



**Woodland Drive  
7<sup>th</sup> Street East**

**City of Sturgis  
1040 Harley-Davidson Way  
Sturgis, SD 57785**

**Notice for Bids**  
**FOR**  
**Woodland Drive 7<sup>th</sup> Street East**

**City of Sturgis, South Dakota**

Sealed bids will be received by the Finance Office, City of Sturgis, South Dakota, until 2:00 pm, MDT March 28, 2018 at the office of the City of Sturgis, 1040 Harley-Davidson Way, Sturgis, SD 57785, and will be publicly opened and read. All BIDS shall be made on forms provided by the City of Sturgis. Each bid envelope shall contain one Bid only, and be marked with the words, "Sealed Bid- City of Sturgis."

Plans and Specifications may be obtained from the City Engineer at 1040 Harley-Davidson Way, Sturgis, SD 57785 at 605-347-4422 ext 224.

PROJECT DESCRIPTION: The project includes work items and materials to remove the existing chip seal and concrete trail, and to complete a 22 foot wide asphalt road with an approximately 1500 feet 8' wide recreational trail with a concrete surface.

Each bid shall contain a certified check or a cashier's check, for five percent of the amount of the bid. Such check shall be certified or issued by either a state or a national bank and payable to the City of Sturgis. In lieu of a check, a bid may contain a bid bond for ten percent of the amount of the bid. Such bond is to be issued by a surety authorized to do business in South Dakota payable to the City of Sturgis, as a guaranty that the bidder will enter into a contract with the City of Sturgis.

The contract shall be awarded within thirty days of the bid opening by written notice to the lowest responsible and responsive bidder whose bid meets the requirements and criteria. The City of Sturgis may reject any and all bids and re-advertise for bids if none of the bids are satisfactory. The City of Sturgis may waive technical irregularities in the bid of the low bidder which irregularities do not alter the price, quality, or quantity of the services.

City of Sturgis

Publish Dates \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_



**Notice of Award**

**FOR**

**Between**

**Woodland Drive 7<sup>th</sup> Street East**

**City of Sturgis (Owner)**

**1040 Harley-Davidson Way**

**Sturgis, SD 57785**

**And**

**(Contractor)**

**Date**

The City of Sturgis has considered the Bid Proposal submitted by Contractor for the in response to Notice for Bidders, and has accepted your Bid for the amount of \$ .

PROJECT DESCRIPTION: The project includes work items and materials to remove the bituminous road and concrete trail, and to complete a 22 feet wide asphalt road with an approximately 1500 feet long 8' wide concrete recreational trail.

You are required to execute the Contract Agreement and furnish the Performance and Payment Bond and certificates of insurance within ten calendar days from the date of this Notice.

If you fail to execute this Notice of Award and furnish The Performance and Payment Bond, Certificate of Insurance within ten calendar days, the City of Sturgis will consider your Bid abandoned and as a forfeiture of your Bid Bond or Cashier's Check.

You are required to execute and return this Notice of Award.

**City of Sturgis (Owner)**

Authorized Signature \_\_\_\_\_

Printed Name and Title \_\_\_\_\_

Date \_\_\_\_\_

**Contractor**

Authorized Signature \_\_\_\_\_

Printed Name and Title \_\_\_\_\_

Contractor \_\_\_\_\_

Date \_\_\_\_\_

**Contract Agreement**  
**FOR**  
**Woodland Drive 7<sup>th</sup> Street East**

**between**  
**City of Sturgis (Owner)**  
**1040 Harley-Davidson Way**  
**Sturgis, SD 57785**  
**And**  
**(Contractor)**  
**Date**

The Contractor will commence and complete the construction of PROJECT DESCRIPTION: The project includes work items and materials to remove the bituminous road and concrete trail, and to complete a 22 feet wide asphalt road with an approximately 1500 feet long 8' wide concrete recreational trail.

The contractor will furnish all necessary labor, tools, material and equipment and other services necessary for the construction and completion of the project.

**The project (all but seeding) must be completed by July 13, 2018. Liquidated damages begin July 14, 2018 at \$500 /day. Liquidated damages increase to \$1,000 / day beginning August 1, 2018**

The Contractor agrees to perform all the work described in the Contract Documents and comply with the terms for the sum of \$ \_\_\_\_\_ as shown in the Bid Schedule.

