

**ADDENDUM NO. 2**  
TO  
PROCUREMENT AND CONTRACTING REQUIREMENTS  
FOR  
**NineStar CR200 Sewer – Division II**  
FOR  
NINESTAR CONNECT  
Issue Date: November 7<sup>th</sup>, 2023

---

**BIDS ARE DUE BY**  
**Thursday November 9<sup>th</sup>, 2023**  
**10:00 AM (Local Time)**  
**Attn. Alan Martin, Manager of Water and Wastewater Utilities, NineStar Connect – 2243 E Main**  
**Street; Greenfield, IN 46140**

---

This addendum consists of seven (7) pages and the following attachments:

**No Attachments**

The following, as additions to and modifications in the Bidding Requirements and Contract Documents, will be included in, and become a part of the **NineStar CR200 Sewer – Division II**. This Addendum forms a part of the Contract Documents. Bidders are, therefore, instructed to take the following into account in rendering any Bid for this work. Acknowledge receipt of this Addendum in the space provided on the Bid Form.

**CHANGES TO PRIOR ADDENDA:**

Clarification:

1. The question was asked if contractors would have to be preapproved by INDOT in order to do this project. Contractors will need to be permitted to work in INDOT right of way; however, they will not need to complete this permit or be on any INDOT-specific lists prior to bidding.

**CHANGES TO PROCUREMENT REQUIREMENTS: (N/A)**

**CHANGES TO CONTRACTING REQUIREMENTS: (N/A)**

**CHANGES TO SPECIFICATIONS:**

- a. Specification 00 41 13 Article 5 – Basis of Bid Item 2 was updated to show \$20,000 Unit Price and \$20,000 Total for Maintenance of Traffic.

**CHANGES TO DRAWINGS: (N/A)**

**CHANGES TO MISCELLANEOUS DOCUMENTS: (N/A)**

**SUBMITTED QUESTIONS/REQUESTS & RESPONSES:**

**2. Emailed Questions**

- a. Q: It appears that there is not enough ROW to perform HDPE Casing Installations via HDD. Can the installation be switched to Steel Casing via Jack and Bore?
  - i. A: Casing installations can be found on Sheets C260 and C404. Based on the drawings, it appears that this question is referring to the casing of gravity sewer on C404, as the easement in this area is tight on the east side of the casing. If the contractor determines that additional temporary easement will be required to install the casing(s), the contractor will be responsible for securing such construction easements. The bid should be filled out based upon the shown installation method. After the contract is awarded, RQAW and NineStar would be open to receiving pricing information regarding different installation methods.
- b. Q: At what point does the Division I contractor pick up the 8” Dual Force Mains that discharge at the new Headworks?
  - i. A: The Division II contractor will need to bring force main all the way to the headworks site, and bring the pipe above ground and cap. The Division I

contractor will then hook on and finish the remaining above-grade portion of the work.

