August 11, 2017
Architectural Project #1702
Springhill & Canal Development

ADDENDUM NO. 5

PROJECT: Springhill & Canal Development (1950 E. Springhill Drive, Terre Haute, IN 47802)

THIS LETTER CONSTITUTES ADDENDUM NO. 5

The information contained in this Addendum shall become a part of the basic plans and specifications, the same as is originally incorporated therein. The original plans and specifications shall remain in their entirety, except as modified by the Addendum. The items herein shall supersede information in each specifications and plans.

The Addendum shall be acknowledged by signing on page 2 of 3 of the Bid Form. Failure to do so shall be cause for rejection of your bid.

The proposed contract documents for this work are modified as follows:

Item #1  Sewer main design has been changed and is to be priced separately from Bid Package A. See revised Sheet C5 of the Civil Drawings and revised Bid Form.
Bid Alternate #1 – Grinder pump and force main.
Bid Alternate #2 – Gravity lateral to the west.

Item #2  Pump and grinder equipment for Bid Alternate #1 to be Pentair or equivalent. See attached manufacturer information.

Item #3  MAU details have been added to the Architectural Drawings, Sheet M-2.
BID FORM

Owner: Montezuma Properties LLC

Project: Springhill & Canal Development

Site Address: 1950 East Springhill Drive
              Terre Haute, IN 47802

Bidding Contractors:

1. Pursuant to and in compliance with the invitation to bid and the proposed Contract Documents relating to the project, including any addenda, the undersigned, having become thoroughly familiar with the terms and conditions of the proposed Contract Documents and with the local conditions affecting the performance and costs of the work at the places where the work is to be completed, and having inspected the sites in all particulars, hereby purposes and agrees to fully perform the work within the time stated and in strict accordance with the proposed Contract Documents, including furnishing any and all labor and materials, and to do all of the work required to construct and complete said work in accordance with the Contract Documents, for the following sum of money:

2. I understand that the Owner reserves the right to reject this bid, but that this bid shall remain open and not withdrawn for a period of sixty (60) days from the date prescribed for its opening.

3. If written notice of the acceptance of this bid is mailed or delivered to the undersigned within thirty days after the date set for the opening of this bid, or at any other time thereafter before it is withdrawn, the undersigned will execute and deliver the Contract Documents to the Architect in accordance with this bid as accepted, and will also furnish and deliver to the Architect, Proof of Insurance Coverage within seven days after personal delivery with of acceptance of this bid.

4. If awarded a contract under this proposal, the undersigned agrees to start work within seven (7) days of the contract signing or Notice to Proceed.
**ADDENDA CONFIRMATION**

Bidder here with acknowledges receipt and has incorporated the provisions of the following addenda in this bid.

<table>
<thead>
<tr>
<th>Addendum Number</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>
BID FORM ITEMIZATION

Montezuma Properties LLC
(Springhill & Canal Development)

<table>
<thead>
<tr>
<th>Bid Package A: General Construction</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMPLETE CONSTRUCTION BID (IN WRITING) (IN FIGURES)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Package A, Bid Alternate #1: (Sewer) Grinder Pump and Force Main (ADD AMOUNT)</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMPLETE CONSTRUCTION BID (IN WRITING) (IN FIGURES)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Package A, Bid Alternate #2: (Sewer) Gravity Lateral to the West (ADD AMOUNT)</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMPLETE CONSTRUCTION BID (IN WRITING) (IN FIGURES)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Bid Package B: Fueling Equipment &amp; Installation</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMPLETE CONSTRUCTION BID (IN WRITING) (IN FIGURES)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Bid Package C: Building Fit-Out</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMPLETE CONSTRUCTION BID (IN WRITING) (IN FIGURES)</td>
</tr>
</tbody>
</table>

DATE: ____________________________ , 2017

______________________________  (COMPANY NAME)

OFFICIAL ADDRESS:

______________________________  By: ________________________________

______________________________  Title: ________________________________

PHONE: ________________________________

Bid Form
Page 3 of 3
1. Underground Telephone Service
2. Water Service, (2) 1 inch lines
3. Gas Line
4. New water service connection to existing, water valve before new meter pit.
5. Underground Electric Service
6. Sanitary Gravity Lateral - 6" PVC sch. 40
6a. Sanitary 2 inch Force Main (lateral) Directional Bore
7. Sanitary Cleanout
7a. Sanitary Lift Station and Control Panel
8. Lightpost (see details by others)
9. Electric Transformer (see details by others)
10. New meter pit per INAW standards (2) 1 inch meters and water service line to building

NOTE:
Conduit installed for all Underground Electric.

