

VILLAGE OF CRESTLINE

CRESTLINE, OHIO

SPECIFICATIONS FOR SEWER SEPARATION IMPROVEMENTS – PHASE I

ADDENDUM NO. 1

OCTOBER 28, 2011

All prospective bidders are hereby notified that this addendum forms a part of the contract documents and modifies the original bidding documents dated OCTOBER, 2011. Acknowledge receipt of this addendum in the space provided in the bid proposal section of the specifications. Failure to do so may subject the bidder to disqualification.

PREPARED BY:

GGJ, INC.  
35585 Curtis Boulevard, Unit C  
Eastlake, Ohio 44095  
(440) 953-1567 (voice)  
(440) 953-0580 (fax)

**\*\*THIS ADDENDUM IS BEING TRANSMITTED VIA  
FAX ONLY. NO “HARD COPY” WILL BE SENT.\*\***

**Please acknowledge receipt by signing below  
and faxing back this cover sheet only ASAP  
to (440)953-0580.**

**COMPANY** \_\_\_\_\_

**NAME** \_\_\_\_\_

**DATE** \_\_\_\_\_

## **GENERAL COMMENTS**

- Flow monitoring Data will be available on the GGJ website ([www.ggjengineers.com](http://www.ggjengineers.com)) by the end of the day.
- Contractor shall have all dump sites preapproved by the Ohio EPA before using. This process does not require a monetary fee but the Contractor will have to demonstrate control over stormwater pollution at each potential site.
- The Village has a site located at 7606 Crestline Road that can be used as a wasting site/ staging site. Contractor may contact Marc Milliron, Village Administrator about this location. The Contractor will be responsible to establish temporary stormwater controls as needed during construction and leave the site in a maintenance free state for the Village after construction.
- Security fencing is required around the proposed standby generator the cost shall be included in the price for the generator. The fence shall be approximately 18' by 20'. A 10 foot gate opening to be located on the North side (being an 18' foot side).
- Clearing and grubbing is generally limited to the improvements in Area "G". Clearing shall be performed at a minimum of 10' on either side of the proposed sanitary sewer. Any additional clearing needed for construction access will be the responsibility of the contractor.
- The Contractor should assume that Indiana Bats will be a concern, all clearing and grubbing shall be performed prior to April. Reasonable efforts shall be made to maintain larger trees within the improvement areas.
- The Village intends to have temporary easements in place for the property in Area "B" along the creek and with the apartment complex property in Area "D" prior to construction.
- Due to the funding application process for this project the funding will not be approved for this project until December 8<sup>th</sup>, 2011. The Contractor should anticipate construction to begin after the first of the year. Time for completion will be adjusted accordingly.

## **CONTRACT SPECIFICATIONS**

### **1. SECTION 00300 (BID PROPOSAL FORM)**

**REMOVE:** Entire Section

**REPLACE:** Entire Section

Village of Crestline  
**SEWER SEPARATION IMPROVEMENTS – PHASE 1**

**BASIS OF PAYMENT**

**GENERAL:** Payment for the work Items shall be at the total unit or lump sum price Bid for each unit of work completed and accepted in accordance with the Contract Documents.

The latest "State of Ohio, Department of Transportation, Construction and Material Specifications" manual shall govern the material and procedures used in this project, if not otherwise specified in the project Specifications or noted on the Drawings.

**PRICES TO INCLUDE:** For each Bid Item, the total unit price or lump sum price Bid shall be considered full compensation for the completed and accepted work, and shall include all labor, materials, tools, equipment and transportation needed to perform the work in accordance with the Contract Documents so as to provide a complete and properly functional system. The General Contractor shall be responsible for reviewing the contents and conditions of all Contract Documents as they may relate to the work under this Contract and comply with the requirement thereof.

**ITEM 1** – BONDS AND INSURANCE (ODOT ITEM 103)

A. Payment:

1. The lump sum amount stated in the Bid Schedule for bonds and insurance shall include all bonds and insurance required to be in force at the commencement of the work. Successful bidder will be required to provide receipts verifying the actual costs of this item when known.
2. Subsequent expenses for bonds and insurance as may be necessary throughout the contract period for changes to the contract or for other occurrences, shall not be a part of this item.
3. Fees for bonds and insurance due to changes in the work shall be respectively a part of the cost of that work.

**ITEM 2** – MOBILIZATION (ODOT ITEM 624)

A. Work included: As described in Section 00800 Supplementary Conditions SC-22 and other work incidental to this Item.

B. Payment: Lump Sum price with payments as specified in Section 00800 Supplementary Conditions SC-22.

**ITEM 3** – MAINTAINING TRAFFIC (ODOT ITEM 614)

A. Description: This work in this Item shall consist of maintaining and protecting vehicular and pedestrian traffic at the work area while the contract is in force, in accordance with the latest Ohio Department of Transportation Construction and Material Specifications, including all current supplemental specifications, standard construction drawings, all specifications and drawings in these Contract Documents and in this contract book.

