



## ADDENDUM #2

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To: Known Qualified Firms  
From: Porter Co. Dept. of Development & Storm Water Management  
Date: April 20, 2021  
Subject: Ludington Ditch, Arm 19 – Drain Tile Reconstruction, Phase 1  
Construction Services

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The attention of all known qualified firms are called to the following Addendum.

This Addendum, designated as Addendum #2, is hereby included in and made a part of the bidding documents, whether or not attached thereto. Except as modified by this Addendum, all requirements of the bidding documents shall remain in full force and effect.

Firms shall acknowledge the receipt of this Addendum #2 on his or her bid form.

### **Clarifications & Modifications**

The following clarifications and/or modifications to the bidding documents are being provided or are being made by the Department in response to questions posed and/or as determined necessary by the Department and are hereby included in and made a part of the bidding documents.

### **PRE-BID MEETING MINUTES & SIGN-IN SHEET**

1. The pre-bid meeting minutes and sign-in sheet are attached to this Addendum. Please note that the meeting minutes may contain clarifications related to work items that should be should considered when preparing bids for this project.

### **TECHNICAL SPECIFICATIONS**

2. Grassed Waterway Seed Mix  
The technical specifications have been revised. At the request of the property owner, orchard grass (*Dactylis glomerata L.*) has been added to the grassed waterway seed mix and, consequently, the grassed waterway seed mix has been revised. The revised technical specification for “Grassed Waterway Seed Mix” is attached to this addendum.

### **PUBLIC OPENING OF BIDS**

3. Public Opening of Bids  
As stated in the bidding documents, bids will be opened at 10:00 a.m., or as soon thereafter as possible, on Thursday, April 22, 2021, at a public opening of bids to be held at 10:00 a.m. local time at the Porter Co. Administration Center, 155 Indiana Ave., Ste. 311, Valparaiso, Indiana 46383. In accordance with the Department’s COVID-19 Safety & Action Plan, the public opening of bids will also be conducted live via videoconference. All respondents, as well as members of the public, are welcome to attend and participate in the opening of bids, either in person or via videoconference.

The following information may be used to access and participate in the videoconference.



Zoom Meeting:

<https://us02web.zoom.us/j/82242132548?pwd=d0U5VVpGa29tb1puK0xwNWYxR0xsdz09>

Meeting ID: 822 4213 2548

Passcode: 9gB15g

At the meeting, bids will be opened and, unless obviously non-responsive, read aloud publicly. Respondents are invited to be present at the opening of bids. An abstract of the total bids will be made available to respondents after the opening of bids.

### QUESTIONS

Q1: Can No. 8 slag be used for the pipe bed and envelope?

A1: At this time, the Dept. does not accept slag – ACBF slag or otherwise – as coarse aggregate for bedding and/or initial backfill (i.e., bedding, haunching, initial backfill). The Dept.'s concern is about the potential for chemical leaching in unbound applications like this, where the slag may interact with groundwater on a periodic or constant basis. Although Indiana Test Method (ITM) 212 is intended to establish acceptance procedures of ACBF slag to reduce the chance of leaching problems, the Dept. believes that there is still the potential for leaching when slag used in such applications.

### ATTACHMENTS

- PRE-BID MEETING MINUTES & SIGN-IN SHEET
- REVISED TECHNICAL SPECIFICATIONS

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## **MEETING MINUTES**

April 15, 2021, 10:00 am  
155 Indiana Ave., Ste. 311 and Video Conference  
Pre-Bid Meeting  
Ludington Ditch, Arm 19 – Drain Tile Reconstruction, Phase 1

### **1. Sign-in and Introductions**

See attached sign-in sheet.

### **2. Project Overview**

The project is located near the intersection of CR 450 S and CR 100 W, and generally extends from just north of CR 450 S upstream to the confluence with Ludington Ditch, Arm 16. The project consists of the installation of drain tile, perforated drain tile, storm sewer structures, and construction of a grassed waterway. The drainage area tributary to this portion of Ludington Ditch, Arm 19 is approximately 1,100 acres. Note that the existing Ludington Ditch, Arm 19 drain tile is located within the project reach. The existing drain tile was successfully located by the Department at the upstream project limits, as shown on the construction plans; however, the Department was unable to locate the existing drain tile within the project reach. The existing drain tile will be abandoned within the project reach; it can be temporarily plugged at the upstream project limits so that incoming flow can be controlled and the new drain tile can be properly constructed.

### **3. Overview of Bidding Documents & Bidding Requirements**

- A. Bid Form
- B. Basis of Bid Form
  - i. Base Bid
- C. Bidders Work History Form
- D. Bidders Organizational Experience and Workload Form
- E. Bidders Subcontractor and Supplier Form
  - i. List entities comprising 10% or more of the bidder's total cost.
- F. Bid Security
  - i. 10% of total bid.
  - ii. Certified check, bank money order, or Bid Bond issued by acceptable surety.

### **4. Project Description**

- A. 1,005 LF of 36" RCP, Class III.
- B. 952 LF of 6" HDPE, Type SWP.
- C. 2 Storm Sewer Structures, 5 ft. diameter
- D. 1 Storm Sewer Structures, 7 ft. diameter
  - i. Stubs for future use incidental to storm sewer structures.
- E. Grading Ditches & Swales
  - i. Grassed Waterway
- F. Rock (Rip Rap) Chute & Rock (Rip Rap) Apron

- G. 5 ft Aquablok Trench Dam
  - i. Utilize Aquablok as the final backfill material for 5 ft at the downstream end of the drain tile.
- H. Spread Excess Excavated Material
  - i. Spread excavated material within the drainage easement. Strip topsoil prior to spreading material; respread topsoil after spreading excavated material.