SANITARY ALTERNATE BID #1
1. 150 LF 6" GRAVITY
2. GRINDER PUMP (SEE DETAILS SEPARATE COVER)
3. 232 LF FORCE MAIN

SANITARY ALTERNATE BID #2
611 LF 6" GRAVITY
1. 150 LF 6" GRAVITY
2. GRINDER PUMP (SEE DETAILS SEPARATE COVER)
3. 232 LF FORCE MAIN
Performance Data and Dimensions

3450 RPM

<table>
<thead>
<tr>
<th>Available Models</th>
<th>Standard</th>
<th>HP</th>
<th>Volts</th>
<th>Phase</th>
<th>Hertz</th>
<th>Start Amps</th>
<th>Full Load Amps</th>
<th>Full Load kW</th>
<th>Start KVA</th>
<th>Full Load KVA</th>
<th>NEC Code</th>
<th>Service</th>
<th>Factor</th>
</tr>
</thead>
<tbody>
<tr>
<td>V2H20-21</td>
<td>2</td>
<td>230</td>
<td>1</td>
<td>60</td>
<td>69</td>
<td>18.5</td>
<td>4.2</td>
<td>11.27</td>
<td>4.26</td>
<td>G</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>V2H20-03</td>
<td>2</td>
<td>200</td>
<td>3</td>
<td>60</td>
<td>53</td>
<td>12.5</td>
<td>3.9</td>
<td>18.3</td>
<td>4.33</td>
<td>L</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>V2H20-23</td>
<td>2</td>
<td>230</td>
<td>3</td>
<td>60</td>
<td>46</td>
<td>12</td>
<td>3.9</td>
<td>18.3</td>
<td>4.33</td>
<td>L</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>V2H20-43</td>
<td>2</td>
<td>440</td>
<td>3</td>
<td>60</td>
<td>53</td>
<td>12.5</td>
<td>3.9</td>
<td>18.3</td>
<td>4.33</td>
<td>L</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>V2S20-21</td>
<td>2</td>
<td>230</td>
<td>1</td>
<td>60</td>
<td>49</td>
<td>18.5</td>
<td>4.2</td>
<td>11.27</td>
<td>4.26</td>
<td>G</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>V2S20-03</td>
<td>2</td>
<td>200</td>
<td>3</td>
<td>60</td>
<td>53</td>
<td>12.5</td>
<td>3.9</td>
<td>18.3</td>
<td>4.33</td>
<td>L</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>V2S20-23</td>
<td>2</td>
<td>230</td>
<td>3</td>
<td>60</td>
<td>46</td>
<td>12</td>
<td>3.9</td>
<td>18.3</td>
<td>4.33</td>
<td>L</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>V2S20-43</td>
<td>2</td>
<td>440</td>
<td>3</td>
<td>60</td>
<td>53</td>
<td>12.5</td>
<td>3.9</td>
<td>18.3</td>
<td>4.33</td>
<td>L</td>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Motor Electrical Data

- **3450 RPM**
- **Total Head in Feet**
- **Gallons Per Minute**

PENTAIR

740 EAST 9TH STREET,
ASHLAND, OHIO 44805
WWW.FEMYERS.COM

Because we are continuously improving our products and services, Pentair reserves the right to change specifications without prior notice.

K4694 11/05/14 © 2014 Pentair Ltd. All Rights Reserved.
MYERS®
V2 GRINDER
SERIES

SHREDDING
WASTEWATER
CHALLENGES

PATENT-PENDING AXIAL
CUTTER TECHNOLOGY

ADVANCED HYDRAULICS

LEGENDARY SEAL
LEAK DETECTION

Product Capabilities

Capacities To 34 gpm 129 lpm
Heads To 180 ft. 54.86 m
Liquids Handling domestic raw sewage
Intermittent Liquid Temp. up to 140˚F up to 60˚C
Winding Insulation Temp. (Class F) 311˚F 155˚C

Motor Electrical Data
(Single phase motors are capacitor start type. Myers control panels or capacitor kits are recommended for proper operation and warranty.)
2 hp, 3450 rpm
1 ph – capacitor start/run.
230 volts; 60 Hz
3 ph – induction run
200, 230, 460 volts, 60 Hz

