

**SRF SPONSORED PROJECT  
OLD MANS CREEK VEGETATION ESTABLISHMENT  
WILLIAMSBURG, IOWA**

**BID DATE: Thursday, November 7, 2024 @ 12:00 P.M.**

**PLACE FOR CONTRACTORS  
TO SUBMIT BIDS**

Williamsburg City Hall  
Attn: City Clerk  
210 W. State Street, PO Box 596  
Williamsburg, IA 52361

**ADDENDUM NO. B1**  
November 4, 2024

**TO ALL PLANHOLDERS:**

The following changes, clarifications, additions, and/or deletions are hereby made a part of the contract documents for the above-referenced project, as fully and completely as if the same were fully set forth therein. All Bidders submitting a Bid on the above Contract shall carefully read this Addendum and give it consideration in the preparation of their Bid.

This Addendum No. B1 consists of the following:

- Addendum No. B1 pages ADN B1-1 through ADN B1-3

**SPECIFICATIONS**

**1. REFER TO PROPOSAL**

- REVISE** Bid Item No. 2 SEEDING AND MULCHING (MBFM) FOR HYDRAULIC SEEDING (NATIVE GRASS AND FORBS MIX); AC quantity from "1" AC to "1.2" AC.
- REVISE** Bid Item No. 11 MONITORING REPORT; EA quantity from "6" EA to "3" EA.

**2. REFER TO CONTRACT**

- REVISE** Bid Item No. 2 SEEDING AND MULCHING (MBFM) FOR HYDRAULIC SEEDING (NATIVE GRASS AND FORBS MIX); AC quantity from "1" AC to "1.2" AC.
- REVISE** Bid Item No. 11 MONITORING REPORT; EA quantity from "6" EA to "3" EA.

**3. REFER TO ADDITIONAL TECHNICAL SPECIFICATIONS – MAINTENANCE AND MONITORING**

- REVISE** all occurrences in section of "ecologist" to "ecologist or native landscape specialist".

- b. **REVISE** “three full growing seasons” to “three full years” on Page 1, Paragraph 5.
- c. **REMOVE** “at the end of each growing season and” on Page 2, Paragraph 4.

## **PLANS**



### **1. REFER TO SHEET C.01B**

- a. **REVISE** Bid Item No. 2 SEEDING AND MULCHING (MBFM) FOR HYDRAULIC SEEDING (NATIVE GRASS AND FORBS MIX); AC quantity from “1” AC to “1.2” AC.
- b. **REVISE** Bid Alternate 1 Item A LIVE STAKE CUTTINGS, WITH WARRANTY unit from “SY” to “EA”.
- c. **REVISE** Bid Item No. 11 MONITORING REPORT; EA quantity from “6” EA to “3” EA.

## **CLARIFICATIONS**

- 1. The total Engineer’s Opinion of Probable Construction Cost for this project is estimated at \$122,230, including the Base Bid and Bid Alternate 1.
- 2. HR Green can provide CAD design files, upon request, to the awarded Contractor prior to the Pre-Construction Meeting.
- 3. There are two related SRF Sponsored projects in this area that are being consecutively bid. The first project is Old Mans Creek Stream Restoration which consists mostly of grading and temporary seeding/stabilization activities. The second project is Old Mans Creek Vegetation Establishment which consists mostly of permanent vegetation establishment and a maintenance/monitoring period for three (3) years following completion of the site work. Construction of the second project is anticipated to commence following the completion of the first project. A prospective Bidder may bid on one or both projects.
- 4. Refer to ADDITIONAL TECHNICAL SPECIFICATIONS: IOWA RIVER RESTORATION TOOLBOX (IRRT) – PRACTICE #2 (LIVE STAKES) for types of live stakes to be planted for this project. Refer to Sheet U09.B in the plans for live stake spacing.
- 5. Bid Item No. 8 TURF REINFORCED MAT; SY shall be Type 3 complying with SUDAS Section 9040.
- 6. Progress Meetings as described in SPECIAL PROVISIONS Item 17 will occur in monthly intervals when there are construction activities taking place on-site. Following the on-site construction activities, when the three (3) year maintenance/monitoring period begins, Progress Meetings up to two (2) times in an annual period are anticipated.
- 7. In the ADDITIONAL TECHNICAL SPECIFICATIONS – PRACTICE #2 (LIVE STAKES), supplemental excerpts from the Iowa DNR’s River Restoration Toolbox Practice Guide 2 have been provided. In these excerpts, soil testing and soil amendments are described. Soil amendments are not anticipated since the previous project will have eight (8) inches of topsoil spread to finished grade in each of the restoration sites.

