



**ADDENDUM NO. 2
TO SPECIFICATIONS AND PLANS FOR THE
CITY OF GROSSE POINTE FARMS
SEWER SEPARATION PROGRAM CONTRACT NO. 1 – STORMWATER FORCE MAIN AND GRAVITY SEWER**

ISSUED: February 6, 2025

HRC Job No. 20230186

This Addendum is issued prior to receipt of bids to provide for certain changes and clarifications to the Specifications and/or the Drawings, as herein specified, and is hereby made a part of the Contract Documents and shall be taken into consideration in preparing the bids. All other conditions remain the same. **The Bidder shall acknowledge the receipt of this Addendum by signing below, including this Addendum with their bids, and writing in the requested Addendum information in the Addenda section on the Bid Form.** Failure to acknowledge the Addenda Section of the Bid Form in the submission of the bid may be justification for the bid being rejected as non-responsive.

The following lists the extent of this Addendum No. 2. Descriptions of the changes or clarifications are given within the heading.

PRE-BID MEETING MINUTES: Attached with Addendum No. 2 herein.

GENERAL – BIDDER QUESTIONS:

1. Can the engineer clarify the “no open trenches at end of workday” requirement?

HRC RESPONSE: Where no open trenches will be permitted or where open construction areas are to be filled at the end of each workday as indicated on the Drawings or in the Specifications, the intent of this requirement is to ensure the public’s safety and minimize disruption to the public. No excavations/trenches shall remain open overnight, at the end of a workday, or during other downtimes in the work without proper safety measures and protections in place as described below.

- a) On the Country Club of Detroit (CCD) Property, a trench may remain open provided this open trench does not exceed 20’ in length or 20’ in width, and the trench is sufficiently covered in addition to temporary protection fencing in the ongoing work area.
 - b) While working in the City of Grosse Pointe Farms’ right of way, road plate to cover the trench, concrete barriers, security fencing, lighted barricades, and other control measures otherwise necessary to prevent public access to an open trench may be used in lieu of backfilling the trench at the end of each workday. Sufficient space on either side of the trench must remain available for homeowners to travel to/from their residence.
 - c) For all open construction trenches, the contractor shall allow access for residents to their homes within two (2) hours of their operations. The Contractor shall safeguard all open trenches from the public by use of temporary fencing and barricading during periods of downtime.
 - d) The above does not relieve the Contractor from adhering to other work constraints as related to open trenches at the end of a workday set forth in the Drawings or Specifications.
2. Can the engineer clarify the restoration requirements on CCD property?

HRC RESPONSE: The scope of work for CCD’s restoration is described in Specification 01210 Allowances.

3. Does the future pump station site (352 Chalfonte Avenue) need to be fully restored by project’s end, given a new construction project in this area will follow in the near future?

HRC RESPONSE: The current driveway onto this property is in poor condition and is expected to be damaged beyond use following the project due to construction activity. Remove the driveway and any temporary maintenance aggregate used to stabilize the staging area entirely following completion of construction. Regrade the site to match existing conditions and restore the disturbed grass by hydroseeding as required to close out the Soil Erosion permit from Wayne County. This work shall be considered incidental to the unit price pay items for force main installation and restoration.

4. Can the engineer clarify the difference between the trench backfill types noted on the plans and described in the specifications? Specification section 01000, paragraphs 1.8.F and 1.8.G describe Trench A and Trench B respectively. Trench B does not describe the type of backfill material that can be used and includes drives and parking lots where CLII sand is typically used for backfilling. Furthermore, Trench A describes the backfill to be used as MDOT CLII material. However, the trench detail shown on sheet SD-3, which the plans refer, shows native material placed above the pipe and then topsoil placed above that material, with no dimensions provided for the backfill. Additionally, there is no difference between Type A and Type B in the detail shown on SD-3. What is the backfill material that can be used for Trench Type A and what is the material that is to be used for Trench Type B?

HRC RESPONSE: The trench details and standard details have been modified as part of this addendum. The details are to take precedence over Specification 01000.

5. Can the engineer clarify the difference between the “Force Main Bedding and Backfill” detail and the “Trenching” detail shown on sheet SD-3. Also, since both details are labeled “Type A Modified”, where are these details to be applied on the drawings?

HRC RESPONSE: The trench details have been modified as part of this addendum.

6. The bedding details shown on the SD-3 drawing conflicts with the bedding detail shown on the trench box excavation detail on sheet S-20. Which is correct?

HRC RESPONSE: Both details have been modified as part of this addendum.