Std. Third Party Approvals CSA
Acceptable pH Range 6 – 9
Specific Gravity .9 – 1.1
Viscosity 28 – 35 SSU

Discharge (Flange Dia.) 1-1/4 in. 31.75 mm
Min. Sump Diameter
Simplex
Duplex
24 in.
36 in.
61.0 cm
91.4 cm
MYERS® V2 SERIES
SUBMERSIBLE GRINDER PUMPS

The Myers V2 series grinder is engineered from the ground up, in order to overcome the increased debris and higher pressure required in today’s wastewater environment. It features a patent-pending axial cutter design and semi-open impeller to effectively macerate challenging sewage solids into a fine slurry.

Watch the video at www.femyers.com

PATENT-PENDING AXIAL CUTTER TECHNOLOGY
Easily slices through solids and trash found in domestic wastewater without roping or clogging.

ADVANCED HYDRAULICS
The only single stage 2 HP grinder that can deliver up to 180’ of lift for superior performance and reliability.

LEGENDARY SEAL LEAK DETECTION
True early warning system for reduced downtime and maintenance costs.
**FEATURES**

A. **Cable Entry System**
   - NEW! Optional quick disconnect cord available for ease of maintenance
   - Cable jacket sealed by compression fitting; individual wires sealed by compression grommet for double seal protection against water ingress
   - Replace power cord without disturbing motor for ease of maintenance

B. **Oil-Filled Motor**
   - Maximizes heat dissipation; provides constant bearing lubrication for long life
   - High torque start/run capacitor for single or three-phase motors, assured starting under heavy loads

C. **Heavy 416 SST Shaft**
   - Corrosion resistant, reduces shaft deflection for long life

D. **Lower Double Row Ball Bearings**
   - Absorb both axial and radial loads for increased durability

E. **Double Mechanical Shaft Seals**
   - In oil-filled seal chamber for continuous lubrication, superior motor protection

F. **Seal Leak Probe**
   - Located in seal chamber instead of motor area for true early warning of water leaks. Allows corrective action before costly motor or bearing failure occurs.
   - Activates warning light in control panel

G. **SST Semi-Open Impeller**
   - Provides improved performance, resists clogging
   - Pump-out vanes help keep trash from seal, reduces pressure at seal face for longer life

H. **Axial Cutter System**
   - Constructed of 440 SST hardened to 57-60 Rc for long life
   - Easily replaceable without dismantling pump

I. **Volute Case**
   - Cast iron 1-1/4” NPT vertical flanged discharge

---

**CUTTING SYSTEM**

Easily switch between standard and high head flows by simply changing the impeller and cutter plate.

- **HIGH HEAD CUTTING PLATE**
  - Standard cutting plate
  - Blade
PERFORMANCE DATA AND DIMENSIONS

3450 RPM

[Dimensions in mm]

Product Capabilities

<table>
<thead>
<tr>
<th>Capacities To</th>
<th>34 gpm</th>
<th>129 lpm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heads To</td>
<td>180 ft.</td>
<td>54.86 m</td>
</tr>
<tr>
<td>Liquids Handling</td>
<td>domestic raw sewage</td>
<td></td>
</tr>
<tr>
<td>Intermittent Liquid Temp.</td>
<td>up to 140°F</td>
<td>up to 60°C</td>
</tr>
<tr>
<td>Winding Insulation Temp.</td>
<td>311°F</td>
<td>155°C</td>
</tr>
<tr>
<td>Motor Electrical Data</td>
<td>2 hp, 3450 rpm</td>
<td>1 ph – capacitor start/run. 230 volts; 60 Hz 3 ph – induction run 200, 230, 460 volts, 60 Hz</td>
</tr>
<tr>
<td>Std. Third Party Approvals</td>
<td>CSA</td>
<td></td>
</tr>
<tr>
<td>Acceptable pH Range</td>
<td>6 – 9</td>
<td></td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>.9 – 1.1</td>
<td></td>
</tr>
<tr>
<td>Viscosity</td>
<td>28 – 35 SSU</td>
<td></td>
</tr>
<tr>
<td>Discharge (Flange Dia.)</td>
<td>1-1/4 in.</td>
<td>31.75 mm</td>
</tr>
<tr>
<td>Min. Sump Diameter</td>
<td>Simplex: 24 in.</td>
<td>61.0 cm</td>
</tr>
<tr>
<td>Duplex: 36 in.</td>
<td>91.4 cm</td>
<td></td>
</tr>
</tbody>
</table>

