
MEETING MINUTES

May 27, 2021, 10:00 am

155 Indiana Ave., Ste. 311 and Video Conference

Pre-Bid Meeting

Windy Oaks Subdivision – Storm Water Management System Improvements, Phase 2

1. Sign-in and Introductions

A sign-in sheet was passed around to all attendees (attached) and introductions were made.

2. Project Overview and History

The project is located between CR 600 W and CR 675 W on the north side of CR 250 S in the Windy Oaks Subdivision. The Windy Oaks detention basin outlet (i.e., swale) also serves as the low flow and flood conveyance route for an off-site drainage area located to the northeast. The swale is undersized and improperly constructed to effectively serve both the detention basin and the off-site drainage area. The detention basin is also undersized, is improperly graded, and does not adequately drain. There are also drain tiles, which serve individual septic system perimeter/curtain drains within the subdivision, located below the surface of the detention basin and below the detention basin outlet. This has caused drainage and flooding issues throughout the subdivision, and has created nuisance conditions (e.g., ponding, difficult to maintain) within the detention basin and swale. This project includes the installation of a storm sewer that will serve as the detention basin outlet, improvements to the existing swale, which will continue to serve as the low flow and flood conveyance route for the off-site drainage area, and enhancements to the detention basin to provide additional storage and improved conditions within the basin. The project will also include other appurtenant improvements, including the replacement of road and driveway culverts along the route of the project.

3. Overview of Bidding Documents & Bidding Requirements

- A. Bid Form
- B. Basis of Bid Form – submit revised Basis of Bid Form that was issued in Addendum 1
 - i. Base Bid
- C. Responsible Bidding Submittal Requirements Form
- D. Bidders Work History Form
- E. Bidders Organizational Experience and Workload Form
- F. Bidders Subcontractor and Supplier Form
 - i. List entities comprising 10% or more of the bidder's total cost.
- G. Bid Security
 - i. 10% of total bid.
 - ii. Certified check, bank money order, or Bid Bond issued by acceptable surety.

4. Project Description

- A. 60 LF of 48" RCP, Class III (CR 250 S culvert)
- B. 1,165 LF of 36" RCP, Class III (Detention basin outlet & off-site low flow route)
- C. 67 LF of 12" PVC, SDR 35 (Detention basin outlet)



- D. 170 LF of 18" PVC, SDR 35 (Storm sewer/detention basin inlet)
- E. 1 Storm Sewer Structure, 4 ft. diameter (Type 1)
- F. 5 Storm Sewer Structures, 5 ft. diameter (Special)
- G. 1 Storm Sewer Structures, 6 ft. diameter (Special)
- H. 177 LF of 48" CMP, 12 GA., Type 2 (Aluminized) (Driveway culverts)
- I. 97 LF 5 FT x 3 FT RCP (Driveway culvert)
 - i. Re-use existing culvert
- J. Grading Ditches & Swales
 - i. 600 LF of Downstream Swale (Off-site flood route)
 - ii. 270 LF of Upstream Swale (Off-site flood route)
 - iii. 50 LF of Emergency Spillway (Detention basin emergency spillway)
- K. Road cut and repair and/or reconstruction
 - i. Driveways
 - ii. CR 250 S
- L. Excavation and/or fill for detention basin

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 receipt 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 for warranty period.
 - 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., May 27, 2021, 10:00 am.
- B. Last Day for Questions: Tue., Jun. 1, 2021 12:00 pm local time. Final addendum to be issued by 4:30 pm local time, Tue., Jun. 1, 2021.
- C. Bid Due Date: Thu., Jun. 3, 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., Jun. 3, 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 – Oct. 31, 2021
 - ii. Final Completion – Nov. 30, 2021