- c. Q: NineStar Connect Specifications allows the use of the following pipe materials, Polyvinyl Chloride Pipe (PVC) and Ductile Iron Pipe (DIP) for Gravity Sanitary Sewers Per Section 5.08, Part A, paragraph(s) 1,2, and 3. Please confirm that HDPE pipe is acceptable.
  - i. A: NineStar finds HDPE pipe to be acceptable for this project for FORCE MAIN. For Gravity Sewer, as shown in drawings, PVC RJ piping will be required.
- d. Q: If HDPE pipe is acceptable (for FM), please confirm pipe O.D. requirement. (IPS) Iron Pipe Size or (DIPS) Ductile Iron Pipe Size.
  - i. A: Ductile Iron Pipe Size (DIPS) should be used.
- e. Q: Please confirm 12 gauge tracing wire is to be used. This gauge seems light, typically 10 gauge is used for directional drilling as well as thicker wire jackets.
  - i. A: This is correct per Specification 33 31 13.
- f. Q: Please confirm only one (1) tracer wire is required for installation. Typically, 2-3 wires are used when directionally drilling.
  - i. A: This is correct per Specification 33 31 13.
- g. Q: Please confirm AWWA C153 MJ Cement Lined Ductile Iron Fittings in conjunction with HDPE MJ (Harvey) Adapters are allowed.
  - i. A: This is correct.
- h. Q: Section 33 31 13 – Sanitary Gravity Sewer, Part 1.2 E Plastic Pipe paragraph 2 says that Plastic Pipe is to comply with ASTM F679 and SDR 21. ASTM F679 is a bell and spigot gravity sewer pipe available with 2 wall thicknesses SDR-35/PS46 and SDR-26/PS115. SDR-21 is not an available option for ASTM F679 solid wall pipe. Please confirm pipe material type, class was intended to be used.
  - i. A: The base bid will remain as SDR 21 and the bid form will be updated to include a deduct to SDR 26 meeting ASTM F679.
- i. Q: Please confirm casing pipe material type, class, O.D. to be used.
  - i. A: HDPE Pipe, DR-11 DIPS. For C404 Gravity Sewer crossing the casing will be 30". For the force main, one casing or two side-by-side casings can be used. (C205). Contractor is to determine appropriate size based on method of casing.
- j. Q: Please confirm carrier pipe material type, class, O.D. to be used.
  - i. A: The same pipe material as the rest of the carrier pipe will be used as carrier pipe within the casing pipe.
- k. Q: Please provide Sanitary Sewer Air Release Valve approved models and sizes as noted on detail note number 4.
  - i. A: NineStar's Standard requires 2-inch Valvomatic Model 801-BW or approved equal.
- l. Q: Is there enough room for a 5' separation between lines for drilling the force main?
  - i. A: Yes, if drilling two force mains with 5' separation, attention should be taken to maintain the force mains as close to one side of the easement as possible, leaving

enough room for a water main with 10' separation to be installed in a future project.

- m. Q: What size casing is to be used?
  - i. A: Per Specification 01 20 00 Contract Item 11 Casing Pipe, the Work under this Contract Item includes installation of casing pipes as shown on the drawings. Contractor will be responsible for selecting size of casing where not indicated. Contractor will be responsible for selecting one large casing, following Detail 19 on Sheet C903, or two adjacent casings for dual force main.
- n. Q: Who is performing the clearing, and will this be done in time prior to construction?
  - i. NineStar will be completing the tree clearing as indicated on Addendum #1 revised sheets for both divisions and pre-bid meeting minutes. Contractor will be responsible for coordinating with NineStar so that tree clearing will be complete prior to construction in that area. The payment for grubbing will fall under Contract Item 5 – Surface Restoration.
- o. Q: The plans call for spectra lining. Can we use mainstay oxi lining instead?
  - i. Keynote C on gravity sewer sheets allows for "or-equal" products to Spectratech.
- p. Q: Is the gravity sewer C-900 or IPS?
  - i. A: NineStar standards require PVC force main to have identifying markings meeting C-900. Gravity sewer is intended to be yellowmine RJ SDR 21 or approved equal. Therefore, the NineStar standards are not applicable
- q. We are not touching the outside just the inside of manholes?
  - i. In specification 33 05 13 – Part 1.M.2, it calls for two coats of a bituminous coating when precast structures are below the groundwater table at the owner's discretion. On wet wells, according to 33 32 19 – Part 2.3.J states that an impregnated coating be used to prevent buildup. NineStar Connect does not have any specific standards for coating requirements. Please bid based on a coating that meets AWWA/ASTM standards.
- r. Q: Does the owner have a water source for drilling or do we purchase from the City of Greenfield?
  - i. A: See 01 50 00 TEMPORARY FACILITIES AND CONTROLS PART 1 SECTION 1.4 USE CHARGES C - Water Service: Pay water-service use charges for water used by all entities for construction operations. See 01 50 00 TEMPORARY FACILITIES AND CONTROLS PART 1 SECTION 1.4 USE CHARGES E - Provide water and electric meters for water and electric power services connections. Coordinate with Owner on whether a specific meter type is required for monitoring service.
- s. Q: Does the owner have a location for extra spoils from the project, both Dump Trucks and Vac Truck?
  - i. A: See 33 05 07.13 UTILITY DIRECTIONAL DRILLING PART 1. L - Excavated material, including but not limited to, pipe, pavement, concrete, and concrete rubble, and masonry units, which is unsuitable for backfill and all excavated material which has not been used for backfill shall, upon completion of the project, be removed from the site of the work by the contractor at his own expense. See 33