B. Payment: The Lump Sum Price bid for Item Maintaining Traffic shall include the cost of removal of conflicting pavement markings and placement of interim markings, maintaining the existing roadways in a safe condition for public use, providing flaggers and their equipment, furnishing, maintaining and subsequently removing temporary traffic control items as required by the plans and specifications.

#### **ITEM 4** –STANDBY GENERATOR & PUMP STATION MODIFICATIONS

- A. Measurement: Shall be on the lump sum basis for the total amount of work to be performed under this item. This item includes all work performed in Site "A".
- B. Payment: The lump sum price stipulated to be paid for the Standby Generator improvements shall be full compensation for the complete installation including all work shown on the drawings and as specified herein. Work shall include but not limited to gas service line, Concrete pad, security fence, self enclosed standby generator, automatic transfer switch, all electrical modifications to the Pump Station including all components, controls, and appurtenances necessary as shown on electrical drawings and specified in the electrical specifications and restoration of all disturbed areas and utilities, and other work as shown on the Drawings and specified in the Contract Documents for a complete and ready-for-use installation.

#### **ITEM 5** –STRUCTURES REMOVED

- A. Description: This work in this Item shall consist of the removal of existing Manholes, Bar Screen Structure, and CSO Box Structure (MH #90) as shown on the Drawings and/or Specifications.
- B. Payment: The unit price stipulated shall be full compensation for each Structure removed. The price shall include furnishing labor, backfill, compaction, sheeting, shoring, restoring all disturbed areas and utilities to complete the work as shown on the Drawings and specified in the Contract Documents for a complete and ready-for-use installation.
- C. Disposal of Structures shall be as follows:
  - 1. All removed material shall be disposed of by the Contractor at his own expense.
  - 2. All castings shall be stored by the contractor for salvage by the OWNER

#### **ITEM 6** – VAULT ABANDONMENT

- A. Description: This work in this Item shall consist of the abandonment of the existing vault on Williams Street and Crestline Street as shown on the Drawings and/or Specifications.
- B. Payment: The unit price stipulated shall be full compensation for each Structure abandoned. The price shall include furnishing labor, backfill, compaction, sheeting, shoring, restoring all disturbed areas and utilities to complete the work as shown on the Drawings and specified in the Contract Documents for a complete and ready-for-use installation.
- C. Disposal of Materials shall be as follows:
  - 1. All removed material shall be disposed of by the Contractor at his own expense.
  - 2. The Owner reserves the right to maintain ownership and salvage any castings, grates, or lids.

#### **ITEM 7** – MANHOLE ABANDONMENT

- A. Description: This work in this Item shall consist of the abandonment of existing manhole on Williams Street and Crestline Street as shown on the Drawings and/or Specifications.
- B. Payment: The unit price stipulated shall be full compensation for each manhole abandoned. The price shall include furnishing labor, backfill, compaction, sheeting, shoring, restoring all disturbed areas and utilities to complete the work as shown on the Drawings and specified in the Contract Documents for a complete and ready-for-use installation.
- C. Disposal of Manholes shall be as follows:
  - 1. All removed material shall be disposed of by the Contractor at his own expense.
  - 2. The Owner reserves the right to maintain ownership and salvage any castings, grates, or lids.

**ITEM 8 – REMOVE & REPLACE CONCRETE STEPS**

- A. Description: This work shall consist of removal and disposal of each existing set of concrete/stone steps and constructing in kind new concrete steps as shown on the plans and specifications.
- B. Payment: The unit price stipulated shall be paid per each set of steps installed, and shall be full compensation for removal, disposal, furnishing and placing all materials including labor, equipment, and all necessary incidentals to complete the work as shown on the Drawings and specified in the Contract Documents for a complete and ready-for-use installation.

**ITEM 9 – TREE REMOVED**

- A. Description: The work in this Item consist of the removal and disposal of existing trees as shown on the Drawings and/or Specifications and as follows:
  - 1. All removed material shall be disposed of by the Contractor at his own expense.
  - 2. It is the Contractor's responsibility to field verify the trees located within the construction limits. All trees shown to be removed within the drawings are to be included in this bid item.
- B. Payment: The unit price stipulated shall be full compensation for the lump sum of trees removed as shown on the Drawings and specified in the Contract Documents including labor, equipment, stump removal, restoration to affected areas, and disposal of same by the contractor.

**ITEM 10 – CLEARING & GRUBBING**

- A. Description: This work in this Item shall consist of all construction clearing and grubbing as shown in the Drawings and/or specified in the Contract Documents, including but not limited to tree removal within the limits of the disturbed wooded area.
- B. Payment: The Lump Sum Price bid for this Item shall include all clearing and grubbing as shown in the Drawings and/or specified in the Contract Documents.