All bidders shall acknowledge receipt and acceptance of Addendum No. B1 by signing in the space provided on the Bid Form. Bids submitted without Addendum No. B1 being acknowledged will be considered non-responsive.

 <p>DAVID A. BRAUN 28855 IOWA</p>	<p>I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly licensed Professional Engineer under the laws of the State of Iowa.</p> <p> _____ <b>DAVID A. BRAUN, P.E.</b> License No. <b>28855</b> My renewal date is <b>December 31, 2025.</b> Pages or sheets covered by this seal: _____ _____</p> <p>Date: <u>11-04-2024</u></p>
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DAVID BRAUN, PE  
HR GREEN, INC.  
5525 MERLE HAY ROAD, SUITE 200  
JOHNSTON, IOWA 50131  
PHONE: (515) 657-5280  
[dbraun@hrgreen.com](mailto:dbraun@hrgreen.com)

**END OF ADDENDUM #B1**

**PROPOSAL  
SRF SPONSORED PROJECT  
OLD MANS CREEK VEGETATION ESTABLISHMENT  
WILLIAMSBURG, IOWA**

**PROPOSAL: PART A – SCOPE**

The City of Williamsburg, hereinafter called the “Jurisdiction”, has need of a qualified contractor to complete the work comprising the below referenced improvement. The undersigned Bidder hereby proposes to complete the work comprising the below referenced improvement as specified in the contract documents, which are officially on file with the Jurisdiction, in the office of the City Clerk at the prices hereinafter provided in Part C of the Proposal, for the following described improvements:

**The vegetation establishment of 8 locations along the south bank of Old Man’s Creek totaling a length of approximately 2,900 feet. Installation includes turf reinforced mats, rolled erosion control product, and seeding. Monitoring and maintenance activities are included and to follow the vegetation establishment.**

**PROPOSAL: PART B – ACKNOWLEDGMENT OF ADDENDA**

The Bidder hereby acknowledges that all addenda become a part of the contract documents when issued, and that each such addendum has been received and utilized in the preparation of this bid. The Bidder hereby acknowledges receipt of the following addenda by inserting the number of each addendum in the blanks below and certifies that said addenda were utilized in the preparation of this bid.

ADDENDUM NUMBER \_\_\_\_\_ ADDENDUM NUMBER \_\_\_\_\_

ADDENDUM NUMBER \_\_\_\_\_ ADDENDUM NUMBER \_\_\_\_\_

**PROPOSAL: PART C – BID ITEMS, QUANTITIES AND PRICES**

**UNIT BID PRICE CONTRACTS:** The Bidder must provide the Unit Bid Price, the Total Bid Price, any Alternate Prices and the Total Construction Costs on the Proposal Attachment: Part C – Bid Items, Quantities, and Prices. In case of discrepancy, the Unit Bid Price governs. The quantities shown on the Proposal Attachment: Part C – Bid Items, Quantities and Prices are approximate only, but are considered sufficiently adequate for the purpose of comparing bids. The Jurisdiction shall only use the Total Construction Cost for comparison of the bids. The Total Construction Cost, including any Add-Alternates shall be used for determining the sufficiency of the bid security.

**BASE BID CONTRACTS:** The bidder must provide any Bid Prices, and alternate Prices, and the Total of the Base Bid plus any Add-alternates on the Proposal Attachment: Part C-Bid Items, Quantities, and the Prices. The Jurisdiction shall only use the Total Construction Cost for comparison of the bids. The Total Construction Cost, including any Add-Alternates shall be used for determining the sufficiency of the bid security.