7. What is the Type Std. bedding requirement?

HRC RESPONSE: See the standard details and trench details modified as part of this addendum.

8. With regards to specification section 01950 paragraph 3.1.G, does this requirement include the opening of the trench where the pipe installation ends for the day or is this requirement only for the previously installed pipe? If this requirement encompasses the entire trench, including the trench area where pipe installation will begin the next day, will the Owner remove the requirement to backfill the trench at the end of each day if other means of resident access are made available by the Contractor?

HRC RESPONSE: See response to General Bidder Question #1.

9. Please provide the CCTV data referenced in section 01950 paragraph 3.5.C.8.

HRC RESPONSE: Request this information from Nathaniel Coffin, P.E., by contacting via email at ncoffin@hrcenr.com. Data will be provided digitally via a file transfer site.

10. Will the temporary 21AA aggregate placed to meet the requirements of section 01950 paragraph 3.1.G also be allowed to be used as the permanent aggregate base for the roadway?

HRC RESPONSE: Yes, provided the temporary aggregate meets the requirements of the permanent aggregate base and the aggregate does not become contaminated with clays, sands, etc. from construction activities, and as a result fail to meet the specified gradation. Where the Engineer suspects contamination is present, the permanent aggregate shall be removed and replaced or sifted at no additional cost.

11. With regards to section 02201, is vibration monitoring only required if the Contractors selected means and methods of excavation shoring require vibration producing equipment such as vibratory, air or hydraulic hammers? Or is this required at the locations specified, regardless of the means and methods?

HRC RESPONSE: Vibration monitoring will be required regardless of the means and methods.

12. In the Bid Form, pay item 13 is for Trench Undercut and Backfill, in units of TON. Specification section 01220 and 02315 describe this item as paid for by “the cubic yard”. Please clarify which payment unit is correct.

HRC RESPONSE: The payment unit is to be cubic yards.

13. In the Bid Form, pay item 55, Subgrade Undercutting is also a TON unit in the bid form. Specification section 01220 describes this item as paid for by “the cubic yard”. Please clarify which payment unit is correct.

HRC RESPONSE: The payment unit is to be cubic yards.

14. In the Bid Form, pay item 57 is for Aggregate Base, 21 AA Limestone, in the units of TON. Specification section 01220 describes this item as paid for by “the cubic yard”. Please clarify which payment unit is correct.

HRC RESPONSE: The payment unit is to be cubic yards.

15. Section 01220 includes a description for a bid item number 22, “Storm Sewer, 15-Inch RCP ASTM C76 Class IV, Type Std., Tr. A”. There is no corresponding bid item on the Bid Form, this causes the bid numbers on the Bid Form and in the bid item description section to be off by one number. Is the bid item that is included in section 01220 supposed to be a bid item?

HRC RESPONSE: Storm Sewer, 15-inch RCP C76 Class IV, Tr. A has been added to the proposal. The proposal has been reissued with this addendum.

16. Can the engineer confirm that the provisionary allowance for the PCCP pipe also covers all ancillary materials for the installation of the pipe, I.E. gaskets, joint diapers, joint lubricants, shop drawings, lay schedules, special pipe lengths, etc.

HRC RESPONSE: The materials listed in the Supporting Proposal Documentation Specification 00305 is covered by the referenced provisionary allowance. Any items not listed should be clarified with Thompson Pipe Group, and those costs included in the appropriate bid items (i.e. items 14 or 15 in the Proposal form).

17. Is the cost of the Thompson Pipe representative on site for the inspections required under specification 02663 covered by the provisionary allowance?

HRC RESPONSE: Yes, see updated Thompson Pipe Group Quote provided with this Addendum No. 2.

18. For subcontractors and suppliers associated with the provisionary allowances, will the Contractor be executing a contract or purchase order directly with the vendors, or will this be done between the Owner and the vendor? If it is the Contractor, will the Contractor's form and language for the terms and conditions to be used or will the Contractor have to use the vendor's terms and conditions? If it is the vendor's, will the Owner meet the payment obligations required by the vendor?

HRC RESPONSE: The Owner will not be executing any purchase orders or contracts with vendors. For example, the terms and conditions included in the Supporting Proposal Documentation Specification 00305 for Thompson Pipe Group are provided for the Contractor's reference only.

19. For work performed by CCD staff during construction, will CCD be providing the necessary insurance to perform such work in the construction work area? Is this cost covered by the provisionary allowance?

