Specification No.	

# SPECIFICATIONS FOR

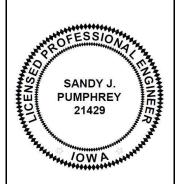
# HARRINGTON PARK (PROJECT C) SRF SPONSORED PROJECT CITY OF NEVADA, IOWA

(SUDAS SPECIFICATIONS - 2023 EDITION)

HR Green, Inc. Project No. 191900.03C

# OWNERSHIP OF DOCUMENT

This document, and the ideas and designs incorporated herein, as an instrument of professional service, is the property of HR Green, Inc. and is not to be used, in whole or in part, for any other project without the written authorization of HR Green, Inc.



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.

Date:

3/15/2024

SANDY JAMES PUMPHREY, P.E.

License No. 21429

My renewal date is December 31, 2024.

Pages or sheets covered by this seal:

Sections 1 and 2 as listed in the table of contents of this project manual.

# SPECIFICATIONS FOR HARRINGTON PARK (PROJECT C) SRF SPONSORED PROJECT CITY OF NEVADA, IOWA

# **TABLE OF CONTENTS**

#### 1. GENERAL REQUIREMENTS OF THE CONTRACT

- a. NOTICE OF PUBLIC HEARING
- b. NOTICE TO BIDDERS
- c. INSTRUCTIONS TO BIDDERS
- d. PROPOSAL
- e. BID BOND
- f. CONTRACT
- g. PERFORMANCE, PAYMENT AND MAINTENANCE BOND

# 2. SPECIAL PROVISIONS

#### 3. ADDITIONAL TECHNICAL SPECIFICATIONS

a. SRF REQUIRED FRONT-END SPECIFICATIONS

This project is based on 2023 Edition of The SUDAS Standard Specifications unless modified herein, and is included in this contract by reference only. All provisions are to be followed, under this contract.

#### 4. ADDITIONAL INFORMATION

- a. USACE PERMIT
- b. GEOTECHNICAL REPORT

TABLE OF CONTENTS - i -

HARRINGTON PARK (PROJECT C) SRF SPONSORED PROJECT CITY OF NEVADA, IOWA

# NOTICE OF PUBLIC HEARING ON PROPOSED PLANS AND SPECIFICATIONS, FORM OF CONTRACT AND ESTIMATE OF COST FOR THE HARRINGTON PARK (PROJECT C) SRF SPONSORED PROJECT CITY OF NEVADA, IOWA

Notice is Hereby Given: That at 06.00 PM, at the City Hall, Council Chambers, 1209 6th Street, Nevada, IA 50201 on April 8, 2024, the City Council of the City of Nevada, Iowa (The "City") will hold a public hearing on the proposed plans and specifications, form of contract and estimate of cost (the "Contract Documents") for the proposed Harrington Park (Project C) (the "Project").

The Project shall consist of:

Formation of a constructed wetland

A copy of the proposed Contract Documents is on file for public inspection in the office of the City Clerk.

At said hearing any interested person may file written objections or present oral comments with respect to the subject matter of the hearing.

Kerin Wright City Clerk		

# NOTICE TO BIDDERS HARRINGTON PARK (PROJECT C) SRF SPONSORED PROJECT CITY OF NEVADA, IOWA

<u>Time and Place for Filing Sealed Proposals.</u> Sealed bids for the work comprising the improvement as stated below must be filed before 3:00 PM on April 10, 2024 in the office of the City Clerk, City Hall, 1209 6th Street, Nevada, IA 50201.

<u>Time and Place Sealed Proposals Will be Opened and Considered.</u> Sealed proposals will be opened and bids tabulated at 3:00 PM on April 10, 2024 in the office of City Clerk, City Hall, 1209 6th Street, Nevada, IA 50201 for consideration by the City Council of City of Nevada, Iowa at its meeting on April 22, 2024 at 06.00 PM. The City of Nevada, Iowa reserves the right to reject any and all bids.

The City of Nevada, Iowa, in accordance with Title VI of the Civil Rights Act of 1964, 78 Stat. 252, 42U.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 ensure 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, or national origin in consideration for an award.

<u>Time for Commencement and Completion of Work.</u> Work on the improvement shall commence within 10 days of the date specified on the Notice to Proceed. Notice to Proceed shall be no later than June 3, 2024, work shall be substantially complete on or before December 31, 2024, and shall be fully completed on or before March 31, 2025. Damages in the amount of \$1,000 per day will be assessed for each day the work remains incomplete.

<u>Bid Security.</u> Each bidder shall accompany its bid with bid security, as defined in Section 26.8 of the Iowa Code in an amount equal to 5% percent of the total amount of the bid.

<u>Contract Documents.</u> Copies of the Plans and Specifications for this project may be obtained from HR Green, Inc., 8710 Earhart Lane SW Cedar Rapids, IA 52404, Ph: 319-841-4000 or e-mail request to kslaymaker@hrgreen.com. Plans and Specifications are available at no cost

<u>Public Hearing on Proposed Contract Documents and Estimated Costs for Improvement.</u> A public hearing will be held by the City Council of the City of Nevada, Iowa on the proposed contract documents (plans, specifications and form of contract) and estimated cost for the improvement at its meeting at 06.00 PM on April 8, 2024 in the City Hall, Council Chambers, 1209 6th Street, Nevada, IA 50201.

<u>Preference of Products and Labor.</u> Preference shall be given to domestic construction materials by the contractor, subcontractors, material, men, and suppliers in performance of the contract and, further, by virtue of statutory authority, preference will be given to products and provisions grown and coal produced within the State of Iowa, and to Iowa domestic labor, to the extent lawfully required under Iowa statues.

<u>Sales Tax Exemption Certificates.</u> The bidder shall not include sales tax in the bid. The City of Nevada, lowa will distribute tax exemption certificates and authorization letters to the Contractor and all subcontractors who are identified. The Contractor and subcontractor may make copies of the tax exemption certificates and provide a copy to each supplier providing construction materials. These tax exemption

NOTICE TO BIDDERS - 1 -

HARRINGTON PARK (PROJECT C) SRF SPONSORED PROJECT CITY OF NEVADA, IOWA

certificates and authorization letters are applicable only for this specific project under the Contract.

General Nature of Public Improvement. Formation of a constructed wetland

This Notice is given by authority of the City of Nevada, Iowa

Kerin Wright, City Clerk
City of Nevada, Iowa

NOTICE TO BIDDERS - 2 -

# INSTRUCTIONS TO BIDDERS HARRINGTON PARK (PROJECT C) SRF SPONSORED PROJECT CITY OF NEVADA, IOWA

The work comprising the above referenced project shall be constructed in accordance with the 2023 Edition of the SUDAS Standard Specifications Manual. The terms used in the contract version of the documents are defined in said Standard Specifications. Before submitting your bid, please review the requirements of Division One, General Provisions and Covenants. Please be certain that all documents have been completed properly, as failure to complete and sign all documents and to comply with the requirements listed below can cause your bid not to be read.

#### I. BID SECURITY

- A. The bid security must be in the minimum amount of 5% percent of the total bid amount including all add alternates (do not deduct the amount of deduct alternates). Bid security shall be in the form of a cashier's check, a certified check, or a bank money order drawn on a FDIC insured bank in lowa or drawn on a FDIC insured bank chartered under the laws of the United States; or a certified share draft drawn on a credit union in lowa or chartered under the laws of the United States; or a bid bond executed by a corporation authorized to contract as a surety in lowa or satisfactory to the Jurisdiction.
- B. The bid bond must be submitted on the SUDAS Bid Bond form as no other bid bond forms are acceptable. All signatures on the bid bond must be original signatures in ink; facsimile (fax) of any signature on the bid bond is not acceptable.
- C. Bid security other than said bid bond shall be in accordance with Chapter 26 of the Iowa Code.

# II. SUBMISSION OF THE PROPOSAL AND IDENTITY OF BIDDER

- A. The proposal shall be sealed in an envelope, properly identified as the Proposal with the project title and the name and address of the bidder, and deposited with the Jurisdiction at or before the time and at the place provided in the Notice to Bidders. It is the sole responsibility of the bidder to see that its proposal is delivered to the Jurisdiction prior to the time for opening bids, along with the appropriate bid security sealed in the separate envelope identified as Bid Security and attached to the outside of the bid proposal envelope. Any proposal received after the scheduled time for the receiving of proposals will be returned to the bidder unopened and will not be considered.
- B. The Bidder Status Form is required by the Iowa Labor Commissioner, pursuant to Iowa Administrative Code rule 875-156.2(1). The bidder must complete the form and submit it with the proposal. Failure to provide the Bidder Status Form with the bid may result in the bid being deemed non-responsive and may result in the bid being rejected. If the bidder does not qualify as a resident bidder, the nonresident bidder shall specify on the Bidder Status Form whether any preference to resident bidders, including but not limited to any preference to bidders, the imposition of any type of labor force preference, or any other form of preferential treatment to bidders or laborers from that state or foreign country is in effect in the nonresident bidder's state or country of domicile at the time of a bid submittal. Application of the preference against a non-

resident bidder shall be in accordance with the information filed with the Proposal on the Bidder Status Form.

- C. The following documents shall be completed, signed and returned in the Proposal envelope. The bid cannot be read if any of these documents are omitted from the Proposal envelope.
  - 1. PROPOSAL Complete each of the following parts:
    - Part B Acknowledgment of Addenda, if any have been issued;
    - Part C Bid Items, Quantities and Prices;
    - Part F Additional Requirements;
    - Part G Identity of Bidder;

The following documents which are proposal attachments must be completed and attached:

#### ITEM NO. DESCRIPTION OF ATTACHMENT

- 1. Bidder Status Form and Worksheet: Authorization to Transact Business
- 2. Section 00430 Bid Bond (Submitted in Separate Sealed Envelope)
- 3. SRF Attachments 1, 2, & 5

Sign the proposal; and have the signature notarized. The signature on the proposal and all proposal attachments must be an original signature in ink signed by the same individual who is the Company Owner or an authorized Officer of the Company; copies or facsimile of any signature will not be accepted.

The following documents must be submitted as printed. No alterations, additions, or deletions are permitted. If the Bidder notes a requirement in the contract documents which the Bidder believes will require a conditioned or unsolicited alternate bid, the Bidder must immediately notify the Jurisdictional Engineer in writing. The Jurisdictional Engineer will issue any necessary interpretation by an addendum.

HARRINGTON PARK (PROJECT C) SRF SPONSORED PROJECT CITY OF NEVADA, IOWA

# PROPOSAL HARRINGTON PARK (PROJECT C) SRF SPONSORED PROJECT CITY OF NEVADA, IOWA

PROPOSAL: PART A - SCOPE

The City of Nevada, Iowa, 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:

## Formation of a constructed wetland

#### 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 - 1 -

#### 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
- 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 December 31, 2024; and
- 5. Fully complete the project on or before March 31, 2025.
- 6. Pay liquidated damages for noncompliance with said completion provisions at the rate of \$1,000 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,

PROPOSAL - 2 -

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.

The Bidder shall indicate whether the bid is

#### **DESCRIPTION OF ATTACHMENT**

- 1. Bidder Status Form and Worksheet: Authorization to Transact Business
- 2. Section 00430 Bid Bond (Submitted in Separate Sealed Envelope)
- 3. SRF Attachments 1, 2, & 5

# PROPOSAL: PART G - IDENTITY OF BIDDER

Subn	nitted by a/an:	
	Individual, Sole Proprietorship	
	Partnership	Bidder
	Corporation	Signature
	Joint-venture: all parties must join-in and By execute all documents	Name (Print/Type)
	Other	Title
Num By th	Bidder shall enter its Public Registration ber issued le lowa Commissioner of Labor Pursuant on 91C.5 of the lowa Code.	Street Address
		City, State, Zip Code
		Telephone Number
N	OTE: The signature on this proposal must be an o signature will not be accepted.	original signature in ink; copies or facsimile of any
Subs	cribed and sworn to before me this d	ay of, 20

PROPOSAL - 3 -

HARRINGTON PARK (PROJECT C) SRF SPONSORED PROJECT CITY OF NEVADA, IOWA

	Notary Public in and for
State of County of	
My commi	ission expires

PROPOSAL - 4 -

# PROPOSAL HARRINGTON PARK (PROJECT C) SRF SPONSORED PROJECT CITY OF NEVADA, 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.

ITEM NO.		UNIT	QUANTITY	UNIT PRICE	TOTAL
1.	MOBILIZATION	LS	1	\$	\$
2.	CONSTRUCTION SURVEY	LS	1	\$	\$
3.	COMPACTION TESTING	LS	1	\$	\$
4.	EXCAVATION, CLASS 13	CY	14,759	\$	\$
5.	TOPSOIL, ONSITE, STRIP, SALVAGE, AND SPREAD, 8 INCHES	CY	7,190	\$	\$
6.	CLEARING AND GRUBBING	LS	1	\$	\$
7.	INTAKE ADJUSTMENT MINOR	EA	1	\$	\$
8.	INTAKE ADJUSTMENT MAJOR	EA	1	\$	\$
9.	TRAFFIC CONTROL	LS	1	\$	\$
10.	SEEDING AND FERTILIZING, TEMPORARY SEEDING	AC	6	\$	\$
11.	WATERING	LS	1	\$	\$
12.	SEEDING WARRANTY	LS	1	\$	\$
13.	SWPPP MANAGEMENT	LS	1	\$	\$
14.	TEMPORARY RECP, TYPE 1.A	SY	250,000	\$	\$
15.	CHECK DAM, ROCK	TON	120	\$	\$
16.	EMERGENCY SPILLWAY, ROCK	TON	35	\$	\$

PROPOSAL - 5 -

ITEM					
NO.		UNIT	QUANTITY	UNIT PRICE	TOTAL
17.	SILT FENCE	LF	1,435	\$	\$
18.	SILT FENCE, REMOVAL OF SEDIMENT	LF	1,435	\$	\$
19.	SILT FENCE, REMOVAL OF DEVICE	LF	1,435	\$	\$
20.	STABILIZED CONSTRUCTION ENTRANCE	SF	2,500	\$	\$
21.	INLET PROTECTION DEVICE	EA	4	\$	\$
22.	INLET PROTECTION DEVICE, MAINTENANCE	EA	4	\$	\$
23.	TEMPORARY FENCE, SNOW FENCE, 48"	LF	3,000	\$	\$
			тот	AL ITEM 1 - 23	\$

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.

-	Bidder

PROPOSAL - 6 -

HARRINGTON PARK (PROJECT C) SRF SPONSORED PROJECT CITY OF NEVADA, IOWA

# BID BOND HARRINGTON PARK (PROJECT C) SRF SPONSORED PROJECT CITY OF NEVADA, IOWA

#### KNOW ALL BY THESE PRESENTS:

That we,			, as Prir	ncipal, a	nd
	, as Surety, are held and t	firmly bo	ound unto	City of I	Nevada
Iowa, as Oblig	ee, (hereinafter referred to as "the Jurisdiction"), in the penal	sum of _			
	dollars (\$),	lawful	money	of the	United
· ·	ich payment said Principal and Surety bind themselves, their nd assigns jointly and severally, firmly by these presents.	heirs, e	executors	, admini	strators
The condition	of the above obligation is such that whereas the Principal ha	as subm	itted to th	ne Juriso	diction a

The condition of the above obligation is such that whereas the Principal has submitted to the Jurisdiction a certain proposal, in a separate envelope, and hereby made a part hereof, to enter into a contract in writing, for the following described improvements;

#### Formation of a constructed wetland

The Surety hereby stipulates and agrees that the obligations of said Surety and its bond shall be in no way impaired or affected by any extension of the time within which the Jurisdiction may accept such bid or execute such Contract; and said Surety does hereby waive notice of any such extension.

In the event that any actions or proceedings are initiated with respect to this Bond, the parties agree that the venue thereof shall be Story, State of Iowa. If legal action is required by the Jurisdiction against the Surety or Principal to enforce the provisions of the bond or to collect the monetary obligation incurring to the benefit of the Jurisdiction, the Surety or Principal agrees to pay the Jurisdiction all damages, costs, and attorney fees incurred by enforcing any of the provisions of this Bond. All rights, powers, and remedies of the Jurisdiction hereunder shall be cumulative and not alternative and shall be in addition to all rights, powers and remedies given to the Jurisdiction, by law. The Jurisdiction may proceed against Surety for any amount guaranteed hereunder whether action is brought against Principal or whether Principal is joined in any such action or actions or not.