**ITEM 11 – CONCRETE CURB REMOVED**

- A. Description: The work in this Item shall consist of the removal and disposal of concrete curbs as shown on the Drawings and/or Specifications and as follows:
  - 1. All removed material shall be disposed of by the Contractor at his own expense.
  - 2. A neat joint shall be sawed or otherwise cut at the removal limit if it does not occur at an existing joint.
- B. Payment: The unit price stipulated shall be full compensation for removal of lineal foot of curb shall include but not limited to all labor, equipment, saw cutting and disposal of same by the contractor.

**ITEM 12 – RESTORATION: TOPSOIL, SEEDING & MULCHING**

- A. Description: The quantity of each type of restoration: topsoil, seeding and mulching will be measured for unit price payment purposes will be the number of square yards of topsoil, seeding and mulching acceptably placed and compacted when required per detail as specified over an area with the contract (pay) limits.
- B. Payment: The unit price stipulated to be paid per square yard of restoration: topsoil, seeding and mulching work performed and measured for payment purposes shall be full compensation for the actual number of square yards furnished and installed which is directly or indirectly caused by the work as shown on the Drawings and specified in the Contract Documents for a complete and ready-for-use installation.

#### **ITEM 13** – RESTORATION: MULCHING

- A. Description: The quantity of each type of restoration: mulching will be measured for unit price payment purposes will be the number of square yards of mulching acceptably placed and compacted when required per detail as specified over an area with the contract (pay) limits.
- B. Payment: The unit price stipulated to be paid per square yard of restoration: mulching work performed and measured for payment purposes shall be full compensation for the actual number of square yards furnished and installed which is directly or indirectly caused by the work as shown on the Drawings and specified in the Contract Documents for a complete and ready-for-use installation.

#### **ITEM 14** – CONCRETE CURB & GUTTER REMOVAL & REPLACEMENT

- A. Description: This work shall consist of removal and disposal of existing concrete curb and gutter materials and constructing Concrete curb and gutter as shown on the plans and specifications.
- B. Payment: The unit price stipulated shall be paid per lineal foot installed of this item, and shall be full compensation for removal, disposal, furnishing and placing all materials including labor, equipment, and saw cutting to complete the work as shown on the Drawings and specified in the Contract Documents for a complete and ready-for-use installation.

#### **ITEM 15** – TYPE 'C' PAVEMENT REPLACEMENT

- A. Description: The work in this Item shall consist of the full depth replacement of pavement in the areas shown on the Drawings. All replacement shall be in accordance with O.D.O.T. Items 301, 304, 407, 448, & 702.
  - 1. All removed material shall be disposed of by the Contractor at his own expense.
- B. Payment: The unit price stipulated to be paid for each square yard of pavement replacement shall be full compensation for the actual number of square yards, calculated from payment limits as called for in the contract drawings, completed in compliance with the contract drawings and specifications and accepted for payment purposes and shall include furnishing all labor, materials, tools, appliances and equipment necessary thereto and, in connection with same, restore all disturbed site features and other items plus provide all appurtenances to complete the work as shown on the Drawings and specified in the Contract Documents for a complete and ready-for-use installation. Any replacement or restoration of pavement necessary outside the pay limits specified on the contract drawings will be paid at the expense of the Contractor.

#### **ITEM 16** – SIDEWALK REMOVAL & REPLACEMENT

- A. Description: This item of work shall consist of removal and disposal of existing sidewalk materials and constructing concrete walks in reasonable close conformity with lines, grades and dimensions shown on the plans or established by the Engineer.
- B. Payment: The unit price stated for concrete sidewalk removed and replaced walk shall be full compensation for the actual number of square foot, calculated from pay limits, including labor, excavation, backfill, base course, expansion joint, forming, and excavation and removal of all excavated material, completed in compliance with the contract Drawings and Specifications.

#### **ITEM 17** – CURB RAMP

- A. Description: The work in this Item consists of construction of concrete curb ramps as shown on the plans and specifications.
- B. Payment: The unit price stipulated for each curb ramp shall be for the materials and labor to complete the work as shown on the Drawings and specified in the Contract Documents for a complete and ready-for-use installation.

**ITEM 18** – ASPHALT DRIVE REMOVAL & REPLACEMENT

- A. Description: This work shall consist of removal and disposal of existing driveway materials and constructing an asphalt pavement as shown on the plans and specifications.
- B. Payment: The unit price stipulated shall be paid per square yard of this item, and shall be full compensation for furnishing and placing all materials including labor, equipment, and saw cutting to complete the work as shown on the Drawings and specified in the Contract Documents for a complete and ready-for-use installation.

**ITEM 19** – GRAVEL DRIVE REMOVAL & REPLACEMENT

- A. Description: This work shall consist of removal and disposal of existing driveway materials and constructing gravel driveway as shown on the plans and specifications.
- B. Payment: The unit price stipulated shall be paid per square yard installed of this item, and shall be full compensation for removal, disposal, furnishing and placing all materials including labor, equipment, and saw cutting to complete the work as shown on the Drawings and specified in the Contract Documents for a complete and ready-for-use installation.