05 07.13 UTILITY DIRECTIONAL DRILLING PART 1. P -Mud and slurry material displaced by the pipe during installation and during drilling operations shall be deposited in watertight containers and hauled off by a vacuum truck to a certified receiving site

- t. Q: Does the owner have a location for storage of containers, excess equipment, and trucks?
  - i. A: See General Note 21 on Sheet G001. – Once the contractor is awarded the project they will need to specify location within the construction limits they would like to use for staging. The owner will then approve said locations prior to work beginning. Also see 01 50 00 TEMPORARY FACILITIES AND CONTROLS PART 1 SECTION 1.5 INFORMATION SUBMITTALS A. - Site Utilization Plan: Show temporary facilities, temporary utility lines and connections, staging areas, construction site entrances, vehicle circulation, and parking areas for construction personnel.
- u. Q: In Pre-Bid Meeting it was mentioned construction materials can be placed on the right of way. Is this correct?
  - i. A: See General Note 21 and 22 on Sheet G001. “SOIL STOCKPILE SHALL BE LOCATED WITHIN THE TEMPORARY EASEMENTS ALONG THE PROJECT” Also see 01 50 00 TEMPORARY FACILITIES AND CONTROLS PART 1 SECTION 1.5 INFORMATION SUBMITTALS A. - Site Utilization Plan: Show temporary facilities, temporary utility lines and connections, staging areas, construction site entrances, vehicle circulation, and parking areas for construction personnel.
- v. Q: Is a job trailer needed? If so, does the owner have a lot to place it with utility access?
  - i. A: No, a job trailer is not required. If the contractor chooses to provide a job trailer for the site, they must do so in accordance with Section 01 50 00 of the specifications.
- w. Q: Force Main test pressure spec. says 1 1/2 times pump shut-off head. Can you estimate how many pounds?
  - i. A: See 33 01 30.13 SANITARY SEWER, FORCE MAIN, AND MANHOLE TESTING PART 2 TESTING EQUIPMENT SECTION 2.2 PRESSURE TESTING OF BURIED OR EXPOSED FORCE MAINS D - Test the piping at a minimum of 100 psi, or 1.5 times the upstream pump shut-off head as determined from the pump manufacturer’s performance curves, whichever is greater.
- x. Q: With concerns on the depth of the 24” bore under I-70 can we Jack and Bore this section? The concern is blow-outs at such a shallow depth pulling a 24” casing.
  - i. A: Per Specification 01 20 00 Contract Item 11 Casing Pipe, the Work under this Contract Item includes installation of casing pipes as shown on the drawings. Contractor will be responsible for selecting size of casing where not indicated.

Contractor will be responsible for selecting one large casing, following Detail 19 on Sheet C903, or two adjacent casings for dual force main.