NOW, THEREFORE, if said proposal by the Principal be accepted, and the Principal shall enter into a contract with Jurisdiction in accordance with the terms of such proposal, including the provision of insurance and of a bond as may be specified in the contract documents, with good and sufficient surety for the faithful performance of such contract, for the prompt payment of labor and material furnished in the prosecution thereof, and for the maintenance of said improvements as may be required therein, then this obligation shall become null and void; otherwise, the Principal shall pay to the Jurisdiction the full amount of the bid bond, together with court costs, attorney's fees, and any other expense of recovery.

BID BOND - 1 -

# HARRINGTON PARK (PROJECT C) SRF SPONSORED PROJECT CITY OF NEVADA, IOWA

Signe	ed and sealed this day of		, 20	
	SURETY:		PRINCIPAL:	
Ву	Surety Company	– By	Bidder	
Бу	Signature Attorney-in-Fact/Officer		Signature	
	Name of Attorney-in-Fact/Officer	_	Name (Print/Type)	
	Company Name	_	Title	
	Company Address	_	Address	
	City, State, Zip Code	_	City, State, Zip Code	
	Company Telephone Number	_	Telephone Number	

NOTE: All signatures on this bid bond must be original signatures in ink; copies or facsimile of any signature will not be accepted. This bond must be sealed with the Surety's raised, embossing seal. The Certificate or Power of Attorney accompanying this bond must be valid on its face and sealed with the Surety's raised, embossing seal.

BID BOND - 2 -

# **Bidder Status Form**

To be complet	ted by all bidders		Part A
Please answer "Ye	es" or "No" for each of the following:		
Yes No	My company is authorized to transact busine (To help you determine if your company is a	ess in lowa. uthorized, please review the worksheet on the nex	t page).
☐ Yes ☐ No			
Yes No		nore than receiving mail, telephone calls, and e-main lowa for at least 3 years prior to the first reques	
Yes No	CI DES	ousiness entity or my company is a subsidiary of ar ent bidder in Iowa.	nother
	If you answered "Yes" for each question about complete Parts B and D of this form.	ve, your company qualifies as a resident bidder. F	Please
	If you answered "No" to one or more question complete Parts C and D of this form.	ns above, your company is a nonresident bidder.	Please
To be complet	ted by resident bidders		Part B
My company has	maintained offices in lowa during the past 3 ye	ears at the following addresses:	
Dates:/_	/ to//	_ Address:	
		City, State, Zip:	
Dates:/_	/ to//	_ Address:	8
		City, State, Zip:	
Dates:/_	/to//	Address:	
You may attach a	dditional sheet(s) if needed.	City, State, Zip:	3
To be complete	ted by non-resident bidders		Part C
1. Name of home	e state or foreign country reported to the Iowa	Secretary of State:	
	mpany's home state or foreign country offer pr s or any other type of preference to bidders or		Yes No
3. If you answere and the appropria		e offered by your company's home state or foreign	ocountry
a		You may attach additional shee	t(s) if needed.
To be complete	ted by all bidders		Part D
•	tatements made on this document are true ar accurate and truthful information may be a re	d complete to the best of my knowledge and I kno ason to reject my bid.	w that my
Firm Name:			
Signature:		Date:	19

You must submit the completed form to the governmental body requesting bids per 875 lowa Administrative Code Chapter 156. This form has been approved by the lowa Labor Commissioner.

# **Worksheet: Authorization to Transact Business**

This worksheet may be used to help complete Part A of the Resident Bidder Status form. If at least one of the following describes your business, you are authorized to transact business in lowa.

Yes No	My business is currently registered as a contractor with the Iowa Division of Labor.
Yes No	My business is a sole proprietorship and I am an lowa resident for lowa income tax purposes.
☐ Yes ☐ No	My business is a general partnership or joint venture. More than 50 percent of the general partners or joint venture parties are residents of lowa for lowa income tax purposes.
Yes No	My business is an active corporation with the lowa Secretary of State and has paid all fees required by the Secretary of State, has filed its most recent biennial report, and has not filed articles of dissolution.
☐ Yes ☐ No	My business is a corporation whose articles of incorporation are filed in a state other than lowa, the corporation has received a certificate of authority from the lowa secretary of state, has filed its most recent biennial report with the secretary of state, and has neither received a certificate of withdrawal from the secretary of state nor had its authority revoked.
Yes No	My business is a limited liability partnership which has filed a statement of qualification in this state and the statement has not been canceled.
Yes No	My business is a limited liability partnership which has filed a statement of qualification in a state other than lowa, has filed a statement of foreign qualification in lowa and a statement of cancellation has not been filed.
Yes No	My business is a limited partnership or limited liability limited partnership which has filed a certificate of limited partnership in this state, and has not filed a statement of termination.
☐ Yes ☐ No	My business is a limited partnership or a limited liability limited partnership whose certificate of limited partnership is filed in a state other than lowa, the limited partnership or limited liability limited partnership has received notification from the lowa secretary of state that the application for certificate of authority has been approved and no notice of cancellation has been filed by the limited partnership or the limited liability limited partnership.
☐ Yes ☐ No	My business is a limited liability company whose certificate of organization is filed in lowa and has not filed a statement of termination.
☐ Yes ☐ No	My business is a limited liability company whose certificate of organization is filed in a state other than lowa, has received a certificate of authority to transact business in lowa and the certificate has not been revoked or canceled.

HARRINGTON PARK (PROJECT C) SRF SPONSORED PROJECT CITY OF NEVADA, IOWA

# CONTRACT HARRINGTON PARK (PROJECT C) SRF SPONSORED PROJECT CITY OF NEVADA, IOWA

THIS CONTRACT,	made an	d enter	ed into this	da	ay of _				, 2024	, by and b	etween	the
City of Nevada, Id	owa by i	ts City	Administrator,	upon	order	of	its	City	Council	hereinafte	r called	the
"Jurisdiction", and T	ΓBD, here	einafter o	called the "Cont	tractor'	'.							

#### 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:

#### Formation of a constructed wetland

The Contractor agrees to perform said work for and in consideration of the Jurisdiction's payment of the bid amount of TBD dollars (\$TBD), 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 December 31, 2024, and shall be fully completed on or before March 31, 2025, and to pay liquidated damages for noncompliance with said completion provisions at a rate of \$1,000 dollars for each calendar day that the work remains incomplete.

CONTRACT - 1 -

Bond No.

Name of Surety

HARRINGTON PARK (PROJECT C) SRF SPONSORED PROJECT CITY OF NEVADA. IOWA

IN WITNESS WHEREOF, the Parties hereto have executed this instrument, in triplicate on the date first shown written. JURISDICTION: City of Nevada, Iowa CONTRACTOR: Ву **TBD** Jordan Cook, City Administrator (Seal) Βv ATTEST: TBD, TBD Kerin Wright, City Clerk Print Name, Title TBD Street Address TBD City, State, Zip Code **TBD** 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 lowa 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 lowa 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. B. Prior to entering into contract, the designated low bidder, if it be a corporation organized under the laws of a state other than lowa, shall file with the Jurisdictional Engineer a certificate from the Secretary of the State of Iowa showing that it has complied with all the provisions of Chapter 490 of the Code of lowa, or as amended, governing foreign corporations. For further information contact the lowa Secretary of State Office at 515-281-5204.

NOTE: All signatures on this contract must be original signatures in ink; copies or facsimile of any signature will not be accepted.

CONTRACT - 2 -

HARRINGTON PARK (PROJECT C) SRF SPONSORED PROJECT CITY OF NEVADA, IOWA

CONTRACT - 3 -

# HARRINGTON PARK (PROJECT C) SRF SPONSORED PROJECT CITY OF NEVADA, IOWA

CORPORATE ACKNOWLEDGMENT	
State of) SSCounty)	
State of, personally app, to me known, who, being by me duly and, respect seal has been procured by) (the seal affix signed (and sealed) on behalf of the corpo	o, before me, the undersigned, a Notary Public in and for the eared and, sworn, did say that they are the, ively, of the corporation executing the foregoing instrument; that (no ed thereto is the seal of) the corporation; that said instrument was bration by authority of this Board of Directors; that owledged the execution of the instrument to be the voluntary act hem voluntarily executed.
	Notary Public in and for the State of,20

CONTRACT ATTACHMENT: ITEM 1: GENERAL - None

CONTRACT - 4 -

## 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.

ITEM					
ITEM NO.		UNIT	QUANTITY	UNIT PRICE	TOTAL
1	MOBILIZATION	LS	1	\$	\$
2	CONSTRUCTION SURVEY	LS	1	\$	\$
3	COMPACTION TESTING	LS	1	\$	\$
4	EXCAVATION, CLASS 13	CY	14,759	\$	\$
5	TOPSOIL, ONSITE, STRIP, SALVAGE, AND SPREAD, 8 INCHES	CY	7,190	\$	\$
6	CLEARING AND GRUBBING	LS	1	\$	\$
7	INTAKE ADJUSTMENT MINOR	EA	1	\$	\$
8	INTAKE ADJUSTMENT MAJOR	EA	1	\$	\$
9	TRAFFIC CONTROL	LS	1	\$	\$
10	SEEDING AND FERTILIZING, TEMPORARY SEEDING	AC	5.93	\$	\$
11	WATERING	LS	1	\$	\$
12	SEEDING WARRANTY	LS	1	\$	\$
13	SWPPP MANAGEMENT	LS	1	\$	\$
14	TEMPORARY RECP, TYPE 1.A	SY	250,000	\$	\$
15	CHECK DAM, ROCK	TON	120	\$	\$
16	EMERGENCY SPILLWAY, ROCK	TON	35	\$	\$
17	SILT FENCE	LF	1,435	\$	\$
18	SILT FENCE, REMOVAL OF SEDIMENT	LF	1,435	\$	\$

CONTRACT - 5 -

ITEM NO.		UNIT	QUANTITY	UNIT PRICE	TOTAL			
19	SILT FENCE, REMOVAL OF DEVICE	LF	1,435	\$	\$			
20	STABILIZED CONSTRUCTION ENTRANCE	SF	2,500	\$	\$			
21	INLET PROTECTION DEVICE	EA	4	\$	\$			
22	INLET PROTECTION DEVICE, MAINTENANCE	EA	4	\$	\$			
23	TEMPORARY FENCE, SNOW FENCE, 48"	LF	3,000	\$	\$			
	TOTAL ITEM 1 - 23							

CONTRACT - 6 -

Contract.

HARRINGTON PARK (PROJECT C) SRF SPONSORED PROJECT CITY OF NEVADA, IOWA

# PERFORMANCE, PAYMENT AND MAINTENANCE BOND HARRINGTON PARK (PROJECT C) SRF SPONSORED PROJECT CITY OF NEVADA, IOWA

KNOV	V ALL BY	/ THESE	PRES	SENTS:						
That	we,	TBD	as		(hereinafter		"Contractor" y are held and fi		"Principal"	
by any	/ breach nited Stat	of any o es, for th	f the c e payr	onditions of t nent of which	rred to as "the Ju his Bond in the sum, well and to erally, firmly by t	urisdiction penal s ruly to b	on"), and to all p um of TBD <u>Doll</u> e made, we bin	ersons <u>ars</u> (\$TE	who may be i 3D) lawful mo	injured Iney o
the Ju	risdiction	ı, bearinç	g date	the c	re such that who lay of construct the fol	,	2024, (hereina	fter the	"Contract") w	ct with hereir
	Format	ion of a	constru	cted wetland	I					
good one y mainted to the exces	and workear after enance p sum of \$ s of one	manlike the date ortion of year) wh	manne of action this Boundary	er, and in acceptance as ond shall con (enter amouhe cost asso	equirements of some cordance with the complete of the strinue in force but ant of contract of ciated with those in excess of one	ne Cont e work it the pe r value e items	tract Documents under the abovenal sum for ma of work that req	s. Prov e refere intenan uires m	ided, howeve enced Contra ce shall be re aaintenance b	er, that ct, the duced ond in
					he Contractor ar on said Contract			nat the	following prov	/isions
1.	and eve a part h Jurisdic	ery cover nereof, fo tion fron	nant, co or the n all o	ondition and above refere utlay and ex	shall well and fa part of said Con nced improvem pense incurred uired. The Con	tract an ents, ai by the	d Contract Docu nd shall indemr Jurisdiction by	uments, lify and reason	by reference save harmle of the Contra	madess the actor's

failure to perform as required under the Contract and Contract Documents by all its subcontractors, suppliers, agents, or employees furnishing materials or providing labor in the performance of the

- 2. PAYMENT: The Contractor and the Surety on this Bond are hereby agreed to pay all just claims submitted by persons, firms, subcontractors, and corporations furnishing materials for or performing labor in the performance of the Contract on account of which this Bond is given, including but not limited to claims for all amounts due for labor, materials, lubricants, oil, gasoline, repairs on machinery, equipment and tools, consumed or used by the Contractor or any subcontractor, wherein the same are not satisfied out of the portion of the contract price which the Jurisdiction is required to retain until completion of the improvement, but the Contractor and Surety shall not be liable to said persons, firms, or corporations unless the claims of said claimants against said portion of the contract price shall have been established as provided by law. The Contractor and Surety hereby bind themselves to the obligations and conditions set forth in Chapter 573, Code of lowa, which by this reference is made a part hereof as though fully set out herein.
- 3. MAINTENANCE: The Contractor and the Surety on this Bond hereby agree, at their own expense:
  - A. To remedy any and all defects that may develop in or result from work to be performed under the Contract within the period of two (2) year(s) from the date of acceptance of the work under the Contract, by reason of defects in workmanship or materials used in construction of said work;
  - B. To keep all work in continuous good repair.
  - C. To pay the Jurisdiction's reasonable costs of monitoring and inspection to assure that any defects are remedied, and to repay the Jurisdiction all outlay and expense incurred as a result of Contractor's and Surety's failure to remedy any defect as required by this section; and
  - D. Contractor's and Surety's agreement herein made extends to defects in workmanship or materials not discovered or known to the Jurisdiction at the time such work was accepted.
- 4. GENERAL: The Contractor and every Surety on this Bond shall be deemed and held bound, any contract to the contrary notwithstanding, to the following provisions:
  - A. To consent without notice to any extension of time to the Contractor in which to perform the Contract;
  - B. To consent without notice to any change in the Contract or Contract Documents, which thereby increases the total contract price and the penal sum of this bond, provided that all such changes do not, in the aggregate, involve an increase of more than twenty percent of the total contract price, and that this bond shall then be released as to such excess increase; and
  - C. To consent without notice that this Bond shall remain in full force and effect until the Contract is completed, whether completed within the specified contract period, within an extension thereof, or within a period of time after the contract period has elapsed and the liquidated damage penalty is being charged against the Contractor.
  - D. That no provision of this Bond or of any other contract shall be valid which limits to less than five years after the acceptance of the work under the Contract the right to sue on this Bond.
  - E. That as used herein, the phrase "all outlay and expense" is not to be limited in any way, but shall include the actual and reasonable costs and expenses incurred by the Jurisdiction including interest, benefits and overhead where applicable. Accordingly, "all outlay and expense" would include but not be limited to all contract or employee expense, all equipment usage or rental, materials, testing, outside experts, attorneys fees (including overhead expenses of the

Jurisdiction's staff attorneys), and all costs and expenses of litigation as they are incurred by the Jurisdiction. It is intended the Contractor and Surety will defend and indemnify the Jurisdiction on all claims made against the Jurisdiction on account of Contractor's failure to perform as required in the Contract and Contract Documents, that all agreements and promises set forth in the Contract and Contract Documents, in approved change orders, and in this Bond will be fulfilled, and that the Jurisdiction will be fully indemnified so that it will be put into the position it would have been in had the Contract been performed in the first instance as required.