**PROPOSAL: PART D – GENERAL**

The Bidder hereby acknowledges that the Jurisdiction, in advertising for bids for this project reserves the right to:

1. Reject any or all bids. Award of the contract, if any, to be to the lowest responsible, responsive bidder; and
2. Reject any or all alternates in determining the items to be included in the contract. Designation of the lowest responsible, responsive bidder to be based on the comparison of the total bid only, not including any alternates; and
3. Make such alterations in the documents or in the proposal quantities as it determines necessary in accordance with the contract documents after execution of the contract. Such alterations shall not be considered a waiver of any conditions of the contract documents, and shall not invalidate any of the provisions thereof; and

The Bidder hereby agrees to:

1. Enter into a contract, if this proposal is selected, in the form approved by the Jurisdiction, provide proof of registration with the Iowa Division of Labor in accordance with Chapter 91C of the Iowa Code, and furnish a performance, maintenance, and payment bond; and
2. Forfeit bid security, not as a penalty but as liquidated damages, upon failure to enter into such contract and/or furnish said bond; and
3. Commence the work on this project within 10 days of the date specified on the Notice to Proceed; and
4. Substantially complete the project on or before April 14, 2028; and
5. Fully complete the project on or before April 28, 2028; and Specifier Note: Must be edited specific to each project
6. Pay liquidated damages for noncompliance with said completion provisions at the rate of Five Hundred & 00/100 Dollars (\$500.00) for each calendar day thereafter the work remains incomplete.

**PROPOSAL: PART E – NON-COLLUSION AFFIDAVIT**

The Bidder hereby certifies:

1. That this proposal is not affected by, contingent on, or dependent on any other proposal submitted for any improvement with the Jurisdiction; and
2. That no individual employed by the Bidder has employed any person to solicit or procure the work on this project, nor will any employee of the Bidder make any payment or agreement for payment of any compensation in connection with the procurement of this project; and
3. That no part of the bid price received by the Bidder was or will be paid to any person, corporation, firm, association, or other organization for soliciting the bid, other than the payment of their normal compensation to persons regularly employed by the Bidder whose services in connection with the construction of the project were in the regular course of their duties for the Bidder; and
4. That this proposal is genuine and not collusive or sham; that the Bidder has not colluded, conspired, connived or agreed, directly or indirectly, with any bidder or person, to submit a sham bid or to refrain from bidding, and has not in any manner, directly or indirectly, sought, by agreement or collusion, or communication or conference, with any person, to fix the bid

price of the Bidder or of any other bidder, and that all statements in this proposal are true; and

- 5. That the individual(s) executing this proposal have the authority to execute this proposal on behalf of the Bidder.

**PROPOSAL: PART F – ADDITIONAL REQUIREMENTS**

The Bidder hereby agrees to comply with the additional requirements listed below which are included in this proposal and identified as proposal attachments:

ITEM NO.	DESCRIPTION OF ATTACHMENT
1.	Bidder Status Form and Worksheet: Authorization to Transact Business
2.	SRF Required Front-End Attachments 1, 2, 3, 4, and 5

**PROPOSAL: PART G – IDENTITY OF BIDDER**

The Bidder shall indicate whether the bid is Submitted by a/an:

Individual, Sole Proprietorship \_\_\_\_\_ Bidder

Partnership \_\_\_\_\_

Corporation \_\_\_\_\_ Signature

Joint-venture: all parties must join-in and execute all documents By \_\_\_\_\_ Name (Print/Type)

Other \_\_\_\_\_ Title

The Bidder shall enter its Public Registration Number \_\_\_\_\_ - \_\_\_\_\_ issued By the Iowa Commissioner of Labor Pursuant Section 91C.5 of the Iowa Code.

\_\_\_\_\_ Street Address

\_\_\_\_\_ City, State, Zip Code

\_\_\_\_\_ Telephone Number

NOTE: The signature on this proposal must be an original signature in ink; copies or facsimile of any signature will not be accepted.

Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_.