HRC RESPONSE: The Country Club of Detroit, much like Thompson Pipe Group's role in this project, are sole performers for specific aspects of the work. The allowance covers labor and materials only. Insurances, processing payments, scheduling of the work, etc. are for the Contractor to coordinate with the Country Club of Detroit.

20. Is a lay schedule available for the PCCP pipe?

HRC RESPONSE: A lay schedule has been provided with this addendum for reference.

21. Can the engineer clarify how the CCD Drive crossing is paid for, as shown on Sheet C-5.

HRC RESPONSE: Road replacement is paid for by items 59, 64, and 65 in the Proposal issued with this Addendum.

22. Does the topsoil removed and stockpiled on CCD property have to remain in the construction work limits or is there another location that it can be stockpiled?

HRC RESPONSE: Yes, must remain in the construction work limits.

23. With regards to note three (3) on sheets C-2, C-3, C-4 and C-5, does this note restrict only the pipe parallel to the trench or all pipe and soil stored on the CCD property prior to and during construction. If the latter, can this restriction be removed? This will cause the work to take longer in the CCD property area.

HRC RESPONSE: Only pipe parallel to the trench. Intent of this note is to minimize visual disruptions to the public during construction.

24. Will the CCD be performing restoration in the same 500-foot area once the pipe is installed or will the restoration take place once all of the pipes are installed?

HRC RESPONSE: Scheduling restoration work shall be coordinated with the Country Club of Detroit.

25. Per specification section 01220, the trench "TYPE" refers to bedding and the "Tr." refers to the backfill with regards to the 48" and 60" pipe pay items. The drawings only delineate the trench "TYPE". For example, on sheet C-4, the notes for the backfill state "Trench Type "A" Modified (See detail on sheet SD-3)" and on sheet C-5, the drawings show the 60" sewer installed with both "Trench TYPE "A"" and "Trench TYPE "B"". However, there is no delineation for the backfill or "Tr.". Please clarify the trench backfill delineations for the various excavations.

HRC RESPONSE: See trench details and standard details modified as part of this addendum.

26. Please provide a detail for Trench TYPE “A” and Trench TYPE “B”. The trench types are shown in the drawings, but there is no detail.

HRC RESPONSE: See trench details modified as part of this addendum.

27. Bid Item 19 is for 60” with Type B bedding. Referring to the quantities sheet on C-0, the bid quantity of 37 LF appears to be in line with the “Storm Sewer, 60-Inch RCP C76 Class IV, Concrete Cradle Type B, Tr. A”, which equates to 37 LF from sheet C-8 and C-7. This leads to several questions:
- Is the pay item meant to pay for pipe installed with a concrete cradle, and if so, why does it not include all of the concrete cradles for both CLV and CLIV 60-inch pipe?
 - Is there supposed to be a corresponding pay item for the concrete cradles on the 48-inch PCCP pipe or are the cradles to be included in the current 48-inch pay items?
 - Should pay item 19 be labeled the same as on sheet C-0?

HRC RESPONSE: See the trench details and standard details modified as part of this addendum.

28. Is the CCD installing the grass pavers by the transition structure?

HRC RESPONSE: No, but coordination for restoration is required and is included in the Allowance for Country Club of Detroit Restoration and Infrastructure Replacement.

29. Reference Sheet S-9 Braced Excavation Notes Note 5 dictates that vertical steel sheet piling and the use of vibratory hammer is not permitted for braced excavations. Sheet C-9 shows “Temporary sheeting for construction” at the existing outfall structure, and also a “Temporary Cofferdam” which is to be sheeting to hold back river water. Please confirm that steel sheet piling and vibratory hammer can be used at the outfall location for these applications as well as any braced excavation for the new proposed outfall structure.

HRC RESPONSE: Provide the TERS system as specified on the Drawings and in the Specifications.

SPECIFICATION MANUAL CHANGES:

- SECTION 00010 – TABLE OF CONTENTS (**ISSUED**)
 - Replace this Specification entirely.
- SECTION 00030 – ADVERTISEMENT FOR BIDS (Not Issued)
 - Change the Pre-Bid Question deadline from Monday, February 10, 2025 at 5:00 p.m., Local Time to Wednesday, February 12, 2025 at 5:00 p.m., Local Time.
 - In the Description of Work section, replace the sentence beginning with “In general,...” with the following: “In general, the work consists of installing approximately 3,350 LF of 48-inch PCCP stormwater force main, 3,100 LF of 60-inch and 350 LF 38-inch by 60-inch RCP stormwater gravity sewer, and several cast in place structures.”
- SECTION 00300 – PROPOSAL (**ISSUED**)
 - Replace this Specification entirely.