- y. Q: Can you tell me the minimum and maximum distance between the (2) 8" Force Mains running side by side?
  - i. A: Minimum: 2.0 ft & Maximum: 3.5 ft.
- z. Q: In section 5-Sanitary Sewer Systems 5.07 does this spec. include Directional Drilled HDPE?
  - i. A: Yes, this does include directional drilled HDPE
- aa. Q: Whose responsibility is it to do connections at Lift Stations and Combination Vault?
  - i. A: It is the responsibility of the Division I Contractor. See Lift Station Notes below from Division I plans Sheet C101  
9.SEWER CONNECTION TO WET WELL SHALL BE KOR-N-SEAL,A-LOK, DURA-SEAL, OR OWNER APPROVED EQUAL.  
10.FORCE MAIN PENETRATIONS OF WET WELL AND VALVE PIT SHALLBE WATERTIGHT THROUGH THE USE OF PORTLAND CEMENTGROUT.
- bb. Q: Contract does not pay for Stored Material?
  - i. A: See 00 73 00 SUPPLEMENTARY CONDITIONS ARTICLE 15 PAYMENTS TO CONTRACTOR; SET OFFS; COMPLETION; CORRECTION PERIOD SC 15.01.B 4. . Stored Materials - Individual items with value of not less than \$10,000 are eligible for payment by Owner as stored materials. Contractor may request payment of stored materials as approved by the Owner, submit a separate schedule for Materials Stored showing line item, description, previous value received, value incorporated into the work, and present value. Payment for stored materials is not guaranteed.
- cc. Q: On SHT C201 at approximate STA 31+80 it calls out for a 1" ARV, the detail appears to require a 2". Please clarify requirement.
  - i. A: 2" ARV will be required.
- dd. Q: In the areas of the dual 8" force main, the drawings show a 3.5' separation. If we elected to HDD these areas, would it be acceptable to pull both 8" HDPE pipes simultaneously?
  - i. A: Yes.
- ee. Q: The profile drawings of the 18" gravity sewer call out RJ SDR 21. The contract items and the specification refer to SDR 21. Please clarify if this pipe is to be restrained joint.
  - i. A: Pipe will not be restrained joint.
- ff. Q: Is there any temporary construction easement available for the gravity sewer installation? Being nearly 20' deep in some areas with a 30' wide easement is not enough

room with the pipe in the center of the easement. The bore crossing CR 200W will require additional construction easement as well.

- i. A: No. Easement widths were designed assuming trench boxes will be used for deep sewer installation. The pipe will not be going within the center of the easement. That section of the alignment will not allow for additional easement.
- gg. Q: Please clarify the casing material required for the I-70 crossing. The plans call for HDPE. The casing detail for highways says 24" HDPE in section A-A, the elevation detail says steel casing, and note 7 says steel pipe with a minimum wall thickness of 0.188".
  - i. A: HDPE casing pipe will be used. Contractor will determine diameter of casing pipe and confirm with Engineer after bidding.
- hh. Q: On SHT C405 the disturbed wetland area measures approximately 0.22 acres. Note E limits the disturbance to 0.1 acres. Open cut methods of construction will exceed the limit of 0.1. Please clarify installation method / requirements.
  - i. A: Please clarify how the 0.22 acres was determined. No hatch was provided to indicate the limits of wetland disturbance. A hatch was shown to indicate tree clearing extents, which will be performed by NineStar outside of the scope of this project.
  - ii. R: The wetland area in excess of .1 ac. This was measured off sheet C405.
  - iii. A: Only earthwork disturbance from trench excavation is considered in the 0.1 acres. It is anticipated that gravity sewer will be able to be installed in trenches with minimal layback. Disturbance from tree clearing and grubbing will be performed by Ninestar, outside of the scope of this project.
- ii. Q: The specifications require tracer wire to be installed on the gravity sewer. Is this correct?
  - i. A: No. Tracer wire shall not be installed on the gravity sewer.
- jj. Q: Can you provide more detail for air reliefs?—model? Do you really want a 60" manhole?
  - i. A: Combination – See Detail 14 on C903
  - ii. A: NineStar would accept 4' diameter concrete manhole. See air release structure on p. 60 of NineStar standards for an acceptable alternative for an air release valve structure. This detail also specifies Valvomatic Model 801-BW or approved equal.

+ + END OF ADDENDUM + +

PLEASE ACKNOWLEDGE THIS ADDENDUM IN THE BID FORM YOU SUBMIT.



Certified: \_\_\_\_\_

Engineer

Date: 11/07/2023

**ADDENDUM NO. 2**  
TO  
PROCUREMENT AND CONTRACTING REQUIREMENTS  
FOR  
**NineStar CR200 Sewer – Division I**  
FOR  
NINESTAR CONNECT  
Issue Date: November 7<sup>th</sup>, 2023

---

**BIDS ARE DUE BY**  
**Thursday November 9<sup>th</sup>, 2023**  
**10:00 AM (Local Time)**  
**Attn. Alan Martin, Manager of Water and Wastewater Utilities, NineStar Connect – 2243 E Main**  
**Street; Greenfield, IN 46140**

---

This addendum consists of five (5) pages and the following attachments:

**Attachment No. 1 – NineStar SCADA Master Plan**

The following, as additions to and modifications in the Bidding Requirements and Contract Documents, will be included in, and become a part of the **NineStar CR200 Sewer – Division I**. This Addendum forms a part of the Contract Documents. Bidders are, therefore, instructed to take the following into account in rendering any Bid for this work. Acknowledge receipt of this Addendum in the space provided on the Bid Form.