HR Green, Inc.  
Project No. 191375.03

SRF Sponsored Project  
Old Mans Creek Vegetation Establishment  
Williamsburg, Iowa

Notary Public in and for

State of \_\_\_\_\_

County of \_\_\_\_\_

My commission expires \_\_\_\_\_

**PROPOSAL  
SRF SPONSORED PROJECT  
OLD MANS CREEK VEGETATION ESTABLISHMENT  
WILLIAMSBURG, IOWA**

**PROPOSAL ATTACHMENT: PART C – BID ITEMS, QUANTITIES AND PRICES**

This is a UNIT BID PRICE CONTRACT. The bidder must provide the Unit Bid Price, the Total Bid Price, and the Total Construction Cost; in case of discrepancy, the Unit Bid Price governs. The quantities shown on the Proposal Attachment: Part C – Bid Items, Quantities and Prices are approximately only, but are considered sufficiently adequate for the purpose of comparing bids. The Jurisdiction shall only use the Total Construction Cost for comparison of bids.

**BASE BID ITEMS**

<b>ITEM NO.</b>		<b>UNIT</b>	<b>QUANTITY</b>	<b>UNIT PRICE</b>	<b>TOTAL</b>
1.	SEEDING AND MULCHING (MBFM) FOR HYDRAULIC SEEDING (WETLAND MIX)	AC	1	\$	\$
2.	SEEDING AND MULCHING (MBFM) FOR HYDRAULIC SEEDING (NATIVE GRASS AND FORBS MIX)	AC	1.2		
3.	WATERING, SEEDING	LS	1		
4.	WARRANTY, SEEDING	LS	1		
5.	SWPPP PREPARATION	LS	1		
6.	SWPPP MANAGEMENT	LS	1		
7.	TEMPORARY ROLLED EROSION CONTROL PRODUCT, TYPE 2C, NATURAL FIBER ONLY	SY	3,006		
8.	TURF REINFORCED MAT	SY	3,300		
9.	MOBILIZATION	LS	1		
10.	VEGETATION MAINTENANCE	YEAR	3		
11.	MONITORING REPORT	EA	3		
<b>TOTAL (BASE BID, ITEMS 1 – 11)</b>					<b>\$</b>

**BID ALTERNATE 1 ITEMS**

<b>ITEM NO.</b>		<b>UNIT</b>	<b>QUANTITY</b>	<b>UNIT PRICE</b>	<b>TOTAL</b>
A.	LIVE STAKES	EA	2,650	\$	\$
<b>TOTAL (BID ALT. 1, ITEM A)</b>					<b>\$</b>



HR Green, Inc.  
Project No. 191375.03

SRF Sponsored Project  
Old Mans Creek Vegetation Establishment  
Williamsburg, Iowa

NOTE: IT IS UNDERSTOOD THAT THE ABOVE QUANTITIES ARE ESTIMATED FOR THE PURPOSE OF THIS BID. ALL QUANTITIES ARE SUBJECT TO REVISION BY THE CITY. QUANTITY CHANGES WHICH AMOUNT TO TWENTY (20) PERCENT OR LESS OF THE TOTAL BID SHALL NOT AFFECT THE UNIT PRICE BID.

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Bidder

HR Green, Inc.  
Project No. 191375.03

SRF Sponsored Project  
Old Mans Creek Vegetation Establishment  
Williamsburg, Iowa

**CONTRACT  
SRF SPONSORED PROJECT  
OLD MANS CREEK VEGETATION ESTABLISHMENT  
WILLIAMSBURG, IOWA**

THIS CONTRACT, made and entered into this \_\_\_\_\_ day of \_\_\_\_\_, 2025, by and between the City of Williamsburg by its Mayor, upon order of its City Council hereinafter called the "Jurisdiction", and , hereinafter called the "Contractor".

WITNESSETH:

The Contractor hereby agrees to complete the work comprising the below referenced improvement as specified in the contract documents, which are officially on file with the Jurisdiction, in the office of the City Clerk. This contract includes all contract documents. The work under this contract shall be constructed in accordance with the latest Edition of the Urban Standard Specifications for Public Improvements, as further modified by the supplemental specifications and special provisions included in said contract documents, and the Contract Attachment, which is attached hereto. The Contractor further agrees to complete the work in strict accordance with said contract documents, and guarantee the work as required by law, for the time required in said contract documents, after its acceptance by the Jurisdiction.