4. SECTION 00300A – THOMPSON PIPE GROUP QUOTE (**ISSUED**)
 - Replace this Specification entirely.
5. SECTION 01210 – ALLOWANCES (Not Issued)
 - Delete “ALTERNATES” from header in Specification and replace with “ALLOWANCES.”
 - In Section 3.2.D, replace “The Contractor is to, within the same payment application...” with “The Contractor **shall**, within the same payment application...”
 - Change title of Section 3.6 to “EXPLORATORY EXCAVATION AND UTILITY LOCATING.”
 - In Section 3.7.A, replace the word “deleted” with “cleared.”
6. SECTION 01220 – BID ITEM DESCRIPTION (**ISSUED**)
 - Replace this Specification entirely.
7. SECTION 01900 – SOIL CONDITIONS AND BORING LOGS (**PARTIALLY ISSUED**)
 - Provided memorandum from FK Engineering Associates as 01900C.
 - Reissued Specification Section 01900, updating the items listed in the Soil Conditions Section.
8. SECTION 01950 – SEQUENCE OF CONSTRUCTION AND SPECIAL PROJECT REQUIREMENTS (**ISSUED**)
 - Replace this Specification entirely.
9. SECTION 02225 – ROLLED EROSION CONTROL PRODUCTS (**ISSUED**)
 - New Specification issued with this Addendum No. 2.
10. SECTION 02233 – COIR FIBER ROLLS (**ISSUED**)
 - New Specification issued with this Addendum No. 2.
11. SECTION 02315 – UTILITY TRENCHING, BACKFILL AND COMPACTION (Not Issued)
 - Deleted “Section 02336 – Horizontal Directional Drilling (Water Main)” from Section 1.1.D Related Requirements.
 - Deleted the struck through word “granular” from Section 1.3.B.2
 - Deleted the redundant word “rock” from Section 3.3.1.6.
12. SECTION 02663 – PRESTRESSED CONCRETE CYLINDER PIPE (PCCP) (Not Issued)
 - Change Design Pressure (psi) from 50 to 75 in Section 2.1.A.1.
 - In Section 2.2.A.2, change “...or C-595 Type L cement” to “...or C-595 Type IL cement.”
 - Replace Section 3.3.G.4 with the following: “Snap Ring Joint Restraints manufactured by Thompson Pipe Group shall be installed per the Lay Schedule provided by Thompson Pipe Group.”

DRAWING CHANGES: For all drawings, see bubbled changes on drawing.

1. COVER DRAWING
2. DRAWING G-1
3. DRAWING G-2
4. DRAWING C-0

5. DRAWING C-1
6. DRAWING C-2
7. DRAWING C-3
8. DRAWING C-4
9. DRAWING C-5
10. DRAWING C-5A
11. DRAWING C-6
12. DRAWING C-7
13. DRAWING C-7A
14. DRAWING C-8
15. DRAWING C-8A
16. DRAWING C-9
17. DRAWING C-10A
18. DRAWING C-10B
19. DRAWING C-11A
20. DRAWING C-11B
21. DRAWING C-11C
22. DRAWING C-12A
23. DRAWING C-12B
24. DRAWING C-12C
25. DRAWING C-13A
26. DRAWING C-13B
27. DRAWING C-13C
28. DRAWING C-14
29. DRAWING C-18

30. DRAWING C-19
31. DRAWING C-20
32. DRAWINGS C-23 THRU C-34: New Drawings added by this Addendum.
33. DRAWING SD-2
34. DRAWING SD-3
35. DRAWING SAN-DT
36. DRAWING WM-1
37. DRAWING WM-2
38. DRAWING WM-3
39. DRAWING S-1
40. DRAWING S-2
41. DRAWING S-5
42. DRAWING S-7
43. DRAWING S-8

SUMMARY:

This Addendum No. 2 has been issued in order to clarify, modify, and add additional items to the original Bid Package. A copy of the amended pages of the Contract Documents noted in Addendum No. 2 herein have been posted online at <http://www.hrcengr.com/bid-info> and must be utilized during the preparation of bids and incorporated into the Bid Documents.

The Bidder shall acknowledge receipt of Addendum No. 2 by signing in the location provided below and incorporating this Addendum No. 2 with the submission of his bid. Failure to include Addendum No. 2 and its attachments may result in rejection of the bid.

End of Addendum No. 2

Received and Acknowledged By:

Company: _____

Signature: _____

Printed Name: _____

Title: _____

Date: _____