**ITEM 20** – CONCRETE DRIVE & INT. CURB REMOVAL & REPLACEMENT

- A. Description: This work shall consist of removal and disposal of existing driveways and constructing of a replacement as shown on the plans and specifications. The depth shall match the existing driveway sections that are being removed.
- B. Payment: The unit price stipulated shall be paid per square yard of this item, and shall be full compensation for removal, disposal, furnishing and placing all materials including labor, equipment, and saw cutting to complete the work as shown on the Drawings and specified in the Contract Documents for a complete and ready-for-use installation.

**ITEM 21** – SIPHON DIVERSION STRUCTURE

- A. Description: This work consists of the construction of Siphon Diversion Structures of the type and sizes shown on the Drawings and/or specified.
- B. Payment: For each Item - Siphon Diversion Structure shall be as stated below:
  - 1. The unit price stated for each precast Siphon Diversion Structure shall be full compensation for the Structure, furnished, installed, and connected in accordance with the Drawings and Specifications including excavation, backfill, labor, material, equipment, restoration, and removal of existing manholes.
  - 2. The unit price stated in the Bid Schedule shall include precast sections, waterproofing, steps, grade adjusting, labor, construction, backfill, compaction, regular and drop connections, frame and covers, restoration of all disturbed areas and utilities, and all other appurtenances for the work shown on the Drawings and/or specified in the Construction Documents for a complete and ready-for-use installation.

**ITEM 22 – 48" SANITARY MANHOLE**

- A. Description: This work consists of the construction of Manholes of the type and sizes shown on the Drawings and/or specified.
- B. Payment: For each Item - Manholes shall be as stated below:
1. The unit price stated for each precast concrete manhole shall be full compensation for the manholes, furnished, installed, and connected in accordance with the Drawings and Specifications including excavation, backfill, labor, material, equipment, restoration, and removal of existing manholes.
  2. The unit price stated in the Bid Schedule shall include precast sections, waterproofing, manhole steps, grade adjusting, labor, construction, backfill, compaction, regular and drop manhole connections, frame and covers, restoration of all disturbed areas and utilities, and all other appurtenances for the work shown on the Drawings and/or specified in the Construction Documents for a complete and ready-for-use installation.

**ITEM 23 – 60" SANITARY MANHOLE**

- A. Description: This work consists of the construction of Manholes of the type and sizes shown on the Drawings and/or specified. This Pay item includes the installation of a Rubber Flap gate mounted on the outside of the structure to act as an overflow during wet weather. 5.5 Cubic Yards of Rock Channel Protection Type D per ODOT 601 specifications shall be placed in the area of the outfall.
- B. Payment: For each Item - Manholes shall be as stated below:
1. The unit price stated for each precast concrete manhole shall be full compensation for the manholes, furnished, installed, and connected in accordance with the Drawings and Specifications including excavation, backfill, labor, material, equipment, restoration, and removal of existing manholes.
  2. The unit price stated in the Bid Schedule shall include precast sections, waterproofing, manhole steps, grade adjusting, labor, construction, backfill, compaction, regular and drop manhole connections, frame and covers, restoration of all disturbed areas and utilities, and all other appurtenances for the work shown on the Drawings and/or specified in the Construction Documents for a complete and ready-for-use installation.

**ITEM 24 – SANITARY VAULT**

- A. Description: This work consists of the construction of Sanitary Vault of the type and sizes shown on the Drawings and/or specified. Located at Williams St and Crestline St.
- B. Payment: For each Item - Sanitary Vault shall be as stated below:
1. The unit price stated for each precast concrete Sanitary Vault shall be full compensation for the Structure, furnished, installed, and connected in accordance with the Drawings and Specifications including excavation, backfill, labor, material, equipment, restoration, and removal of existing manholes.
  2. The unit price stated in the Bid Schedule shall include precast sections, waterproofing, manhole steps, grade adjusting, labor, construction, backfill, compaction, regular and drop connections, frame and covers, restoration of all disturbed areas and utilities, and all other appurtenances for the work shown on the Drawings and/or specified in the Construction Documents for a complete and ready-for-use installation.



**ITEM 25** – SIPHON B1-B2 12" HDPE (59 FEET)

- A. Description: The work in this Item shall consist of furnishing and installing a Sanitary Sewer Siphon as shown on the Drawings and/or specified. Measurements shall be made on each Sanitary Sewer Siphon the actual performed under this item.
- B. Payment: The unit price in the Bid Schedule shall be full compensation for each Sanitary Sewer Siphon installed and measured for payment. The price shall include furnishing, all fittings required including the cost of fittings, pipe fusion, excavation, backfill, compaction, laying sheeting, shoring, inspection, testing of pipe and fittings, restoring all disturbed areas and utilities, and all appurtenances to complete the work as shown on the Drawings and specified herein for a complete and ready-to-use installation.