7. Questions

- Q1: For Work Item #17A, "STORM SEWER STRUCTURES, 5 FT. DIA., 4-8 FT. DEEP", the Basis of Bid Form shows QTY. 1; however, the construction plans show QTY. 2. Please clarify.
- A1: The correct quantity of "Storm Sewer Structures, 5 Ft. Dia., 4-8 Ft. Deep" is QTY. 2. The Basis of Bid Form was revised to reflect the correct quantity. Such revised Basis of Bid Form was issued with Addendum 1. Please replace the original Basis of Bid for with such revised Basis of Bid Form.
- Q2: For Work Item #11A, "STORM SEWER, 15" PVC, SDR 35", the Basis of Bid Form shows 15" PVC, but the construction plans show 18" PVC. Please clarify.
- A2: This work item, and the associated work items, including excavation, dewatering, bedding & initial backfill, final backfill, and flared end section (i.e. work items 11B-11F), were incorrectly identified as Storm Sewer, 15" PVC, SDR 35 on the original Basis of Bid Form. There is no 15" PVC storm sewer included in the work. The Basis of Bid Form was revised to correctly identify this work item and associated work items as Storm Sewer, 18" PVC, SDR 35. Such revised Basis of Bid Form was issued with Addendum 1. Please replace the original Basis of Bid for with such revised Basis of Bid Form.
- Q3: For Work Item #26, "GRADING DITCHES & SWALES, UPSTREAM SWALE", the quantity shown on the Basis of Bid Form is QTY. 225 LF, but the construction plans show QTY. 270 LF. Please clarify.
- A3: The correct quantity of "GRADING DITCHES & SWALES, UPSTREAM SWALE" is QTY. 270 LF. The Basis of Bid Form was revised to reflect the correct quantity. Such revised Basis of Bid Form was issued with Addendum 1. Please replace the original Basis of Bid for with such revised Basis of Bid Form.
- Q4: Is it the intent of the Department to leave the existing trees in place along Windy Oak Drive on the west side of the detention basin?
- A4: Yes, it is the intent of the Department to preserve the trees located within the "overbank" area on the west side of the detention basin, along Windy Oak Dr. During Phase 1, all but one of these trees was able to be preserved during the installation of the 18" storm sewer. Please note that the actual location of the trees is closer to Windy Oak Dr. than they appear on the construction plans due to the shadows that show up on the aerial photography.

Q5: Is the detail for Full Depth HMA Repair on Sheet 6 for Work Item 23, "ROAD CUT & REPAIR, CR 250 S"?

A5: Correct, the detail for Full Depth HMA Repair is for Work Item 23, "ROAD CUT & REPAIR, CR 250 S". As shown, the repair includes 12" of compacted base (No. 53 or 73 coarse aggregate), 3" HMA Binder, and 1.5" HMA Surface.

Q6: What detail should be used for Work Item 22, "ROAD CUT & REPAIR, DRIVEWAYS"?

A6: The repairs completed for Work Item 22, "ROAD CUT & REPAIR, DRIVEWAYS" should match the existing pavement depths (i.e., base and pavement). However, the existing pavement depths are unknown to the Department at this time. For bidding purposes, bidders shall assume that such repairs will be completed using 5" concrete or 3" HMA on 6" of compacted base (No. 53 or 73 coarse aggregate), depending on whether or not such driveways are concrete or asphalt driveways.

Q7: Are cast in place watertight connectors required on the storm sewer structures, or can the storm sewer be bricked and mortared in place?

A7: Cast in place watertight connectors are required where non-concrete pipe (i.e., PVC storm sewer) will be connected to concrete storm sewer structures. Where concrete pipe will be connected to concrete storm sewer structures, the Department will allow the use of "brick and mortar"-type connections.

Q8: Please clarify the type of flared end sections that should be used for the various types of pipe to be used on the project.

A8: Metal flared end sections should be used on PVC storm sewers (i.e., Work Items #10F and #11F), and RCP flared sections should be used on RCP storm sewers (i.e., Work Item #13E).

Q9: For Work Item #11A, "STORM SEWER, 18" PVC, SDR 35" the Basis of Bid Form shows QTY. 170 LF; however, the construction plans show QTY. 159 LF. Please clarify.

A9: The amount of 18" PVC pipe shown on the construction plans is 159 LF, which extends from the outfall to the approximate location of the existing stub. However, as-built data was not collected on the location of the existing stub following completion of Phase 1. Therefore, Work Item #11A includes an allowance in case additional pipe is needed to connect to the existing storm sewer. For bidding purposes, bidders shall use QTY. 170 LF for Work Item #11A, "STORM SEWER, 18" PVC, SDR 35", as shown on the Basis of Bid Form. The quantities for the associated work items, including excavation (Work Item #11B), bedding & initial backfill (Work Item #11D), and final backfill (Work Item #11E) were calculated based on a storm sewer length of 170 LF.

Q10: For the "ROAD CUT & REPAIR" work items, if a larger area needs to be cut than what is depicted on the plans and Basis of Bid Form, will that additional area be paid by the unit price submitted on the Basis of Bid Form, or is the additional area considered incidental to the work item?

A10: Any additional/larger road cut and repair areas should first be reviewed and approved by the Department as additional work. Payment of such approved additional work will be at the unit prices associated with such work items, in accordance with Section 104.03 of the General Specifications.

WINDY OAKS SUBDIVISION - STORM WATER MANAGEMENT SYSTEM IMPROVEMENTS, PHASE 2

PRE-BID MEETING

MAY 27, 2021 (10:00 AM CST)

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WINDY OAKS SUBDIVISION - STORM WATER MANAGEMENT SYSTEM IMPROVEMENTS, PHASE 2

PRE-BID MEETING

MAY 27, 2021 (10:00 AM CST)

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JOSHE GARCIA	GARY MATHEWAL SUPPLY	Office: Cell: Fax:	VDA VIDEO CONFERENCE
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