In the event the Jurisdiction incurs any "outlay and expense" in defending itself with respect to any claim as to which the Contractor or Surety should have provided the defense, or in the enforcement of the promises given by the Contractor in the Contract, Contract Documents, or approved change orders, or in the enforcement of the promises given by the Contractor and Surety in this Bond, the Contractor and Surety agree that they will make the Jurisdiction whole for all such outlay and expense, provided that the Surety's obligation under this bond shall not exceed 125% of the penal sum of this bond.

In the event that any actions or proceedings are initiated with respect to this Bond, the parties agree that the venue thereof shall be Story, State of Iowa. If legal action is required by the Jurisdiction to enforce the provisions of this Bond or to collect the monetary obligation incurring to the benefit of the Jurisdiction, the Contractor and the Surety agree, jointly and severally, to pay the Jurisdiction all outlay and expense incurred therefor by the Jurisdiction. All rights, powers, and remedies of the Jurisdiction hereunder shall be cumulative and not alternative and shall be in addition to Surety for any amount guaranteed hereunder whether action is brought against the Contractor or whether Contractor is joined in any such action or actions or not.

NOW THEREFORE, the condition of this obligation is such that if said Principal shall faithfully perform all the promises of the Principal, as set forth and provided in the Contract, in the Contract Documents, and in this Bond, then this obligation shall be null and void, otherwise it shall remain in full force and effect.

When a word, term, or phrase is used in this Bond, it shall be interpreted or construed first as defined in this Bond, the Contract, or the Contract Documents; second, if not defined in the Bond, Contract, or Contract Documents, it shall be interpreted or construed as defined in applicable provisions of the lowa Code; third, if not defined in the lowa Code, it shall be interpreted or construed according to its generally accepted meaning in the construction industry; and fourth, if it has no generally accepted meaning in the construction industry, it shall be interpreted or construed according to its common or customary usage.

Failure to specify or particularize shall not exclude terms or provisions not mentioned and shall not limit liability hereunder. The Contract and Contract Documents are hereby made a part of this Bond.

HARRINGTON PARK (PROJECT C) SRF SPONSORED PROJECT CITY OF NEVADA, IOWA

Witness our hands, in triplicate, this	day of _	, 20
Surety Countersigned By:		PRINCIPAL:
Name of Resident Commission Agent		Contractor
		By: Signature
Company Name		Signature
Company Address	- <u>-</u>	Printed Name, Title
	_	SURETY:
City, State, Zip Code		
Company Telephone Number		Surety Company
		By:
		By: Signature Attorney-in-Fact Officer
		Name of Attorney-in-Fact Officer
		Company Name
		Company Address
		City, State, Zip Code
		Company Telephone Number

NOTE: All signatures on this performance, maintenance & payment bond must be original signatures in ink; copies or facsimile of any signature will not be accepted. This bond must be sealed with the Surety's raised, embossing seal. The Certificate or Power of Attorney accompanying this bond must be valid on its face and sealed with the Surety's raised, embossing seal.

# HARRINGTON PARK (PROJECT C) SRF SPONSORED PROJECT CITY OF NEVADA, IOWA

# SPECIAL PROVISIONS HARRINGTON PARK (PROJECT C) SRF SPONSORED PROJECT CITY OF NEVADA, IOWA

#### INDEX

- 1. FORM OF SPECIFICATIONS
- 2. GENERAL PROVISIONS AND COVENANTS
- 3. PLANS AND SPECIFICATIONS
- 4. SERVICE FACILITIES
- 5. MINOR WORK
- 6. WORKING DAYS
- 7. CONSTRUCTION FACILITIES BY CONTRACTOR
- 8. SOILS BORINGS
- 9. CONSTRUCTION ON HIGHWAY RIGHT-OF-WAYS

- 10. EMPLOYMENT PRACTICES
- 11. WORK HOURS
- 12. DUST ABATEMENT
- 13. QUANTITIES
- 14. MAINTENANCE BOND AND WARRANTY PERIODS
- 15. CONSTRUCTION STAKING
- 16. PRECONSTRUCTION MEETING
- 17. PROGRESS MEETINGS

#### 1. FORM OF SPECIFICATIONS

- 1.1. "Specifications" shall mean the 2023 Edition of the SUDAS Standard Specifications.
- 1.2. Omissions of words or phrases such as "the Contractor shall", "in accordance with", "shall be", "as noted on the Plans", "according to the Plans", "a", "an", "the" and "all" are intentional; supply omitted words or phrases by inference.
- 1.3. "Owner", and "City" shall mean the City of Nevada, Iowa, acting through the City Council.
- 1.4. "Person" shall mean any individual, partnership, limited partnership, joint venture, society, association, joint stock company, corporation, limited liability company, estate, receiver, trustee, assignee, or referee, whether appointed by a court or otherwise, and any combination of individuals.
- 1.5. "Engineer" shall mean the Engineer for the City of Nevada, Iowa or designated agent.
- 1.6. "Standard Drawings" shall mean the Figures bound within the SUDAS Standard Specifications and/or the Typical Drawings bound within the plans.
- 1.7. "Work" shall mean the work to be done and the equipment, supplies, and materials to be furnished under the contract unless some other meaning is indicated by the context.
- 1.8. "Or equal" shall follow manufacturers names used to establish standards and, if not stated, is implied.
- 1.9. "Punch List" list of incomplete items of Work and of items of Work which are not in conformance with the Contract. The list will be prepared by the Engineer's representative when the Contractor (1) notifies the Engineer's representative in writing that the Work has been completed in accordance with the contract and (2) requests in writing that the Owner accept the Work.

SPECIAL PROVISIONS - 1 -

- 1.10. "Substantial Completion" in addition to the definition provided in the General Conditions, the following applies: Sufficient completion of the project or the portion thereof to permit utilization of the project, or portion thereof for its intended purpose. Substantial completion requires not only that the work be sufficiently completed to permit utilization, but that the Owner can effectively utilize the substantially completed Work. Determination of substantial completion is solely at the discretion of the Owner. Substantial completion does not mean complete in accordance with the Contract nor shall substantial completion of all or any part of the project entitle the Contractor to acceptance under the Contract.
- 1.11. "Final Completion" when the Engineer deems the Project and Punch List fully complete in accordance with Plans and Specification, and when all items including but not limiting to: excess building materials, concrete forms, construction trailers, field offices, and temporary traffic control have been removed from site, the Engineer shall notify the Owner in writing and recommend final acceptance of work. Sales and Use Tax Forms and Lien Waivers do not have to be completed but are encouraged to be completed as a condition of Final Completion. The date of final completion shall be the date the Engineer's written recommendation of final acceptance to the Owner.

#### 2. GENERAL PROVISIONS AND COVENANTS

- 2.1. The general provisions and covenants, Division 1 of the SUDAS Standard Specifications are modified as follows:
  - 2.1.1. Section 1020.1.09.B, Unit Price Attachment.

A computer generated unit price attachment may be submitted by the Bidder as specified by this Section.

2.1.2. Section 1050.1.05 Shop Drawings, Certificates and Equipment Lists.

The Contractor shall submit a minimum of three (3) copies plus any additional required by the Contractor.

2.1.3. Railroad Protection

Liability insurance and permits.

None.

#### 3. PLANS AND SPECIFICATIONS

- 3.1. Engineer will furnish up to five (5) sets of Plans and Specifications after award of contract. Contractor shall compensate Engineer for printing costs for additional copies required.
- 3.2. Subcontractors and suppliers will be furnished copies of Plans and Specifications only at request of Contractor. Engineer will be compensated for printing costs by Contractor.

## 4. SERVICE FACILITIES

4.1. The Contractor will be required to make arrangements for all services required during the construction period and pay for such services at no additional cost to the Owner.

SPECIAL PROVISIONS - 2 -

#### 5. MINOR WORK

5.1. Any minor work not specifically mentioned in the Specifications as shown on the Plans but obviously necessary for the proper completion of the work shall be considered as being a part of and included in the contract and shall be executed in the proper manner and the Contractor shall not be entitled to extra or additional compensation for the same.

#### 6. WORKING DAYS/COMMUNITY ACTIVITIES

- 6.1. Except for such work as may be required to properly maintain lights and barricades, no work will be permitted on Sundays or legal holidays without specific permission of the Engineer.
- 6.2. The following Community Events are scheduled, Contractor is required to coordinate with Owner as needed to allow use of adjacent public property.
  - 6.2.1. None

#### 7. CONSTRUCTION FACILITIES BY CONTRACTOR

- 7.1. Provide telephone, attended at all times during the working day; provide liaison between telephone and construction personnel for expeditious handling of messages.
- 7.2. Provide suitable storage buildings necessary for proper storage of materials and equipment.
- 7.3. Location of all construction facilities, including Project construction plant and yard, subject to approval by Engineer; remove all construction facilities upon completion of work.
- 7.4. Provide and maintain suitable sanitary facilities for construction personnel for duration of work; remove upon completion of work.
- 7.5. Provide fences, barricades, and/or watch persons to prevent access of unauthorized persons to site where work is in progress.
- 7.6. Provide telephone number(s) at which responsible representatives of Contractor can be reached evenings, weekends and holidays.

# 8. SOIL BORINGS

8.1. See attached report.

#### 9. CONSTRUCTION ON HIGHWAY RIGHT-OF-WAYS

9.1. All work on this project will be within City Right-of-Way, Easements or Public Property.

#### 10. EMPLOYMENT PRACTICES

- 10.1. Neither the Contractor nor the contractor's Subcontractors shall employ any person whose physical or mental condition is such that this employment will endanger the health and safety of anyone employed on the Project.
- 10.2. The Contractor shall not commit any of the following employment practices and agrees to include the following clauses in any Subcontracts:
  - 10.2.1. To discharge from employment or refuse to hire any individual because of sex,

SPECIAL PROVISIONS - 3 -

race, color, religion, national origin, sexual orientation, marital status, age, or disability unless such disability is related to job performance of such person or employee.

10.2.2. To discriminate against any individual in terms, conditions, or privileges of employment because of sex, race, color, religion, national origin, sexual orientation, marital status, age, or disability unless such disability is related to job performance of such person or employee.

#### 11. WORK HOURS

11.1. The Contractor will be required to limit the Contractor's work hours on the Project from 7:00 a.m. to 7:00 p.m., Monday through Saturday unless otherwise directed by the Engineer.

#### 12. DUST ABATEMENT

12.1. The Contractor shall make a reasonable effort to assure dust does not become a problem. The Engineer reserves the right to stop Contractor's operations whenever dust becomes a problem on the Project and direct the Contractor to revise operations to solve the dust problem.

#### 13. QUANTITIES

13.1. The Contractor is to realize some of the quantities on this Project are best estimates and may vary from actual conditions at time of construction of the Project. Quantities must be regarded as approximate only, and are given as a guide to the Bidder and for comparison of Bids. The City reserves the right to increase or decrease these quantities as designated in the contract, and the Contractor will be paid for only as much work as the Contractor is required to do by the City at the unit price stated in the Proposal.

# 14. MAINTENANCE BOND AND WARRANTY PERIODS Specifier note: Verify with Owner Warranty requirements

- 14.1. The requirements of the Payment, Performance and Maintenance Bond warranty period are modified as follows:
  - 14.1.1 two (2) year(s) warranty and maintenance bond required for the work, except sodding.

## 15. CONSTRUCTION STAKING

- 15.1. The Contractor shall provide all construction staking. Contractor shall be responsible for layout of all other construction items including but not limited to, traffic control, structure removal, pavement markings, seeding, inlet filters and silt fence. One-time staking shall be provided. Any re-staking shall be paid for by the Contractor.
- 15.2. Construction staking provided by the Contractor on the project shall include the following:
  - 15.2.1. Horizontal and Vertical Control
    - Locate and maintain all horizontal control points and vertical benchmarks as listed on the plan sheets that may be destroyed by the planned construction.

15.2.2. Removal Limits

SPECIAL PROVISIONS - 4 -

Locate removals for pavement, sidewalks, drives, structure. Removals not authorized or outside of removal limits shall be at Contractor expense.

#### 15.2.3. Storm Sewer and Culverts

Set grade offset stakes for intake and manhole structures at the location station for each type of structure.

Set grade offset for pipe runs at 50 foot interval.

#### 16. PRECONSTRUCTION MEETING

- 16.1. Engineer will schedule a meeting after Notice of Award.
  - 16.1.1. Attendance Required:
  - 16.1.2. Owner
  - 16.1.3. Engineer
  - 16.1.4. Contractor
  - 16.1.5. Contractor's Superintendent
  - 16.1.6. Major Subcontractors
  - 16.1.7. Utility Companies

#### 16.2. Agenda:

- 16.2.1. Submission of list of Subcontractors, list of Products, schedule of values, and progress schedule.
- 16.2.2. List and schedule of submittals/shop drawings.
- 16.2.3. Designation of personnel representing the parties in Contract and the Engineer.
- 16.2.4. Procedures and processing of field decisions, submittals, substitutions, applications for payments, proposal request, Change Orders, and Contract closeout procedures.
- 16.2.5. Use of premises by Owner and Contractor.
- 16.2.6. Owner's requirements.
- 16.2.7. Facilities and controls provided by Owner.
- 16.2.8. Temporary utilities provided by Owner.
- 16.2.9. Security and housekeeping procedures.
- 16.2.10. Scheduling
- 16.2.11. Procedures for testing
- 16.2.12. Procedures for maintaining record documents
- 16.2.13. Project Schedule
- 16.3. Engineer shall record minutes and distribute copies within two days after meeting to participants, with copies to Contractor, Owner, participants, and those affected by

SPECIAL PROVISIONS - 5 -

decisions made.

#### 17. PROGRESS MEETINGS

- 17.1. Contractor to schedule and administer meetings throughout progress of the Work at maximum monthly intervals or as established at preconstruction meeting.
- 17.2. Contractor to make arrangements for meetings, prepare agenda with copies for participants, preside at meetings, record minutes, and distribute copies within two days to Engineer, Owner, participants, and those affected by decisions made.
- 17.3. Attendance Required: Job superintendent, major Subcontractors and suppliers, Owner, Engineer, as appropriate to agenda topics for each meeting.

# 17.4. Agenda:

- 17.4.1. Review minutes of previous meetings.
- 17.4.2. Address public concerns and complaints.
- 17.4.3. Review of Work progress.
- 17.4.4. Field observations, problems, and decisions.
- 17.4.5. Identification of problems which impede planned progress.
- 17.4.6. Review of submittals schedule and status of submittals.
- 17.4.7. Review of off-site fabrication and delivery schedules.
- 17.4.8. Maintenance of progress schedule.
- 17.4.9. Corrective measures to regain projected schedules.
- 17.4.10. Planned progress during succeeding work period.
- 17.4.11. Coordination of projected progress.
- 17.4.12. Maintenance of quality and work standards.
- 17.4.13. Effect of proposed changes on progress schedule and coordination.
- 17.4.14. Other business relating to Work.
- 17.4.15. Schedule next meeting.

SPECIAL PROVISIONS - 6 -

HARRINGTON PARK (PROJECT C) SRF SPONSORED PROJECT CITY OF NEVADA, IOWA

**ADDITIONAL TECHNICAL SPECIFICATIONS:**SRF REQUIRED FRONT END SPECIFICATIONS

SPECIAL PROVISIONS -7 -

# SRF Front-End Specifications FOR NONPOINT SOURCE & SPONSORED PROJECTS

PLEASE NOTE: Attachment 5 is a new program requirement and is effective for all SRF projects bid after January 2021.

Attachment 1: Certification of Non-Segregated Facilities Form

Attachment 2: Statement in Advertisement for Bids on Debarment and

Suspension/Certification Regarding Debarment and

Suspension Form

Attachment 3: Other Federal Requirements Language

A. Standard Equal Employment Opportunity Specifications

B. Preservation of Open Competition and Government

Neutrality

C. Historical and Archeological Finds

D. Prohibitions on Procurement from Violating Facilities

Attachment 4: Right of Entry and Records Retention

Attachment 5: Prohibition on Certain Telecommunications and Video

Surveillance Services or Equipment

NOTE: Attachments 1, 2, and 5 must be signed by the Prime Contractor and submitted with the bid.

