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115 West Washington St., Suite 1310
Indianapolis, IN 46204

January 31, 2020

CHANGE ORDER NO. 01 SUMMARY

To The Plans and Specifications for:

**TOWN OF WHITESTOWN, IN
LEGACY CORE REGIONAL LIFT STATION EXPANSION & 24" TRUNK LINE
ENGINEER'S PROJECT NO. 61-04D27-01**

TO ATLAS EXCAVATING, INC.:

This change order supplements and amends the original drawings and specifications and shall become a part of the contract documents.

This change order consists of five (5) pages, including the following pages.

A. PROJECT MANUAL

Item No. 01 Specification Section 00 73 00 – Supplementary Conditions

REPLACE – SC 10.03.

Summary of Change: The change in this supplementary condition better defines the scope of responsibilities regarding the Owner's Representative.

Item No. 02 Specification Section 26 32 13 – Diesel Engine Genset

REPLACE – Entire Specification with the attached.

Summary of Change: The changes to this specification include the reduction of the backup generator from a 500 kW unit to a 250 kW unit. Additionally, MTU Onsite was added as a preapproved supplier for the generator, and ASCO was added as a preapproved ATS supplier. Finally, the allowable voltages for the Engine Jacket Heater was modified to allow only 120/240V operation.

Item No. 03 Specification Section 33 05 05 – Buried Pipe Installation

REPLACE – Entire Specification with the attached.

Summary of Change: The changes to this specification include the clarification that the Contractor is responsible for testing of items included in this specification.

Item No. 04 **Specification Section 33 32 11 – Instrumentation and Control**

ADD – Section 2.21 CONTROLLER CONFIGURATION, Subsection F.

Summary of Change: The addition of this subsection clarifies that pump motor leak/temperature controls shall be mounted inside the pump control panel.

REPLACED – Section 2.27 TELEMETRY, Subsection B.

Summary of Change: The changes made to the OMNI Site I/O list further clarify the design intent for the OMNI Site input/output points.

Item No. 05 **Specification Section 40 71 13.13 – Inline Magnetic Flow Meter**

ADD – Entire Specification

Summary of Change: The addition of this specification outlines the magnetic flow meter to be used on the project.

Item No. 06 **Specification Section 40 72 43 – Submersible Level Transducer**

REPLACE – Section 2.01 MANUFACTURERS, Subsection A

Summary of Change: The change to this subsection includes the removal of the DeltaPilot model level transducer, and replaces it with a WaterPilot model.

B. DRAWINGS

Item No. 07 **Drawing Sheet C-1.01**

REPLACE – Entire Sheet with attached.

Summary of Change: The change to the above referenced sheet clarifies the removal of the davit crane and existing valve vault. As well as the removal of HVAC work on the sheet.

Item No. 08 **Drawing Sheet C-1.02**

REPLACE – Entire Sheet with attached.

Summary of Change: The change to the above referenced sheet clarifies the removal of the davit crane and existing valve vault. As well as the removal of HVAC work on the sheet.

Item No. 09 **Drawing Sheet M-1.00**

REPLACE – Entire Sheet with attached.

Summary of Change: The change to the above referenced sheet includes the addition of six (6) Type I Bollards around the existing wetwell lid.

Item No. 10 **Drawing Sheet A-1.00**

REPLACE – Entire Sheet with attached.

Summary of Change: The change to the above referenced sheet removes the expansion of the electrical control room from the project entirely.

Item No. 11 **Drawing Sheet A-1.01**

REPLACE – Entire Sheet with attached.

Summary of Change: The change to the above referenced sheet removes the expansion of the electrical control room from the project entirely.

Item No. 12 **Drawing Sheet H-1.00**

REPLACE – Entire Sheet with attached.

Summary of Change: The change to the above referenced sheet removes the expansion of the electrical control room from the project entirely.

Item No. 13 **Drawing Sheet S-2.00**

REPLACE – Entire Sheet with attached.

Summary of Change: The change to the above referenced sheet modifies the overall dimensions of the generator pad base to allow for dimensional coordination with the specific manufacturer.

Item No. 14 **Drawing Sheet E-1.00**

REPLACE – Entire Sheet with attached.

Summary of Change: The change to the above referenced sheet removes the expansion of the electrical control room from the project entirely.

Item No. 15 **Drawing Sheet E-2.00**

REPLACE – Entire Sheet with attached.

Summary of Change: The change to the above referenced sheet removes the expansion of the electrical control room from the project entirely.

Item No. 16 **Drawing Sheet E-2.01**

REPLACE – Entire Sheet with attached.

Summary of Change: The change to the above referenced sheet removes the expansion of the electrical control room from the project entirely.

Item No. 17 **Drawing Sheet E-4.00**

REPLACE – Entire Sheet with attached.

Summary of Change: The change to the above referenced sheet removes the expansion of the electrical control room from the project entirely.

Item No. 18 **Drawing Sheet E-4.01**

REPLACE – Entire Sheet with attached.

Summary of Change: The change to the above referenced sheet removes the expansion of the electrical control room from the project entirely.

C. BID TABULATION

Item No. 19 **Bid Item No. 08 – Cast-in-place Concrete Wetwell**

DEDUCT – \$60,000.00.

Summary of Change: By adding time to the substantial completion date (60 days), a portion of risk can be removed from the contractor's timeline.

Item No. 20 **Bid Item No. 12 – Sanitary Sewer By-pass Pumping**

DEDUCT – \$150,000.00.

Summary of Change: By making modifications to the electrical design, all bypass pumping was eliminated. If a situation arises during construction where by-pass pumping is required, this item will be revisited.

Item No. 21 **Bid Item No. 35 – 60-Hp Submersible Pumps**

DEDUCT – \$32,276.00.

Summary of Change: By making modifications to the electrical design this bid item cost was reduced. The MCC panel was eliminated and a control panel with "loose" VFDs were included.

Item No. 22 **Bid Item No. 38 – Electrical Control Building Demolition**

DEDUCT – \$26,849.00.

Summary of Change: By making modifications to the electrical design this bid item cost was reduced. The existing electrical control room is sufficient in size and will not require expansion.

Item No. 23 **Bid Item No. 39 – HVAC Improvements**

DEDUCT – \$22,000.00.

Summary of Change: By making modifications to the electrical design this bid item cost was reduced. The existing electrical control room is sufficient in size and will not require expansion, making any HVAC improvements unnecessary.

Item No. 24 **Bid Item No. 40 – Existing Site Utility Reroutes**

DEDUCT – \$3,771.00.

Summary of Change: By making modifications to the electrical design this bid item cost was reduced.

Item No. 25 **Bid Item No. 41 – Backup Generator**

DEDUCT – \$32,824.00.

Summary of Change: By making modifications to the electrical design this bid item cost was reduced. The 500 kW backup generator was reduced to 250kW.

Item No. 26 **Bid Item No. 42 – Electrical Control Work**

DEDUCT – \$41,765.00.

Summary of Change: By making modifications to the electrical design this bid item cost was reduced.

Item No. 27 **Bid Item No. 43 – OMNI Site Crystal Ball**

DEDUCT – \$7,800.

Summary of Change: By making modifications to the electrical design this bid item cost was reduced. The existing OMNI Site unit can be reused in lieu of purchasing a new unit.

Attachments:

Specifications Project Manual – Conformed
Construction Drawings – Conformed
Bid Tab – Revised to reflect cost adjustments