**CHANGES TO PRIOR ADDENDA:**

Clarification:

1. The question was asked if contractors would have to be preapproved by INDOT in order to do this project. Contractors will need to be permitted to work in INDOT right of way; however, they will not need to complete this permit or be on any INDOT-specific lists prior to bidding.



**CHANGES TO PROCUREMENT REQUIREMENTS: (N/A)**

**CHANGES TO CONTRACTING REQUIREMENTS: (N/A)**

**CHANGES TO SPECIFICATIONS:**

- a. Specification 00 41 13 Article 5 – Basis of Bid Item 6 was updated to show \$20,000 Unit Price and \$20,000 Total for Maintenance of Traffic.
- b. Attachment No. 1 to this addendum is provided to clarify Ninestar instrumentation and controls requirements.

**CHANGES TO DRAWINGS: (N/A)**

- c. On all sheets, the make and model of the PLC requested from Compact Logix L24ER series should be Allen Bradley 5380 Series of PLCs and IO modules. These changes impact the following sheets:
  - i. E206, notes 13, 14, 15, 16, 17
  - ii. E306, notes 13, 14, 15, 16, 17
  - iii. E403, notes 20, 37, 38, 39, 40
  - iv. NOT the L24ER-QBFC1B called out on E141, note 16
- d. On all sheets where a FIBER TO ETHERNET CONVERTER/SWITCH is specified:
  - i. Instead should read -- “Ethernet switch to be provided by NineStar Connect”.
- e. On sheets E206, E306, and E403 – Delete the HMI from these panels.
- f. On sheet E202, note 36 (and specifications) – instead of the specified MUT2200US Magnetic Flow Meter owner requests an equivalent Magnetic Flow Meter from either Rosemont or Siemens manufacturers as an alternative.
- g. On sheet E202, note 35 – instead of the specified PDA2300-Series enclosure, substitute the Flow Meter manufacturer’s equivalent FIT as an alternative.
- h. Sheet E206, note 29 – Instead of one (1) Analog ISB there should be 3. The ISB’s should also be used for the flow meter signals as well.
- i. Sheet E304, note 25 – This 4-channel digital ISB does not require a box. The box may be deleted.

**CHANGES TO MISCELLANEOUS DOCUMENTS: (N/A)**

**SUBMITTED QUESTIONS/REQUESTS & RESPONSES:**

## 2. Emailed Questions

- a. Q: I couldn't find the auger channel depth or the top of vault elevation on the drawings. Can you please let me know?
  - i. A: The top of concrete at the headworks is designed at 859.00. The channel bottom is located on C708, which shows channel at a 1% slope discharging at 855.00. This means channel depth is approximately 4 feet.
- b. Q: Please confirm whether the auger discharge is to be off to the side or straight down?
  - i. A: The discharge of the Auger screenings should drop straight down into a dumpster.
- c. Q: Is the intent for Wessler to take care of the programming for this project or can our I&C sub include this in their scope?
  - i. A: Wessler will handle all SCADA programming as an on-call directly for NineStar and will work with the I&C but if the integrator is working off our SCADA Master Plan then all the equipment should be correct.
- d. Q: At what point does the Division I contractor pick up the 8" Dual Force Mains that discharge at the new Headworks?
  - i. A: The Division II contractor will need to bring force main all the way to the headworks site, and bring the pipe above ground and cap. The Division I contractor will then hook on and finish the remaining above-grade portion of the work.
- e. Q: Bid form states an MOT allowance but no allowance is specified. Can an allowance amount be provided?
  - i. The allowance is up to a maximum of \$20,000.
- f. Q: Specification 33 32 19 2.3\J-Is a coating required on any of the precast structures? If so, can a product be specified?
  - i. A: In specification 33 05 13 – Part 1.M.2, it calls for two coats of a bituminous coating when precast structures are below the groundwater table at the owner's discretion. On wet wells, according to 33 32 19 – Part 2.3.J states that an impregnated coating be used to prevent buildup. NineStar Connect does not have any specific standards for coating requirements. Please bid based on a coating that meets AWWA/ASTM standards.
- g. Q: The MBE and WBE goals: Are we to use INDOT certified MBE and WBE's or can they be certified on any local or national list?
  - i. A: Any MBE/WBE business is acceptable. These goals and the good faith efforts worksheet are simply to show that you have made an attempt to work with such

companies. There are no minimum percentage requirements to bid the project, only goals.