## Attachment 1 SRF Required Front-End Specifications

### This form must be signed by the Prime Contractor and submitted with the bid.

## U.S. Environmental Protection Agency Certification of Non-Segregated Facilities

(Applicable to contracts, subcontracts, and agreements with applicants who are themselves performing Federally assisted construction contracts, exceeding \$10,000 which are not exempt from the provisions of the Equal Opportunity clause.)

By the submission of this bid, the bidder, offeror, applicant, or subcontractor certifies that he does not maintain or provide for his employees any segregated facilities at any of his establishments, and that he does not permit his employees to perform their services at any location, under his control, where segregated facilities are maintained. He certifies further that he will not maintain or provide for his employees any segregated facilities at any of his establishments, and that he will not permit his employees to perform their services at any location, under his control, where segregated facilities are maintained. The bidder, offeror, applicant, or subcontractor agrees that a breach of this certification is a violation of the Equal Opportunity clause in this contract. As used in this certification, the term "segregated facilities" means any waiting rooms, work areas, restrooms and washrooms, restaurants and other eating areas, time clocks, locker rooms and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing facilities provided for employees which are segregated by explicit directive or are in fact segregated on the basis of race, creed, color, or national original, because of habit, local custom, or otherwise. He further agrees that (except where he has obtained identical certifications from proposed subcontractors for specific time periods) he will obtain identical certifications from proposed subcontractors prior to the award of subcontracts exceeding \$10,000 which are not exempt from the provisions of the Equal Opportunity clause; that he will retain such certifications in his files; and that he will forward the following notice to such proposed subcontractors (except where the proposed subcontractors have submitted identical certifications for specific time periods):

## NOTICE TO PROSPECTIVE SUBCONTRACTORS OF REQUIREMENT FOR CERTIFICATIONS OF NON-SEGREGATED FACILITIES

A Certification of Non-segregated Facilities, as required by the May 9, 1967, order (33 F.R. 7808, May 28, 1968) on Elimination of Segregated Facilities, by the Secretary of Labor, must be submitted prior to the award of a subcontract exceeding \$10,000 which is not exempt from the provisions of the Equal Opportunity clause. The certification may be submitted either for each subcontract or for all subcontracts during a period (i.e., quarterly, semiannually, or annually).

Signature	Date	
Name and Title of Signer (Please Type)		

NOTE: The penalty for making false statements in offers is prescribed in 18 U.S.C. 1001.

EPA-7 5720-4.2

## Attachment 2 SRF Required Front-End Specifications

This form must be signed by the Prime Contractor and submitted with the bid.

#### **Debarments and Suspensions**

Any bidder or equipment supplier whose firm or affiliate is listed in on the U.S. General Services Administration Excluded Parties List will be prohibited from the bidding process. The excluded parties records search engine is located at the System for Award Management (SAM) website: <a href="https://www.sam.gov/SAM/">https://www.sam.gov/SAM/</a>. Pursuant to 2 CFR Part 180, as supplemented by 2 CFR 1532, any entity submitting a bid while the SAM website lists that entity as having an active exclusion will be determined by the DNR to be a non-responsive bidder and will not be able to receive SRF funding.

United States Environmental Protection Agency Washington, DC 20460

## Certification Regarding Debarment, Suspension, and Other Responsibility Matters

The prospective participant certifies to the best of its knowledge and belief that it and the principals:

- (a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;
- (b) Have not within a three year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State, or local) transaction or contract under a public transaction: violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
- (c) Are not presently indicted or otherwise criminally or civilly charged by a government entity (Federal, State, or local) with commission of any of the offenses enumerated in paragraph (1) (b) of this certification; and
- (d) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State, or local) terminated for cause or default.

I understand that a false statement on this certification may be grounds for rejection of this proposal or termination of the award. In addition, under 18 U SC Sec. 10 01, a false statement may result in a fine of up to \$10,000 or imprisonment for up to 5 years, or both.

Typed Name & Title of Authorized Representative					
Signature of Authorized Representative	Date				
☐ I am unable to certify to the above statements. My exp	planation is attached.				

## Attachment 3 SRF Required Front-End Specifications

#### Other Federal Requirements Language

## A. Standard Federal Equal Employment Opportunity Construction Contract Specifications (Executive Order 11246)

- 1. As used in these specifications:
  - a. "Covered area" means the geographical area described in the solicitation from which this contract resulted:
  - b. "Director" means Director, Office of Federal Contract Compliance Programs, United States Department of Labor, or any person to whom the Director delegates authority;
  - c. "Employer identification number" means the Federal Social Security number used on the Employer's Quarterly Federal Tax Return, U.S. Treasury Department Form 941. d. "Minority" includes:
    - (i) Black (all persons having origin in any of the Black African racial groups not of Hispanic origin);
    - (ii) Hispanic (all persons of Mexican, Puerto Rican, Cuban, Central or South American or other Spanish Culture or origin, regardless of race);
    - (iii) Asian and Pacific Islander (all persons having origins in any of the original peoples of the Far East, Southeast Asia, the Indian Sub-continent, or the Pacific Islands); and
    - (iv) American Indian or Alaskan Native (all persons having origins in any of the original peoples of North America and maintaining identifiable tribal affiliations through membership and participation or community identification).
- 2. Whenever the Contractor, or any Subcontractor at any tier subcontracts a portion of the work involving any construction trade, it shall physically include in each subcontract in excess of \$10,000 the provisions of these specifications and the Notice which contains the applicable goals for minority and female participation and which is set forth in the solicitations from which this contract resulted.
- 3. If the Contractor is participating (pursuant to 41 CFR 6-4.5) in a Hometown Plan approved by the U.S. Department of Labor in the covered area either individually or through an association, its affirmative action obligations on all work in the Plan area (including goals and timetables) shall be in accordance with that Plan for those trades which have unions participating in the Plan. Contractors must be able to demonstrate their participation in and compliance with the provisions of any such Hometown Plan. Each Contractor or Subcontractor participating in an approved Plan is individually required to comply with its obligations under the EEO clause, and to make a good faith effort to achieve each goal under the Plan in each trade in which it has employees. The overall good faith performance by other Contractors or Subcontractors toward a goal in an approved Plan does not excuse any covered Contractor's or Subcontractor's failure to take good faith efforts to achieve the Plan goals and timetables.
- 4. The Contractor shall implement the specific affirmative action standards provided in paragraphs 7a through p of these specifications. The goals set forth in the solicitation from which this contract resulted are expressed as percentages of the total hours of employment and training of minority and female utilization the Contractor should reasonably be able to achieve in each construction trade in which it has employee in the covered area. Covered construction contractors performing construction work in geographical areas where they do not have a

Federal or federally assisted construction contract shall apply the minority and female goals established for the geographical area where the work in being performed. Goals are published periodically in the Federal Register in notice form, and such notices may be obtained from any Office of Federal Contract Compliance Programs office or from Federal procurement contracting officers. The Contractor is expected to make substantially uniform progress in meeting its goals in each craft during the period specified.

- 5. Neither the provisions of any collective bargaining agreement, nor the failure by a union with whom the Contractor has a collective bargaining agreement, to refer either minorities or women shall excuse the Contractor's obligations under these specifications, Executive Order 11246, or the regulations promulgated pursuant thereto.
- 6. In order for the nonworking training hours of apprentices and trainees to be counted in meeting the goals, such apprentices and trainees must be employed by the Contractor during the training period, and the Contractor must have made a commitment to employ the apprentices and trainees at the completion of their training, subject to the availability of employment opportunities. Trainees must be trained pursuant to training programs approved by the U.S. Department of Labor.
- 7. The Contractor shall take specific affirmative actions to ensure equal emp1oyment opportunity. The evaluation of the Contractor's compliance with these specifications shall be based upon its effort to achieve maximum results from its actions. The Contractor shall document these efforts fully, and shall implement affirmative action steps at least as extensive as the following:
  - a. Ensure and maintain a working environment free of harassment, intimidation, and coercion at all sites, and in all facilities at which the Contractor employees are assigned to work. The Contractor, where possible will assign two or more women to each construction project. The Contractor shall specifically ensure that all foremen, superintendents, and other on-site supervisory personnel are aware of and carry out the Contractor's obligation to maintain such a working environment, with specific attention to minority or female individuals working at such sites or in such facilities.
  - b. Establish and maintain a current list of minority and female recruitment sources, provide written notification to minority and female recruitment sources and to community organizations when the Contractor or its unions have employment opportunities available and maintain a record of the organizations' responses.
  - c. Maintain a current file of the names, addresses and telephone numbers of each minority and female off-the-street applicant and minority or female referral from a union, a recruitment source or community organization and of what action was taken with respect to each such individual. If such individual was sent to the union hiring hall for referral and was not referred back to the Contractor by the union or, if referred, not employed by the Contractor, this shall be documented in the file with the reason therefore, along with whatever additional actions the Contractor may have taken. d. Provide immediate written notification to the Director when the union or unions with
  - which the Contractor has a collective bargaining agreement has not referred to the Contractor a minority person or woman sent by the Contractor, or when the Contractor has other information that the union referral process has impeded the Contractor's effort, to meet its obligations.
  - e. Develop on-the-job training opportunities and/or participate in training programs for the area which expressly include minorities and women, including upgrading programs and apprenticeship and trainee programs relevant to the Contractor's employment needs, especially those programs funded or approved by the Department of Labor. The

Contractor shall provide notice of these programs to the source complied under 7b above.

- f. Disseminate the Contractor's EEO policy by providing notice of the policy to unions and training programs and requesting their cooperation in assisting the Contractor in meeting its EEO obligations; by including it in any policy manual and collective bargaining agreement; by publicizing it in the company newspaper, annual report, etc.; by specific review of the policy with all management personnel and with all minority and female employees at least once a year; and by posting the company EEO policy on bulletin boards accessible to all employees at each location where construction work is performed.
- g. Review, at least annually, the company's EEO policy and affirmative action obligations under these specifications with all employees having any responsibility for hiring, assignment, layoff, termination or other employment decisions including specific review of these items with onsite supervisory personnel such as Superintendents, General Foremen, etc., prior to the initiation of construction work at any job site. A written record shall be made and maintained identifying the time and place of these meetings, persons attending, subject matter discussed, and disposition of the subject matter.
- h. Disseminate the Contractor's EEO policy externally by including it in any advertising in the news media, specifically including minority and female news media, and providing written notification to and discussing the Contractor's EEO policy with other Contractors and Subcontractors with whom the Contractor does or anticipates doing business.
- i. Direct its recruitment efforts, both oral and written, to minority, female and community organizations, to schools with minority and female students and to minority and female recruitment and training organizations serving the Contractor's recruitment area and employment needs. Not later than one month prior to the date for the acceptance of applications for apprenticeship or other training by any recruitment source, the Contractor shall send written notification to organizations such as the above, describing the openings, screening procedures, and test to be used in the selection process.
- j. Encourage present minority and female employees to recruit other minority persons and women and, where reasonable, provide after school, summer and vacation employment to minority and female youth both on the site and in other areas of a Contractor's workforce.
- k. Validate all tests and other selection requirements where there is an obligation to do so under 41 CFR Part 60-3.
- 1. Conduct, at least annually, an inventory and evaluation at least of all minority and female personnel for promotional opportunities and encourage these employees to seek or to prepare for, through appropriate training, etc., such opportunities.
- m. Ensure that seniority practices, job classifications work assignments and other personnel practices, do not have a discriminatory effect by continually monitoring all personnel and employment related activities to ensure that the EEO policy and the Contractor's obligations under these specifications are being carried out.
- n. Ensure that all facilities and company activities are nonsegregated except that separate or single-user toilet and necessary changing facilities shall be provided to assure privacy between the sexes.
- Document and maintain a record of all solicitations of offers for subcontracts from minority and female construction contractors and suppliers, including circulation of solicitations to minority and female contractor associations and other business associations.
- p. Conduct a review, at least annually, of all supervisors' adherence to and performance under the Contractor's EEO policies and affirmative action obligations.

- 8. Contractors are encouraged to participate in voluntary associations which assist in fulfilling one or more of their affirmative action obligations (7a through p). The efforts of a contractor association, joint contractor-union, contractor-community, or other similar group of which the contractor is a member and participant, may be asserted as fulfilling any one or more of its obligations under 7a through p of these Specifications provided that the contractor actively participates in the group, makes every effort to assure that the group has a positive impact on the employment of minorities and women in the industry, ensures that the concrete benefits of the program are reflected in the Contractor's minority and female workforce participation, makes a good faith effort to meet its individual goals and timetables, and can provide access to documentation which demonstrates the effectiveness of actions taken on behalf of the Contractor. The obligation to comply, however, is the Contractor's and failure of such a group to fulfill an obligation shall not be a defense for the Contractor's noncompliance.
- 9. A single goal for minorities and a separate single goal for women have been established. The Contractor, however, is required to provide equal employment opportunity and to take affirmative action for all minority groups, both male and female, and all women, both minority and non-minority. Consequently, the Contractor may be in violation of the Executive Order if a particular group is employed in a substantially disparate manner (for example, even though the Contractor has achieved its goals for women generally, the Contractor may be in violation of the Executive Order if a specific minority group of women is underutilized).
- 10. The Contractor shall not use the goals and timetable or affirmative action standards to discriminate against any person because of race, color, religion, sex, or national origin.
- 11. The Contractor shall not enter into any Subcontract with any person or firm debarred from Government contracts pursuant to Executive Order 11246.
- 12. The Contractor shall carry out such sanctions and penalties for violation of these specifications and of the Equal Opportunity Clause, including suspension, termination and cancellation of existing subcontracts as may be imposed or ordered pursuant to Executive Order 11246, as amended, and its implementing regulations, by the Office of Federal Contract Compliance Programs. Any Contractor who fails to carry out such sanctions and penalties shall be in violation of these specifications and Executive Order 11246, as amended.
- 13. The Contractor, in fulfilling its obligations under these specifications, shall implement specific affirmative action steps at least as extensive as those standards prescribed in paragraph 7 of these specifications so as to achieve maximum results from its efforts to ensure equal employment opportunity. If the Contractor fails to comply with the requirements of the Executive Order, the implementing regulations, or these specifications, the Director shall proceed in accordance with 41 CFR 60-4.8.
- 14. The Contractor shall designate a responsible official to monitor all employment related activity to ensure that the company EEO policy is being carried out, to submit reports relating to the provisions hereof as may be required by the Government and to keep records. Records shall at least include for each employee the name, address, telephone numbers, construction trade, union affiliation if any, employee identification number when assigned, social security number, race, sex, status (e.g., mechanic, apprentice, trainee, helper, or laborer), dates of changes in status, hours worked per week in the indicated trade, rate of pay, and locations at which the work was performed. Records shall be maintained in an easily understandable and retrievable form; however, to the degree that existing records satisfy this requirement, contractors shall not be required to maintain separate records.

15. Nothing herein provided shall be construed as a limitation upon the application of other laws which establish different standards of compliance or upon the application of requirements for the hiring of local or other area residents (e.g., those under the Public Works Employment Act of 1977 and the Community Development Block Grant Program).

Federal Register, Vol. 43, No. 68 - Friday, April 7, 1978 (Corrected May 5, 1978).

Effective Date: May 8, 1978

Federal Register, Vol. 45, No. 194. Paragraph 4, revised October 3, 1980

Effective Date: September 30, 1980

#### **APPENDICES A and B-80**

## Notice of Requirement for Affirmative Action to Ensure Equal Employment Opportunity (Executive Order 11246)

- 1. The Offerors or Bidder's attention is called to the "Equal Opportunity Clause" and the "Standard Federal Equal Employment Specifications" set forth herein.
- 2. The goals and timetables for minority and female participation, expressed in percentage terms for the Contractor's aggregate workforce in each trade on all construction work in the covered area, are as follows:

(See Appendix B-80 and Appendix A Below)

These goals are applicable to all the Contractor's construction work (whether or not it is Federal or federally assisted) performed in the covered area. If the contractor performs construction work in a geographical area located outside of the covered area, it shall apply the goals established for such geographical area where the work is actually performed. With regard to this second area, the contractor also is subject to the goals for both its federally involved and non-federally involved construction.

