



ADDENDUM #2

To: Prospective Bidders
From: Porter Co. Dept. of Development & Storm Water Management
Date: January 21, 2022
Subject: Hidden Hollow Subdivision – Storm Water Management System Improvements, Phase 1
Construction Services

The attention of all prospective bidders is 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.

Bidder 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 additional information related to the various items of work that should be considered when preparing bids for this project.

CONSTRUCTION PLANS/TECHNICAL SPECIFICATIONS

2. Restore Disturbed Areas
The technical specifications have been revised to address the restoration of areas disturbed during the performance of the work, but within temporary construction entrances and construction access routes. Areas disturbed not otherwise delineated on “Sheet 5-Erosion & Sediment Control Plan & Restoration Plan” shall be restored with topsoil, fertilizer, grass seed, & erosion control blanket (3:1 (H:V) or steeper areas) or straw mulch (flat areas), per the technical specifications.

PUBLIC OPENING OF BIDS

3. Public Opening of Bids
As stated in the bidding documents, bids will be opened at 10:00 am, or as soon thereafter as possible, on Tuesday, January 25, 2022, at a public opening of bids to be held at 10:00 am 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.

Join Zoom Meeting:

<https://us02web.zoom.us/j/83618578328?pwd=anZTQTg5aDBReEQzcHdYV3hHQ0FBZz09>

Meeting ID: 836 1857 8328

Passcode: 2vXPi9

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.

ATTACHMENTS

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

MEETING MINUTES

January 13, 2022, 10:00 am
155 Indiana Ave., Ste. 311 & Video Conference
Pre-Bid Meeting

Hidden Hollow Subdivision–Storm Water Management System Improvements, Phase 1

1. Sign-in and Introductions

2. Project Overview

The project is located south of CR 150 N, between CR 150 W and CR 250 W, in Hidden Hollow Subdivision. The project consists of the reconstruction of a failed drain tile that serves as the outlet for the storm water infrastructure serving the Hidden Hollow Subdivision. The overall purpose of the project is to enhance the storm water management services provided to the surrounding property owners by improving the area's storm water infrastructure.

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. 0.6 AC of Clearing & Tree Removal
- B. 632 LF of 24" RCP, Class III
 - i. 1 24" RCP FES w/ Grate
 - ii. 1 24" RCP FES w/out Grate
- C. 197 LF of 12" RCP, Class III
- D. 1 Storm Sewer Structure, 4 ft. diameter (Type 1)
- E. 1 Storm Sewer Structure, 5 ft. diameter (Special)
- F. 1 Storm Sewer Structure, 6 ft. diameter (Special)
- G. 370 LF of Ex. Drain Tile, Break & Abandon in Place
- H. 434 LF of Fence, Woven Galvanized Wire w/ 6" Dia. Hardwood Posts
- I. 1 Gate, 16 Ft. Pipe Gate
- J. Allowance for Additional Excavation & Bedding for Storm Sewer and/or Storm Sewer Structures

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., January, 13, 2022, 10:00 am, local time.
- B. Last Day for Questions: Thu., Jan. 20, 2022, 12:00 pm local time. Final addendum to be issued by 10:00 am local time, Fri., Jan. 21.
- C. Bid Due Date: Tue., Jan. 25, 2022, 10:00 am local time, Porter Co. Dept. Development & Storm Water Management. 155 Indiana Ave., Ste. 311, Valparaiso, Indiana 46383.
- D. Bid Opening: Tue., Jan. 25, 2022, 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 – Oct. 31, 2022.
 - ii. Final Completion – Nov. 30, 2022.

7. Questions

Q1: The topsoil stockpile location is shown over/atop the proposed storm sewer. Is the topsoil stockpile locations flexible?

A1: Yes, the topsoil stockpile locations are flexible. The stockpile locations were delineated as shown on the construction plans in order to minimize impacts to wooded areas and wetlands. Stockpile

locations shall not impact the existing wooded area located on the Fogle property and shall not be located within delineated wetland boundaries.

- Q2: The upstream end of the project site is currently extremely wet and is, at least in part, underwater. The best method of installation seems to be to install the storm sewer from the Outfall to ST-02 then to cut a swale from the pond to ST-02 to draw down the water surface elevation. Is this acceptable?
- A2: The means and methods are to be determined by the Contactor, however, it appears that the aforementioned method could work. One method contemplated by the Department was to install the storm sewer from the Outfall to ST-02, cofferdam the pond to isolate the work area between ST-02 and ST-03, and then dewater the work area and, if necessary, bypass pump from the pond to ST-02, to install the storm sewer and ST-03.
- Q3: Are the soils on-site clayey?
- A3: Yes, based on the soil survey and on-site investigations conducted by the Department, the soils appear to be primarily clay.
- Q4: Does the survey flagging on the downed tree at the Fogle/Annen property line represent the location for ST-02 or the property corner?
- A4: The structure locations, property lines, and easement boundaries have not been laid out in the field. The existing survey lath and flagging represent the approximate easement boundaries in order to illustrate those for the landowners.
- Q5: What seed should be used in the disturbed areas outside of the Stormwater Seed Mix limits shown on Sheet 5-Erosion & Sediment Control Plan & Restoration Plan?
- A5: Areas not specifically delineated on Sheet 5-Erosion & Sediment Control Plan & Restoration Plan shall be restored with topsoil, fertilizer, grass seed, and erosion control blanket (3:1 (H:V) or steeper areas) or straw mulch (flat areas).