The term Contract Documents means and includes the following:

- Notice for Bids
- Addenda #1
- Bidders Proposal
- Bid Schedule
- Bid Bond
- Contract Agreement
- Performance Bond
- EJDC C-700 Standard General Conditions of the Construction Contract (2007)
- Special Provisions
- Drawings
- Notice of award
- Notice to proceed

Change order  
South Dakota Department of Transportation Specifications

The Owner will pay to the Contractor upon completion.

This Contract Agreement will be binding upon both parties.

In witness, the parties have executed this Contract Agreement.

**City of Sturgis (Owner)**

Authorized Signature \_\_\_\_\_

Printed Name and Title \_\_\_\_\_ Daniel Ainslie, City Manager \_\_\_\_\_

Date \_\_\_\_\_

**Contractor**

Authorized Signature \_\_\_\_\_

Printed Name and Title \_\_\_\_\_

Contractor \_\_\_\_\_

Date \_\_\_\_\_

Notary attest

Printed Name \_\_\_\_\_

Date \_\_\_\_\_



**Special Provisions**  
**FOR**  
**Woodland Drive 7<sup>th</sup> Street East**  
**City of Sturgis, South Dakota**

PROJECT DESCRIPTION: The project includes work items and materials to remove the bituminous road and concrete trail, and to complete a 22 feet wide asphalt road with an approximately 1500 feet long 8' wide concrete recreational trail.

Standard Specifications shall be the South Dakota Department of Transportation Standard Specifications for Roads and Bridges, 2015 edition with current updates and revisions as modified herein or within the General Requirements in Division 1 and Contract Documents.

**The project (all but seeding) must be completed by July 13, 2018. Liquidated damages begin July 14, 2018 at \$500 /day. Liquidated damages increase to \$1,000 / day beginning August 1, 2018**

**Submittals**

The Contractor shall submit a list of all subcontractors to City Engineer. Submittals are required for all materials at least 7 days prior to approval. Submittals will be accepted only from the Contractor.

**Payments**

The Contractor may submit invoices whenever convenient. The invoices must be received by the Monday before Council meetings to be approved before payment at the council meeting.

The engineer shall withhold 10% of the invoice until substantial completion which is everything except seeding.

**ITEM 9 MOBILIZATION**

The basis and payment will be per section of 9.10 of SDDOT specs.

**ITEM 634 TRAFFIC CONTROL MISCELLANEOUS**

The basis for payment for all traffic control will meet 635.5 section C of the SDDOT Specs, and meet all MUTCD standards. The contractor shall submit a traffic plan. Woodland Drive may be shut down from 7<sup>th</sup> Street east to west of the RV Park entrance for the entirety of the project. After mobilization and

before demolition begins, the contractor shall place barriers either side to prevent traffic from proceeding through the site.

Indiscriminate driving and parking of vehicles within the ROW will not be permitted. Any damage to the vegetation, surfacing, embankment, from such indiscriminate use shall be repaired and/or restored by the Contractor, at no expense to the City, and to the satisfaction of the Engineer.

**ITEM 734 LOW FLOW SILT FENCE**

After mobilization, and before demolition begins, the contractor shall place silt fence on the channel side to prevent soil or objects from entering the channel. The contractor is not allowed to enter the channel.

The fence shall be kept in a working condition. If necessary the fence shall be repaired and/or restored by the Contractor, at no expense to the City, and to the satisfaction of the Engineer. The fence shall be removed either after seeding or at the direction of the Engineer. The cost of removal shall be incidental to the cost of installation.

**ITEM 734 EROSION CONTROL**

This item will cover any best management practices to ensure the SWPPP intentions are met. The contractor may bill half when existing road and trail removals begin, and half at the end of the project.

**ITEM 100 REMOVE TREE**

There are several trees over 6 inches in diameter that will need to be removed, and will be paid for individually. The stump must be removed as well. The Engineer will mark the trees for removal.

**ITEM 100 CLEARING AND GRUBBING**

All other removals necessary for the work will be paid for under the item Clearing and Grubbing.

No other trees, bushes or stumps are to be removed without Engineer's approval.

Organic materials shall not be used as fill in trenches or embankment. The Contractor shall dispose of all trees, brush, stumps, roots and other remains in a legal manner. Burying or burning of debris on or adjacent to the project shall be prohibited.

Erosion control measures shall be installed and functioning prior to clearing and grubbing.