The Contractor's compliance with the Executive Order and in the regulations in 41 CFR Part 60—4 shall be based on its implementation of the Equal Opportunity Clause, specific affirmative action obligations required by the specifications set forth in 41 CFR 60—4.3(a), and its efforts to meet the goals. The hours of minority and female employment and training must be substantially uniform throughout the length of the contract, and in each trade, and the contractor shall make a good faith effort to employ minorities and women evenly on each of its projects. The transfer of minority or female employees or trainees from Contractor to Contractor or from project to project for the sole purpose of meeting the Contractor's goals shall be a violation of the contract, the Executive Order and the regulations in 41 CFR Part 60—4. Compliance with the goals will be measured against the total work hours performed.

3. The Contractor shall provide written notification to the Director of the Office of Federal Contract Compliance Programs within 10 working days of award of any construction subcontract in excess of \$10,000 at any tier for construction work under the contract resulting from this solicitation. The notification shall list the name, address and telephone number of the subcontractor, employer Identification number of the subcontractor, estimated dollar amount of the subcontract, and the geographical area in which the subcontract is to be performed.

4. As used in this Notice, and in the contract resulting from this solicitation, the "covered area" is (State of Iowa).

#### **APPENDIX A**

The following goals and timetables for female utilization shall be included in all Federal and federally assisted construction contracts and subcontracts in excess of \$10,000. The goals are applicable to the contractor's aggregate on-site construction workforce whether or not part of that workforce is performing work on a Federal or federally assisted construction contract or subcontract.

Area covered: Goals for Women apply nationwide.

Timetable Goals (percent)

From Apr. 1, 1978 until March 31, 1979 . . . . . . . 3.1

From Apr. 1, 1979 until March 31, 1980 . . . . . . 5.0 From Apr. 1, 1980 until March 31, 1981 . . . . . . 6.9

Published, Federal Register May 5, 1978

#### **APPENDIX B-80**

Until further notice, the following goals for minority utilization in each construction craft and trade shall be included in all Federal or federally assisted construction contracts and subcontracts in excess of \$10,000 to be performed in the respective geographical areas. The goals are applicable to each nonexempt contractor's total onsite construction workforce, regardless of whether or not part of that workforce is performing work in a Federal, federally assisted or nonfederally related project, contract or subcontract. Construction contractors which are participating in an approved Hometown Plan (see 41 CFR 60—4.5) are required to comply with the goals of the Hometown Plan with regard to construction work they perform in the area covered by the Hometown Plan. With regard to all their other covered construction work, such contractors are required to comply with the applicable SMSA of EA goal contained in this appendix B-80.

**Economic Areas** 

State: Iowa	Goal %
096 Dubuque IA: SMSA Counties: 2200 Dubuque, IA	0.6
Non-SMSA Counties IA Allamakee, IA Clayton, IA Delaware, IA,	0.5 Jackson IA, Winneshiek
099 Davenport Rock Island Moline, IA-IL: SMSA Counties: 1960 Davenport Rock Island Moline, IA-IL IL Henry, IL Rock Island Moline, IA Scott	4.6
Non-SMA Counties IL Carroll, IL Hancock, IL Henderson, IL ,M Moines, IA Henry, IA Lee, IA Louisa, IA, Mu	
100 Cedar Rapids, IA: SMSA Counties: 1360 Cedar Rapids, IA	1.7
Non-SMSA Counties	1.5 IA, Jones, IA, Washington
101 Waterloo, IA: SMSA Counties: 8920 Waterloo-Cedar Falls, IA IA Black Hawk	4.7
	2.0 o Gordo, IA Chickasaw, IA Fayette, IA Floyd, din, IA Howard, IA Mitchell, IA Winnebago, IA
	0.4 Clay, IA Dickinson, IA Emmet, IA Greene, IA o Alto, IA Pocahontas, IA Sac, IA Webster, IA
103 Sioux City, IA: SMSA Counties: 7720 Sioux City, IA-NE IA Woodbury, NE Dakota	1.9

Non-SMSA Counties	n, NE Knox, NE Madison, NE Pierce, NE
104 Des Moines, IA: SMSA Counties: 2120 Des Moines, IA IA Polk, IA Warren	4.5
Non SMSA Counties:	
143 Omaha, NE: SMSA Counties: 5920 Omaha, NE-IA IA Pottawattamie, NE Douglas, NE Sarpy	7.6
Non-SMSA Counties	
Published, Federal Register October 3, 1980	

B. Preservation of Open Competition and Government Neutrality Towards Government Contractors' Labor Relations on Federal and Federally Funded Construction Projects (Executive Order 13202, as amended by Executive Order 13208)

Executive Order 13202, signed February 17, 2001 and amended April 4, 2001, requires all executive agencies that issue grants to ensure Government neutrality toward contractors' labor relations. This applies to recipients of SRF assistance. The Executive Order prohibits discrimination against contractors and their employees in construction contracts based upon labor affiliation or lack thereof.

SRF assistance recipients and any construction managers acting on their behalf must ensure that bidding specifications, project agreements, and other controlling documents do not require, prohibit, or otherwise discriminate, with respect to labor affiliation or lack thereof.

#### C. Historical and Archeological Finds

If, during the course of construction, evidence of deposits of historical or archeological interest is found, the contractor shall cease operations affecting the find. The owner shall then notify the State Revolving Fund Environmental Review Specialist, who shall in turn notify the State Historic Preservation Office. The SRF shall consult with the SHPO and other interested parties

to determine the proper course of action regarding the discovery. No further disturbance of the deposits shall ensue until the SRF Environmental Review Specialist determines that the project activities in that area may proceed. Compensation to the contractor, if any, for lost time or changes in construction to avoid the find, shall be determined in accordance with changed conditions or change order provisions of the specifications.

Authority for this derives from the National Historic Preservation Act (16 U.S.C. §§ 470 *et seq.*) and 36 CFR Part 800. If human remains are discovered then state law also applies IC 263B.

## D. Prohibitions on Procurement from Violating Facilities (Section 306, Clean Air Act; Section 508, Clean Water Act; Executive Order 11738)

Both the Clean Water Act and the Clean Air Act prohibit federal agencies from extending assistance by way of loans or contracts to persons who have been convicted of violations of either law. Executive Order 11738 was issued to coordinate enforcement by the U.S. Environmental Protection Agency, which shall designate facilities which have given rise to a conviction for an offense under the criminal provisions of the Clean Air Act and the Clean Water Act.

The Executive Order also prohibits agencies from extending assistance to facilities that are not in compliance with either Act.

SRF assistance recipients may not procure goods, services, or materials from suppliers listed by the EPA as violators.

The Excluded Parties Listing search engine is located at the System for Award Management (SAM) website: <a href="https://www.sam.gov/SAM/">https://www.sam.gov/SAM/</a>.

## Attachment 4 SRF Required Front-End Specifications

### Right of Entry and Records Retention

The recipient shall provide access at all times for the Department of Natural Resources, the lowa Finance Authority, the state auditor, and the U.S. EPA Office of the Inspector General to all project records and documents for inspection and audit purposes for a period of three years after the date of last loan payment. The same access to the project site(s) shall be provided for inspection purposes.

567 Iowa Administrative Code paragraph 92.8(2).e. State inspections. Personnel of the department shall have the right to examine all construction aspects of the project, including materials and equipment delivered and stored on site for use on the project.

## Attachment 5 SRF Required Front-End Specifications

This form must be signed by the Prime Contractor and submitted with the bid.

## PROHIBITION ON CERTAIN TELECOMMUNICATIONS AND VIDEO SURVEILLANCE SERVICES OR EQUIPMENT

This term and condition implements 2 CFR 200.216 and is effective for obligations and expenditures of EPA financial assistance funding on or after 8/13/2020. EPA recipients and subrecipients, including borrowers under EPA funded revolving loan fund programs, are prohibited from obligating or expending loan or grant funds to:

- (a) Procure or obtain, extend or renew a contract to procure or obtain;
- (b) Enter into a contract (or extend or renew a contract) to procure; or
- (c) Obtain the equipment, services, or systems that use "covered telecommunications equipment or services" identified in the regulation as a substantial or essential component of any system, or as critical technology as part of any system.

Certain equipment, systems, or services, including equipment, systems, or services produced or provided by entities subject to the prohibition are recorded in the <a href="System for Award Management">System for Award Management</a> exclusion list, website: <a href="https://www.sam.gov/SAM/">https://www.sam.gov/SAM/</a>.

- (1) As described in Public Law 115-232, section 889, covered telecommunications equipment or services includes:
  - (i) Telecommunications equipment produced by Huawei Technologies Company or ZTE Corporation (or any subsidiary or affiliate of such entities).
  - (ii) For the purpose of public safety, security of government facilities, physical security surveillance of critical infrastructure, and other national security purposes, video surveillance and telecommunications equipment produced by Hytera Communications Corporation, Hangzhou Hikvision Digital Technology Company, or Dahua Technology Company (or any subsidiary or affiliate of such entities).
  - (iii) Telecommunications or video surveillance services provided by such entities or using such equipment.
  - (iv) Telecommunications or video surveillance equipment or services produced or provided by an entity that the Secretary of Defense, in consultation with the Director of the National Intelligence or the Director of the Federal Bureau of Investigation, reasonably believes to be an entity owned or controlled by, or otherwise connected to, the government of a covered foreign country.
- (2) Consistent with 2 CFR 200.471, costs incurred for telecommunications and video surveillance services or equipment such as phones, internet, video surveillance, and cloud servers are allowable except for the following circumstances:
  - (i) Obligating or expending EPA funds for covered telecommunications and video surveillance services or equipment or services to procure (enter into, renew or extend contracts) or obtain the equipment, services, or systems as described in 2 CFR 200.216.

I understand the above prohibitions and certify that the project will be in compliance with all the requirements.

Typed Name & Title of Authorized Representative	
Signature of Authorized Representative	Date

HR Green, Inc. Project No. 191900.03C HARRINGTON PARK (PROJECT C) SRF SPONSORED PROJECT CITY OF NEVADA, IOWA

#### **ADDITIONAL INFORMATION:**

**USACE PERMIT** 

SPECIAL PROVISIONS - 8 -



# DEPARTMENT OF THE ARMY CORPS OF ENGINEERS, ROCK ISLAND DISTRICT PO BOX 2004 CLOCK TOWER BUILDING ROCK ISLAND, ILLINOIS 61204-2004

March 3, 2022

**Regulatory Division** 

SUBJECT: CEMVR-RD-2022-226

Mr. Jordan Cook City of Nevada 1209 6<sup>th</sup> Street Nevada, Iowa 50201

Dear Mr. Cook:

Our office reviewed your application received February 10, 2020, concerning the proposed wetland restoration in Harrington Park located in Section 5, Township 83 North, Range 22 West, Story County, Iowa.

Your project is authorized under Nationwide Permit No. 27, provided you meet the Nationwide Permit terms and conditions. The IA fact sheets that include all information regarding Nationwide Permits for projects occurring within the Rock Island District, the Iowa Regional Conditions, and the Section 401 Water Quality Certification issued by the Iowa Department of Natural Resources can be found on the MVR Regulatory webpage: <a href="https://www.mvr.usace.army.mil/Missions/Regulatory.aspx">https://www.mvr.usace.army.mil/Missions/Regulatory.aspx</a>. Any special conditions associated with this permit will be listed below and must also be adhered to.

The Corps has made a determination of no effect on federally threatened and endangered species or critical habitat. The decision regarding this action is based on information found in the administrative record, which documents the District's decision-making process, the basis for the decision, and the final decision.

Please contact our office if the project plans change and there are different impacts caused by the discharge of dredged or fill material into Corps' regulated waters. This may require modification of your Department of the Army 404 authorization.

This verification is valid until March 14, 2026 unless the nationwide permit is modified, reissued or revoked. It is your responsibility to remain informed of changes to the nationwide permit program. We will issue a public notice announcing any changes if and when they occur. Furthermore, if you commence or are under contract to commence this activity before the date the nationwide permit is modified or revoked, you will have twelve months from this date to complete your activity under the present terms and conditions of this nationwide permit.

This authorization does not eliminate the requirement that you must still obtain other applicable Federal, state, and local permits. If you have not already coordinated your project with the IADNR, please contact them by telephone 866/849-0321 to determine if a floodplain development permit is required for your project. You should also contact Mr. Seth Moore, in writing or telephone 515/725-8464 to determine if a sovereign lands construction permit is

required or if this project may adversely impact Iowa threatened or endangered species or their habitat.

You are required to complete and return the enclosed "Completed Work Certification" form upon completion of your project in accordance with General Condition No. 30 of the nationwide permits.

Should you have any questions, please contact me by letter, telephone 309-794-5859 or email at <u>Albert.J.Frohlich@usace.army.mil</u>.

Sincerely,

Albert J. Frohlich Project Manager

Albert Frohlich

Regulatory Division – Western Branch

When the structure(s) or work authorized by this nationwide permit are still in existence at the time the property is transferred, the terms and conditions of this nationwide permit, including any special conditions, will continue to be binding on the new owner(s), of the property. To validate the transfer of this nationwide permit and the associated liabilities associated with compliance with its terms and conditions, have the transferee sign and date below.

Transferee	Date	

Copies Furnished:

Ms. Christine Schwake (via email)
Iowa Department of Natural Resources
Water Resources Section
Wallace State Office Building
502 East 9<sup>th</sup> Street
Des Moines, Iowa 50319

Mr. Issac Schrock HR Green, Inc. 8710 Earhart Lane SW Cedar Rapids, Iowa 52404

## COMPLETED WORK CERTIFICATION

Permit Number:	CEMVR-RD-2022-226				
Name of Permittee:	City of Nevada				
County/State: Story / Iowa					
Date of Issuance: March 3, 2022					
	ivity authorized by this permit and any mitigation required by the n and return it to the following address:				
ATT Clock Post	Army Engineer District, Rock Island N: Regulatory Branch k Tower Building Office Box 2004 Island, Illinois 61204-2004				
	tted activity is subject to a compliance inspection by a U.S. Army native. If you fail to comply with this permit, you are subject to ation, or revocation.				
	ck authorized by the above reference permit has been completed in and conditions of the said permit, and required mitigation was ith the permit conditions.				
Signature of Permittee	Date				

HR Green, Inc. Project No. 191900.03C HARRINGTON PARK (PROJECT C) SRF SPONSORED PROJECT CITY OF NEVADA, IOWA

## **ADDITIONAL INFORMATION:** GEOTECHNICAL REPORT

SPECIAL PROVISIONS - 9 -

## **Geotechnical Report**

Harrington Park Basin T Avenue and Lincoln Highway Nevada, Iowa

Prepared for

H.R. Green

#### **Professional Certification:**

I hereby certify that this report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Iowa. My license renewal date

is December 31, 2021.

Justin D. Humke Business Unit Leader License Number: 23230

May 19, 2021

HUMKE 23230 5-19-21 VOWA



Project B2102398

**Braun Intertec Corporation** 



**Braun Intertec Corporation** 1901 16th Avenue SW, Suite 2 Cedar Rapids, IA 52404 Phone: 319.365.0961 Fax: 319.365.1306 Web: braunintertec.com

May 19, 2021 Project B2102398

Mr. Isaac Schrock H.R. Green 8710 Earhart Lane SW Cedar Rapids, IA 52404

Re: Geotechnical Report

Harrington Park Basin

T Avenue and Lincoln Highway

Nevada, Iowa

Dear Mr. Schrock:

We are pleased to present this Geotechnical Data Report for the Harrington Park Basin located between T Avenue and Lincoln Highway in Nevada, Iowa.

Thank you for making Braun Intertec your geotechnical consultant for this project. If you have questions about this report, or if there are other services that we can provide in support of our work to date, please contact Justin Humke at 515-706-5585 or jhumke@braunintertec.com.