**ITEM 26** – SIPHON B1-B2 8" PVC C-900 (59 FEET)

- A. Description: The work in this Item shall consist of furnishing and installing a Sanitary Sewer Siphon as shown on the Drawings and/or specified. Measurements shall be made on each Sanitary Sewer Siphon the actual performed under this item.
- B. Payment: The unit price in the Bid Schedule shall be full compensation for each Sanitary Sewer Siphon installed and measured for payment. The price shall include furnishing, all fittings required including the cost of fittings, excavation, backfill, compaction, laying sheeting, shoring, inspection, testing of pipe and fittings, restoring all disturbed areas and utilities, and all appurtenances to complete the work as shown on the Drawings and specified in the Contract Documents for a complete and ready-to-use installation.

**ITEM 27** – SIPHON G1-G2 8" PVC C-900 (110 FEET)

- A. Description: The work in this Item shall consist of furnishing and installing a Sanitary Sewer Siphon as shown on the Drawings and/or specified. Measurements shall be made on each Sanitary Sewer Siphon the actual performed under this item.
- B. Payment: The unit price in the Bid Schedule shall be full compensation for each Sanitary Sewer Siphon installed and measured for payment. The price shall include furnishing, all fittings required including the cost of fittings, excavation, backfill, compaction, laying sheeting, shoring, inspection, testing of pipe and fittings, restoring all disturbed areas and utilities, concrete encasement and all appurtenances to complete the work as shown on the Drawings and specified in the Contract Documents for a complete and ready-to-use installation.

**ITEM 28** – SIPHON G1-G2 10" PVC C-900 (110 FEET)

- A. Description: The work in this Item shall consist of furnishing and installing a Sanitary Sewer Siphon as shown on the Drawings and/or specified. Measurements shall be made on each Sanitary Sewer Siphon the actual performed under this item.
- B. Payment: The unit price in the Bid Schedule shall be full compensation for each Sanitary Sewer Siphon installed and measured for payment. The price shall include furnishing, all fittings required including the cost of fittings, excavation, backfill, compaction, laying sheeting, shoring, inspection, testing of pipe and fittings, restoring all disturbed areas and utilities, concrete encasement and all appurtenances to complete the work as shown on the Drawings and specified in the Contract Documents for a complete and ready-to-use installation.

**ITEM 29** – SIPHON G3-G4 8" PVC C-900 (66 FEET)

- A. Description: The work in this Item shall consist of furnishing and installing a Sanitary Sewer Siphon as shown on the Drawings and/or specified. Measurements shall be made on each Sanitary Sewer Siphon the actual performed under this item.
- B. Payment: The unit price in the Bid Schedule shall be full compensation for each Sanitary Sewer Siphon installed and measured for payment. The price shall include furnishing, all fittings required including the cost of fittings, excavation, backfill, compaction, laying sheeting, shoring, inspection, testing of pipe and fittings, restoring all disturbed areas and utilities, concrete encasement and all appurtenances to complete the work as shown on the Drawings and specified in the Contract Documents for a complete and ready-to-use installation.

**ITEM 30** – 8" PVC SDR 35 SANITARY SEWER

- A. Description: The work in this Item shall consist of furnishing and installing PVC Sanitary Sewer Pipe as shown on the Drawings and/or specified, including removal, abandonment and disposal of existing sewers. Measurements shall be made on a linear foot basis for the actual work performed under this item, measured along the horizontal projection of the longitudinal axis of the pipe.
- B. Payment: The unit price stated on the Bid Schedule shall be compensation for each lineal foot of pipe installed including all fittings and plugs measured for payment. The price shall include furnishing labor, backfill, compaction, laying, sheeting, shoring, inspection, manhole connections, testing of pipe and fittings, restoring all disturbed areas and utilities, removing existing sewers, concrete encasement and all appurtenances to complete the work as shown on the Drawings and specified in the Contract Documents for a complete and ready-for –use installation.

**ITEM 31** – 12" PVC SDR 35 SANITARY SEWER

- A. Description: The work in this Item shall consist of furnishing and installing PVC Sanitary Sewer Pipe as shown on the Drawings and/or specified, including removal, abandonment and disposal of existing sewers. Measurements shall be made on a linear foot basis for the actual work performed under this item, measured along the horizontal projection of the longitudinal axis of the pipe.
- B. Payment: The unit price stated on the Bid Schedule shall be compensation for each lineal foot of pipe installed including all fittings and plugs measured for payment. The price shall include furnishing labor, backfill, compaction, laying, sheeting, shoring, inspection, manhole connections, testing of pipe and fittings, restoring all disturbed areas and utilities, removing existing sewers, concrete encasement and all appurtenances to complete the work as shown on the Drawings and specified in the Contract Documents for a complete and ready-for –use installation.