- h. Q: Please confirm a generator is not required in Division 1. No specifications are given.
  - i. A: Generator(s) are required according to Addendum Number 1. Please refer to the addendum adjusted drawings as well as additional specifications for more information.
- i. Q: Page C701 drawings- what size area velocity flow meter is required? No size given.
  - i. A: 8" flow meter is required.
- j. Q: Page C701 drawings- A note reads "Proposed stairs. See details on page C902." No details were given on sheet C902. Can a detail be added for the stairs?
  - i. A: Apologies. The stair detail can actually be found along the top of page C901 under "Steel Stair Detail."
- k. Q: Can the limits of clearing & grubbing at the boulders location be given? Currently no limits and a very vague note.
  - i. A: All tree clearing work will be done by others for both divisions where indicated on the drawings (Addendum No. 1). As far as general grubbing, the contractor should clear an area large enough to do site work as drawn.
- l. Q: C704-Note A- states "Contractor to grout existing 8-inch core." Can this be clarified or defined? What core are we grouting?
  - i. A: There is an 8"-diameter hole that connects the existing headworks to the existing Aeromod facility. This hole will need to be grouted when the existing headworks is removed to ensure that wall of the WWTP remains water-tight.
- m. Q: At the Philadelphia site- will the Aeromod tank be drained by others to allow connection of the 12 inch pipe?
  - i. A: Ninestar is currently operating the Aeromod facility and will drain the tankage as appropriate to complete work.
- n. Q: Page C900 drawings detail HDPE pipe transition-Will the division 2 contractor be required to provide this detail or will the Division 1 contractor? I think we just stub out 2-5' from the structures and cap for future connections by Division 2 contractor.
  - i. A: The Division I contractor will be responsible for the stub as you describe. Coordination should be done with the Division II contractor to connect linear work to proposed facilities; which will likely include the transition detail.
- o. Q: Please confirm all stairs are to be both galvanized and painted.
  - i. A: See sheet S100 for information regarding the stairs. More specifically. The Note states "ALL STRUCTURAL STEEL GRATING AND HARDWARE SHALL BE

HOT-DIP GALVANIZED. ALL FIELD WELD SHALL BE TOUCHED UP WITH TWO COAT OF GALVANIC PAINT.”

- p. Q: Is Wessler only providing integration services and the software for the SCADA system?
  - i. A: This is correct. Wessler will not be providing the hardware. Wessler would have a separate contract with NineStar and not through the bidding process of this project.
- q. Q: Is the Sugar Creek Lift Station hatch to be reused or replaced? The note on C702 ‘Existing 36”X54” Access Hatch. Contractor to field verify hatch size prior to placing order’ is unclear.
  - i. A: The necessary hatch size will need to be verified in field. The contractor should determine whether this could be replaced in kind or upsized.
- r. Q: Will equal screens be allowed to bid?
  - i. A: We prefer the in-line grinder but are open to reviewing any or-equal products during the submittal process.
- s. Q: Is there a plan for dealing with the dewatering discharge from wet wells? The FM Combo Vault, and the CR 300 North Lift Stations location do not have a stream close by to run discharge to.
  - i. A: The discharge from the wet wells shall be discharged into the nearest stormwater inlet or ditch.
- t. Q: Is the auger in the screen stainless or carbon steel?
  - i. A: SECTION 46 24 36 - MODULAR GRINDING-SCREENING-COMPACTING EQUIPMENT – This specification references stainless steel.

+ + END OF ADDENDUM + +

PLEASE ACKNOWLEDGE THIS ADDENDUM IN THE BID FORM YOU SUBMIT.