Sincerely,

**BRAUN INTERTEC CORPORATION** 

en M. Caran

Ryan Benson Principal Engineer

Justin Humke

**Business Unit Leader** 

## **Table of Contents**

Des	cription		Page
A.	Introd	ductionduction	1
	A.1.	Project Description	1
	A.2.	Background Information and Reference Documents	1
B.	Resul	lts	1
	B.1.	Boring Logs	1
		B.1.a. Log of Boring Sheets	1
		B.1.b. Geologic Origins	1
	B.2.	Geologic Profile	2
	В.З.	Groundwater	2
	B.4.	Lab Testing Results	2
C.	Basis	for Recommendations	3
	C.1.	Design Details	3
		C.1.a. Anticipated Grade Changes	3
		C.1.b. Precautions Regarding Changed Information	3
	C.2.	Design and Construction Considerations	3
D.	Recor	mmendations	4
	D.1.	Site Preparation	4
		D.1.a. Excavations	4
		D.1.b. Excavation Dewatering	4
		D.1.c. Excavation Side Slopes	5
		D.1.d. Selecting Excavation Backfill and Additional Required Fill	5
		D.1.e. Placement and Compaction of Backfill and Fill	5
	D.2.	Wetland Berm	5
		D.2.a. Settlement	5
		D.2.b. Slope Stability	5
		D.2.c. Berm Borrow	6
	D.3.	Construction Quality Control	6
		D.3.a. Materials Testing	6
		D.3.b. Cold Weather Precautions	6
E.	Proce	edures	6
	E.1.	Penetration Test Borings	6
	E.2.	Material Classification and Testing	7
F.	Qualif	fications	7
	F.1.	Variations in Subsurface Conditions	7
		F.1.a. Material Strata	7
		F.1.b. Groundwater Levels	7
	F.2.	Continuity of Professional Responsibility	8



F.2.a.	Plan Review	8
	Construction Observations and Testing	
	Report	
	rd of Care	

## Appendix

Boring Location Sketch Log of Boring Sheets Descriptive Terminology of Soil Laboratory Results



#### A. Introduction

### A.1. Project Description

We understand that the project consists of the construction of a new stormwater wetland in the Harrington Basin on the east side of the City of Nevada. Specific details such as elevations of the basin and the embankment berms, and anticipated cross sections were not available at the time of this report. However, based on our discussions, and preliminary plans provided by HR Green, we understand that cuts in this area will be on the order of 2 to 10 feet, and berms will be constructed with side slopes no steeper than 3(horizontal): 1(vertical) and will be no more than 4 feet in height. We also assume that the wetland berms will only hold water during rain events.

### A.2. Background Information and Reference Documents

To facilitate our evaluation, we relied on phone and email correspondence with HR Green and a plan view showing the proposed wetland and drainage area, and proposed boring locations. We also relied on additional aerial maps from Google Earth™.

#### B. Results

### **B.1.** Boring Logs

#### **B.1.a.** Log of Boring Sheets

Log of Boring sheets for our test borings are included in the Appendix. The logs identify and describe the geologic materials that were penetrated and present the results of standard penetration tests (SPT) performed within them, laboratory testing results, and groundwater measurements. Strata boundaries were inferred from changes in the penetration test samples and the auger cuttings. The boundary depths will likely vary away from the boring locations, and the boundaries themselves may also occur as gradual rather than abrupt transitions.

#### **B.1.b.** Geologic Origins

Geologic origins assigned to the materials shown on the logs and referenced within this report were based on: (1) a review of the background information and reference documents cited above, (2) visual classification of the geologic material samples retrieved during the course of our subsurface exploration, (3) penetration resistance testing performed for the project, (4) available common knowledge of the



geologic processes and environments that have impacted the site and surrounding area in the past, and (5) laboratory testing results on material samples retrieved during drilling.

## **B.2.** Geologic Profile

The soil layers are summarized in the following table in the general order we encountered the strata.

**Table 1. Subsurface Profile Summary** 

Strata	Soil Type - ASTM Classification*	Penetration Resistances (Blows Per Foot)	Commentary and Details
Topsoil		N/A	<ul> <li>Present in all borings to depths of approximately 1 to 1.5 feet below existing grade. Topsoil classification by visual observation only and not intended to confer conformance to DOT or other municipal standards.</li> </ul>
Glacial Soils	CL, SP-SM	5 to 23	<ul> <li>Present in all borings to boring termination depths ranging from 15 to 30 feet below existing grade.</li> <li>Generally consists of sandy lean clay (CL) and poorly graded sand with silt (SP-SM).</li> <li>Sand seams encountered throughout the glacial soils.</li> <li>Moisture condition generally moist. Moisture contents within the cohesive soils ranging from 13 to 18 percent.</li> <li>Cohesionless soils generally loose.</li> <li>Cohesive soils generally medium to very stiff in consistency.</li> </ul>

<sup>\*</sup>Abbreviations defined in the attached Descriptive Terminology sheets

#### **B.3.** Groundwater

Delayed groundwater was observed at the piezometers installed at depths ranging from 4 feet below existing grade in boring B-6, and a depth of 5 feet below existing grade in boring B-3. Due to the relatively impervious nature of the clay based soils extended periods of time are necessary for the water table to become present and stabilize within open excavations. Additionally, water is likely to pond within depressed areas and excavations during rain events.

### **B.4.** Lab Testing Results

The boring logs show the results of laboratory testing we performed using standard ASTM methods, next to the tested sample depth. Additionally, the results of the hydraulic conductivity tests are attached.



#### C. Basis for Recommendations

### C.1. Design Details

#### C.1.a. Anticipated Grade Changes

We were provided with preliminary plans by HR Green. Based on our discussions and preliminary plans provided by HR Green, we understand that there will be cuts within the wetland are to depths ranging from 2 to 10 feet below existing grade. Additionally, we understand that embankment berms will be constructed with side slopes no steeper than 3(horizontal): 1(vertical), and will be no more than 4 feet in height. Specific details such as elevations of the basin and the embankment berms were not available at the time of this submittal.

#### C.1.b. Precautions Regarding Changed Information

We have attempted to describe our understanding of the proposed construction to the extent it was reported to us by others. Depending on the extent of available information, assumptions may have been made based on our experience with similar projects. If we have not correctly recorded or interpreted the project details, we should be notified. New or changed information could require additional evaluation, analyses and/or recommendations.

## **C.2.** Design and Construction Considerations

The geologic materials present at anticipated berm subgrade elevations generally appear suitable for support of the proposed berm and wetland with the following considerations:

- Topsoil was encountered to depths ranging from approximately 1/2 to 2 feet below existing
  grade. We recommend complete removal of the topsoil from the proposed borrow area and
  from below the proposed berm prior to construction. In addition, there is the potential for
  organic laden glacial till based soils to be encountered we would recommend the removal of
  these materials from below the proposed berm areas prior to the placement of engineered fill.
- Native glacial till soils were encountered below the topsoil across site. The non-organic glacial till
  soils are generally considered suitable for support of the proposed berm. Material to construct
  the proposed berm should be compacted in accordance with Section D.1. However, there is the
  potential for these soils to become unstable due to repeated construction traffic or recent rain
  events. Care should be taken to maintain the stability of these soils during construction.



- Sand layers/lenses were encountered throughout the native glacial soils. If glacial soils are proposed for borrow to construct the berm we recommend thoroughly mixing any glacial soils prior to berm placement and compaction to avoid creating sand seams within the berm.
- Delayed groundwater was observed at the piezometers installed at depths ranging from 4 feet below existing grade in boring B-6, and a depth of 5 feet below existing grade in boring B-3.
   Therefore, we anticipate that the excavations have the potential to collect groundwater.
- On-site soils free of organics may be reused as backfill and fill. However, proper moisture
  conditioning of clayey soils will be required prior to compaction. Additionally, mixing of glacial
  soils may be required due to the presence of sand seams throughout the borings.

### D. Recommendations

### **D.1.** Site Preparation

#### D.1.a. Excavations

We recommend that topsoil and any organic laden soils encountered be removed from the borrow areas and below the proposed berm. Excavations to remove the topsoil are anticipated to reach depths of 2 plus feet below existing grade based on the recently completed borings. If additional soft, loose, organic laden or unsuitable soils are encountered below the proposed berm they should be overexcavated and backfilled with structural fill compacted in accordance with this report.

#### **D.1.b.** Excavation Dewatering

Delayed groundwater was observed at the piezometers installed at depths ranging from 5 feet below existing grade in boring B-6, and a depth of 4 feet below existing grade in boring B-3. Therefore, we anticipate that the excavations will encounter groundwater. Due to the low permeability of the soils, there was an observed delay between excavation and reestablishment of the groundwater table. In these soils types, well points are generally not effective. Therefore, the contractor should be prepared to use means and methods appropriate for this soil type, which often include sumps and pumps, drainage channels, excavation staging, etc. Additionally, the contractor should be prepared to remove any water that enters the excavations due to storm events.



#### **D.1.c.** Excavation Side Slopes

All excavation must comply with the requirements of OSHA 29 CFR, Part 1926, Subpart P, "Excavations and Trenches." This document states that excavation safety is the responsibility of the contractor. Reference to these OSHA requirements should be included in the project specifications.

#### D.1.d. Selecting Excavation Backfill and Additional Required Fill

Onsite alluvial and glacial soils free of organics can be considered for reuse as general backfill and fill. Sorting may be required to remove organics from excavated backfill material. We recommend thoroughly mixing glacial soils prior to berm placement and compaction due to the presence of sand layers throughout the glacial till to avoid creating sand seams within the berm. Additionally, moisture conditioning of clayey soils may be required prior to compaction. The clayey soils will be more difficult to compact if wet or allowed to become wet, or if spread and compacted over wet surfaces. Imported material needed to replace excavation spoils or balance cut and fill quantities, may consist of sandy lean clay or lean clay. We recommend, however, that the plastic index of the material not exceed 15 and the liquid limit not exceed 48.

#### D.1.e. Placement and Compaction of Backfill and Fill

We recommend spreading backfill and fill in loose lifts of approximately 8 inches. We recommend compacting backfill and fill for the proposed berm to 95 percent of the material's maximum dry density (ASTM D698). This could include fill needed to achieve finished berm height elevation or fill needed to replace overexcavated unsuitable material.

#### D.2. Wetland Berm

#### D.2.a. Settlement

Settlement of existing soils below the proposed berm was not evaluated. However, based on the anticipated grade changes and the soil conditions shown on the boring logs, we anticipate that settlement of the soils below the proposed berm will be typical for embankments of this height.

#### D.2.b. Slope Stability

Stability of the new berm sideslopes was not evaluated. However, based on the anticipated grade changes, soil conditions shown on the boring logs, anticipated geometry (3H:1V) and recommendations made in this report, we anticipate the factor of safety for the proposed slopes will meet or exceeded the required values for sections analyzed for both end-of-construction (1.3) and long-term stability (1.5) in



accordance with the Iowa DOT. However, we anticipate that surficial failures caused by erosion are likely that may lead to additional maintenance costs. Therefore, we recommend slope protection consisting of vegetation be established as soon as possible.

#### D.2.c. Berm Borrow

We understand that the proposed berm will be constructed of material excavated to construct the proposed wetland. In-situ moisture content and density were tested on thinwalled tube samples in these areas. The results of these tests are included on the attached boring logs. Standard proctor tests will be required to determine optimal moisture content and maximum density for the proposed borrow soils.

### **D.3.** Construction Quality Control

#### D.3.a. Materials Testing

We recommend in place moisture and density tests of the fill placed be taken during the construction of the berm.

#### D.3.b. Cold Weather Precautions

If site grading and construction is anticipated during cold weather, all snow and ice should be removed from cut and fill areas prior to additional grading. No fill should be placed on frozen subgrades. No frozen soils should be used as fill.

#### E. Procedures

## **E.1.** Penetration Test Borings

We staked boring locations with coordinates obtained from Google Earth<sup>TM</sup> and elevations of the borings determined from available topographic information. A boring location sketch is included in the Appendix.

Once borings were staked and utilities located, the penetration test borings were drilled with an ATV-mounted drill rig equipped with hollow stem augers. The borings were performed in general accordance with ASTM D 1586. Penetration test samples or thinwalled tube samples were taken at 2½- to 5-foot intervals throughout the borings. Actual sample intervals and corresponding depths are shown on the boring logs. The drillers checked for groundwater as the penetration test borings were advanced.



Groundwater depths are noted on the attached boring logs.

#### E.2. Material Classification and Testing

The geologic materials encountered were visually and manually classified by the geotechnical engineering staff in accordance with ASTM Standard Practice D2488. A chart explaining the classification system is attached. Penetration test samples were placed in zip-top bags. All soil samples were returned to our facility for review and storage. All laboratory testing was completed in accordance with all ASTM and AASHTO procedures. The laboratory test results are included on the attached boring logs.

## F. Qualifications

#### F.1. Variations in Subsurface Conditions

#### F.1.a. Material Strata

Our evaluation of the subsurface conditions was developed from a limited amount of site and subsurface information. It is not standard practice to retrieve material samples from exploration locations continuously with depth, and therefore strata boundaries and thicknesses must be inferred to some extent. Strata boundaries may also be gradual transitions, and can be expected to vary in depth, elevation, and thickness away from the exploration locations.

Variations in subsurface conditions present between exploration locations may not be revealed until additional exploration work is completed, or construction commences. If any such variations are revealed, our recommendations should be re-evaluated. Such variations could increase construction costs, and a contingency should be provided to accommodate them.

#### F.1.b. Groundwater Levels

Groundwater observations were made under the conditions reported herein and are shown on the exploration logs, and interpreted in the text of this report. It should be noted that the observation periods were relatively short, and groundwater can be expected to fluctuate in response to rainfall, flooding, irrigation, seasonal freezing and thawing, surface drainage modifications, and other seasonal and annual factors.



### F.2. Continuity of Professional Responsibility

#### F.2.a. Plan Review

This report is based on a limited amount of information, and a number of assumptions were necessary to help us develop our recommendations. It is recommended that our firm review the geotechnical aspects of the designs and specifications, and evaluate whether the design is as expected, if any design changes have affected the validity of our recommendations, and if our recommendations have been correctly interpreted and implemented in the designs and specifications.

#### F.2.b. Construction Observations and Testing

It is recommended that we be retained to perform observations and testing during construction. This will allow correlation of the subsurface conditions encountered during construction with those encountered by the borings, and provide continuity of professional responsibility.

### F.3. Use of Report

This report is for the exclusive use of the parties to which it has been addressed. Without written approval, we assume no responsibility to other parties regarding this report. Our evaluation may not be appropriate for other parties or projects.

