

ADDENDUM NO. 1
WASTEWATER SYSTEM IMPROVEMENTS
CONTRACT 15-01
JOHNSON CONTROLS SEWAGE PUMPING STATION RENOVATION AND
WWTP SLUDGE PUMPS REPLACEMENT
PULASKI, TENNESSEE
JRWCO JOB NO. 2043

Date of Addendum: Wednesday, November 18, 2015
Bid Opening: Tuesday, November 24, 2015, 12:00 P.M. Local Time

1. Detailed Specifications, Section 1. General Scope and Special Provisions, Paragraph 3. Time Completion and Liquidated Damages, Page DS 1-2:

Modify the third paragraph to read as follows:

“If the work is not completed within the time specified, liquidated damages in the amount of **\$500** per calendar day will be deducted from the compensation otherwise due to the Contractor(s) in accordance with the Contract Documents for each calendar day thereafter, Sundays and holidays included, that the work remains uncompleted.”

2. Detailed Specifications, Section 1. General Scope and Special Provisions, Paragraph 8. Lands, Rights-of-Way and Limits of Work, Subparagraph a. Lands and Easements, Page DS 1-4:

Delete the first sentence of the subparagraph.

3. Detailed Specifications, Section 4. Excavation, Site Development and Miscellaneous Items, Paragraph 3. Existing Sewage Pumping Station Renovation, Subparagraph a. Demolition of Existing Dry Pit, Page DS 4-1:

Modify the second sentence to read as follows:

“Once bypass is running, **and the Owner has removed any desired equipment, the Contractor shall abandon existing equipment in place.**”

4. Detailed Specifications, Subsection 5A. Top Mounted Sewage Pumping Station and Appurtenances, Paragraph 3. Performance Requirements, Page 5A-1:

Modify this paragraph to read as follows:

“3. Performance Requirements

The top mounted type wastewater pumps to be installed on the existing wetwell at the Johnson Controls Wastewater Pumping Station will each transfer wastewater from the existing wetwell into an existing force main pipeline as depicted on the Drawings. The pumps shall be identical and shall each operate in a manner which can be characterized by performance curves which incorporate the following operational parameters:

Capacity 82 Feet Total Dynamic Head:	210 GPM
Minimum Allowable Shut-off Head:	93 Feet
Maximum Allowable Speed:	1760 RPM
Maximum Motor Horsepower to be provided:	15 HP
Minimum Allowable Overall Efficiency Required at 210 GPM Discharge Rate at 82 Feet Total Dynamic Head:	47%
Minimum Sphere Diameter Passable:	3 Inches
Top of Wetwell:	680.87
Bottom of Wetwell:	662.31
Wetwell Diameter:	5 Feet

A Smith and Loveless Model 4B2X*1 with a 9 3/8-inch impeller appears to meet the above conditions.”

5. Detailed Specifications, Sub-Section 5A. Top Mounted Sewage Pumping Station and Appurtenances, Paragraph 4. Utilities Provided, Page DS 5A-2:

Revise this paragraph to read as follows:

“4. Utilities Provided

Electric power provided for the ***top mounted sewage pumping station*** shall be alternating current, **240** volt, three phase, 60 Hertz.”

6. Detailed Specifications, Sub-Section 5B. Progressive Cavity Type Sludge Pumps, Paragraph 2. Vendors, Page DS 5B-1:

Modify this paragraph as follows:

“• Moyno – Model **Z28KC11RMB/E**”

7. Plans, Sheet 5:

Modify this sheet to read as shown on the attached 8 ½” x 11” sheet.

8. Plans, Sheet 6:

Delete this sheet.

9. Plans, Sheet 9:

Modify this sheet to read as shown on the attached 8 ½” x 11” sheet.

10. Plans, Sheet 10:

Delete this sheet.

J. R. WAUFORD & COMPANY,
CONSULTING ENGINEERS, INC.



J. Gregory Davenport, P.E.
Tennessee License No. 104881

SHEET 05 OF 11

REVISIONS

WASTEWATER SYSTEM IMPROVEMENTS
CONTRACT: 15-01: JOHNSON CONTROLS PUMPING
STATION RENOVATION/WWTP SLUDGE PUMPS
REPLACEMENT

**PROPOSED SLUDGE PUMP
PUMP PLAN**

FOR

PULASKI, TENNESSEE

SCALE
1/2" = 1'-0"

DATE
SEPT 2015

J. R. WAUFORD & COMPANY
CONSULTING ENGINEERS, INC.

NASHVILLE, TENNESSEE

JOB NO. 2043

DESIGNED
WSD

DRAWN
WAD

CHECKED
WSD

PROPOSED SLUDGE PUMP ELECTRICAL MODIFICATIONS PLAN

SCALE: 1/2" = 1'-0"

SHEET 9 OF 11	WASTEWATER SYSTEM IMPROVEMENTS CONTRACT: 15-01: JOHNSON CONTROLS PUMPING STATION RENOVATION/WWTP SLUDGE PUMPS REPLACEMENT		
REVISIONS	PROPOSED SLUDGE PUMP ELECTRICAL MODIFICATIONS PLAN		
	FOR PULASKI, TENNESSEE		
	SCALE AS SHOWN	J. R. WAUFORD & COMPANY CONSULTING ENGINEERS, INC. NASHVILLE, TENNESSEE JOB NO. 2043	DESIGNED MLK
	DATE SEPT. 2015		DRAWN JRJ
		CHECKED JDP	