

ADDENDUM NO. 2 TO CONTRACT DOCUMENTS

Project: MacDonald Downs Pump Station H&S Project No. 30906-006

Owner: City of Havelock

Date: 10/13/17

To All Bidders:

Contractors submitting Proposals for the above named Project shall take note of the following changes, additions, deletions, clarifications, etc., in the Contract Documents, which shall become part of and have precedence over anything contrarily shown or described in the Contract Documents, and all such shall be taken into consideration and be included in the Contractor's Bid Proposal.

All other general items, conditions, drawings, and specifications shall remain the same. Please acknowledge the receipt of Addendum No. 02 with the Bid Form.

Refer to the Attached Sheets.

The return receipt requested with the communication will be deemed evidence that the bidder has received the Addendum and has followed the instructions herein.

Company Name

Acknowledgement of Receipt

Date



Nichole Johnson
HAZEN AND SAWYER

MacDonald Downs Pump Station

Addendum No. 02

SPECIFICATION CHANGES:

- Item 1. Section 01540 - New specification "Section 01540 – Demolition and Removal of Existing Structures and Equipment" is included as attachment 01.
- Item 2. Section 11130 Replace table in paragraph 11130.1.02 with the following:
OPERATING CONDITIONS AND PERFORMANCE REQUIREMENTS

McDonald Downs Pumps No. 1 – No. 2

Number of Units		2	
Design Capacity (gpm)	150	290	500
Total Dynamic Head (feet)	47	41	29
Maximum Brake Horsepower	5	6	6.5
Maximum Pump Speed (rpm)		1750	
Temperature of Liquid Pumped		Ambient	
Suction Condition		Flooded	
Maximum Size of Solids (Spherical Diameter, Inches)		3	
Minimum Discharge Diameter (In.)		4	

DRAWING CHANGES:

- Item 1. Drawing M-01 Section A/M-1 At the check valve vault, change "EL 2.92" to "EL 23.0".

Attachment 01

New Specification Section
Section 01540 Demolition and Removal of Existing Structures and Equipment

SECTION 01540

DEMOLITION AND REMOVAL OF EXISTING STRUCTURES AND EQUIPMENT

PART 1 -- GENERAL

1.01 THE REQUIREMENT

- A. This Section covers the demolition, removal, and disposal of existing structures, concrete and equipment at the existing pump station. The Contractor shall furnish all labor, materials and equipment to demolish and properly dispose of all improvements at the existing pump station site.

1.02 TITLE TO EQUIPMENT AND MATERIALS

- A. Contractor shall have no right or title to any of the equipment, materials or other items to be removed from the existing buildings or structures unless and until said equipment, materials and other items have been removed from the premises. The Contractor shall not sell or assign, or attempt to sell or assign any interest in the said equipment, materials or other items until the said equipment, materials or other items have been removed.
- B. Contractor shall have no claim against the Owner because of the absence of such fixtures and materials.

1.03 CONDITION OF STRUCTURES AND EQUIPMENT

- A. The Owner does not assume responsibility for the actual condition of structures and equipment to be demolished and removed.
- B. Conditions existing at the time of inspection for bidding purposes will be maintained by the Owner so far as practicable.
- C. The information regarding the existing structures and equipment is based on visual inspection and a walk-through survey only. Neither the Engineer nor the Owner will be responsible for interpretations or conclusions drawn therefrom by the Contractor.

PART 2 -- PRODUCTS

(NOT USED)

PART 3 -- EXECUTION

3.01 DEMOLITION AND REMOVALS

- A. The removal of all equipment and piping, and all materials from the demolition of improvements and structure shall, when released by the Owner and Engineer, shall be done by the Contractor and shall become the Contractor's property, unless otherwise noted, for

disposition in any manner not contrary to the Contract requirements and shall be removed from the site to the Contractor's own place of disposal.

- B. The Electrical Contractor (Subcontractor) specifically, shall de-energize all panelboards, lighting fixtures, switches, circuit breakers, electrical conduits, motors, limit switches, pressure switches, instrumentation such as flow, level and/or other meters, wiring, and similar power equipments prior to removal. Any electric panels or equipment which are to be retained shall be relocated or isolated by the Electrical Contractor (Subcontractor) specifically, prior to the removal of the equipment specified herein.
- C. The Contractor shall proceed with the removal of the equipment, piping and appurtenances in a sequence designed to maintain the pump station in continuous operation until the new pump station is fully online and operating.
- D. Any equipment piping and appurtenances removed without proper authorization, which are necessary for the operation of the existing facilities shall be replaced to the satisfaction of the Engineer at no cost to the Owner.
- E. Excavation caused by demolitions shall be backfilled with fill free from rubbish and debris.