**ITEM 100 REMOVE ASPHALT**

The current bituminous driving surface which is mainly a chip and seal surface may be cleaned of soil and extraneous material and deposited at the Sturgis Rubble site free of charge.

**ITEM 100 REMOVE CONCRETE TRAIL**

The existing concrete trail must be removed from the west end of the project to a logical joint at approximately station 16+00. The removed concrete may be cleaned of soil and organic material and deposited at the Sturgis Rubble site free of charge. Any existing curb to be removed will be included in this price.

**ITEM 9 CONSTRUCTION STAKING**

The contractor will be responsible for their own staking, if they need it. This item will be paid as single lump sum item.

**ITEM 120 EXCAVATION**

Excavation will meet the requirements of section 120 of SDDOT standard specifications and will be paid for as a lump sum item.

Excavate the existing subgrade to provide for the required depth of aggregate base course and asphalt surfacing or aggregate base course and concrete surfacing.

Dirt which is free of rocks bigger than 1 inch in diameter may be deposited on the adjacent lot as shown in the plans. Rocks bigger than 1 inch and all other material must be disposed of off-site in a legal manner at the contractor's expense.

Water for compaction of subgrade and embankments shall be provided by the contractor and used to maintain soil at or near optimum moisture content to obtain required density. Water shall be incidental to the price of base material.

Compaction of subgrade will be governed by the specified density method. Compaction of embankment shall be no less than 95% of Standard proctor density.

**ITEM 321 - Asphalt**

The type of Asphalt will be Class E, Type 1, PG-22 with up to 15% RAP. The asphalt item is for all work and material (including binder) for placing and rolling the asphalt. The price will be measured by the ton and verified with tickets.

**ITEM 380 - 8" MISCELLANEOUS PAVEMENT**

This item is for all work placing rebar, forming, and placing concrete and finishing per section 380 of the SDDOT specs.

**ITEM 530 RETAINING WALL**

The retaining wall may meet either the requirements of Gravity Segmental Wall or Gravity Large Concrete Block Wall. The contractor shall be responsible for choosing which system from the SDDOT approved products list that they want to use. A geotechnical report is provided. The City requires that the wall design meets the requirements and expectations of the report.

The contractor will provide an independent party test of the compacted soil under the wall footing (a minimum of 2) and a minimum of two soil test for the backfill behind the wall.

The price for square foot of retaining wall will include everything that is necessary to construct the wall, including, but not limited to, engineering, foundation, blocks, drains, testing and backfill.

The blocks may be multiple colors or a single color such as tan, brown, gray or brick red.

### **GRAVITY SEGMENTAL BLOCK RETAINING WALL NOTES**

#### **SPECIFICATIONS**

1. Design Specifications: AASHTO LRFD Bridge Design Specifications, 2014 Edition with 2015 and 2016 Interims.
2. Construction Specifications: South Dakota Standard Specifications for Roads and Bridges, 2015 Edition and Required Provisions, Supplemental Specifications, and Special Provisions as included in the Proposal.

#### **RETAINING WALL**

1. The Gravity Segmental Block Retaining Wall shall be on the current approved products list located at the following website address <http://apps.sd.gov/HC60ApprovedProducts/main.aspx>.
2. The Contractor shall consult with an approved wall manufacturer to obtain construction plans and all the necessary instructions and specifications needed to install the Gravity Segmental Block Retaining Wall. The construction plans shall be forwarded to the City Engineer a minimum of 2 weeks in advance of construction for approval. Construction plans shall include plan and elevation views, typical cross sections, and the quantity of blocks required.
3. After the required excavation has been completed to the leveling pad elevation, the foundation material shall be compacted to provide an adequate foundation for the wall system. Any voids encountered shall be filled and brought up to grade with compacted granular material conforming to the specifications for Aggregate Base Course in Section 882 of the Specifications.
4. A granular leveling pad is required for the gravity segmental block retaining wall system. The minimum embedment depth to the top of the leveling pad shall be 1 foot. The leveling pad shall be constructed using granular material conforming to the specifications for Aggregate Base Course in Section 882 of the Specifications.
5. Drainage fill material for the gravity segmental block wall shall be granular material meeting the criteria as set by the wall block manufacturer.
6. All costs associated with furnishing and installing the wall complete in-place including the construction plans, leveling pad, concrete blocks, granular drainage material, granular material to bring the site up to grade, all excavation, materials, tools, labor, and any other incidentals necessary to build the wall as determined by the wall manufacturer shall be incidental to the contract unit price per square foot for Gravity Segmental Block Wall.