## 5. Other Items

- A. Overview of important General Conditions.
- B. Questions during Bidding.
- C. Copies of bidding documents are fully downloadable on the Department's website at <http://www.porterco.org/stormwater>.
- D. Bids will remain open for 60 calendar days.
- E. Lowest, responsive, and responsible bidder will be awarded contract.
- F. Acknowledgement of Addenda
- G. Successful Bidder to provide the following within 10 days of NOA
  - i. Executed Contract, Performance Bond – 100%, Payment Bond – 100%, and Certificates of Insurance.
  - ii. E-Verify Affidavit and Certification Regarding Investment in Iran.
- H. Maintenance Bond will be required upon final acceptance of work as guarantee.
  - i. 10% of contract price for 1 year.
- I. Bidders shall inform themselves of existing site conditions.
- J. Minority and Women's Business Enterprises
  - i. Goals for this project are 7% MBE and 5% WBE participation.
  - ii. MBEs and WBEs must be certified.
- K. Owner is exempt from State Sales Tax on materials to be incorporated into the work. Sales and use tax shall not be included in the bid.
- L. Utility Coordination
  - i. Contractor shall confirm location and depth of utilities prior to start of work.

## 6. Notable Dates

- A. Pre-Bid Meeting: Thu., April 15, 2021, 10:00 am.
- B. Last Day for Questions: Mon., April 19, 2021, 4:30 pm local time. Final addendum to be issued by 12:00 pm local time, Tue., April 20.
- C. Bid Due Date: Thu., April 22, 2021 10:00 am local time, Porter Co. Dept. Development & Storm Water Management. 155 Indiana Ave., Ste. 311, Valparaiso, Indiana 46383.
- D. Bid Opening: Thu., April 22, 2021 10:00 am local time, at a public opening of bids, 155 Indiana Ave., Ste. 311, Valparaiso, Indiana 46383.
- E. Substantial & Final Completion:
  - i. Substantial Completion – August 15, 2021
  - ii. Final Completion – September 15, 2021

## 7. Questions

No questions from meeting attendees.

LUDINGTON DITCH, ARM 19 - DRAIN TILE RECONSTRUCTION, PHASE 1  
 PRE-BID MEETING  
 APRIL 15, 2021 (10:00 AM CST)

NAME	COMPANY	ADDRESS	OFFICE/CELL/FAX	EMAIL
Michael Novotney ✓	Porter Co. Dept. of Development and Storm Water Management	155 Indiana Ave., Ste. 311 Valparaiso, IN 46383	Office: (219) 465-3507 Cell: (219) 307-3311 Fax: (219) 465-3543	mnovotney@porterco.org
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DOUG MAJACLOWSKI	G.E. MARSHALL		Office: Cell: Fax:	
JOSH WADDALL	GARFUR CONSTRUCTION		Office: Cell: Fax:	
AL McAULIFFE	D2 LAND & WATER		Office: Cell: Fax:	
			Office: Cell: Fax:	

**GRASSED WATERWAY SEED MIX**

Grassed waterway seed shall be in accordance with the following.

**DESCRIPTION**

Grassed waterway seed shall be healthy, with an origin as close as possible to the project site.

**QUALITY**

All grassed waterway seed shall be handled and packed in a manner appropriate for the particular plant species included in the seed mix, with regard for the soil and climate conditions present at the time and place of packing, the soil and climate conditions present at the project site, the time that the plant seed will be in transit to the project site, and for the time that the plant seed will be in storage at the project site. All precautions customary to good trade practices shall be taken to ensure that the grassed waterway seed is delivered to the site in good and healthy condition. Inspection shall occur at the time of delivery for disease and insect infestation, in accordance with all applicable state and federal laws.

Seeding shall occur promptly following delivery of the grassed waterway seed. If seeding will be significantly delayed following delivery, precautions shall be taken to protect the grassed waterway seed and maintain its healthy condition. Seed shall be stored in a shaded area when ambient temperatures exceed 72°F.

**SPECIES**

GRASSED WATERWAY SEED MIX

<u>SCIENTIFIC NAME</u>	<u>COMMON NAME</u>	<u>LB/AC</u>
<i>Festuca arundinacea</i> "Kentucky 31"	Kentucky 31 tall fescue	17.5
<i>Orchard Grass</i>	<i>Dactylis glomerata</i> L.	17.5
<i>Lolium multiflorum</i>	Annual rye	8.0
<i>Avena sativa</i>	Seed oats	<u>32.0</u>
		75.0
COVER CROP (MARCH 1 – JUNE 30)		
<i>Avena sativa</i>	Seed oats	32.0
<i>Lolium multiflorum</i>	Annual rye	<u>32.0</u>
		64.0
COVER CROP (SEPTEMBER 1 – NOVEMBER 30)		
<i>Triticum aestivum</i>	Winter wheat	32.0
<i>Lolium multiflorum</i>	Annual rye	<u>32.0</u>
		64.0