Certified: \_\_\_\_\_

Engineer

Date: 11/07/2023

RQAW Corporation

NineStar Connect CR 200 W Sewer – Division II

**BID FORM**

NINESTAR CONNECT

CR 200 W Sewer – Division II

**TABLE OF CONTENTS**

	<b>Page</b>
ARTICLE 1 – Bid Recipient .....	1
ARTICLE 2 – Bidder’s Acknowledgements.....	1
ARTICLE 3 – Bidder’s Representations .....	1
ARTICLE 4 – Bidder’s Certification.....	2
ARTICLE 5 – Basis of Bid .....	3
ARTICLE 6 – Time of Completion.....	4
ARTICLE 7 – Attachments to this Bid.....	4
ARTICLE 8 – Defined Terms.....	4
ARTICLE 9 – Bid Submittal .....	6

**ARTICLE 1 – BID RECIPIENT**

1.01 This Bid is submitted to:

***NineStar Connect  
2243 East Main Street  
Greenfield, IN 46140***

1.02 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with Owner in the form included in the Bidding Documents to perform all Work as specified or indicated in the Bidding Documents for the prices and within the times indicated in this Bid and in accordance with the other terms and conditions of the Bidding Documents.

**ARTICLE 2 – BIDDER’S ACKNOWLEDGEMENTS**

2.01 Bidder accepts all of the terms and conditions of the Instructions to Bidders, including without limitation those dealing with the disposition of Bid security. This Bid will remain subject to acceptance for 60 days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of Owner.

**ARTICLE 3 – BIDDER’S REPRESENTATIONS**

3.01 In submitting this Bid, Bidder represents that:

A. Bidder has examined and carefully studied the Bidding Documents, and any data and reference items identified in the Bidding Documents, and hereby acknowledges receipt of the following Addenda:

<u>Addendum No.</u>	<u>Addendum, Date</u>
_____	_____
_____	_____
_____	_____
_____	_____

B. Bidder has visited the Site, conducted a thorough, alert visual examination of the Site and adjacent areas, and become familiar with and satisfied itself as to the general, local, and Site conditions that may affect cost, progress, and performance of the Work.

C. Bidder is familiar with and has satisfied itself as to all Laws and Regulations that may affect cost, progress, and performance of the Work.

D. Bidder has carefully studied all: (1) reports of explorations and tests of subsurface conditions at or adjacent to the Site and all drawings of physical conditions relating to existing surface or subsurface structures at the Site that have been identified in the Supplementary Conditions, especially with respect to Technical Data in such reports and drawings, and (2) reports and drawings relating to Hazardous Environmental Conditions, if any, at or adjacent to the Site that have been identified in the Supplementary Conditions, especially with respect to Technical Data in such reports and drawings.

- E. Bidder has considered the information known to Bidder itself; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Bidding Documents; and any Site-related reports and drawings identified in the Bidding Documents, with respect to the effect of such information, observations, and documents on (1) the cost, progress, and performance of the Work; (2) the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder; and (3) Bidder's safety precautions and programs.
- F. Bidder agrees, based on the information and observations referred to in the preceding paragraph, that no further examinations, investigations, explorations, tests, studies, or data are necessary for the determination of this Bid for performance of the Work at the price bid and within the times required, and in accordance with the other terms and conditions of the Bidding Documents.
- G. Bidder is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Bidding Documents.
- H. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Bidding Documents, and confirms that the written resolution thereof by Engineer is acceptable to Bidder.
- I. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for the performance and furnishing of the Work.
- J. The submission of this Bid constitutes an incontrovertible representation by Bidder that Bidder has complied with every requirement of this Article, and that without exception the Bid and all prices in the Bid are premised upon performing and furnishing the Work required by the Bidding Documents.