## **GRAVITY LARGE CONCRETE BLOCK RETAINING WALL NOTES**

### **SPECIFICATIONS**

1. Design Specifications: AASHTO LRFD Bridge Design Specifications, 2014 Edition with 2015 and 2016 Interims.
2. Construction Specifications: South Dakota Standard Specifications for Roads and Bridges, 2015 Edition and Required Provisions, Supplemental Specifications, and Special Provisions as included in the Proposal.

### **RETAINING WALL**

1. The Gravity Large Concrete Block Retaining Wall shall be on the current approved products list located at the following website address: <http://apps.sd.gov/HC60ApprovedProducts/main.aspx>.
2. The Contractor shall consult with an approved wall company and obtain design calculations and construction plans prepared by a South Dakota Registered Professional Engineer. Two copies of this data shall be forwarded to the City Engineer a minimum of 2 weeks in advance of construction for approval. Construction plans shall include plan view, elevation view (to include elevations), typical cross sections, foundation and drainage details, material and construction specifications, and a detailed listing of all quantities required for wall construction including concrete retaining wall blocks, excavation, granular backfill and foundation preparation.
3. The minimum embedment depth to the bottom of the wall for gravity large concrete block retaining wall shall be 1.0 ft. (Unless otherwise specified by the Geotechnical Engineering Activity)
4. Construction of the wall shall begin at the lowest course and proceed upwards. The underdrain, if required, shall be placed prior to wall backfill placement. The underdrain shall also be functional to prevent water from backing up into the wall backfill. The lowest course must be placed and backfilled in its entirety prior to construction of any subsequent courses. Backfill placement must be placed in successive horizontal lifts.
5. The retaining wall shall be installed in accordance to the selected wall companies' instructions, specifications, and approved shop drawings.
6. If required or requested, drainage fill material for the gravity large concrete block retaining wall system shall be granular material meeting the criteria as set by the wall block manufacturer and shall be incidental to the bid item "Gravity Large Concrete Block Retaining Wall".
7. Quantities for Gravity Large Concrete Block Wall are for bidding purposes only. Actual quantities for the listed items must be determined from design calculations as incorporated in the shop drawings supplied by the wall designer and will be adjusted accordingly for pay purposes. The various bid items will be full compensation for the construction of the gravity large concrete block wall.

### **UNDERDRAIN**

If an underdrain is recommended by the Geotechnical Engineering Activity, use the following notes.

1. An underdrain system shall be installed behind the wall as shown and detailed on the General Drawing. The underdrain system shall consist of 4" diameter slotted corrugated polyethylene tubing installed behind the wall and 4 inch diameter corrugated polyethylene tubing from the end of the wall to the outlet as shown. Care shall be taken near the ends of the wall to ensure positive drainage.
2. The polyethylene tubing shall conform to Section 990 of the Specifications.
3. All costs involved in furnishing and installing the 4 inch diameter slotted corrugated polyethylene tubing and 4 inch corrugated polyethylene tubing shall be included in the contract unit price for the wall.

#### **ITEM 450 PIPE CULVERT**

Standard Bedding material (type C) shall be considered incidental to the installation of the storm sewer pipe. No separate payment shall be made for standard bedding material.

The contractor shall notify the Engineer upon completion of the culvert work. Inspection of the culvert will be made by the Engineer with the Contractor and all discrepancies will be noted. If deficiencies are identified prior to paving, they shall be corrected prior to placing base material. Final payment will not be made until all discrepancies have been corrected and the culvert work has been given final acceptance.

The plans include placing of the RCP pipe and installing one flared end. The other flared end will be stored at public works or as directed by the engineer.

#### **ITEM 630 W BEAM Guardrail**

The guardrail is to be placed per SDDOT specifications with approved materials. The price is per linear foot. See sheet N1 for details.

#### **ITEM 651 CONCRETE SIDEWALK**

Sidewalks shall be a minimum of 4000 psi concrete. Cross-slopes shall not exceed 2%. Expansion joints shall be spaced at a maximum of 100 feet. Tooled joints shall be a maximum of 8 feet apart.

The Detectable Warning Device will be 2 feet deep by 8 feet wide. The cost of the panels and installation will be incidental to the item "6" Concrete Sidewalk".

The surface of the detectable warning panel should be clean and free of residue before the sidewalk will be accepted.