Construction Materials

- Motor Housing, Seal Housing, Cord Cap and Volute Case: Cast Iron, Class 30, ASTM A48
- Impeller: Semi-Open, Stainless Steel
- Power Cord: 20’ 500W
- Mechanical Seals: Double Tandem Carbon and Ceramic Lower Tungsten Carbide
- Pump, Motor Shaft: 416 SST
- Fasteners: 300 Series SST
- Rotating Cutter: 440 SST
- Stationary Cutter: 57-60 Rockwell

Capacities To 34 gpm 129 lpm
Heads To 180 ft. 54.86 m
Liquids Handling domestic raw sewage
Intermittent Liquid Temp. up to 140°F up to 60°C
Winding Insulation Temp. 311°F 155°C
Motor Electrical Data 2 hp, 3450 rpm 1 ph – capacitor start/run. 230 volts; 60 Hz 3 ph – induction run 200, 230, 460 volts, 60 Hz
Std. Third Party Approvals CSA
Acceptable pH Range 6 – 9
Specific Gravity .9 – 1.1
Viscosity 28 – 35 SSU
Discharge (Flange Dia.) 1-1/4 in. 31.75 mm
Min. Sump Diameter Simplex: 24 in. 61.0 cm
Duplex: 36 in. 91.4 cm

Motor Housing, Seal Housing, Cord Cap and Volute Case
Impeller
Power Cord
Mechanical Seals:
Standard
Optional
Pump, Motor Shaft
Fasteners
Rotating Cutter,
Stationary Cutter

© 2015 Pentair Ltd. All Rights Reserved.

Because we are continuously improving our products and services, Pentair reserves the right to change specifications without prior notice.
VENTILATION FAN SCHEDULE

<table>
<thead>
<tr>
<th>MARK NO.</th>
<th>MANUFACTURER</th>
<th>MODEL</th>
<th>CONDENSING MODEL</th>
<th>AIR FLOW (CFM)</th>
<th>STATIC PRESSURE (IN.W.G.)</th>
<th>MOTOR H.P.</th>
<th>WEIGHT</th>
<th>HEATING INPUT</th>
<th>DX COOLING CAPACITY</th>
<th>CONDENSING MODEL #</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUA</td>
<td>GREENHECK</td>
<td>IGX-108-H12</td>
<td>--</td>
<td>1,000</td>
<td>.627&quot;</td>
<td>1/2</td>
<td>--</td>
<td>100 MBH</td>
<td>64.0 MBH</td>
<td>RHEEM RANL-060CAZ</td>
</tr>
<tr>
<td>EFH</td>
<td>GREENHECK</td>
<td>CUBE-161-1</td>
<td>--</td>
<td>1,800</td>
<td>1.00&quot;</td>
<td>1</td>
<td>75</td>
<td>--</td>
<td>--</td>
<td>OR SIMILAR</td>
</tr>
</tbody>
</table>

OUTSIDE AIR CONTROL NOTE:
1. PROVIDE MOTORIZED DAMPER AT OUTSIDE MAKE-UP DUCTS.
2. INTERLOCK MAU AND EFH FOR SYNCHRONIZED OPERATION.
3. CONTROLS TO CLOSE WHEN UNIT IS OFF AND OPEN WHEN THE UNIT TURNS.
4. DAMPER SHALL BE NORMALLY CLOSED WITH 24V ACTUATOR SUITABLE FOR THE INTEGRATION WITH AC CONTROL WIRING.
5. PROVIDE SPEED CONTROL SWITCH AND MECHANICALLY ACTUATED, LOW LEAK DAMPER FOR EFH.

NOTE:
FINAL COORDINATION OF MAU AND EFH UNITS TO BE BETWEEN GENERAL CONTRACTOR AND LITTLE CAESAR'S PIZZA.

Make-up Air Unit - Greenheck IGX-108-H12

- Airflow: Variable Air Volume, Recirculation
- Heating Options: Indirect Gas
- Cooling Options: Direct Expansion (DX)
- Low Sound Condenser Fan
- Matching Options: Exterior
- Combustion: Air Only (Minimum Volume Requirement)
- Low Maintenance
- Maximum Static Pressure

Note:
Final coordination of MAU and EFH units to be between general contractor and Little Caesar's Pizza.