#### **ARTICLE 4 – BIDDER'S CERTIFICATION**

##### 4.01 Bidder certifies that:

- A. This Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any collusive agreement or rules of any group, association, organization, or corporation;
- B. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid;
- C. Bidder has not solicited or induced any individual or entity to refrain from bidding; and
- D. Bidder has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the Contract. For the purposes of this Paragraph 4.01.D:
  - 1. "corrupt practice" means the offering, giving, receiving, or soliciting of any thing of value likely to influence the action of a public official in the bidding process;
  - 2. "fraudulent practice" means an intentional misrepresentation of facts made (a) to influence the bidding process to the detriment of Owner, (b) to establish bid prices at artificial non-competitive levels, or (c) to deprive Owner of the benefits of free and open competition;
  - 3. "collusive practice" means a scheme or arrangement between two or more Bidders, with or without the knowledge of Owner, a purpose of which is to establish bid prices at artificial, non-competitive levels; and



4. “coercive practice” means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process or affect the execution of the Contract.

**ARTICLE 5 – BASIS OF BID**

5.01 Bidder will complete the Work in accordance with the Contract Documents for the following price(s):

Item No.	Description	Unit	Estimated Quantity	Unit Price	Total Price
1	Mobilization and Demobilization	LS	1		
2	Maintenance of Traffic	ALLOW	1	\$20,000	\$20,000
3	Construction Engineering	LS	1		
4	Erosion and Sediment Control	LS	1		
5	Surface Restoration	LS	1		
6	8-Inch Force Main DR-11 HDPE	LF	30,940		
7	18-Inch Gravity Sanitary Sewer, SDR 21 PVC, Less Than or Equal to 10 FT Depth	LF	530		
8	18-Inch Gravity Sanitary Sewer, SDR 21 PVC, More Than 10 FT Depth	LF	4,590		
9	Manhole, Precast Concrete, Less Than or Equal to 10 FT Depth	EA	1		
10	Manhole, Precast Concrete, More Than 10 FT Depth	EA	11		
11	Casing Pipe	LF	283		
12	Full Depth Granular Backfill	CYD	790		

---

**Total Base Bid Price** \$ \_\_\_\_\_

---

**BID ALTERNATE**

Item No.	Description	Unit	Estimated Quantity	Unit Price	Total Price
1	Deduct to Downgrade 18-Inch Gravity Sanitary Sewer pipe to SDR 26 PVC	LF	5,120		

**ARTICLE 6 – TIME OF COMPLETION**

- 6.01 Bidder agrees that the Work will be substantially complete and will be completed and ready for final payment in accordance with Paragraph 15.06 of the General Conditions on or before the dates or within the number of calendar days indicated in the Agreement.
- 6.02 Bidder accepts the provisions of the Agreement as to liquidated damages.

**ARTICLE 7 – ATTACHMENTS TO THIS BID**

- 7.01 The following documents are submitted with and made a condition of this Bid:
  - A. Required Bid security;
  - B. List of Proposed Subcontractors;
  - C. List of Proposed Suppliers;
  - D. List of Project References;
  - E. Bidder’s License No.:  demonstrating evidence of authority to do business in the state of Indiana.
  - F. Required Bidder Qualification Statement (Form 96) with supporting data;
  - G. American Iron and Steel Certification;
  - H. Good Faith Efforts Worksheet ;
  - I. E-Verify Affidavit

**ARTICLE 8 – DEFINED TERMS**

- 8.01 The terms used in this Bid with initial capital letters have the meanings stated in the Instructions to Bidders, the General Conditions, and the Supplementary Conditions.

**ARTICLE 9 – BID SUBMITTAL**

BIDDER: *[Indicate correct name of bidding entity]*

By: \_\_\_\_\_  
*[Signature]*

\_\_\_\_\_  
*[Printed name]*  
*(If Bidder is a corporation, a limited liability company, a partnership, or a joint venture, attach evidence of authority to sign.)*

Attest: \_\_\_\_\_  
*[Signature]*

\_\_\_\_\_  
*[Printed name]*

Title: \_\_\_\_\_

Submittal Date: \_\_\_\_\_

Address for giving notices:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Telephone Number: \_\_\_\_\_

Fax Number: \_\_\_\_\_

Contact Name and e-mail address: \_\_\_\_\_  
\_\_\_\_\_

Bidder's License No.: \_\_\_\_\_  
*(where applicable)*

(NO TEXT FOR THIS PAGE)