

**Porter Co. Dept. of Development & Stormwater Management  
Shorewood Forest Ravine Restoration & Storm Sewer Improvements**

**Pre-Bid Meeting  
Discussion Agenda**

**November 21, 2024, 10:00 AM**

**Porter Co. Administration Center, 155 Indiana Ave., Ste. 311, Valparaiso, IN  
also via Videoconference**

**1. Sign-In & Introductions**

- Please include name, company, and contact information on Sign-In Sheet

**2. Project Overview**

- The project is located along Shorewood Drive, between Kent Court & Pickwick Place, in Shorewood Forest Subdivision. The subdivision is located in Section 19, Township 35 North, Range 6 West, in Center Township, Porter County, Indiana.
- The project consists of the installation of new stormwater infrastructure, including the installation of new storm sewers and new storm sewer structures, to replace severely deteriorated existing storm sewers along Shorewood Drive, between Kent Court and Pickwick Place, and the installation of a step pool stormwater conveyance system to stabilize and restore a severely eroded ravine located between 219 and 221 Shorewood Drive.

**3. Bidding Requirements**

- a. Bid Form
  - i. Examination of Bidding Documents & Site
  - ii. Acknowledgement of Addenda
  - iii. Basis of Bid Form
- b. Responsible Bidding Submittal Requirements Form
- c. Bidder's Work History Form
- d. Bidder's Organizational Experience and Workload Form
- e. Bidder's Subcontractor and Supplier Form
  - List entities rendering services or supplies in an amount in excess of 10% of Total Bid
- f. Bid Security
  - In an amount not less than 10% of Total Bid

**4. Contract Award**

- All bids remain subject to acceptance for 60 days after the opening of bids

- Lowest responsive and responsible bidder whose bid is determined to be in the best interests of the project
- Notice of award issued to successful bidder

#### **5. Signing of Agreement**

- Within 10 days of receipt of notice of award, successful bidder shall sign and deliver agreement; contract security (i.e., performance bond – 100% of contract value, payment bond – 100% of contract value); certificate(s) of insurance, incl. insurance policy endorsements; and, E-Verify Affidavit & Certification Regarding Investments in Iran

#### **6. Notice to Proceed/Earliest Date to Begin Work**

- In order to provide Owner with the time needed to acquire all necessary easements and landowner agreements and address encumbrances related to Contractor's use of the site (i.e., necessary utility relocations), earliest date to begin work is Jul. 1, 2025.
- American Rescue Plan Act requires all funds to be obligated by Dec. 31, 2024.

#### **7. Project Description**

##### **a. Storm Sewer**

- New storm sewer, including 872 LFT RCP, Class III or greater, and 16 storm sewer structures, incl. 8 inlets, 7 manholes, and 1 end section, in new alignment & profile
- Abandon or remove existing storm sewer and storm sewer structures as indicated; abandon in place will be via bulkhead and pumping flowable fill, per technical specifications
- Final backfill in pavement loading zone to be Granular Backfill, Class IB (No. 53); placement, compaction, and testing, per technical specifications
- Utilities
  - Utility crossings indicated on Sheets 9 & 10, based on available information; information presented is not guaranteed
  - Protect existing utilities at all utility crossings
  - Storm sewer profile and alignment designed to avoid utilities to maximum extent practicable; INAW planning relocation work to avoid new storm sewer
- Pavement cut and restoration
  - Saw cut and full depth repair storm sewer trench, includes portions of curb and gutter; also mill and resurface remainder of project limits as indicated
  - Quantities are based on limits of construction and governing construction requirements; unless a change is made to the limits of construction by Porter County, additional quantities will not be authorized.
- Maintenance of Traffic
  - Road closure restrictions, per County Standards, technical specifications, and special provisions; Kent Ct. and Pickwick Pl. are dead end streets

- Maintain traffic for residents at all times and coordinate with residents during construction particularly when constructing across their drives
- Restoration plan
  - Topdress with compost or topsoil, install grass seed, install erosion control blanket (Bionet SC150BN) or flexible growth medium (Flexterra HP-FGM)
  - Lump sum based on based on limits of construction and governing construction requirements; unless a change is made to the limits of construction or otherwise previously approved by Porter County, additional payment will not be authorized.
- Over-Excavation of Poor Soils w/ Granular Backfill, Class IA at Bottom of Trench
  - Undistributed quantity of unsuitable soil removal and replacement with suitable material. Estimated quantity (4 FT trench width, 6 IN over-excavation, over 25% of total pipe length). Item as Ordered by Engineer. Use as authorized by Porter County; entire quantity may not be used.
- b. Step Pool Conveyance System
  - Includes 7 cascade weirs (grade change of > 1.5 FT), to be constructed of thick outcropping stone (2.5 ft x 2.5 ft x 1.5 ft (H)), and 6 riffle weirs (grade change of 1 to 1.5 FT), to be constructed of d50 = 6 in. (rip rap, revetment)
    - Quantities are based on surveyed cross-sections and longitudinal profile and governing construction requirements, plus contingency for “tie in” grading
  - Construction access route to include temporary construction entrance and access route ( $\leq$  ~12%) from Shorewood Dr. to head of ravine and through ravine
  - Minimize tree removal, tree trimming; maximize tree protection
    - Lump sum based on based on limits of construction and governing construction requirements; unless a change is made to the limits of construction by Porter County, additional payment will not be authorized.
    - With approval, allow for reuse of material (e.g., tree trunks, tree rootballs, wood chips) in step pool conveyance system
  - Restoration plan
    - Topdress with compost or topsoil, install bluff or streambank plant seed, install erosion control blanket (Bionet SC150BN) or flexible growth medium (Flexterra HP-FGM), install bluff or streambank plant plugs
  - Utilities
    - Frontier firmly indicates it has two cables crossing the ravine near the rear property lines of 219 & 221 Shorewood Dr. Comcast firmly indicates it has facilities within the right-of-way of Shorewood Dr. Cables are present in the ravine. One runs westerly along the bottom of the ravine to the head of the ravine, where it is buried shallow. One is coiled on itself at the bottom of the ravine, unclear where it goes from that point. All known utility owners denying responsibility for cables.

**8. Notable Dates**

- a. Pre-Bid Meeting: Thu., Nov. 21, 2024, 10:00 a.m.
- b. Last Day for Questions: Mon., Nov. 25, 2024, 12:00 p.m. local time. Final addendum to be issued by 4:30 p.m. local time, Tue., Nov. 26, 2024.
- c. Bids Due: Tue., Dec. 3, 2024, 10:00 a.m. local time at the Porter Co. Auditor's Office, 155 Indiana Ave., Ste. 204, Valparaiso, IN 46383.
- d. Bid Opening: Tue., Dec. 3, 2024, 10:00 a.m. local time at the Dept. of Development & Storm Water Management, 155 Indiana Ave., Ste. 311, Valparaiso, IN 46383. Also via videoconference.
- e. Anticipated Contract Award: Tue., Dec. 10, 2024 9:00 a.m. local time during a meeting of the Porter Co. Storm Water Management Board.
- f. Earliest Date to Begin Work: Jul. 1, 2025
- g. Substantial Completion: Nov. 30, 2025
- h. Final Completion: May 30, 2026

**9. Questions**