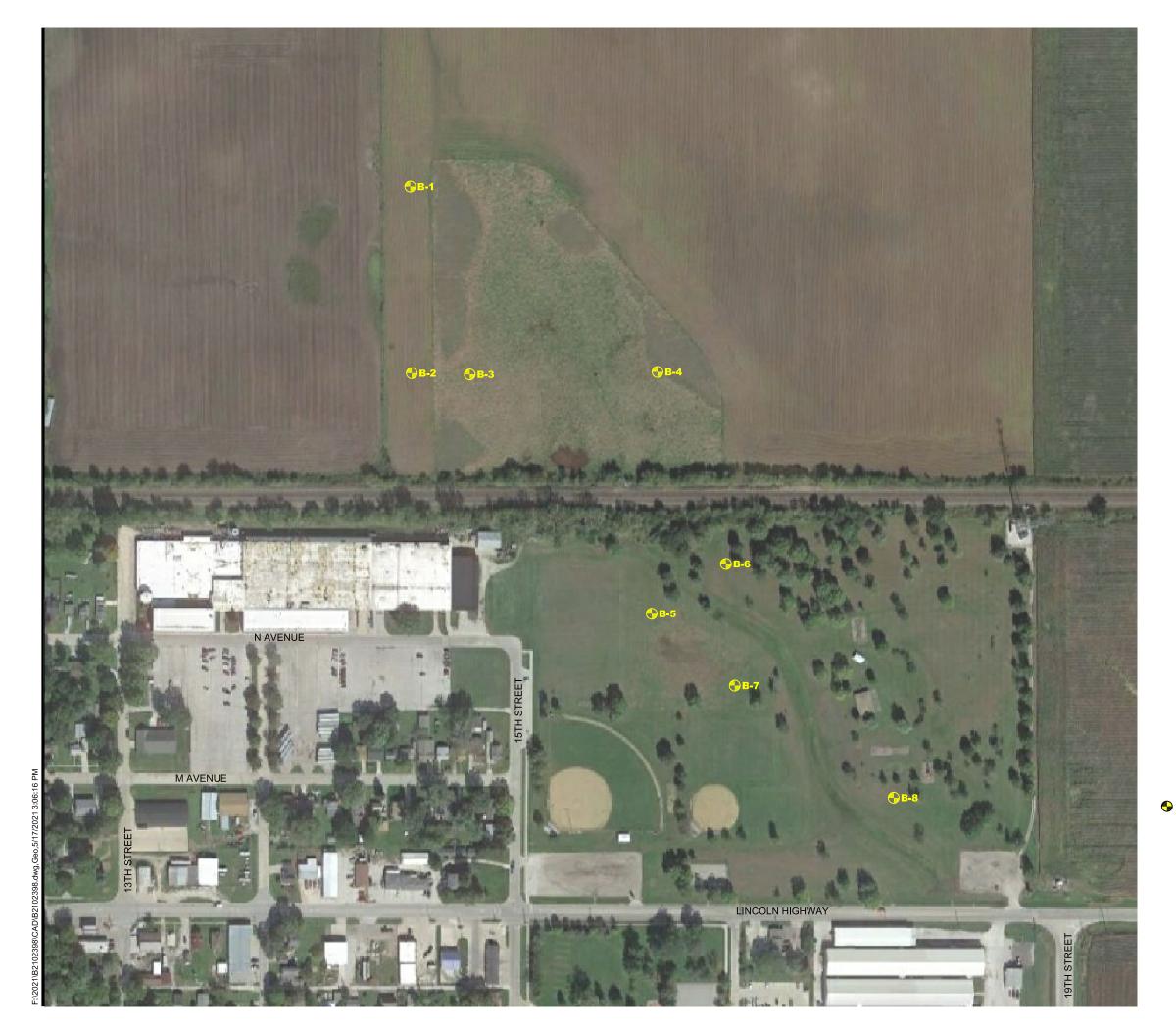
#### F.4. Standard of Care

In performing its services, Braun Intertec used that degree of care and skill ordinarily exercised under similar circumstances by reputable members of its profession currently practicing in the same locality. No warranty, express or implied, is made.



## Appendix







11001 Hampshire Avenue S Minneapolis, MN 55438 952.995.2000 braunintertec.com

Drawing Information
Project No:
B2102398

Project Information

Drawing No: B2102398

BJB

5/17/21

5/17/21

Nevada Wetlands

Harrington Park Basin

Drawn By:

Date Drawn:

Checked By:

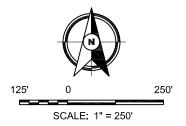
Last Modified:

T Avenue and Lincoln Highway

Nevada, Iowa

Soil Boring Location Sketch

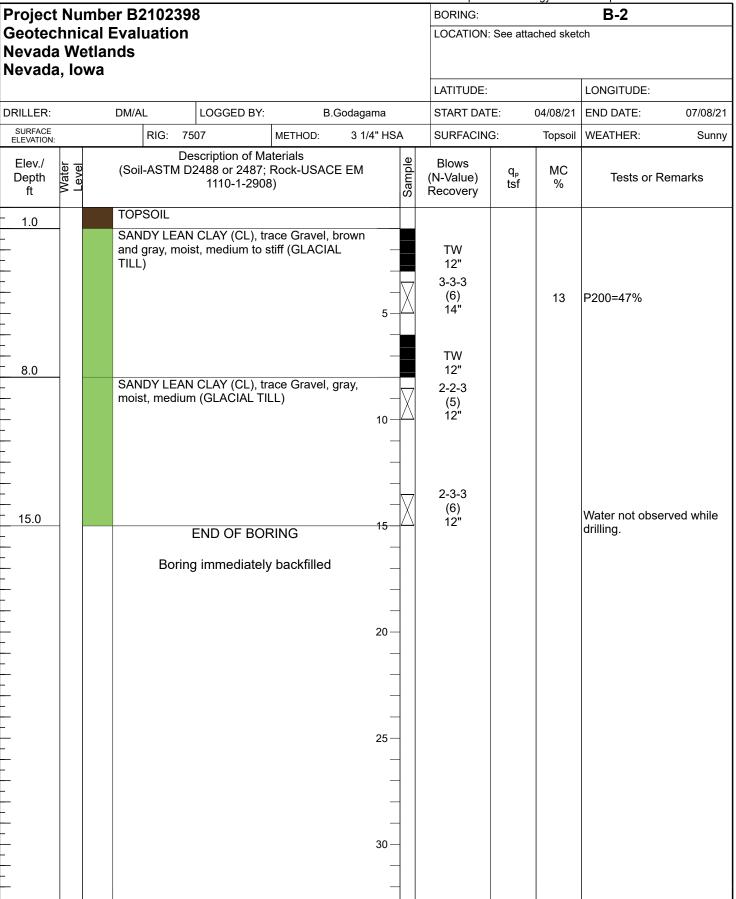
DENOTES APPROXIMATE LOCATION OF STANDARD PENETRATION TEST BORING



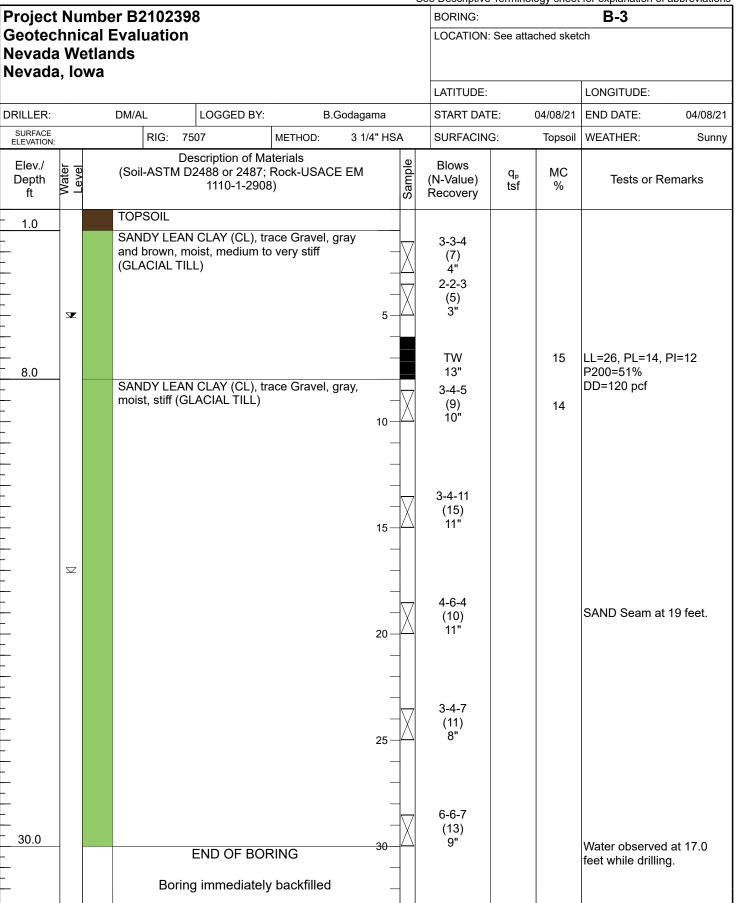


The Science You B		# D240220	.0		Se		Termino	logy sheet	for explanation o	f abbreviations
Cootoch	iumbe	r B210239 Evaluation	8			BORING: LOCATION:	Soo otto	ahad akat	B-1	
Nevada V Nevada, I	Vetlan					LOCATION:	oce alla	oneu skel	ыı	
						LATITUDE:			LONGITUDE:	
DRILLER:		DM/AL	LOGGED BY:	B.Godaga	ma	START DAT	E:	04/08/21	END DATE:	04/08/21
SURFACE ELEVATION:		RIG: 7	507	METHOD: 3 1/4	1" HSA	SURFACING	<b>G</b> :	Topsoil	WEATHER:	Sunny
Elev./ Depth ft	Level		escription of Ma 2488 or 2487; 1110-1-290	Rock-USACE EM		Blows (N-Value) Recovery	q <sub>p</sub> tsf	MC %	Tests or F	Remarks
-		TOPSOIL								
1.5 		SANDY LEAN moist, mediur	I CLAY (CL), g n to stiff (GLAC	ray and brown, CIAL TILL)	5	2-2-3 (5) 7" 2-3-3 (6) 8"		16		
- - 8.0		SANDY LEAN	I CLAY (CL), tr	ace Gravel, gray,		3-9-5				
		moist, stiff (G	LACIAL TILL)		10	(14) 8" 4-6-4		16	P200=54%	
15.0					15	(10) 8"			Water not obse	erved while
			END OF BOI		20 —				drilling.	
_										



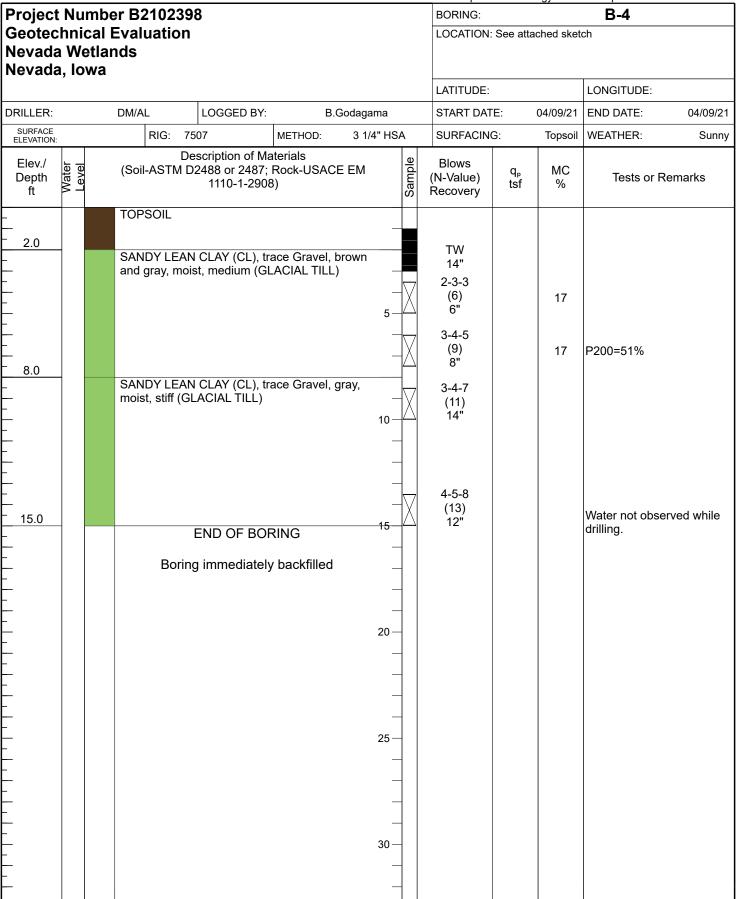






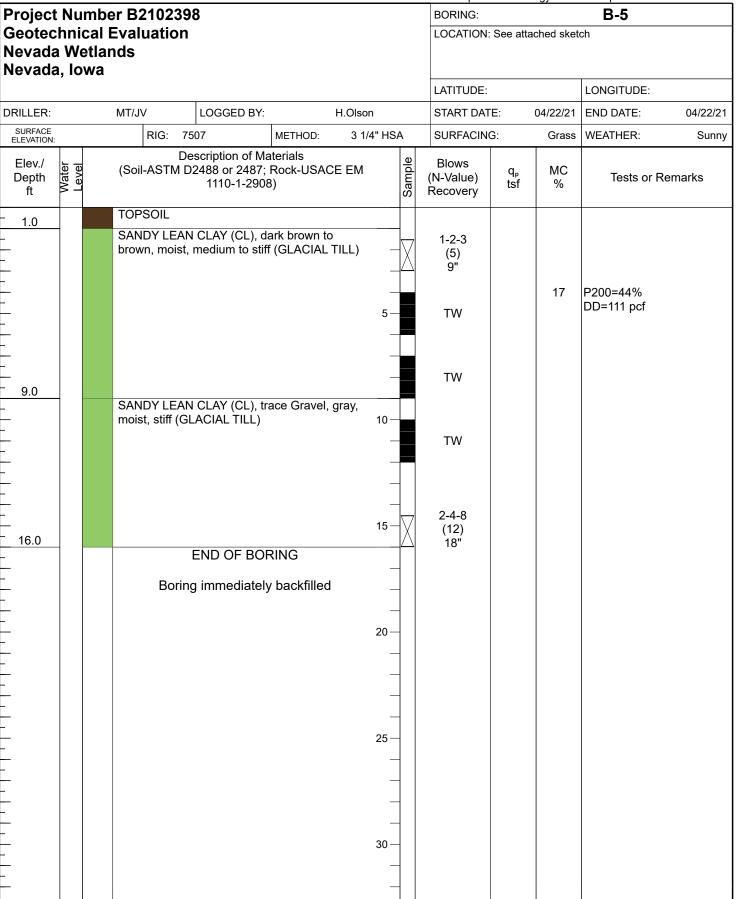


See Descriptive Terminology sheet for explanation of abbreviations



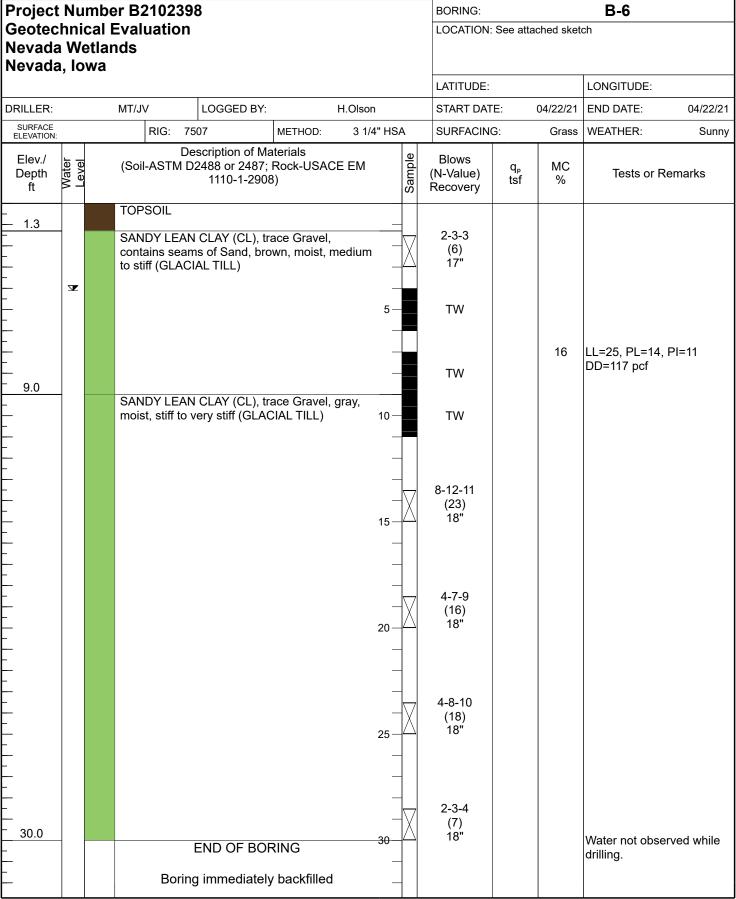
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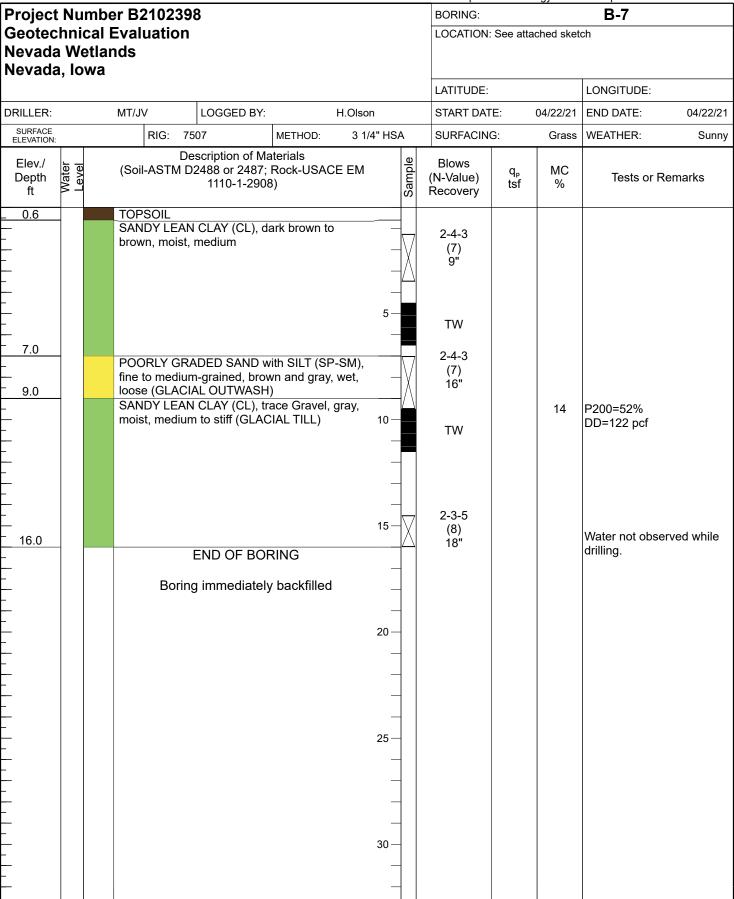