This contract is awarded and executed for completion of the work specified in the contract documents for the bid prices shown on the Contract Attachment: Bid Items, Quantities and Prices which were proposed by the Contractor in its proposal submitted in accordance with Notice to Bidders and Notice of Public Hearing for the following described improvements:

The vegetation establishment of 8 locations along the south bank of Old Man's Creek totaling a length of approximately 2,900 feet. Installation includes turf reinforced mats, rolled erosion control product, and seeding. Monitoring and maintenance activities are included and to follow the vegetation establishment.

The Contractor agrees to perform said work for and in consideration of the Jurisdiction's payment of the bid amount of \_\_\_\_\_ dollars (\$), which amount shall constitute the required amount of the performance, maintenance, and payment bond. The Contractor hereby agrees to commence work under this contract within 10 days of the date specified on the Notice to Proceed, work shall be substantially complete on or before April 14, 2028, and shall be fully completed on or before April 28, 2028, and to pay liquidated damages for noncompliance with said completion provisions at a rate of Five Hundred & 00/100 Dollars (\$500.00) dollars for each calendar day that the work remains incomplete.

HR Green, Inc.  
Project No. 191375.03

SRF Sponsored Project  
Old Mans Creek Vegetation Establishment  
Williamsburg, Iowa

IN WITNESS WHEREOF, the Parties hereto have executed this instrument, in triplicate on the date first shown written.

JURISDICTION: City of Williamsburg

CONTRACTOR:

By \_\_\_\_\_  
Adam Grier, Mayor

(Seal)  
ATTEST:

By \_\_\_\_\_

\_\_\_\_\_  
Niki Osweiler, City Clerk

\_\_\_\_\_  
Print Name, Title

\_\_\_\_\_  
Street Address

\_\_\_\_\_  
City, State, Zip Code

\_\_\_\_\_  
Telephone

CONTRACTOR PUBLIC REGISTRATION INFORMATION To Be Provided By:

1. All Contractors: The Contractor shall enter its Public Registration No. \_\_\_\_\_ issued by the Iowa Commissioner of Labor pursuant to Section 91C.5 of the Iowa Code.
2. Out-of-State Contractors:
  - A. Pursuant to Section 91C.7 of the Iowa Code, an out-of-state contractor, before commencing a contract in excess of five thousand dollars in value in Iowa, shall file a bond with the division of labor services of the department of workforce development. The contractor should contact 515-242-5871 for further information. Prior to contract execution, the Engineer may forward a copy of this contract to the Iowa Department of Workforce Development as notification of pending construction work. It is the contractor's responsibility to comply with said Section 91C.7 before commencing this work.



**CONTRACT ATTACHMENT: ITEM 2: BID ITEMS, QUANTITIES**

THIS CONTRACT IS AWARDED AND EXECUTED FOR COMPLETION OF THE WORK SPECIFIED IN THE CONTRACT DOCUMENTS FOR THE BID PRICES TABULATED BELOW AS PROPOSED BY THE CONTRACTOR IN ITS PROPOSAL SUBMITTED IN ACCORDANCE WITH NOTICE TO BIDDERS AND NOTICE OF PUBLIC HEARING. ALL QUANTITIES ARE SUBJECT TO REVISION BY THE JURISDICTION. BASED ON BIDS RECEIVED, THE CITY RESERVES THE RIGHT TO ADJUST QUANTITIES AS NECESSARY TO MAXIMIZE FUNDS BUDGETED FOR THIS PROJECT.

**BASE BID ITEMS**

<b>ITEM NO.</b>		<b>UNIT</b>	<b>QUANTITY</b>	<b>UNIT PRICE</b>	<b>TOTAL</b>
1.	SEEDING AND MULCHING (MBFM) FOR HYDRAULIC SEEDING (WETLAND MIX)	AC	1	\$	\$
2.	SEEDING AND MULCHING (MBFM) FOR HYDRAULIC SEEDING (NATIVE GRASS AND FORBS MIX)	AC	1.2		
3.	WATERING, SEEDING	LS	1		
4.	WARRANTY, SEEDING	LS	1		
5.	SWPPP PREPARATION	LS	1		
6.	SWPPP MANAGEMENT	LS	1		
7.	TEMPORARY ROLLED EROSION CONTROL PRODUCT, TYPE 2C, NATURAL FIBER ONLY	SY	3,006		
8.	TURF REINFORCED MAT	SY	3,300		
9.	MOBILIZATION	LS	1		
10.	VEGETATION MAINTENANCE	YEAR	3		
11.	MONITORING REPORT	EA	3		
<b>TOTAL (BASE BID, ITEMS 1 – 11)</b>					