HIDDEN HOLLOW SUBDIVISION - STORM WATER MANAGEMENT SYSTEM IMPROVEMENTS
 PRE-BID MEETING
 JANUARY 13, 2022 (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
✓ Chelsey Gordon	Porter Co. Dept. of Development and Storm Water Management	155 Indiana Ave., Ste. 311 Valparaiso, IN 46383	Office: (219) 465-3652 Cell: (219) 252-7499 Fax:	chelsey.gordon@porterco.org
✓ Meredith Phillis	Porter Co. Dept. of Development and Storm Water Management	155 Indiana Ave., Ste. 311 Valparaiso, IN 46383	Office: (219) 465-3632 Cell: Fax:	meredith.phillis@porterco.org
Austin Miller	G.E. Marshall		Office: 219-462-3415 Cell: Fax:	austin.miller@gemarshall.com
Chris Juda	Gough Inc		Office: Cell: 219-702-2067 Fax:	cjuda@goughinc.com
Sean Davidson	Grimmer Con.		Office: Cell: Fax:	

HIDDEN HOLLOW SUBDIVISION - STORM WATER MANAGEMENT SYSTEM IMPROVEMENTS
 PRE-BID MEETING
 JANUARY 13, 2022 (10:00 AM CST)

Josh Crandall (Zoom)	Garlap Con.		Office:	
			Cell:	
			Fax:	
Keith Kegebein (Zoom)	Dyer Con.		Office:	
			Cell:	
			Fax:	
			Office:	
			Cell:	
			Fax:	
			Office:	
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			Office:	
			Cell:	
			Fax:	

DIVISION 600 LANDSCAPING

RESTORE DISTURBED AREA

DESCRIPTION

This work shall consist of preparation and furnishing, transporting, and placing topsoil and/or fertilizer, plant seed, and straw mulch, or, where required by the contract documents, erosion control blanket, over areas disturbed during the performance of the work, including, but not limited to, temporary construction entrances, construction access routes, storm sewer trenches, detention basins, and other areas disturbed during the performance of the work. It shall include the restoration of those areas shown in the construction plans and, as directed by the Engineer, other areas disturbed during the performance of the work.

MATERIALS

Materials for the restoration of disturbed areas shall be in accordance with the following materials specifications, which are presented elsewhere in these Technical Specifications.

MATERIALS

- (1) Topsoil
- (2) Fertilizer
- (3) Cover Crop Seed Mix
- (4) Grass Seed Mix
- (5) Stormwater Seed Mix
- (6) Straw Mulch
- (7) Erosion Control Blanket

CONSTRUCTION REQUIREMENTS

Restoration of the disturbed area shall begin by raking, scarifying, tilling, or blading the soil surface to a minimum of 3 in. deep to prepare the disturbed area for the placement of topsoil, fertilizer, and/or plant seed. The soil surface shall be shaped, trimmed, and finished uniformly and blended into the existing adjacent grade. Topsoil may be placed over the disturbed area as needed to smooth out the soil surface, fill in ruts, wheel tracks, and depressions, and blend the disturbed area into the existing adjacent grade. Following preparation of the disturbed area, the soil surface shall have a relatively smooth appearance and shall be relatively free of dirt clods, rocks, sticks, and other irregularities.

Once the surface of the disturbed area has been prepared, fertilizer shall be installed in the disturbed area, as outlined below.

FERTILIZER

- (1) Fertilizer. Fertilizer shall be spread uniformly over all areas disturbed during the performance of the work.

Once fertilizer has been spread uniformly over the surface of the disturbed area, the appropriate plant seed, as outlined below, shall be installed in the disturbed area.

PLANT SEED

- (1) Cover Crop Seed Mix. Cover crop seed mix shall be installed in miscellaneous areas disturbed during the performance of the work, including temporary construction entrances, construction access routes, and, as directed by the Engineer, other areas disturbed during the performance of the work.
- (2) Grass Seed Mix. Grass seed mix shall be installed in areas disturbed during the performance of the work, as shown in the construction plans, including temporary construction entrances, construction access routes, and, as directed by the Engineer, other areas disturbed during the performance of the work.

- (3) Stormwater Seed Mix. Stormwater seed mix shall be installed in areas disturbed during the performance of the work, as shown in the construction plans, including construction access routes, storm sewer trenches, and as directed by the engineer, other areas disturbed during the performance of the work.

