

## SECTION 011100 - SUMMARY OF WORK

### PART 1 - GENERAL

#### 1.1 ASHTABULA COUNTY

- A. The project is located at eleven pump station sites throughout Saybrook Township in Ashtabula County.

#### 1.2 PROJECT DESCRIPTION

- A. The bid documents contain bid forms for two (2) separate contracts. The bidder may bid just one of the contracts or both contracts. All Architectural and Process work is in Contract A and Electrical work is in Contract B.

- B. The project consists of process, architectural, and electrical work to be performed at eleven (11) pump station locations in Ashtabula County as depicted on the exhibit available for download.

1. Contractor shall review the itemized list of repairs required at each pump station location, included herein. Plans for each location are available for reference but their accuracy is not guaranteed.
2. The electrical work in Contract B is for rewiring the pumps at all of the pump stations and installing the new control panels.
3. The pump stations are identified as follows:

#1	Haywood Beach
#2	Red Brook
#3	Westminster
#4	Elm
#5	Rockwell
#6	Old Orchard
#7	New London
#8	Depot
#9	West 63 <sup>rd</sup>
#10	Jefferson Road
#11	Route 84

#### 1.3 SPECIFICATIONS

- A. In general, these Specifications describe the work to be performed by the various trades, other than work specifically excluded. It shall be the responsibility of the Contractor and Subcontractors to perform all work incidental to their trade, whether or not specific mention is made of each item, unless such incidentals are included under another Item.
- B. It is advised that the Contractor and all Subcontractors familiarize themselves with the contents of the complete Specifications, particularly the requirements of Section 013216, and the trades preceding, following, related or adjacent to their work.

		Site #1	Site #2	Site #3	Site #4
<b>Architectural &amp; Process</b>					
Remove & Replace 7' Hollow Metal Double Doors and Fr	EA	2	-	2	2
Tuck Point Masonry (50% of Exterior Masonry)	SF	300	-	300	300
Remove & Replace Light (w/LED w/sensor)	EA	1	-	1	1
Remove & Replace Access Hatches (2.5' x 4' nom.)	EA	-	-	1	-
Remove & Replace Access Hatches (3' x 4' nom.)	EA	1	-	-	-
Remove & Replace Access Hatches (3' x 5' nom.)	EA	-	1	-	1
<u>Wet Well</u>					
<b>Remove &amp; Replace Piping</b>					
6" HDPE Piping	LF	-	-	-	-
4" HDPE Piping	LF	45	52	36	-
6" DIP 90° Bend	EA	-	-	-	-
4" DIP 90° Bend	EA	2	2	2	-
6" Coupling	EA	-	-	-	-
4" Coupling	EA	4	4	4	-
1.25" PVC Sump Piping	LF	15	15	15	15
<b>Remove &amp; Replace Valves</b>					
6" Swing Check Valve - Flo-Matic Model 78	EA	-	-	-	2
4" Swing Check Valve - Flo-Matic Model 78	EA	2	2	-	-
6" Plug	EA	-	-	-	2
4" Plug	EA	2	2	2	-
3" Gate	EA	1	1	1	1
1.25" Gate Valve	EA	1	1	1	1
1.25" Check Valve	EA	1	1	1	1
Remove & Replace 20 HP Pumps & Slide Rails*	EA	-	-	-	-
Remove & Replace 18 HP Pumps & Slide Rails*	EA	-	-	-	-
Remove & Replace 15 HP Pumps & Slide Rails*	EA	-	-	1	2
Remove & Replace 10 hp Pump & slide Rails*	EA	-	2	-	-
Remove & Replace 7.5 hp Pump & slide Rails*	EA	-	-	-	-
Remove & Replace 3.0 hp Pump & slide Rails*	EA	-	-	-	-
Remove & Replace Sump Pump	EA	1	1	1	1
Remove & Replace 4" Swing Check Valve	EA	-	-	-	-
Remove & Replace 2" SS Guide Rails	EA	-	-	-	-

## Electrical

Electrical Work	LS	1	1	1	1
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**\* AT ALL LOCATIONS THE SLIDE RAILS CAN REMAIN BUT ALL NEW STAINLESS STEEL BRACKETS AND BOLTS ARE TO BE PROVIDED.**