**ITEM 32** – 15" PVC SDR 35 SANITARY SEWER

- A. Description: The work in this Item shall consist of furnishing and installing PVC Sanitary Sewer Pipe as shown on the Drawings and/or specified, including removal, abandonment and disposal of existing sewers. Measurements shall be made on a linear foot basis for the actual work performed under this item, measured along the horizontal projection of the longitudinal axis of the pipe.
- B. Payment: The unit price stated on the Bid Schedule shall be compensation for each lineal foot of pipe installed including all fittings and plugs measured for payment. The price shall include furnishing labor, backfill, compaction, laying, sheeting, shoring, inspection, manhole connections, testing of pipe and fittings, restoring all disturbed areas and utilities, removing existing sewers, concrete encasement and all appurtenances to complete the work as shown on the Drawings and specified in the Contract Documents for a complete and ready-for –use installation.

**ITEM 33** – 12" DUCKBILL CHECK VALVE

- A. Description: The unit bid price shall be made on each 12" Duck Bill Valve installed under this item.
- B. Payment: The unit price stated for each 12" Duck Bill Valve shall be full compensation for each valve, furnished, installed, and connected in accordance with the Drawings and Specifications including, excavation, backfill, labor, material, equipment, restoration, and all other appurtenances for the work shown on the Drawings and/or specified in the Construction Documents for a complete and ready-for use installation

**ITEM 34** – NORTH STREET BYPASS WEIR

- A. Description: The unit bid price shall be made on a lump sum price for the raising of the North Street bypass weir.
- B. Payment: The unit price stated for lump sum price for the raising of the North Street bypass weir shall be full compensation for all labor, materials and all other appurtenances necessary for the work shown on the Drawings and/or specified in the Construction Documents for a complete and ready-for use installation

**ITEM 35** – 12" HDPE SANITARY SEWER (OVERFLOW)

- A. Description: The work in this Item shall consist of furnishing and installing a HDPE Sanitary Sewer as shown on the Drawings and/or specified. Measurements shall be made on a linear foot basis for the actual work performed under this item, measured along the horizontal projection if the longitudinal axis of the pipe.
- B. Payment: The unit price in the Bid Schedule shall be full compensation for each linear foot of HDPE Sewer installed and measured for payment. The price shall include furnishing, all fittings required including the cost of fittings, pipe fusion, excavation, backfill, compaction, laying sheeting, shoring, inspection, testing of pipe and fittings, restoring all disturbed areas and utilities, concrete encasement and all appurtenances to complete the work as shown on the Drawings and specified in the Contract Documents for a complete and ready-to-use installation.

**ALT-1** – SIPHON 8" CIPP SEWER RELINING (52 FEET)

- A. Description: The work in this Item shall consist of furnishing and installing a Sanitary Sewer Siphon as shown on the Drawings and/or specified. Measurements shall be made on each Sanitary Sewer Siphon the actual performed under this item.
- B. Payment: The unit price in the Bid Schedule shall be full compensation for each Sanitary Sewer Siphon installed and measured for payment. The price shall include furnishing, all fittings required including the cost of fittings, excavation, backfill, compaction, laying sheeting, shoring, inspection, testing of pipe and fittings, restoring all disturbed areas and utilities, concrete encasement and all appurtenances to complete the work as shown on the Drawings and specified in the Contract Documents for a complete and ready-to-use installation.

**ALT-2** – SIPHON 12" CIPP SEWER RELINING (52 FEET)

- A. Description: The work in this Item shall consist of furnishing and installing a Sanitary Sewer Siphon as shown on the Drawings and/or specified. Measurements shall be made on each Sanitary Sewer Siphon the actual performed under this item.
- B. Payment: The unit price in the Bid Schedule shall be full compensation for each Sanitary Sewer Siphon installed and measured for payment. The price shall include furnishing, all fittings required including the cost of fittings, excavation, backfill, compaction, laying sheeting, shoring, inspection, testing of pipe and fittings, restoring all disturbed areas and utilities, concrete encasement and all appurtenances to complete the work as shown on the Drawings and specified in the Contract Documents for a complete and ready-to-use installation.

**ALT-3** – 8" SEWER RELINING

- A. Description: The quantity to be paid shall consist of 8" Sanitary sewer liner using the CIPP Method installed in place as shown on the drawing and/or specified. Measurements shall be made on a linear foot basis for the actual work performed under this item, measured along the horizontal projection of the longitudinal axis of the pipe. There will be no payment of the horizontal projections within manholes or structures. The contractor shall field verify the accessibility of the proposed work.
- B. Payment: The unit price in the Bid Schedule shall be full compensation for each linear foot of pipe lined and measured for payment. The price shall include furnishing all labor materials, equipment, Traffic Control, bypass temporary pumping, pre-installation televising, cleaning and prepping host pipe, cured line material, anchoring of liner to manholes, restoration, cleanup, post installation televising, testing, tools, and any other necessary appurtenances necessary to complete the work in accordance with these specifications, the manufacturer recommendations, or as shown.