The appropriate plant seed shall be installed in the disturbed area using seeding equipment or methods approved by the Engineer. If requested by the Contractor, the Engineer will consider the use of broadcast seeding or hydraulic seeding. Regardless of the seeding method used, the Contractor shall ensure that the disturbed area receives the appropriate plant seed at the seeding rates specified in these Technical Specifications.

Installation of plant seed in disturbed areas shall occur at appropriate times of the year under appropriate weather conditions. Plant seed shall only be installed between March 1 and June 30 or between September 1 and November 30, unless otherwise approved by the Engineer. Under no circumstances shall plant seed be installed when the ground surface is frozen or saturated.

After the appropriate plant seed has been installed in the disturbed area, as appropriate, mulch or erosion control blanket shall be installed over the disturbed area, as outlined below.

STRAW MULCH

- (1) Straw Mulch. Straw mulch shall be uniformly applied over disturbed areas with a slope of flatter than 3:1 (H:V) not delineated on the construction plans. Disturbed areas located in row crop areas shall not receive straw mulch, unless otherwise directed by the Engineer.

EROSION CONTROL BLANKET

- (1) NAG S75BN Erosion Control Blanket. North American Green (NAG) S75BN erosion control blanket, or equivalent, as approved by the Engineer, shall be installed over all disturbed areas.

In order to prevent erosion of the underlying soil surface and washout of the underlying plant seed, the straw mulch or erosion control blanket shall be installed within 24 hours of the installation of the plant seed.

Erosion control blanket shall be installed in accordance with the manufacturer's instructions. It shall be laid out flat, evenly, and smoothly over the disturbed area, without stretching the blanket. If the height of the slope of the disturbed area is greater than 4 ft., the erosion control blanket shall be installed vertically up the slope, perpendicular to the streambank. If the height of the slope of the disturbed area is 4 ft. or less, the erosion control blanket shall be installed horizontally along the slope, parallel to the streambank. If the disturbed area is located within a swale, gully, or stream channel, the erosion control blanket shall be installed parallel to the centerline of the swale, gully, or stream channel, so that there are no perpendicular seams within the swale, gully, or stream channel or longitudinal seams within 2 ft. of the bottom (i.e., invert) of the swale, gully, or stream channel.

Erosion control blanket of insufficient width or length to fully cover the disturbed area shall be lapped or sewn. Overlaps in the erosion control blanket, whether such overlaps will be lapped or sewn, shall be placed so that any upslope section of erosion control blanket will overlap the downslope section. The minimum overlap for lapped sections is 12 in. and the minimum overlap for sewn sections is 4 in. When sewn, overlapped sections of erosion control blanket shall be stitched together at a minimum rate of one stitch per 1.5 in. with the same thread used to manufacture the erosion control blanket, as described in these Technical Specifications.

Erosion control blanket shall be placed in firm contact with the underlying soil surface and then fastened to the underlying soil surface with minimum 6 in. long staples, in accordance with the manufacturer's recommended staple pattern. Each end of the erosion control blanket shall then be anchored to the underlying soil surface in a minimum 12 in. deep by minimum 6 in. wide trench, as shown on the construction plans.

MEASUREMENT

The restoration of all areas disturbed during performance of the work and the various items of work involved, including, but not limited to, temporary construction entrances, construction access routes, storm sewer trenches, and other areas disturbed during the performance of the work shall be considered as incidental to the work and the various items of work involved and will not be measured for payment.

PAYMENT

The restoration of all areas disturbed during performance of the work and the various items of work involved will not be paid for directly but shall be considered as included in the various other items of work involved and shall be included in the unit prices for such items and no additional compensation will be allowed.

GRASS SEED MIX

Grass seed shall be INDOT Seed Mixture R, plus cover crop, in accordance with the following.

DESCRIPTION

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

QUALITY

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

SPECIES

GRASS SEED MIX

<u>SCIENTIFIC NAME</u>	<u>COMMON NAME</u>	<u>LB/AC</u>
<i>Festuca arundinacea</i> "Kentucky 31"	Kentucky 31 tall fescue	95.0
<i>Lolium perenne</i>	Perennial ryegrass	65.0
<i>Festuca rubra</i> "Jasper II"	Jasper II red fescue	<u>10.0</u>
		170.0
 COVER CROP (MARCH 1 – JUNE 30)		
<i>Avena sativa</i>	Seed oats	64.0
<i>Lolium multiflorum</i>	Annual rye	<u>64.0</u>
		128.0
 COVER CROP (SEPTEMBER 1 – NOVEMBER 30)		
<i>Triticum aestivum</i>	Winter wheat	64.0
<i>Lolium multiflorum</i>	Annual rye	<u>64.0</u>
		128.0

STRAW MULCH

Straw mulch shall consist of wheat, barley, oat, or rye straw. The straw mulch shall be air-dry, reasonably light in color, and shall not be musty, moldy, caked, or otherwise of low quality. The use of straw mulch that contains noxious weeds is not permitted.