3.02 PROTECTION

- A. Demolition and removal work shall be performed by competent experienced workmen for the various type of demolition and removal work and shall be carried out through to completion with due regard to the safety of Owner employees, workmen on-site and the public. The work shall be performed with as little nuisance as possible.
- B. The work shall comply with the applicable provisions and recommendation of ANSI A10.2, Safety Code for Building Construction, all governing codes, and as hereinafter specified.
- C. The Contractor shall make such investigations, explorations and probes as are necessary to ascertain any required protective measures before proceeding with demolition and removal. The Contractor shall give particular attention to shoring and bracing requirements so as to prevent any damage to new or existing construction.
- D. The Contractor shall provide, erect, and maintain catch platforms, lights, barriers, weather protection, warning signs and other items as required for proper protection of the public, occupants of the building, workmen engaged in demolition operations, and adjacent construction.
- E. The Contractor shall provide and maintain temporary protection of the existing structure designated to remain where demolition, removal and new work is being done, connections made, materials handled or equipment moved.
- F. The Contractor shall take necessary precautions to prevent dust from rising by wetting demolished masonry, concrete, plaster and similar debris. Unaltered portions of the existing buildings affected by the operations under this Section shall be protected by dust-proof partitions and other adequate means.
- G. The Contractor shall provide adequate fire protection in accordance with local Fire Department requirements.

- H. The Contractor shall be responsible for any damage to the existing structure or contents by reason of the insufficiency of protection provided.

3.03 WORKMANSHIP

- A. The demolition and removal work shall be performed as described in the Contract Documents. The work required shall be done with care, and shall include all required shoring, bracing, etc. The Contractor shall be responsible for any damage which may be caused by demolition and removal work to any part or parts of existing structures or items designated for reuse or to remain. The Contractor shall perform patching, restoration and new work in accordance with applicable Technical Sections of the Specifications and in accordance with the details shown on the Drawings. Prior to starting of work, the Contractor shall provide a detailed description of methods and equipment to be used for each operation and the sequence thereof for review by the Engineer.
- B. Materials or items designated to remain the property of the Owner shall be as hereinafter tabulated. Such items shall be removed with care and stored at a location at the site to be designated by the Owner.
- C. Wherever piping is to be removed for disposition, the piping shall be drained by the Contractor and adjacent pipe and headers that are to remain in service shall be blanked off or plugged and then anchored in an approved manner.
- D. Materials or items demolished and not designated to become the property of the Owner or to be reinstalled shall become the property of the Contractor and shall be removed from the property and legally disposed of.
- E. The Contractor shall execute the work in a careful and orderly manner, with the least possible disturbance to the public and to the occupants of the building.
- F. The Contractor shall remove temporary work, such as enclosures, signs, guards, and the like when such temporary work is no longer required or when directed at the completion of the work.

3.04 MAINTENANCE

- A. The Contractor shall maintain the buildings, structures and public properties free from accumulations of waste, debris and rubbish, caused by the demolition and removal operations.
- B. The Contractor shall provide on-site dump containers for collection of waste materials, debris and rubbish, and he shall wet down dry materials to lay down and prevent blowing dust.
- C. At reasonable intervals during the progress of the demolition and removal work or as directed by the Engineer, the Contractor shall clean the site and properties, and dispose of waste materials, debris and rubbish.

3.05 EXISTING SITE DEMOLITION

- A. All improvements at the existing pump station shall be removed. Improvements to be removed include but are not limited to:
 - a. Wooden privacy fence and gate surrounding the pump station, approximately 130 linear feet.
 - b. Generator fuel tank and concrete slab
 - c. Wooden panel rack and roof over electrical panel
 - d. Electrical panel, wire, and conduit
 - e. Concrete slab and hatch over submersible pump station
 - f. Pumps, rails, and wire inside the wet well
 - g. 8ft diameter precast concrete wet well, approximately 25 ft deep
 - h. Service water lines and gravity sewer lines
 - i. Power and telephone service
- B. Coordinate the fuel tank removal with the owner of the fuel tank.
- C. Coordinate removal of pumps and electrical equipment with the City of Havelock.
- D. Abandon the precast concrete wet well in place by removing and disposing of the top four feet of the structure and filling the remaining structure with gravel. Backfill the top three feet with clean fill dirt.
- E. Coordinate removal of wastewater with the City of Havelock.
- F. After demolition is complete the area shall be backfilled, compacted, and seeded.

- END OF SECTION -