#### **ALT-4 – 12" SEWER RELINING**

- A. Description: The quantity to be paid shall consist of 12" Sanitary sewer liner using the CIPP Method installed in place as shown on the drawing and/or specified. Measurements shall be made on a linear foot basis for the actual work performed under this item, measured along the horizontal projection of the longitudinal axis of the pipe. There will be no payment of the horizontal projections within manholes or structures. The contractor shall field verify the accessibility of the proposed work.
- B. Payment: The unit price in the Bid Schedule shall be full compensation for each linear foot of pipe lined and measured for payment. The price shall include furnishing all labor materials, equipment, Traffic Control, bypass temporary pumping, pre-installation televising, cleaning and prepping host pipe, cured line material, anchoring of liner to manholes, restoration, cleanup, post installation televising, testing, tools, and any other necessary appurtenances necessary to complete the work in accordance with these specifications, the manufacturer recommendations, or as shown.

#### **ALT-5 – 18" SEWER RELINING**

- A. Description: The quantity to be paid shall consist of 18" Sanitary sewer liner using the CIPP Method installed in place as shown on the drawing and/or specified. Measurements shall be made on a linear foot basis for the actual work performed under this item, measured along the horizontal projection of the longitudinal axis of the pipe. There will be no payment of the horizontal projections within manholes or structures. The contractor shall field verify the accessibility of the proposed work.
- B. Payment: The unit price in the Bid Schedule shall be full compensation for each linear foot of pipe lined and measured for payment. The price shall include furnishing all labor materials, equipment, Traffic Control, bypass temporary pumping, pre-installation televising, cleaning and prepping host pipe, cured line material, anchoring of liner to manholes, restoration, cleanup, post installation televising, testing, tools, and any other necessary appurtenances necessary to complete the work in accordance with these specifications, the manufacturer recommendations, or as shown.

#### **ALT-6 – LATERAL RESTORATION**

- A. Description: This work shall consist of restoring Sewer Laterals per sewer customer within the proposed relined sewers, as shown on the plans, specified herein, and observed in the field.
- B. Payment: The unit price stipulated to be paid for each lateral restoration shall include furnishing labor, locating existing lateral, inspecting, restoring all disturbed areas and utilities, and all appurtenances to complete the work as shown on the Drawings and specified in the Contract Documents for a complete and ready-for-use installation of a sewer lateral per customer.

#### **ALT-7 – GAS BOOSTER SYSTEM**

- A. Description: This work shall consist of a complete installation of a gas booster system as shown on the plan and as specified.
- B. Payment: The unit price stipulated to be paid for each Gas Booster System shall include furnishing all labor, materials, and appurtenances necessary to complete the work as shown on the Drawings and specified in the Contract Documents for a complete and ready-for-use installation.

**PROPOSAL TO THE VILLAGE OF CRESTLINE, OHIO  
SEWER SEPARATION IMPROVEMENTS – PHASE 1**

TO: MAYOR DAVID SHARROCK  
VILLAGE OF CRESTLINE  
100 NORTH SELTZER STREET  
CRESTLINE, OHIO 44827

Gentlemen:

Proposal of \_\_\_\_\_ (hereinafter called "BIDDER"), organized and existing under the laws of the State of Ohio doing business as \_\_\_\_\_.  
To the VILLAGE OF CRESTLINE (hereinafter called "Owner").

In compliance with your Advertisement for Bids, BIDDER hereby proposes to perform all WORK for the construction of the SEWER SEPARATION IMPROVEMENTS – PHASE 1 in strict accordance with the CONTRACT DOCUMENTS, within the time set forth therein, and at the prices stated below.

By submitting this BID, the BIDDER, or in the case of a joint BID, each party thereto, certifies as to its own organization, that this BID has been arrived at independently, without consultation, communication, or agreement as to any matter relating to this BID with any other BIDDER or with any competitor.

The undersigned have full knowledge of the project site, Drawings, and the conditions of the proposal. The undersigned also, hereby agrees to furnish all the services, labor, materials and equipment necessary to complete these projects according to the Drawings and Specifications and to accept as full compensation the lump sum or unit prices stated in the Bid Schedule for the work and for use when calculating the price of a deduction or an increase in quantities.

BIDDER hereby agrees to commence WORK under this Contract on or before a date to be specified in the NOTICE TO PROCEED and to fully complete the PROJECT within the period stipulated in the INSTRUCTIONS TO BIDDERS. BIDDER further agrees to pay as liquidated damages and that the CITY may retain from monies that are, or which may become due. The amount of such liquidated damages shall be as stipulated in the CONTRACT AGREEMENT FORM (Section 00500 herein).

\* Insert "a corporation", "a partnership", or "an individual" as applicable.

The Bidder hereby acknowledges receipt of the following addenda:

ADDENDUM NO.

DATE

_____	_____
_____	_____
_____	_____

We further agree that the Owner may reject any or all bids.

SUBMITTED BY:

\_\_\_\_\_  
Firm, Corporation or Individual

\_\_\_\_\_  
Address

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

Contractor License Number \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

NOTE: Evidence of authority to sign and the corporate seal must be affixed and attested by the Secretary.

COMPLETION DATE: 180 Calendar Days commencing on the date as shown on Notice to Proceed for Final Completion.