**BID ALTERNATE 1 ITEMS**

<b>ITEM NO.</b>		<b>UNIT</b>	<b>QUANTITY</b>	<b>UNIT PRICE</b>	<b>TOTAL</b>
A.	LIVE STAKES	EA	2,650	\$	\$
<b>TOTAL (BID ALT 1, ITEM A)</b>					<b>\$</b>

**ADDITIONAL TECHNICAL SPECIFICATIONS:  
MAINTENANCE AND MONITORING**

Method of Measurement.

This work shall be measured for payment per YEAR.

Basis of Payment.

This work shall be paid for at the contract unit price per YEAR for VEGETATION MAINTENANCE which price shall include all mobilization, inspection overseen by ecologist or native landscape specialist, reporting, machinery, weeding/herbicide, permitting, labor, equipment, interseeding and all associated items as described above. The area of management will include the entire project area including areas restored by the Contractor.

Description.

The items outlined in this specification are recommendations for achieving a successful establishment and management of the native vegetation. All maintenance activities performed within the stream and native landscaped areas must be completed by or under the supervision of a degreed ecologist or native landscape specialist who is knowledgeable and experienced in stream restoration and establishment and maintenance of native landscapes. The Contractor shall provide the name and credentials of the supervising degreed ecologist or native landscape specialist to the City at the beginning of the project. The City reserves the right to hire an ecologist or native landscape specialist of their choosing to inspect the site and provide a required maintenance plan to the contractor's ecologist or native landscape specialist. The City's recommendations shall supersede the recommendations from the Contractor's ecologist or native landscape specialist.

This section includes the preferred management schedule and performance standards for all vegetation establishment for three years following initial installation. This pay item includes the areas restored by the Contractor identified on the plans. This section is related to the SEEDING – WETLAND MIX, and SEEDING - NATIVE GRASS AND FORBS (WILDFLOWER) MIX

Regular monitoring of all native plant communities shall be conducted by the Contractor's ecologist or native landscape specialist for three full years following initial implementation. The City's ecologist, native landscape specialist or representative shall review all recommendations prior to implementing any work. Contractor shall be responsible for implementing the maintenance practices recommended based on these inspections and based on the City's ecologist's or native landscape specialist's direction. All labor and materials necessary for inspection and implementation of maintenance shall be included in this item.

Materials and Products.

The site visits each year shall be conducted between June 1 and September 30. Each visit shall be conducted by a qualified professional with adequate plant identification skills and who is also able to make recommendations regarding management of native plant communities and stream structure maintenance. The site inspector shall collaborate over the needed maintenance

requirements for a given year with the City of Williamsburg and the Engineer.

The vegetation monitoring shall be conducted using the “meander search” method. Note that the floristic quality calculations are not required as part of this monitoring. The meander search must capture the following information:

1. dominant vegetation (native vs. non-native) within each plant community,
2. the approximate percent vegetative coverage by native and non-native species within each plant community,
3. a species list for each plant community that can be compared to installed plant lists, and
4. to make recommendations related to site management to meet performance standards.

Representative photographs of the restored native plant communities and stream stabilization structures shall be taken to document the site conditions through time.

Areas of planting failure will need to be replanted. Contractor shall identify the areas of failure with the Owner and determine the reason for failure. Replanting (if not due to vandalism or reasons not identified in the site work planting specifications) shall be done by the Contractor as part of the site work tasks. Other planting failure areas will be replanted by Contractor as extra work authorized in writing by the Owner prior to commencement of the construction.

An annual letter report shall be prepared and submitted to the City no later than December 31 of each monitoring year. The report shall identify management recommendations and services that have been conducted throughout the growing season and outline future management recommendations. The report shall include a section that addresses the required performance standards included in the plan/specifications. Site photographs shall be included in the report to document the site conditions.

The performance standards for all native plant communities following initial installation is as follows. Please reference the attached Stream Corridor Stabilization and Native Prairie Establishment Maintenance Guides for the preferred management schedule.