Joints shall be tooled into the concrete adjacent to the detectable warning panels to alleviate possible corner cracking.

## **SANITARY SEWER**

The specifications for sanitary sewer shall follow the Rapid City Specifications.

The Sturgis Public Works Department must be notified 24 hours in advance of excavating for the sanitary sewer line, and again for connecting to the existing sanitary sewer. Tracing wire will be attached to the lines.

Sanitary sewer manhole lids patching should be patched per Rapid City standard plate 9-7.

## **SEED, FERTILIZER AND COVER**

The contractor must either seed the project by June 3, or seed the project later in the fall with a dormant seed mix.

Initial preparation of newly graded areas for seeding shall be worked to a minimum depth of 6 inches. Every effort shall be made to obtain this depth on the first pass with tillage equipment. The implement used shall be a tool carrier with rigid shanks and sweeps or chisels or a heavy duty disk as appropriate to the conditions. The implement shall have positive means of controlling depth of penetration.

Lumps or clods exposed by the initial pass of tillage equipment over three (3) inches in diameter shall be broken up. The number of additional passes required breaking up lumps or clods shall be kept to a minimum. Working the soil to a fine, pulverized condition shall be avoided.

After seedbed preparation has been completed, the Contractor shall pick up and dispose of all loose stones or boulders having a vertical projection of two (2) inches (or more) above the soil surface. Logs, stumps, brush, weeds, cables, or other foreign material, which might interfere with the proper operation of drills, mowers, or other implements, shall be disposed of by the Contractor.

The Contractor is responsible for smoothing dirt ridges, which result from his operations or from traffic. Such ridges shall be smoothed so they will not interfere with future mowing.

Following completion of seeding operations, foot, vehicular, or equipment traffic over the seeded area shall be kept to a minimum.

Areas damaged from such traffic shall be reworked and reseeded as determined by the Engineer.

The Contractor shall, prior to acceptance of the project, reseed any area on which the original seed has been lost or displaced.

After seed, fertilizer and mulch have been placed, it shall be watered to provide a moist condition through the mulch as well as into the underlying soil bed.

For a period of three weeks after seeding and initial watering, the Contractor shall apply adequate water to insure proper germination of the seed and growth of the grass. The Engineer may waive watering requirements if adequate natural moisture has been present. At the end of the three (3) week watering period, the Engineer will make an inspection to determine if the grass is alive and growing. If seed has

not satisfactorily rooted into the soil and is not alive and growing, the Engineer will determine if new seed and/or additional watering, at the Contractors expense, are required. Replaced seed shall be watered as required for the original.

Seeding will be measured to the nearest square yard. Measurement for fertilizer and mulch will be the same as for the seeding. Tickets indicating the appropriate application rate has been met shall be furnished to the Engineer to verify this area.

Seeding will be paid for at the contract unit price per square yard. This price will be full compensation for the preparation of the seed and for labor, tools, equipment, and incidentals necessary.

Payment for seeding, fertilizing, and mulch will all be included under the same bid item. Water for seeding shall be considered incidental and shall be included in the unit price bid for seeding.

## CHANGE ORDER

Order # \_\_\_\_\_

Date \_\_\_\_\_

Agreement date \_\_\_\_\_

Project Description \_\_\_\_\_

Owner: **City of Sturgis** \_\_\_\_\_

Contractor \_\_\_\_\_

The following changes are made to the CONTRACT DOCUMENTS

1. Change to CONTRACT TIME:

Working day extension \_\_\_\_\_

Justification

The CONTRACT TIME will be (increased) (decreased) by working days.

2. Change to CONTRACT PRICE:

ORIGINAL CONTRACT PRICE \_\_\_\_\_

CURRENT CONTRACT PRICE adjusted by previous change order \_\_\_\_\_

Change to CONTRACT PRICE due to CHANGE ORDER will be (increased) by \$ \_\_\_\_\_

Or (decreased) by \$ \_\_\_\_\_

CONTRACT PRICE including this CHANGE ORDER will be \$ \_\_\_\_\_

Approvals required: Requested by: \_\_\_\_\_

Contractor- print name \_\_\_\_\_

Recommended by: \_\_\_\_\_

Engineer – print name \_\_\_\_\_ Liz Wunderlich, P.E.

Accepted by: \_\_\_\_\_

Owner – Daniel Ainslie, City Manager \_\_\_\_\_