTATION

Jeff Senst, P.E.
Region Engineer

cc: M. Brey J. Humphrey J. Steen File

BRIDGE CLEANING

Rev. 3-8-18 SLS

BROOKINGS, CODINGTON, DEUEL, GRANT, HAMLIN, MOODY, AND ROBERTS COUNTIES

BRIDGE CLEANING EXCEPTIONS

The 2 bridges within the City of Watertown on US212 do not require cleaning.

DISPOSAL

All refuse materials and debris collected shall become the property of the Contractor and shall be properly disposed of.

NO "on road" storage or dumping shall be permitted.

EQUIPMENT

All equipment shall be adequately maintained both mechanically and visually, and will be fully operational during all sweeping operations.

All equipment shall be properly registered and insured according to motor vehicles laws of the state of South Dakota.

All units shall be clearly and prominently marked with Contractor's company name.

- AIR COMPRESSOR

Compressor shall have a rated pressure of 100 psi with a minimum pressure level of 80 psi. Compressor shall be capable of delivering a minimum of 180 CFM.

- SWEeper

Minimum width of main broom or pickup head shall be 54 inches. Sweeper shall utilize both left side and right side brooms for picking up debris. Sweeper shall have an internal self-contained storage hopper. Storage hopper shall be a minimum capacity of 4 Cubic Yards.

- SWEeper BRUSH/BROOM REPLACEMENT

Worn brushes and brooms shall be replaced and adjusted to insure maximum efficiency.

- a. Six (6) inches on the gutter brushes;
- b. As required on trash direction brush;
- c. Six (6) inches on the main broom.

These shall be minimum criteria and final determination shall be on the effectiveness of all brushes and brooms.

- ATTENUATOR

Truck mounted or trailer attenuators may be utilized, provided attenuators conform to and are maintained in accordance with the requirements of Section 634.2 and Part 6 of the MUTCD for Category III traffic control devices.

DUST CONTROL

Contractor shall use all reasonable methods to minimize dust emissions during the performance of this Contract. Contractor will not create dust in such a quantity to create a nuisance, danger, or impair visibility.

Spraying of water during sweeping operations may be required to control dust.

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PERFORMANCE

Primary objectives of the cleaning/sweeping program are:

- Remove debris buildup to reduce infiltration of roadway deicers into concrete.
- Prevent debris from enter storm drains and bridge deck drains.
- Prevent debris from entering waterways.
- Maintain gutter flow lines free of debris for free flow of water.
- Maintain a state of cleanliness for safety and acceptable to travelers.

Sweeping shall normally consist of a pass (or passes) over an area. Contractor will make as many passes or such extra effort as may be required to adequately clean the bridge deck and approach slabs. Obstructions such as accumulations of silt, compacted dirt, leaves and similar debris shall be removed. Items such as small tree limbs, dead animal carcasses, tire retreads, vehicle parts and rocks may require removal prior to sweeping with a mechanical sweeper.

Inspections shall be performed on a regular basis, as well as spot checks and response to complaints.

Engineer shall decide adequacy of cleaning/sweeping.

In the event that the results of a cleaning/sweeping are considered to be unsatisfactory, Contractor shall re-clean/sweep unsatisfactory area(s) at Contractor's expense within 10 days after notification.

SDDOT reserves the right to withhold payment for missed, incomplete or unsatisfactory sweeping performance.

DEFICIENT PERFORMANCE

Liquidated Damages shall be applied to deficient performance and/or late completion.

Repeated instances of failure to perform shall result in cancellation of the Contract.

RECORD KEEPING

Contractor shall complete RECORD OF BRIDGE CLEANING (Attachment 2) contained within the contract. Contractor shall document arrival time at each bridge site, start and finish time of sweeping operations, number of passes made with sweeper, and departure time from each bridge site. Payment for services will not be made until document is completed and submitted to Engineer. Recording keeping shall be kept up to date at all times and records shall be made available to Engineer at any time.

The Contractor may submit to the Area Engineer, other methods of documenting cleaning progress. The Contractor shall submit alternate documenting methods a minimum of 1 week prior to the preconstruction meeting.

BASIS OF MEASUREMENT AND PAYMENT

All costs for equipment, materials, labor and incidentals to clean/sweep shall be incidental to the contract unit price per site for MISCELLANEOUS WORK. A cleaning/sweeping during the months of April and May shall constitute 1 site payment and the second cleaning/sweeping on September and October shall constitute 1 site payment. The cost for disposal of all refuse materials and debris, including dump fees, shall be included in the contract unit price per site for MISCELLANEOUS WORK.

All costs for shadow vehicles, traffic control signs, arrow boards, flaggers, impact attenuators and other safety devices shall be incidental to the contract lump sum price for TRAFFIC CONTROL, MISCELLANEOUS.