### Performance Standards.

#### *Seeding -*

The Contractor shall guarantee seeded and/or planted areas will meet or exceed the following performance criteria three full growing seasons after provisional acceptance. 80% total (aerial) plant cover and at least 60% relative cover by seeded and/or planted native species in each plant community. In addition, non-native and/or invasive native species shall collectively not comprise greater than 10% relative cover in each plant community. Opportunistic invasive/non-native shrubs and trees shall not exceed 5% of any plant community. This will be assessed in the field by using a meandering search. A list of invasive/non-native species include the following, as indicated by the Iowa DNR's [Forest Invasive Species Guide](#):

HR Green, Inc.  
Project No. 191375.03

SRF Sponsored Project  
Old Mans Creek Vegetation Establishment  
Williamsburg, Iowa

- Autumn olive
- Bull thistle
- Canada thistle
- Cheatgrass
- Chinese elm
- Common buckthorn
- Common burdock
- Common teasel
- Crown vetch
- Dame's rocket
- Exotic bush honeysuckle
- Garlic mustard
- Giant hogweed
- Honeysuckle
- Japanese barberry
- Japanese knotweed
- Knapweed
- Kudzu
- Leafy spurge
- Multiflora rose
- Musk thistle
- Oriental bittersweet
- Privets
- Queen Anne's lace
- Reed canary grass
- Russian olive
- Sericea lespedeza
- Siberian elm
- Spotted knapweed
- Tree of heaven
- Velvet leaf
- White mulberry
- Winged burning bush
- Winged euonymus
- Yellow starthistle

Further, there shall be no plants from the Iowa Noxious Weed list specified in Chapter 317 of the Iowa Code at the end of the three-year maintenance period.



ITEM NUMBER	ITEM CODE	BID ITEM (BASE BID)	UNITS	QUANTITY
DIVISION 9 - SITE WORK AND LANDSCAPING				
1	9010-A	SEEDING AND MULCHING (MBFM) FOR HYDRAULIC SEEDING (WETLAND MIX)	AC	1
2	9010-A	SEEDING AND MULCHING (MBFM) FOR HYDRAULIC SEEDING (NATIVE GRASS AND FORBS MIX)	AC	1.2
3	9010-D	WATERING, SEEDING	LS	1
4	9010-E	WARRANTY, SEEDING	LS	1
5	9040-A-1	SWPPP PREPARATION	LS	1
6	9040-A-2	SWPPP MANAGEMENT	LS	1
7	9040-E	TEMPORARY ROLLED EROSION CONTROL PRODUCT, TYPE 2C. NATURAL FIBER ONLY	SY	3006
8	9040-R	TURF REINFORCED MAT	SY	3300
DIVISION 11 - MISCELLANEOUS				
9	11020-A	MOBILIZATION	LS	1
DIVISION 12 - SPECIALTY ITEMS				
10	SPECIAL	VEGETATION MAINTENANCE	YEAR	3
11	SPECIAL	MONITORING REPORT	EA	3
ITEM NUMBER	ITEM CODE	BID ITEM (BID ALTERNATE 1)	UNITS	QUANTITY
BID ALTERNATE 1				
A	9030-B	LIVE STAKE CUTTINGS, WITH WARRANTY	EA	2650

BID SET

DRAWN BY: DAB      JOB DATE: 2024  
APPROVED: DAB      JOB NUMBER: 191375.03  
CAD DATE: 10/16/2024 9:30:35 AM  
CAD FILE: J:\2019\191375.03\CAD\Dwgs\C\C.01B QUANTITIES.dwg

BAR IS ONE INCH ON OFFICIAL DRAWINGS.  
0 [ ] 1"  
IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.

NO.	DATE	BY	REVISION DESCRIPTION
B1	11-04-2024	DAB	ADDENDUM B1



OLD MANS CREEK VEGETATION ESTABLISHMENT  
CITY OF WILLIAMSBURG, IA  
WILLIAMSBURG, IA

QUANTITIES AND GENERAL INFORMATION  
QUANTITIES

SHEET NO.  
C.01B

Xrefis: xgt-1-dh01