		Site #5	Site #6	Site #7	Site #8
<b>Architectural &amp; Process</b>					
Remove & Replace 7' Hollow Metal Double Doors and Fr	EA	2	2	2	2
Tuck Point Masonry (50% of Exterior Masonry)	SF	300	300	300	300
Remove & Replace Light (w/LED w/sensor)	EA	1	1	1	1
Remove & Replace Access Hatches (2.5' x 4' nom.)	EA	-	-	-	1
Remove & Replace Access Hatches (3' x 4' nom.)	EA	-	-	-	-
Remove & Replace Access Hatches (3' x 5' nom.)	EA	1	1	1	-
<u>Wet Well</u>					
<b>Remove &amp; Replace Piping</b>					
6" HDPE Piping	LF	30	40	34	-
4" HDPE Piping	LF	-	-	-	30
6" DIP 90° Bend	EA	2	2	2	-
4" DIP 90° Bend	EA	-	-	-	2
6" Coupling	EA	4	4	4	-
4" Coupling	EA	-	-	-	4
1.25" PVC Sump Piping	LF	15	15	15	10
<b>Remove &amp; Replace Valves</b>					
6" Swing Check Valve - Flo-Matic Model 78	EA	2	2	2	-
4" Swing Check Valve - Flo-Matic Model 78	EA	-	-	-	2
6" Plug	EA	2	2	2	-
4" Plug	EA	-	-	-	2
3" Gate	EA	1	1	1	1
1.25" Gate Valve	EA	1	1	1	1
1.25" Check Valve	EA	1	1	1	1
Remove & Replace 20 HP Pumps & Slide Rails*	EA	-	-	-	-
Remove & Replace 18 HP Pumps & Slide Rails*	EA	2	-	-	-
Remove & Replace 15 HP Pumps & Slide Rails*	EA	-	2	-	-
Remove & Replace 10 hp Pump & slide Rails*	EA	-	-	2	-
Remove & Replace 7.5 hp Pump & slide Rails*	EA	-	-	-	1
Remove & Replace 3.0 hp Pump & slide Rails*	EA	-	-	-	-
Remove & Replace Sump Pump	EA	1	1	1	1
Remove & Replace 4" Swing Check Valve	EA	-	-	-	-
Remove & Replace 2" SS Guide Rails	EA	-	-	-	-

## Electrical

Electrical Work	LS	1	1	1	1
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**\* AT ALL LOCATIONS THE SLIDE RAILS CAN REMAIN BUT ALL STEEL BRACKETS AND BOLTS ARE TO BE PROVIDED.**

		Site #9	Site #10	Site #11
<b>Architectural &amp; Process</b>				
Remove & Replace 7' Hollow Metal Double Doors and Fr	EA	-	2	-
Tuck Point Masonry (50% of Exterior Masonry)	SF	-	300	-
Remove & Replace Light (w/LED w/sensor)	EA	-	1	-
Remove & Replace Access Hatches (2.5' x 4' nom.)	EA	-	-	-
Remove & Replace Access Hatches (3' x 4' nom.)	EA	-	-	-
Remove & Replace Access Hatches (3' x 5' nom.)	EA	1	1	-
<u>Wet Well</u>				
<b>Remove &amp; Replace Piping</b>				
6" HDPE Piping	LF	-	-	-
4" HDPE Piping	LF	40	34	-
6" DIP 90° Bend	EA	-	-	-
4" DIP 90° Bend	EA	4	4	-
6" Coupling	EA	-	-	-
4" Coupling	EA	2	4	-
1.25" PVC Sump Piping	LF	15	15	-
<b>Remove &amp; Replace Valves</b>				
6" Swing Check Valve - Flo-Matic Model 78	EA	-	-	-
4" Swing Check Valve - Flo-Matic Model 78	EA	2	2	-
6" Plug	EA	-	-	-
4" Plug	EA	2	2	-
3" Gate	EA	1	1	-
1.25" Gate Valve	EA	1	1	-
1.25" Check Valve	EA	1	1	-
Remove & Replace 20 HP Pumps & Slide Rails*	EA	-	2	-
Remove & Replace 18 HP Pumps & Slide Rails*	EA	-	-	-
Remove & Replace 15 HP Pumps & Slide Rails*	EA	-	-	-
Remove & Replace 10 hp Pump & slide Rails*	EA	-	-	-
Remove & Replace 7.5 hp Pump & slide Rails*	EA	-	-	-
Remove & Replace 3.0 hp Pump & slide Rails*	EA	-	-	1
Remove & Replace Sump Pump	EA	1	1	-
Remove & Replace 4" Swing Check Valve	EA	-	-	2
Remove & Replace 2" SS Guide Rails	EA	-	-	4

## Electrical

Electrical Work	LS	1	1	1
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