PROPOSAL TO THE VILLAGE OF CRESTLINE, OHIO  
SEWER SEPARATION IMPROVEMENTS – PHASE 1

**BASE BID SCHEDULE**

Bid Item	Item Description	Est. Qty.	Unit	Unit Price Material	Unit Price Labor	Total Unit Price	Total Price
1	BONDS AND INSURANCE (ODOT ITEM 103)	1	Lump				\$
2	MOBILIZATION (ODOT ITEM 624)	1	Lump				\$
3	MAINTAINING TRAFFIC (ODOT ITEM 614)	1	Lump				\$
<b>MISCELLANEOUS</b>							
4	STANDBY GENERATOR & PUMP STATION MODIFICATIONS	1	LS				\$
5	STRUCTURES REMOVED	7	EA				\$
6	VAULT ABANDONMENT	1	EA				\$
7	MANHOLE ABANDONMENT	1	EA				\$
8	REMOVE & REPLACE CONCRETE STEPS	2	EA				\$
9	TREE REMOVED	3	EA				\$
10	CLEARING & GRUBBING	1	LS				\$
11	CONCRETE CURB REMOVED	5	LF				\$
12	RESTORATION: TOPSOIL, SEEDING & MULCHING	1,822	SY				\$
13	RESTORATION: MULCHING	289	SY				\$
<b>PAVEMENT</b>							
14	CONCRETE CURB & GUTTER REMOVAL & REPLACEMENT	129	LF				\$
15	TYPE 'C' PAVEMENT REPLACEMENT	233	SY				\$
16	SIDEWALK REMOVAL & REPLACEMENT	1,379	SF				\$
17	CURB RAMP	2	EA				\$
18	ASPHALT DRIVE REMOVAL & REPLACEMENT	14	SY				\$
19	GRAVEL DRIVE REMOVAL & REPLACEMENT	116	SY				\$
20	CONCRETE DRIVE & INT. CURB REMOVAL & REPLACEMENT	25	SY				\$

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Bid Item	Item Description	Est. Qty.	Unit	Unit Price Material	Unit Price Labor	Total Unit Price	Total Price
<b>SANITARY</b>							
21	SIPHON DIVERSION STRUCTURE	7	EA				\$
22	48" SANITARY MANHOLE	12	EA				\$
23	60" SANITARY MANHOLE	1	EA				\$
24	SANITARY VAULT (WILLIAMS AND CRESTLINE STREET)	1	EA				\$
25	SIPHON B1-B2 12" HDPE (59 FEET)	1	EA				\$
26	SIPHON B1-B2 8" PVC C-900 (59 FEET)	1	EA				\$
27	SIPHON G1-G2 8" PVC C-900 (110 FEET)	1	EA				\$
28	SIPHON G1-G2 10" PVC C-900 (110 FEET)	1	EA				\$
29	SIPHON G3-G4 8" PVC C-900 (66 FEET)	2	EA				\$
30	8" PVC SDR 35 SANITARY SEWER	165	LF				\$
31	12" PVC SDR 35 SANITARY SEWER	1,438	LF				\$
32	15" PVC SDR 35 SANITARY SEWER	133	LF				\$
33	12" DUCKBILL CHECK VALVE	1	EA				\$
34	NORTH STREET BYPASS WEIR	1	Lump				\$
35	12" HDPE SANITARY SEWER (OVERFLOW)	22	LF				\$
<b>TOTAL</b>							\$

**TOTAL BASE BID AMOUNT OF PROJECT (IN FIGURES)**

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**TOTAL BASE BID AMOUNT OF PROJECT (IN WORDS)**

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PROPOSAL TO THE VILLAGE OF CRESTLINE, OHIO  
SEWER SEPARATION IMPROVEMENTS – PHASE 1

**ALTERNATE BID SCHEDULE**

Bid Item	Item Description	Est. Qty.	Unit	Unit Price Material	Unit Price Labor	Total Unit Price	Total Price
ALT-1	SIPHON 8" SEWER RELINING (52 FEET)	1	Lump				\$
ALT-2	SIPHON 12" SEWER RELINING (52 FEET)	1	Lump				\$
ALT-3	8" SEWER RELINING	521	LF				\$
ALT-4	12" SEWER RELINING	830	LF				\$
ALT-5	18" SEWER RELINING	333	LF				\$
ALT-6	LATERAL RESTORATION ON RELINED SECTIONS	1	EA				\$
ALT-7	GAS BOOSTER SYSTEM	1	EA				\$
<b>TOTAL</b>							\$

TOTAL ALTERNATE BID AMOUNT OF PROJECT (IN FIGURES)

\_\_\_\_\_

TOTAL ALTERNATE BID AMOUNT OF PROJECT (IN WORDS)

\_\_\_\_\_

**BID SUMMARY**

BASE BID TOTAL	
ALTERNATE BID TOTAL	
TOTAL BASE BID AND ALTERNATE	

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