See Descriptive Terminology sheet for explanation of abbreviations

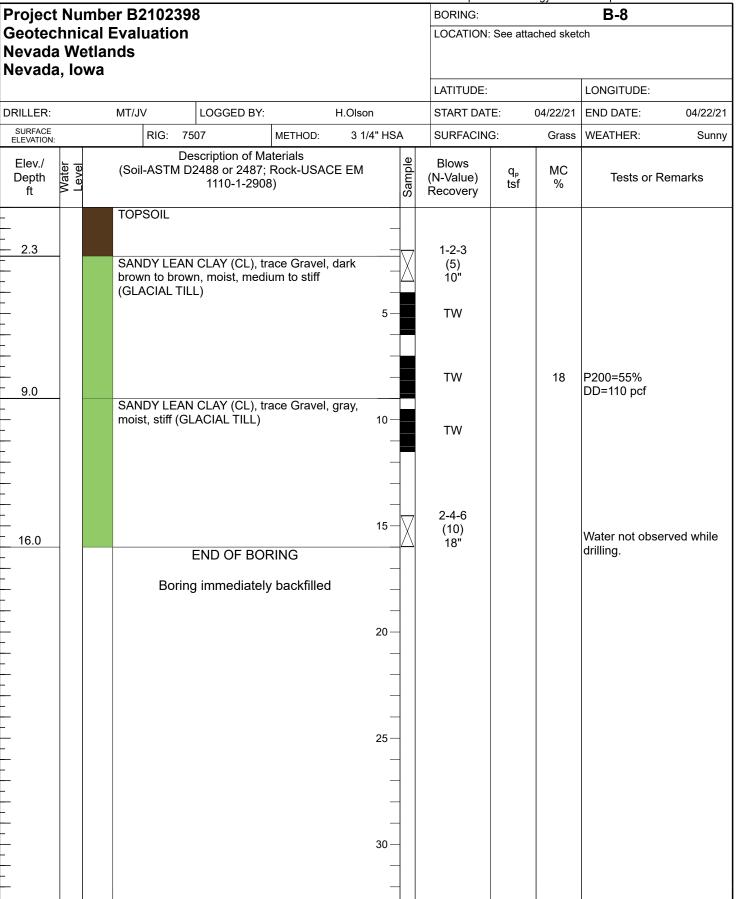


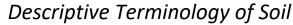
B2102398 Braun Intertec Corporation Print Date:05/18/2021 B-6 page 1 of 1











BRAUN INTERTEC

Based on Standards ASTM D2487/2488 (Unified Soil Classification System)

	Criteria fo	or Assigning Gr	oun Symb	ols and		Soil Classification
	Criteria for Assigning Group Symbols and Group Names Using Laboratory Tests <sup>A</sup>			Group Symbol	Group Name <sup>B</sup>	
c.	Gravels	Clean Gr	avels	$C_u \ge 4$ and $1 \le C_c \le 3^D$	GW	Well-graded gravel <sup>E</sup>
<b>s</b> l ed o	(More than 50% of coarse fraction	(Less than 5	% fines <sup>c</sup> )	$C_u < 4$ and/or $(C_c < 1 \text{ or } C_c > 3)^D$	GP	Poorly graded gravel <sup>E</sup>
<b>Soi</b> stain ve)	retained on No. 4	Gravels wit	th Fines	Fines classify as ML or MH	GM	Silty gravel <sup>E F G</sup>
ined Sc 1% retai 3 sieve)	sieve)	(More than 1	2% fines <sup>c</sup> )	Fines Classify as CL or CH	GC	Clayey gravel <sup>E F G</sup>
Coarse-grained Soils (more than 50% retained on No. 200 sieve)	Sands	Clean Sa	ands	$C_u \ge 6$ and $1 \le C_c \le 3^D$	SW	Well-graded sand
oarse- e thar No.	(50% or more coarse	(Less than 5	% fines <sup>H</sup> )	$C_u < 6 \text{ and/or } (C_c < 1 \text{ or } C_c > 3)^D$	SP	Poorly graded sand <sup>1</sup>
C	fraction passes No. 4	Sands with	n Fines	Fines classify as ML or MH	SM	Silty sand <sup>FGI</sup>
)	sieve)	(More than 1	2% fines <sup>H</sup> )	Fines classify as CL or CH	SC	Clayey sand FGI
	City and Class	Inorganic	PI > 7 and	l plots on or above "A" line l	CL	Lean clay <sup>KLM</sup>
s the	Silts and Clays (Liquid limit less than	morganic	PI < 4 or p	olots below "A" line <sup>J</sup>	ML	Silt <sup>KLM</sup>
Fine-grained Soils (50% or more passes the No. 200 sieve)	sieve) 200		Liquid Limit – oven dried Liquid Limit – not dried <0.75		OL	Organic clay KLMN Organic silt KLMO
<b>grain</b> more . 200		Inorganic	PI plots o	n or above "A" line	СН	Fat clay <sup>KLM</sup>
Silts and Clays		inorganic	PI plots b	I plots below "A" line		Elastic silt <sup>K L M</sup>
1 (50%)	(Liquid limit 50 or more)	Districted Districts and an end of the district		ОН	Organic clay KLMP Organic silt KLMQ	
Hig	hly Organic Soils	Primarily orga	anic matter	, dark in color, and organic odor	PT	Peat

- A. Based on the material passing the 3-inch (75-mm) sieve.
- B. If field sample contained cobbles or boulders, or both, add "with cobbles or boulders, or both" to group name.
- C. Gravels with 5 to 12% fines require dual symbols:

GW-GM well-graded gravel with silt

GW-GC well-graded gravel with clay

GP-GM poorly graded gravel with silt

GP-GC poorly graded gravel with clay

- D.  $C_u = D_{60} / D_{10}$   $C_c = (D_{30})^2 / (D_{10} \times D_{60})$
- E. If soil contains  $\geq$  15% sand, add "with sand" to group name.
- F. If fines classify as CL-ML, use dual symbol GC-GM or SC-SM.
- G. If fines are organic, add "with organic fines" to group name.
- H. Sands with 5 to 12% fines require dual symbols:

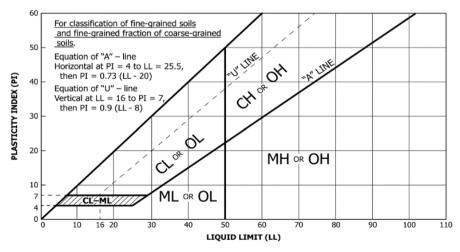
 ${\small \mathsf{SW}}\text{-}{\small \mathsf{SM}} \quad \text{well-graded sand with silt}$ 

SW-SC well-graded sand with clay

SP-SM poorly graded sand with silt

SP-SC poorly graded sand with clay

- . If soil contains ≥ 15% gravel, add "with gravel" to group name.
- J. If Atterberg limits plot in hatched area, soil is CL-ML, silty clay.
- K. If soil contains 15 to < 30% plus No. 200, add "with sand" or "with gravel", whichever is predominant.
- L. If soil contains ≥ 30% plus No. 200, predominantly sand, add "sandy" to group name.
- M. If soil contains ≥ 30% plus No. 200 predominantly gravel, add "gravelly" to group name.
- N. PI  $\geq$  4 and plots on or above "A" line.
- O. PI < 4 or plots below "A" line.
- P. PI plots on or above "A" line.
- Q. PI plots below "A" line.



#### Particle Size Identification

Dodiaci 3	. 6 ( ) 12
Cobbles	. 3" to 12"
Gravel	
Coarse	. 3/4" to 3" (19.00 mm to 75.00 mm)
Fine	. No. 4 to 3/4" (4.75 mm to 19.00 mm)
Sand	
Coarse	No. 10 to No. 4 (2.00 mm to 4.75 mm)
Medium	No. 40 to No. 10 (0.425 mm to 2.00 mm)

Fine...... No. 200 to No. 40 (0.075 mm to 0.425 mm)

Silt...... No. 200 (0.075 mm) to .005 mm Clay.....< .005 mm

Inclusion Thicknesses

ı	ens	0 to	1/8	3"
•	seam	1/8"	to	1"
I	aver	over	1"	

Roulders

#### **Apparent Relative Density of Cohesionless Soils**

Very loose	0 to 4 BPF
Loose	5 to 10 BPF
Medium dense	11 to 30 BPF
Dense	31 to 50 BPF

Consistency of	Blows	Approximate Unconfined
Cohesive Soils	Per Foot	Compressive Strength
Very soft	. 0 to 1 BPF	< 0.25 tsf
Soft	. 2 to 4 BPF	0.25 to 0.5 tsf
Medium	. 5 to 8 BPF	0.5 to 1 tsf
Stiff	. 9 to 15 BPF	1 to 2 tsf
Very Stiff	. 16 to 30 BPF	2 to 4 tsf
Hard	over 30 BPF.	> 4 tsf

#### **Moisture Content:**

**Dry:** Absence of moisture, dusty, dry to the touch.

**Moist:** Damp but no visible water.

**Wet:** Visible free water, usually soil is below water table.

#### **Drilling Notes:**

**Blows/N-value:** Blows indicate the driving resistance recorded for each 6-inch interval. The reported N-value is the blows per foot recorded by summing the second and third interval in accordance with the Standard Penetration Test, ASTM D1586.

**Partial Penetration:** If the sampler could not be driven through a full 6-inch interval, the number of blows for that partial penetration is shown as #/x" (i.e. 50/2"). The N-value is reported as "REF" indicating refusal.

**Recovery:** Indicates the inches of sample recovered from the sampled interval. For a standard penetration test, full recovery is 18", and is 24" for a thinwall/shelby tube sample.

**WOH:** Indicates the sampler penetrated soil under weight of hammer and rods alone; driving not required.

**WOR:** Indicates the sampler penetrated soil under weight of rods alone; hammer weight and driving not required.

Water Level: Indicates the water level measured by the drillers either while c. ing ( ), at the end of c. ing ( ), or at some time after dri ( ).

#### Laboratory Tests

Dry density, pcf DD OC LL Liquid limit Organic content, % WD Wet density, pcf Pocket penetrometer strength, tsf PL Plastic limit MC P200 % Passing #200 sieve ΡI Plasticity index Moisture content. % Unconfined compression test, tsf  $\boldsymbol{q}_{\boldsymbol{U}}$ 



## **Hydraulic Conductivity**

Urbandale

10576 Justin Drive Urbandale, IA 50322 Phone: (319) 423-0322 Client: Project:

HR Green Inc.

2550 University Avenue WSuite 400N

St. Paul, MN 55114

B2102398 Nevada Wetlands Proposal

Varies

Nevada, IA 50201

#### Sample Information

Sample Number: 374226

6-8 Depth (ft):

Sample From: Onsite Sampled By: **Drill Crew** 

B-3 **Boring Number:** 

Sample Location: Boring: B-3 6-8 feet

Sample Date: 04/08/2021

Received Date: 04/28/2021 Lab: 11529 W. 79th St, Building 21, Lenexa, KS

**Tested Date:** 05/11/2021 Tested By: Tanquary, Stephen

**Laboratory Data** 

Type Of Specimen: Intact Back Pressure (psi): 57.00

Permeant Liquid: De-aired Water **Specific Gravity:** 2.70 (Assumed)

**Saturation B Coefficient:** 0.97 Effective Pressure (psi): 6.50

Method: Method C Falling Head Rising Tailwater

Elapsed Time (sec)	Average Test Temp. (°C)	Influent Reading Initial (cm)	Influent Reading Final (cm)	Effluent Reading Initial (cm)	Effluent Reading Final (cm)	Average Head Loss (cm)	Hydraulic Gradient	Hydraulic Conductivity @ 20 °C (cm/sec)
1260	24.0	21.10	20.40	5.70	6.40	225.7	21.13	5.7E-07
1260	23.8	20.40	19.70	6.40	7.10	224.3	21.00	5.7E-07
2160	23.7	19.70	18.55	7.10	8.25	222.5	20.83	5.5E-07
1740	23.9	18.55	17.60	8.25	9.20	220.4	20.63	5.7E-07

Average Of Last Four Hydraulic Conductivity (cm/sec): 5.7E-07

**Initial Final** 100.2 99.9 Saturation (%) 15.5 Moisture Content (%): 15.1 118.7 Dry Density Of Specimen (pcf): 119.8

Soil Classification: CL Sandy lean clay

General

Results: The test is for informational purposes.

Remarks: Control parameters meet the testing requirements.



## **Hydraulic Conductivity**

ASTM D5084

Urbandale

10576 Justin Drive Urbandale, IA 50322 Phone: (319) 423-0322 Client: Project:

HR Green Inc.

2550 University Avenue WSuite 400N

St. Paul, MN 55114

Nevada Wetlands Proposal Varies

Nevada, IA 50201

B2102398

**Sample Information** 

**Sample Number:** 374229 **Depth (ft):** 7-9

Sample From: Onsite Sampled By: Drill Crew

**Boring Number:** B-6

Sample Location: Boring: B-6 7-9 feet

**Sample Date:** 04/22/2021

**Received Date:** 04/28/2021 **Lab:** 11529 W. 79th St, Building 21, Lenexa, KS

**Tested Date:** 05/11/2021 **Tested By:** Tanquary, Stephen

**Laboratory Data** 

Type Of Specimen: Intact Back Pressure (psi): 57.00

Permeant Liquid: De-aired Water Specific Gravity: 2.70 (Assumed)

Saturation B Coefficient: 0.98 Effective Pressure (psi): 5.60

Method: Method C Falling Head Rising Tailwater

Elapsed Time (sec)	Average Test Temp. (°C)	Influent Reading Initial (cm)	Influent Reading Final (cm)	Effluent Reading Initial (cm)	Effluent Reading Final (cm)	Average Head Loss (cm)	Hydraulic Gradient	Hydraulic Conductivity @ 20 °C (cm/sec)
1260	24.0	19.25	17.80	3.95	5.35	98.3	11.55	2.1E-06
1320	23.8	17.80	16.40	5.35	6.80	95.4	11.21	2.1E-06
2100	23.7	16.40	14.20	6.80	8.90	91.9	10.79	2.0E-06
1740	23.9	14.20	12.50	8.90	10.50	88.1	10.35	2.0E-06

Average Of Last Four Hydraulic Conductivity (cm/sec): 2.0E-06

 Initial
 Final

 Saturation (%)
 96.8
 101.7

 Moisture Content (%):
 16
 16.6

 Dry Density Of Specimen (pcf):
 116.5
 117.0

Soil Classification: CL Sandy lean clay

General

**Results:** The test is for informational purposes.

**Remarks:** Control parameters meet the testing requirements.